

TRANSMITTAL

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TO: John Morris, PG
Southwest District Office
Florida Department of Environmental Protection

DATE: February 22, 2013

JOB NO.: 100018228 - 4004.L

Address/Office: 13051 N. Telecom Parkway
Temple Terrace, FL 33637-0926

RE: Review of Semi-Annual Sampling Results,
Second Half of 2012 Sampling Event,
Hardee Co. Landfill, WACS SWD/25/40612

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			Sampling Event, Hardee County Landfill
1	Feb. 22, 2013	1	CD disc containing the PDF copy of the above-referenced report
			and the associated ADaPT files

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REMARKS:

John,

Attached are the results of the recent semi-annual water quality sampling event at the Hardee County Solid Waste Disposal Facility.

Thank,
Brad Bayne, PG

Dept. Of Environmental Protection
FEB 25 2013
Southwest District

SIGNED Brad Bayne

DISTRIBUTION file, Ms. Teresa Carver, Hardee County Solid Waste Department (2 copies)

If enclosures are not as noted, kindly notify us at once



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February 22, 2013

Mr. John Morris, P.G.
Southwest District Office
Florida Department of Environmental Protection
13051 N. Telecom Parkway
Temple Terrace, FL 33637-0926

Re: **Review of Semi-Annual Sampling Results**
Second Half 2012 Sampling Event
Hardee County Landfill
WACS Facility ID No. SWD/25/40612
Permit No. 38414-011-SO

Dear Mr. Morris:

On behalf of the Hardee County Solid Waste Department, Atkins presents this review of the results of the second half of 2012 sampling event for the facility referenced above. This document is designed to comply with the requirements of Specific Condition E.10 of the facility's permit, and was compiled in general accordance with the guidelines promulgated in Chapter 62-701.510(9) (a) of the Florida Administrative Code (FAC).

BACKGROUND

The Hardee County Solid Waste Disposal Facility is an active Class I landfill, which encompasses approximately 100 acres of land at 685 Airport Road in Hardee County, Florida. According to the facility's operating permit, the water quality monitoring network is designed to monitor the groundwater in the surficial aquifer, the surface water, and leachate. The groundwater monitoring network includes eight monitoring wells, which are designated MW-1, MW-2, MW-4, MW-5, MW-8, MW-10R, MW-11, and MW-12R. The facility's permit designates MW-1 and MW-4 as background wells and the other wells as detection wells. There are three other monitoring wells, MW-3, MW-6, and MW-7, which are designated by the permit as piezometers, along with 12 other piezometers. Please note that former piezometers P-1, P-2, and P-15 have been abandoned. The layout of the site is presented in **Figure 1**.

Specific Condition E.4.d of the facility's permit specifies that groundwater samples be collected from the monitoring wells on a semiannual basis. The groundwater samples are analyzed for the analytes listed on the 40 Code of Federal Regulations (CFR) Part 258, Appendix I as well as for total ammonia, iron, chlorides, mercury, nitrate, sodium, and total dissolved solids (TDS). These analytes are also listed in Specific Condition No. 29(c) of the facility's permit.

Specific Condition E.9 of the permit calls for the collection of a leachate samples from two points - at Manhole 9 (Phase I) and at the Phase II leachate collection/detection riser. Leachate samples are typically collected during the first half sampling event of each year and are analyzed for the laboratory analytes listed in the referenced specific condition. In January 2013, sampling of the leachate was attempted at both locations during the second half 2012 sampling event. However, no leachate (liquid) sufficient for sampling was available at the Phase II collection/detection riser, so the only leachate sample collected was from Manhole 9.

Specific Condition E.8 of the permit calls for the collection of a surface water sample from one location, which is designated SW-2. The surface water samples are collected during both semiannual sampling events during the year. However, no surface water was present at the SW-2 location in January 2013 (i.e., the pond was dry), so no surface water sample could be collected.

The groundwater, leachate, and surface water sampling points are illustrated in **Figure 1**.

SECOND HALF 2012 SAMPLING EVENT

The second half 2012 sampling event was conducted on January 10, 2013. Groundwater and leachate samples were collected during this event. The groundwater and leachate samples were collected in general accordance with the Florida Department of Environmental Protection (FDEP) Standard Operating Procedure for Field Activities (SOP 001/01). Sample collection was performed by Atkins personnel, and analysis was performed by Flowers Chemical Laboratories, Inc. (FCL). FCL is a NELAC-certified laboratory. A FDEP Ground Water Monitoring Report form for the sampling event is provided in **Attachment A**.

Sample Collection Methodology

Prior to sampling the monitoring wells, each was purged with a peristaltic pump using the “low-flow” method. A minimum equivalent of three well volumes was purged from each well prior to sample collection. Temperature, pH, conductivity, dissolved oxygen (DO), and turbidity measurements were monitored and recorded throughout the purging process to ensure that representative water samples were collected. The groundwater samples were given identifiers which corresponded to the well of origin. Depth-to-groundwater measurements were made from the top-of-casing (TOC) at each monitoring well prior to initiating the purging process. Water level readings were also made at all of the piezometers listed in the permit. The water level measurements were subtracted from the TOC elevations to determine the elevation of the water table at each well and piezometer. The TOC elevations are referenced in feet above the National Geodetic Vertical Datum (NGVD). The groundwater sampling logs and field equipment calibration logs are provided in **Attachment B**.

All of the samples were placed in laboratory-prepared containers, placed on ice, and carried to FCL for analysis of the analytes listed in the applicable specific conditions of the facility’s permit.

SECOND HALF 2012 SAMPLING EVENT RESULTS

Groundwater Flow Pattern

Depth to groundwater measurements were collected at the eight monitoring wells and at 14 piezometers during this sampling event. The groundwater level elevation data from this event are presented in **Table 1**. The groundwater elevation data were plotted and contoured to generate the groundwater elevation contour map presented in **Figure 2**. The data indicated that the groundwater in the surficial aquifer beneath the landfill was flowing in a southerly direction at the time of this sampling event. The water table gradient measured approximately 0.00140 feet per foot beneath the site (as measured between well MW-1 and piezometer P-8).

Sampling Results

A description of the detections in the groundwater and leachate is presented below.

Groundwater Analytical Results

There were numerous inorganic analytes detected and two organic analytes (benzene and vinyl chloride) detected in the groundwater samples collected and analyzed during this sampling event. The inorganic analyte detections included all of those which are part of the analytical program except antimony, beryllium, cadmium, cobalt, lead, mercury, selenium, silver, and thallium. At least one inorganic analyte was detected at every well in the monitoring network.

The concentrations of all of the analytes that were detected in the groundwater were compared to their respective Maximum Contaminant Level (MCL) or Secondary Drinking Water Standard (SDWS) in accordance with the Florida statutes. The MCLs and SDWSs for Drinking Water Standards, Monitoring, and Reporting are promulgated by Chapter 62-550 of the Florida Administrative Code (FAC). Not every parameter has an MCL or SDWS. There were three analytes detected at concentrations that did not comply with their standards –benzene, pH, and iron. Iron and pH have SDWS criteria, while the criteria for benzene is provided as an MCL in Chapter 62-550 FAC. A description of the detection patterns with these three analytes is described below.

- pH - The standard for pH is any value within the range of 6.5 to 8.5. The pH values at all except one of the wells were below 6.5, and the pH measured as low as 3.39 at well MW-11. The pH values at both of the background monitoring wells, MW-1 and MW-4, were lower than the standard range.
- Iron - The standard for iron is 0.3 milligrams per liter (mg/L). The iron concentration in the samples collected at all wells except MW-11 and MW-12R exceeded the standard. The iron concentrations at both of the background wells were higher than the standard.

- Benzene – The standard for benzene is 1.0 microgram per liter (ug/L). The benzene concentration at MW-8 exceeded the standard. It should be noted that the value of the benzene concentration at MW-8 (1.16 ug/L) was indicated as an “estimated value” in the laboratory report.

Monitoring at this site has also been closely tracking arsenic concentrations in MW-4. The standard for arsenic is 0.01 mg/L. In 2011, the arsenic concentration slightly exceeded the standard in the sample from MW-4. However, during June 2012 and January 2013, the arsenic concentration in this well was below the standard (at a value of 0.00968 mg/L and 0.00753 mg/L, respectively). MW-4 is designated as a background well.

A summary of the groundwater analytical results is presented in **Table 2**, and the laboratory analytical report is provided in **Attachment C**.

Surface Water Analytical Results

Due to the lack of water in the pond, no surface water was available for sampling at surface water sampling location SW-2. Sampling of surface water will be attempted again during the First Half 2013 sampling event.

Leachate Water Analytical Results

Specific Condition E.9.a of the facility permit specifies that leachate samples be collected from two locations. The collection points are Manhole 9 (Phase I) and the Phase II Leachate Collection/Detection Riser. Sampling occurred on January 10, 2013, and a sample was collected from the Manhole 9 (Phase I) location. The Phase II sample location was found to be dry.

There were numerous inorganic analytes and two organic analytes (chlorobenzene and para-dichlorobenzene) detected in the leachate sample. The concentration of every parameter that was detected in the leachate was compared to regulatory levels listed in 40 CFR Part 261.24, as required by the Florida solid waste regulations. There were no analytes in the leachate that exceeded the above-referenced criteria. A summary of the leachate water analytical results is presented in **Table 3** and the laboratory analytical report is provided in **Attachment C**.

SUMMARY AND CONCLUSIONS

The results of the second half 2012 sampling event at the Hardee County Solid Waste Disposal Facility were consistent with those of the recent sampling events, with numerous inorganic analyte detections in the groundwater and leachate, and very few organic analyte detections. There were three analytes detected outside of the regulatory standards: benzene, pH, and iron were detected in the groundwater at concentrations in excess of the regulatory criteria. It should be noted that the most notable parameters that were not in compliance with standards in the groundwater (pH and iron) were also not in compliance with standards in the background monitoring wells.

Mr. John Morris
February 22, 2013
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Based on these findings, the facility does not appear to be having a significant effect on groundwater and surface water quality. Atkins recommends that the analytical results in future sampling events be evaluated closely for any developing trends. If you have any questions regarding the information presented in this report, please call me at (813) 281-8377 or Dave Deans at (407) 806-4104.

Very truly yours,

A handwritten signature in blue ink, appearing to read 'Bradley J. Bayne', is written over a light blue circular stamp.

Bradley J. Bayne, PG
Senior Scientist
Florida PG No. 1733

CC: Ms. Teresa Carver, Hardee County Solid Waste Department, 685 Airport Road,
Wauchula, FL 33873 (2 copies)
File 100018228

TABLES

Table 1
Groundwater Elevation Data
Hardee County Landfill
Second Half 2012

Well Identifier	Top-of-Casing Elevation (Ft-NGVD)	Ground Surface Elevation (Ft-NGVD)	Total Depth (Ft-TOC)	Well Diameter (Inches)	Depth to Groundwater (Ft below TOC)	Groundwater Elevation (Ft-NGVD)
Monitoring Wells						
MW-1	87.97	86.24	11.00	4	6.81	81.16
MW-2	85.86	83.75	10.50	4	7.37	78.49
MW-4	87.16	84.09	18.90	2	7.30	79.86
MW-5	88.76	85.83	18.10	2	9.23	79.53
MW-8	88.98	85.80	13.50	2	10.58	78.40
MW-10R	88.56	85.49	15.12	2	9.64	78.92
MW-11	88.11	85.17	13.90	2	9.53	78.58
MW-12R	89.00	85.71	23.25	2	10.19	78.81
Piezometers						
MW-3	88.06	86.46	NA	2	8.13	79.93
MW-6	88.25	85.06	NA	2	9.69	78.56
MW-7	87.88	84.98	NA	2	9.26	78.62
P-1	90.57	86.47	NA	2	NM*	NM*
P-2	91.08	89.48	NA	2	NM*	NM*
P-7	84.47	82.41	NA	2	6.05	78.42
P-8	85.32	83.25	NA	2	6.80	78.52
P-11	88.69	86.16	NA	2	NM	NM
P-13	87.96	87.98	NA	2	9.39	78.57
P-14	87.31	84.05	NA	2	8.82	78.49
P-15	87.72	89.62	NA	2	NM*	NM*
P-17	88.82	85.88	NA	2	7.21	81.61
P-18	88.74	84.37	NA	2	8.59	80.15
P-19	86.73	84.14	NA	2	6.43	80.30
P-20	87.6	84.68	NA	2	7.43	80.17
P-21	86.63	83.57	NA	2	7.68	78.95
P-22	87.04	84.09	NA	2	8.50	78.54
P-23	86.45	83.71	NA	2	8.36	78.09

NM = Not measured

NM* = Not measured, recently abandoned.

Table 2
Groundwater Analytical Summary
Hardee County Landfill
Second Half 2012

Analyte	Monitoring Well:		MW-1	MW-2	MW-4	MW-5	MW-8	MW-10R	MW-11	MW-12R
	Sample Date:		1/10/2013	1/10/2013	1/10/2013	1/10/2013	1/10/2013	1/10/2013	1/10/2013	1/10/2013
	Standard ¹⁾	Units								
Field Measurements										
Groundwater Elevation		ft	81.2	78.5	79.9	79.5	78.4	78.9	78.6	78.8
Temperature		deg. C	21.8	21.5	23.3	24.1	27.7	24.7	24.3	24.9
pH	6.5-8.5	STD	4.35	6.77	6.16	5.28	5.95	5.57	3.39	6.13
Conductivity		umhos/cm	160	476	300	135	562	335	41	384
Dissolved Oxygen (DO)		mg/l	1.80	0.80	0.40	0.90	0.60	0.70	1.20	1.30
Turbidity		NTU	26.1	4.18	14.6	13.8	2.21	19.8	35.0	8.03
Inorganics										
Nitrate (as N)	10	mg/l	0.0343	0.285	0.0100 U	0.0342	0.0136 I	0.0100 U	0.0100 U	0.0384
TDS	500	mg/l	264	312	302	94	330	166	2.50 U	266
Chloride	250	mg/l	16.8	24.8	14.5	10.7	13.0	16.8	4.00 U	5.87 I
Antimony	0.006	mg/l	0.00200 U	0.00200 U	0.00200 U	0.00200 U	0.00200 U	0.00200 U	0.00200 U	0.00200 U
Arsenic	0.01	mg/l	0.00366	0.00100 U	0.00753	0.00100 U	0.00100 U	0.00243	0.00100 U	0.00175 I
Barium	2	mg/l	0.0106	0.0174	0.0114	0.00267 I	0.00389 I	0.0195	0.00708	0.00399 I
Beryllium	0.004	mg/l	0.000500 U	0.000500 U	0.000500 U	0.000500 U	0.000500 U	0.000500 U	0.000500 U	0.000500 U
Cadmium	0.005	mg/l	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U
Chromium	0.1	mg/l	0.00645	0.00208	0.00490	0.00302	0.00324	0.00260	0.00272	0.00276
Cobalt		mg/l	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U
Copper	1	mg/l	0.00213	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00152 I
Lead	0.015	mg/l	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U
Mercury	0.002	mg/l	0.0000200 U	0.0000200 U	0.0000200 U	0.0000200 U	0.0000200 U	0.0000200 U	0.0000200 U	0.0000200 U
Nickel	0.1	mg/l	0.00206	0.00298	0.00100 U	0.00100 U	0.00350	0.00100 U	0.00100 U	0.00164 I
Selenium	0.05	mg/l	0.00200 U	0.00200 U	0.00200 U	0.00200 U	0.00200 U	0.00200 U	0.00200 U	0.00200 U
Silver	0.1	mg/l	0.000500 U	0.000500 U	0.000500 U	0.000500 U	0.000500 U	0.000500 U	0.000500 U	0.000500 U
Thallium	0.002	mg/l	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U
Vanadium		mg/l	0.0191	0.00100 U	0.00908	0.00125 I	0.00274	0.00153 I	0.00384	0.00422
Zinc	5	mg/l	0.0100 U	0.0100 U	0.0100 U	0.0100 U	0.0318	0.0100 U	0.0116 I	0.0736
Ammonia (as N)	2.8	mg/l	0.134	0.365	0.190	0.127	1.01	0.305	0.0100 U	0.0615
Iron	0.3	mg/l	6.59	1.34	5.02	3.39	12.2	25.7	0.225	0.0625
Sodium	160	mg/l	11.4	15.2	6.85	4.18	8.98	11.2	3.25	4.75
Organics										
1,1,1,2-Tetrachloroethane		ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
1,1,1-Trichloroethane	200	ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
1,1,2,2-Tetrachloroethane		ug/l	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U
1,1,2-Trichloroethane	5	ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
1,1-Dichloroethane		ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
1,1-Dichloroethene	7	ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
1,2-Dichloroethane	3	ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
1,2-Dichloropropane	5	ug/l	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U
2-Butanone (MEK)		ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
2-Hexanone		ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Acetone		ug/l	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Acrylonitrile		ug/l	0.300 U	0.300 U	0.300 U	0.300 U	0.300 U	0.300 U	0.300 U	0.300 U
Benzene	1	ug/l	0.500 U	0.500 U	0.500 U	0.500 U	1.16 J	0.500 U	0.500 U	0.500 U
Bromochloromethane		ug/l	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U
Bromodichloromethane		ug/l	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U
Bromoform		ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Bromomethane		ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Carbon Disulfide		ug/l	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Carbon Tetrachloride	3	ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Chlorobenzene		ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Chloroethane		ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Chloroform		ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Chloromethane		ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Dibromochloromethane		ug/l	0.400 U	0.400 U	0.400 U	0.400 U	0.400 U	0.400 U	0.400 U	0.400 U
Dibromomethane		ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Ethylbenzene	700	ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Methyl Iodide		ug/l	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Methyl isobutyl ketone		ug/l	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Methylene chloride		ug/l	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Para-dichlorobenzene	75	ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Styrene	100	ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Tetrachloroethene	3	ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Toluene	1000	ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Trichloroethene	3	ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Trichlorofluoromethane		ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Vinyl Acetate		ug/l	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Vinyl chloride	1	ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.950 J	0.500 U	0.500 U	0.500 U
Xylenes	10000	ug/l	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
cis-1,2-Dichloroethene	70	ug/l	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U
cis-1,3-Dichloropropene		ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
o-Dichlorobenzene	600	ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
trans-1,2-Dichloroethene	100	ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
trans-1,3-Dichloropropene		ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
trans-1,4-Dichloro-2-butene		ug/l	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

¹⁾ - Maximum Contaminant Level (MCL) or Secondary Drinking Water Standard (SDWS), as established in Chapter 62-550. Analyte concentrations shown with shading represent an exceedance of the MCL or SDWS.

U = Compound was analyzed but not detected. I = Reported value is between the laboratory method detection limit and the laboratory practical quantitation limit. J = estimated value.

Table 3
Leachate Analytical Summary
Hardee County Landfill
Second Half 2012

Analyte	Location:		Phase I Leachate
	Sample Identifier:		Manhole 9
	Date of Sample:		01/10/13
	Standard(1)	Units	
Field Measurements			
Temperature		deg. C	24.5
pH		STD	6.26
Conductivity		umhos/cm	1070
Dissolved Oxygen (DO)		mg/l	0.400
Inorganics			
Antimony		mg/L	0.00200 U
Arsenic	5	mg/L	0.00480
Barium	100	mg/L	0.0407
Beryllium		mg/L	0.000500 U
Cadmium	1	mg/L	0.00100 U
Chloride		mg/L	108
Chromium	5	mg/L	0.00388
Cobalt		mg/L	0.00141 I
Copper		mg/L	0.00100 U
Cyanide		mg/L	0.00500 U
Iron		mg/L	6.97
Lead	5	mg/L	0.00100 U
Mercury	0.2	mg/L	0.0000200 U
Nickel		mg/L	0.00932
Nitrate		mg/L	0.0100 U
Selenium	1	mg/L	0.00232 I
Silver	5	mg/L	0.000500 U
Sodium		mg/L	59.7
Sulfide		mg/L	1.36
Total Alkalinity (as CaCO3)		mg/l	351
Total Ammonia - N		mg/L	20.9
Thallium		mg/L	0.00100 U
Tin as SN		mg/L	0.00500 U
Total Dissolved Solids (TDS)		mg/L	606
Vanadium		mg/L	0.00580
Zinc		mg/L	0.0100 U
Pesticides & Herbicides			
2,4,5-T		ug/l	0.250 U
2,4,5-TP (Silvex)	1,000	ug/l	0.250 U
2,4-D	10,000	ug/l	0.250 U
4,4-DDD		ug/l	0.0200 U
4,4-DDE		ug/l	0.0200 U
4,4-DDT		ug/l	0.0200 U
a-BHC		ug/l	0.0200 U
Aldrin		ug/l	0.0200 U
b-BHC		ug/l	0.0100 U
Chlordane	30	ug/l	0.0100 U
d-BHC		ug/l	0.0100 U
Dieldrin		ug/l	0.0200 U
Dinoseb		ug/l	0.250 U
Endosulfan Sulfate		ug/l	0.0200 U
Endosulfan-I		ug/l	0.0100 U
Endosulfan-II		ug/l	0.0100 U
Endrin	20	ug/l	0.0100 U
Endrin Aldehyde		ug/l	0.0200 U
g-BHC (Lindane)	400	ug/l	0.0100 U
Heptachlor	130	ug/l	0.0100 U
Heptachlor Epoxide	130	ug/l	0.0100 U
Methoxychlor	10,000	ug/l	0.0100 U
Pentachlorophenol	100,000	ug/l	0.400 U
Toxaphene	500	ug/l	0.500 U

Analyte	Location:		Phase I Leachate
	Sample Identifier:		Manhole 9
	Date of Sample:		01/10/13
	Standard(1)	Units	
PCBs			
Arochlor 1016		ug/l	0.100 U
Arochlor 1221		ug/l	0.100 U
Arochlor 1232		ug/l	0.100 U
Arochlor 1242		ug/l	0.100 U
Arochlor 1248		ug/l	0.100 U
Arochlor 1254		ug/l	0.100 U
Arochlor 1260		ug/l	0.100 U
Organics, Acid Extractables			
2,4,6-Trichlorophenol	2.000	ug/l	2.0 U
2,3,4,6-Tetrachlorophenol		ug/l	2.0 U
2,4,5-Trichlorophenol	400.000	ug/l	1.00 U
2,4-Dichlorophenol		ug/l	1.00 U
2,4-Dimethylphenol		ug/l	2.00 U
2,4-Dinitrophenol		ug/l	5.00 U
2,6-Dichlorophenol		ug/l	1.00 U
2-Nitrophenol		ug/l	2.00 U
4-Nitrophenol		ug/l	2.00 U
Phenol		ug/l	2.00 U
Base Neutrals			
1,2,4,5-Tetrachlorobenzene		ug/l	2.00 U
1,4-Naphthoquinone		ug/l	10.0 U
1-Naphthylamine		ug/l	10.0 U
2,4-Dinitrotoluene	130	ug/l	0.200 U
2,6-Dinitrotoluene		ug/l	2.00 U
2-Acetylaminoflourene		ug/l	10.0 U
2-Chloronaphthalene		ug/l	2.00 U
2-Chlorophenol		ug/l	2.00 U
2-Methyl-4,6-dinitrophenol		ug/l	2.00 U
2-Methylnaphthalene		ug/l	2.00 U
2-Naphthylamine		ug/l	2.00 U
p-Nitroaniline		ug/l	2.00 U
3,3-Dichlorobenzidine		ug/l	2.00 U
3,3-Dimethylbenzidine		ug/l	2.00 U
3-Methylcholanthrene		ug/l	10.0 U
4-Aminobiphenyl		ug/l	10.0 U
4-Bromophenyl-phenylether		ug/l	2.00 U
4-Chlorophenylphenylether		ug/l	2.00 U
5-Nitro-o-toluidine		ug/l	2.00 U
7,12-Dimethylbenz(a)anthracene		ug/l	10.0 U
Acenaphthene		ug/l	2.00 U
Acenaphthylene		ug/l	2.00 U
Acetophenone		ug/l	10.0 U
Anthracene		ug/l	2.00 U
Benzo(a)anthracene		ug/l	0.200 U
Benzo(a)pyrene		ug/l	1.00 U
Benzo(b)flouranthene		ug/l	0.100 U
Benzo(g,h,i)perylene		ug/l	2.00 U
Benzo(k)flouranthene		ug/l	1.00 U
Benzyl alcohol		ug/l	5.00 U
Bis(2-chloroethoxy)methane		ug/l	2.00 U
Bis(2-chloroethyl)ether		ug/l	2.00 U
Bis(2-ethylhexyl)phthalate		ug/l	3.00 U
Butylbenzylphthalate		ug/l	3.00 U
Chlorobenzilate		ug/l	0.800 U
Chrysene		ug/l	2.00 U
Diallate		ug/l	2.00 U

Analyte	Location:		Phase I Leachate
	Sample Identifier:		Manhole 9
	Date of Sample:		01/10/13
	Standard(1)	Units	
Dibenz(a,h)anthracene		ug/l	0.200 U
Dibenzofuran		ug/l	5.00 U
Diethylphthalate		ug/l	3.00 U
Dimethoate		ug/l	2.00 U
Dimethylphthalate		ug/l	3.00 U
Di-N-butylphthalate		ug/l	3.00 U
Di-N-octylphthalate		ug/l	3.00 U
Disulfoton		ug/l	0.300 U
Ethyl methanesulfonate		ug/l	20.0 U
Famphur		ug/l	2.00 U
Flouranthene		ug/l	2.00 U
Flourene		ug/l	2.00 U
Hexachlorobenzene	130	ug/l	1.00 U
Hexachlorobutadiene	500	ug/l	2.00 U
Hexachlorocyclopentadiene		ug/l	2.00 U
Hexachloroethane	3.000	ug/l	2.00 U
Hexylchloropropene		ug/l	10.0 U
Indeno(1,2,3-cd)pyrene		ug/l	0.200 U
Isodrin		ug/l	20.0 U
Isophorone		ug/l	2.00 U
Isosafrole		ug/l	10.0 U
Kepone		ug/l	2.00 U
Methapyrilene		ug/l	20.0 U
Methyl parathion		ug/l	0.500 U
Methyl methanesulfonate		ug/l	10.0 U
Nitrobenzene	2,000	ug/l	2.00 U
N-Nitrosodiethylamine		ug/l	3.00 U
N-Nitrosodimethylamine		ug/l	3.00 U
N-Nitroso di-n-butylamine		ug/l	2.00 U
N-Nitrosodi-n-propylamine		ug/l	2.00 U
N-Nitrosodiphenylamine		ug/l	3.00 U
N-Nitrosomethylmethylaniline		ug/l	3.00 U
N-Nitrosopiperidine		ug/l	10.0 U
N-Nitrosopyrrolidine		ug/l	2.00 U
O,O-Diethyl-0,2-pyrazinylphosphorothioate		ug/l	10.0 U
O,O,O-Triethylphosphorothioate		ug/l	10.0 U
Ortho-toluidine		ug/l	2.00 U
P-(Dimethylamino)azobenzene		ug/l	10.0 U
P-Chloro-m-creosol		ug/l	2.00 U
P-Chloroaniline		ug/l	10.0 U
P- Creosol		ug/l	2.00 U
P-Phenylenediamine		ug/l	10.0 U
P-nitroaniline		ug/l	2.00 U
Pentachlorobenzene		ug/l	0.300 U
Pentachloronitrobenzene		ug/l	0.300 U
Phenacetin		ug/l	20.0 U
Phenanathrene		ug/l	2.00 U
Phorate		ug/l	1.00 U
Pronamide		ug/l	10.0 U
Pyrene	5,000	ug/l	2.00 U
Saffrole		ug/l	10.0 U
Volatile Organics			
1,1,1,2-Tetrachloroethane		ug/l	0.500 U
1,1,1-Trichloroethane		ug/l	0.500 U
1,1,2,2-Tetrachloroethane		ug/l	0.100 U
1,1,2-Trichloroethane		ug/l	0.500 U
1,2-Dibromoethane (EDB)		ug/l	0.0100 U
1,2-Dibromo-3-chloropropane		ug/l	0.0200 U
1,1-Dichloroethane		ug/l	0.500 U
1,1-Dichloroethene	700	ug/l	0.500 U

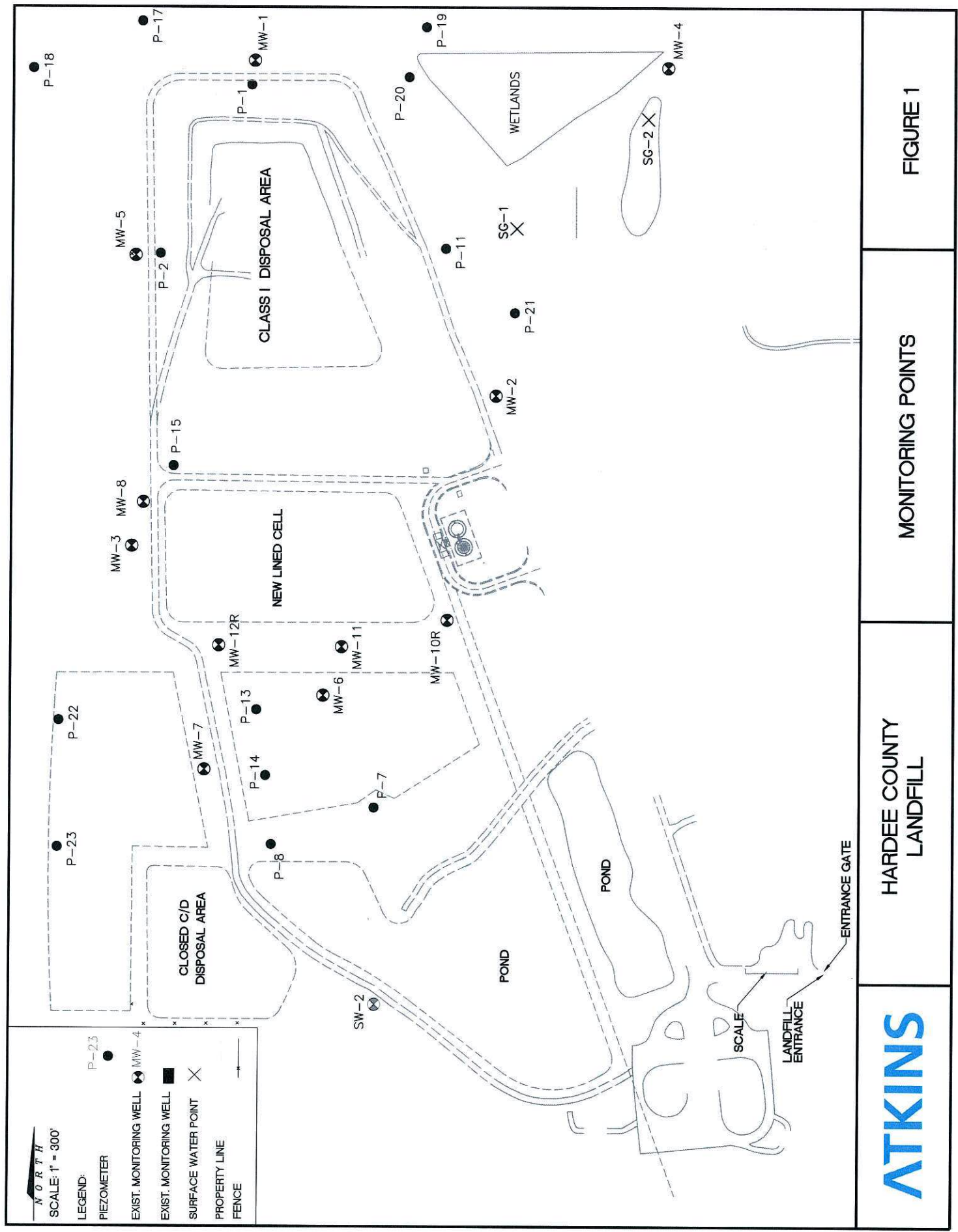
Analyte	Location:		Phase I Leachate
	Sample Identifier:		Manhole 9
	Date of Sample:		01/10/13
	Standard(1)	Units	
1,1-Dichloropropene		ug/l	0.200 U
1,2,3-Trichloropropane		ug/l	0.0200 U
1,2,4-Trichlorobenzene		ug/l	0.500 U
1,2-Dichloroethane	500	ug/l	0.500 U
1,2-Dichloropropane		ug/l	0.200 U
1,3-Dichloropropane		ug/l	0.300 U
2,2-Dichloropropane		ug/l	0.500 U
2-Butanone (MEK)	200,000	ug/l	0.500 U
2-Hexanone		ug/l	0.500 U
Acetone		ug/l	5.00 U
Acetonitrile		ug/l	1.00 U
Acrolein		ug/l	3.50 U
Acrylonitrile		ug/l	0.300 U
Benzene	500	ug/l	0.500 U
Bromochloromethane		ug/l	0.100 U
Bromodichloromethane		ug/l	0.100 U
Bromoform		ug/l	0.500 U
Bromomethane		ug/l	0.500 U
Carbon disulfide		ug/l	1.00 U
Carbon tetrachloride	500	ug/l	0.500 U
Chlorobenzene	100,000	ug/l	0.930 I
Chloroethane		ug/l	0.500 U
Chloroform	6,000	ug/l	0.500 U
Chloromethane		ug/l	0.500 U
Chloroprene		ug/l	5.00 U
cis-1,2-Dichloroethene		ug/l	0.200 U
cis-1,3-Dichloropropene		ug/l	0.500 U
Dibromochloromethane		ug/l	0.400 U
Dibromomethane		ug/l	0.500 U
Dichlorodifluoromethane		ug/l	0.500 U
Ethyl methacrylate		ug/l	0.500 U
Ethylbenzene		ug/l	0.500 U
Isobutyl alcohol		ug/l	1.00 U
m-Dichlorobenzene		ug/l	0.500 U
o-Dichlorobenzene		ug/l	0.500 U
Methacrylonitrile		ug/l	0.500 U
Methyl methacrylate		ug/l	2.00 U
Methylene chloride		ug/l	1.00 U
Naphthalene		ug/l	2.00 U
Para-dichlorobenzene		ug/l	0.540 I
Propionitrile		ug/l	1.00 U
Styrene		ug/l	0.500 U
Tetrachloroethene	700	ug/l	0.500 U
Toluene		ug/l	0.500 U
Total xylenes		ug/l	1.00 U
trans-1,2-Dichloroethene		ug/l	0.500 U
trans-1,3-Dichloropropene		ug/l	0.500 U
trans-1,4-Dichloro-2-butene		ug/l	1.00 U
Trichloroethene	500	ug/l	0.500 U
Trichlorofluoromethane		ug/l	0.500 U
Vinyl acetate		ug/l	5.00 U
Vinyl chloride	200	ug/l	0.500 U

Notes: (1) - Regulatory standard listed in 40 CFR Part 261.24.

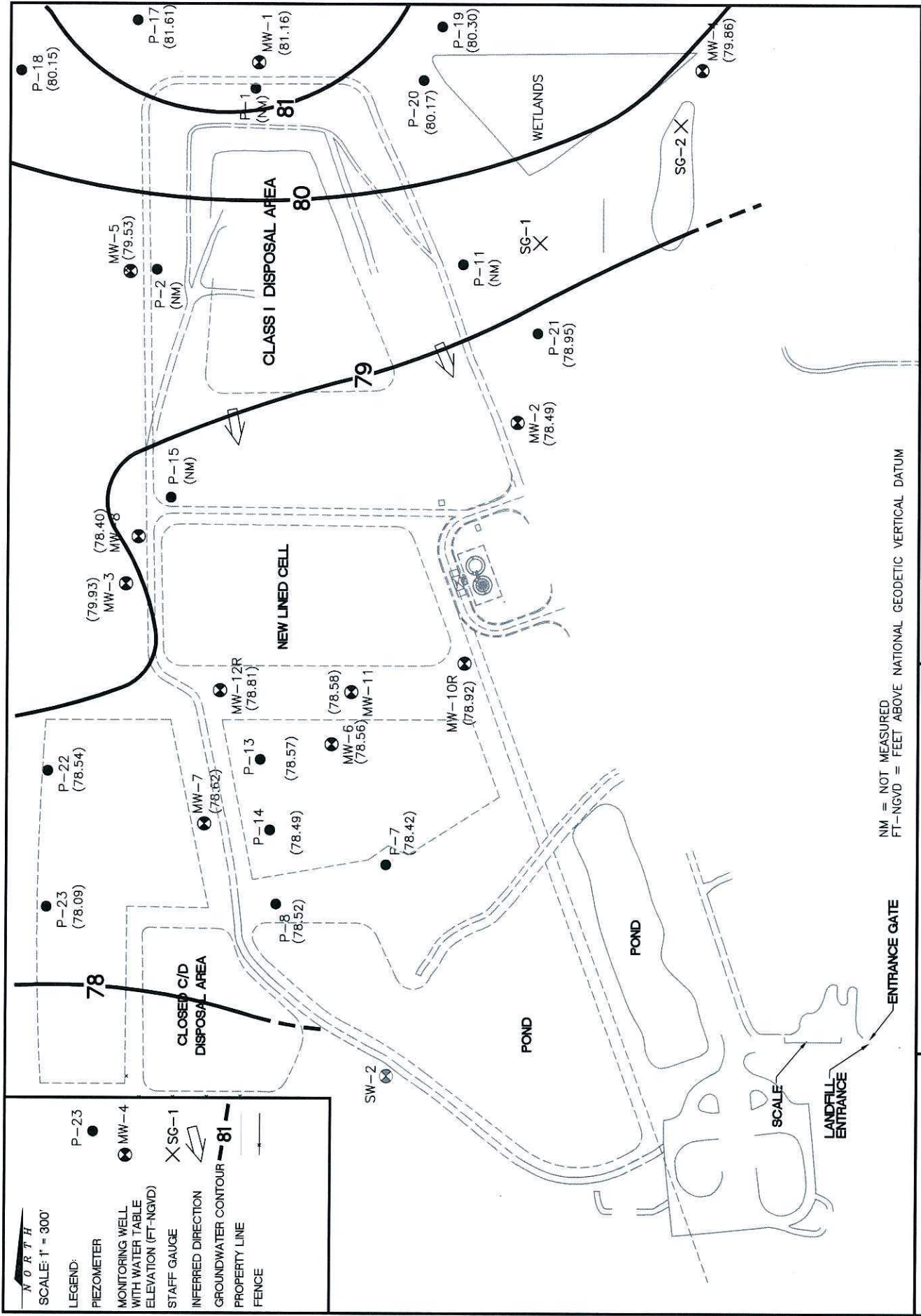
I = between MDL and PQL

Abbreviations: U = below detection limits; mg/l = milligrams per liter; ug/l = micrograms per liter.

FIGURES



ATKINS	HARDEE COUNTY LANDFILL	MONITORING POINTS	FIGURE 1
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NM = NOT MEASURED
 FT-NGVD = FEET ABOVE NATIONAL GEODETIC VERTICAL DATUM

ATKINS	HARDEE COUNTY LANDFILL	WATER TABLE ELEVATION CONTOUR MAP SECOND HALF 2012	FIGURE 2
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ATTACHMENT A

Ground Water Monitoring Report Form

Florida Department of Environmental Protection

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

DEP Form # <u>62-522.900(2)</u>
Form Title <u>Ground Water Monitoring Report</u>
Effective Date _____
DEP Application No. _____

GROUND WATER MONITORING REPORT

Rule 62-522.600(11)

PART I GENERAL INFORMATION

- (1) Facility Name Hardee County Solid Waste Disposal Facility
Address 685 Airport Road
City Wauchula, Florida Zip 33873
Telephone Number (863) 733-5089
- (2) The GMS Identification Number 4025C30001
- (3) DEP Permit Number 38414-011-SO
- (4) Authorized Representative Name Bradley J. Bayne, PG, Atkins
Address 4030 West Boy Scout Boulevard, Suite 700
City Tampa, Florida Zip 33607
Telephone Number (813) 281-8377
- (5) Type of Discharge N/A
- (6) Method of Discharge N/A

Certification

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

Date: 2-22-13 Bradley J Bayne 26 1133
Signature of Owner or Authorized Representative

PART II QUALITY ASSURANCE REQUIREMENTS

Sample Organization Comp QAP # Atkins (subcontracted to Flowers Chemical Laboratories)

Analytical Lab Comp QAP # /HRS Certification # E83018

*Comp QAP # /HRS Certification # _____

Lab #1: Flowers Chemical Laboratories, Inc. , 481 Newburyport Avenue, Altamonte Springs, FL 32715

Lab #2 _____

Phone Number (407) 339-5984

PART III ANALYTICAL RESULTS

Facility GMS #: _____ Sampling Date/Time: January 2013
 Test Site ID #: _____ Report Period: Second Half 2012
 (year/quarter)

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

Classification of Ground Water: _____ Well Type: () Background
 () Intermediate
 Ground Water Elevation (NGVD): _____ () Compliance
 () Other
 or (MSL): _____

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

* Attach Laboratory Reports

ATTACHMENT B

Groundwater Sampling Logs and Field Equipment Calibration Logs

Form FD 9000-24

SITE NAME:	HARDEE COUNTY	SITE LOCATION:	685 AIRPORT RD, WAUCHULA, FL
WELL NO:	MW-1	SAMPLE ID:	MW-1
		DATE:	1/10/13

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:				SAMPLER(S) SIGNATURE(S)			SAMPLING INITIATED AT:		SAMPLING ENDED AT:	
PUMP OR TUBING DEPTH IN WELL (feet):				TUBING MATERIAL CODE:			FIELD-FILTERED: Y		Filtration Equipment Type:	
FIELD DECONTAMINATION: PUMP - Y				TUBING Y N (replaced)			DUPLICATE: Y		FILTER SIZE: _____ μm	
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
REMARKS:										
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify) SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)										
NOTES: 1. The above do not constitute all of the information required by Chapter 62.160, F.A.C.										

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.

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

Revision Date: February 12, 2009

Form FD 9000-24

SITE NAME: HARDEE COUNTY LANDFILL		SITE LOCATION: 685 AIRPORT RD, WAUCHULA, FL	
WELL NO: MW-2	SAMPLE ID: MW-2	DATE: 1/10/13	

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:				SAMPLER(S) SIGNATURE(S):			SAMPLING INITIATED AT:		SAMPLING ENDED AT:	
PUMP OR TUBING DEPTH IN WELL (feet):				TUBING MATERIAL CODE:			FIELD-FILTERED: Y		FILTER SIZE: _____ μm	
FIELD DECONTAMINATION: PUMP Y				TUBING Y			N (replaced)		DUPLICATE: Y	
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
REMARKS:										
1										
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; 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, 5 A.C.										

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: 200 µmhos/cm

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

Revision Date: February 12, 2009

Form FD 9000-24

[illegible]

SAMPLED BY (PRINT) / AFFILIATION:							SAMPLER(S) SIGNATURE(S)		SAMPLING INITIATED AT:		SAMPLING ENDED AT:
PUMP OR TUBING DEPTH IN WELL (feet):			TUBING MATERIAL CODE:	FIELD-FILTERED: Y			Filtration Equipment Type:		FILTER SIZE: _____ µm		
FIELD DECONTAMINATION: PUMP Y			TUBING Y N (replaced)			DUPLICATE: Y					
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)		
REMARKS:											
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)											
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)											
NOTES: 1. The above do not constitute all of the information required by Chapter C-3.400 - 5.1.0.											

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

Revision Date: February 12, 2009

GROUNDWATER SAMPLING LOG

SITE NAME: HARPER CO. LF		SITE LOCATION: 685 AIRPORT RD, WAYCHULA, FL	
WELL NO: MW-8	SAMPLE ID: MW-8	DATE: 1/10/13	
PURGING DATA			

PURGING DATA

[illegible]

SAMPLING DATA

[illegible]

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA: RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units Temperature: $\pm 0.2^{\circ}\text{C}$ Specific Conductance: $\pm 5\%$

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

Revision Date: February 12, 2009

Form FD 9000-24

SAMPLING DATA

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: $+0.2^{\circ}\text{C}$.

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

Revision Date: February 12, 2009

Form FD 9000-24

SITE NAME: HARDEE CO LF		SITE LOCATION: 685 AIRPORT RD, WACHULA, FL	
WELL NO: MW-11	SAMPLE ID: MW-11	DATE: 1/10/13	

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:				SAMPLER(S) SIGNATURE(S):			SAMPLING INITIATED AT:		SAMPLING ENDED AT:	
RAYMONDO CASTRO				Raymondo Castro			15:35		15:37	
PUMP OR TUBING DEPTH IN WELL (feet): 12				TUBING MATERIAL CODE: TPE			FIELD-FILTERED: Y ☒ N ☐		Filtration Equipment Type: _____	
FIELD DECONTAMINATION: PUMP Y ☐ N ☒				TUBING Y ☐ N (replaced) ☒			DUPLICATE: Y ☐ N ☒		FILTER SIZE: _____ µm	
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
REMARKS:										
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)										
NOTES: 1. The above do not constitute all of the information required by Chapter 62.160, F.A.C.										

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

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

Revision Date: February 12, 2009

Form FD 9000-24

SITE NAME:	HARDEE CO LF	SITE LOCATION:	685 AIRPORT RD, WAUCHULA FL
WELL NO:	MW-12R	SAMPLE ID:	MW-12R
		DATE:	1/10/13

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:		SAMPLER(S) SIGNATURE(S)	SAMPLING INITIATED AT:	SAMPLING ENDED AT:				
RAYMONDO CASTRO		Raymondo Castro	15:01	15:03				
PUMP OR TUBING DEPTH IN WELL (feet):	13	TUBING MATERIAL CODE: T-PE	FIELD-FILTERED: Y Filtration Equipment Type.	FILTER SIZE: _____ μm				
FIELD DECONTAMINATION: PUMP Y N		TUBING Y N (replaced)		Duplicate: Y N				
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION		INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)			
REMARKS:								
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)								
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)								
NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C. 2. On _____ at _____								

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

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: + 100 µmhos/cm

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

Revision Date: February 12, 2009

PURGING DATA

SAMPLING DATA

SEE CHAIN OF CUSTODY

pH: + 0.2 units Temperature: + 0.3 °C Specific Gravity: + 0.0050

Revision Date: February 12, 2009

INSTRUMENT (MAKE/MODEL#) VSI MODEL 556 INSTRUMENT # 1110K100958
PARAMETER: [check only one] RENTED FROM CYCLONE INSTRUMENTS

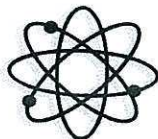
STANDARDS: [Specify the type(s) of standards used for calibration, the origin of the standards, the standard values, and the date the standards were prepared or purchased]

Standard C _____

Revision Date: January 1, 2002

ATTACHMENT C

Groundwater and Leachate Laboratory Analytical Reports



FLOWERS CHEMICAL LABORATORIES INC.

P.O. Box 150597, Altamonte Springs FL 32715-0597
571 NW Mercantile Pl. Suite 111, Port St. Lucie FL 34986
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E86562 (South Lab)
E82405 (North Lab)
E35834 (Keys Lab)

Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

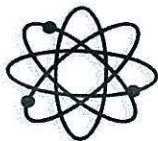
PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jan 10, 2013
Jan 28, 2013; Invoice: 195184

Report Summary

Date Received: Jan 11, 2013

FCL Project Manager: June S. Flowers

Laboratory #	Sample Description	Analysis	Chemist	Location	Sample Matrix
195184GW1	MW #1/296	EPA350.1	PCW	Main Lab	Ground Water
		EPA353.2	PCW	Main Lab	
		EPA6010	EVB	Main Lab	
		EPA6020	EVB	Main Lab	
		EPA7470	EVB	Main Lab	
		EPA8011	DLJ	Main Lab	
		EPA8260	CLS	Main Lab	
		FT1000	RJC	Main Lab	
		FT1100	RJC	Main Lab	
		FT1200	RJC	Main Lab	
		FT1400	RJC	Main Lab	
		FT1500	RJC	Main Lab	
		FT1600	RJC	Main Lab	
		SM2540 C	PLB	Main Lab	
		SM4500-CI E	MAC	Main Lab	
195184GW2	MW #2/297	EPA350.1	PCW	Main Lab	Ground Water
		EPA353.2	PCW	Main Lab	
		EPA6010	EVB	Main Lab	
		EPA6020	EVB	Main Lab	
		EPA7470	EVB	Main Lab	
		EPA8011	DLJ	Main Lab	
		EPA8260	CLS	Main Lab	
		FT1000	RJC	Main Lab	
		FT1100	RJC	Main Lab	
		FT1200	RJC	Main Lab	
		FT1400	RJC	Main Lab	
		FT1500	RJC	Main Lab	
		FT1600	RJC	Main Lab	
		SM2540 C	PLB	Main Lab	
		SM4500-CI E	MAC	Main Lab	
195184GW3	MW #4/299	EPA350.1	PCW	Main Lab	Ground Water
		EPA353.2	PCW	Main Lab	
		EPA6010	EVB	Main Lab	
		EPA6020	EVB	Main Lab	
		EPA7470	EVB	Main Lab	
		EPA8011	DLJ	Main Lab	
		EPA8260	CLS	Main Lab	
		FT1000	RJC	Main Lab	
		FT1100	RJC	Main Lab	
		FT1200	RJC	Main Lab	
		FT1400	RJC	Main Lab	
		FT1500	RJC	Main Lab	



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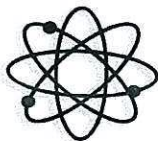
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195184GW4	MW #5/300	FT1600	RJC	Main Lab	Ground Water
		SM2540 C	PLB	Main Lab	
		SM4500-CI E	MAC	Main Lab	
		EPA350.1	PCW	Main Lab	
		EPA353.2	PCW	Main Lab	
		EPA6010	EVB	Main Lab	
		EPA6020	EVB	Main Lab	
		EPA7470	EVB	Main Lab	
		EPA8011	DLJ	Main Lab	
		EPA8260	CLS	Main Lab	
		FT1000	RJC	Main Lab	
		FT1100	RJC	Main Lab	
		FT1200	RJC	Main Lab	
		FT1400	RJC	Main Lab	
195184GW5	MW-8/19255	FT1500	RJC	Main Lab	Ground Water
		FT1600	RJC	Main Lab	
		SM2540 C	PLB	Main Lab	
		SM4500-CI E	MAC	Main Lab	
		EPA350.1	PCW	Main Lab	
		EPA353.2	PCW	Main Lab	
		EPA6010	EVB	Main Lab	
		EPA6020	EVB	Main Lab	
		EPA7470	EVB	Main Lab	
		EPA8011	DLJ	Main Lab	
		EPA8260	CLS	Main Lab	
		FT1000	RJC	Main Lab	
		FT1100	RJC	Main Lab	
		FT1200	RJC	Main Lab	
195184GW6	MW-10R/22930	FT1400	RJC	Main Lab	Ground Water
		FT1500	RJC	Main Lab	
		FT1600	RJC	Main Lab	
		SM2540 C	PLB	Main Lab	
		SM4500-CI E	MAC	Main Lab	
		EPA350.1	PCW	Main Lab	
		EPA353.2	PCW	Main Lab	
		EPA6010	EVB	Main Lab	
		EPA6020	EVB	Main Lab	
		EPA7470	EVB	Main Lab	
		EPA8011	DLJ	Main Lab	
		EPA8260	CLS	Main Lab	
		FT1000	RJC	Main Lab	
		FT1100	RJC	Main Lab	
FT1200	RJC	Main Lab			
FT1400	RJC	Main Lab			
FT1500	RJC	Main Lab			
FT1600	RJC	Main Lab			
SM2540 C	PLB	Main Lab			



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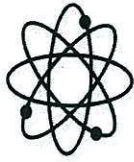
195184GW7	MW-11/21882	SM4500-CI E	MAC	Main Lab	Ground Water
		EPA350.1	PCW	Main Lab	
		EPA353.2	PCW	Main Lab	
		EPA6010	EVB	Main Lab	
		EPA6020	EVB	Main Lab	
		EPA7470	EVB	Main Lab	
		EPA8011	DLJ	Main Lab	
		EPA8260	CLS	Main Lab	
		FT1000	RJC	Main Lab	
		FT1100	RJC	Main Lab	
		FT1200	RJC	Main Lab	
		FT1400	RJC	Main Lab	
		FT1500	RJC	Main Lab	
		FT1600	RJC	Main Lab	
		SM2540 C	PLB	Main Lab	
		195184GW8	MW-12R/21883	SM4500-CI E	
EPA350.1	PCW			Main Lab	
EPA353.2	PCW			Main Lab	
EPA6010	EVB			Main Lab	
EPA6020	EVB			Main Lab	
EPA7470	EVB			Main Lab	
EPA8011	DLJ			Main Lab	
EPA8260	CLS			Main Lab	
FT1000	RJC			Main Lab	
FT1100	RJC			Main Lab	
FT1200	RJC			Main Lab	
FT1400	RJC			Main Lab	
FT1500	RJC			Main Lab	
FT1600	RJC			Main Lab	
SM2540 C	PLB			Main Lab	
SM4500-CI E	MAC			Main Lab	

Certificate of Results

Sample integrity was certified prior to analysis. Test results meet all requirements of the NELAC Standards except as noted in the Quality Control Report. Uncertainties for these data are available on request. This report may not be reproduced in part; results relate only to items tested.



Jefferson S. Flowers, Ph.D.
President/Technical Director



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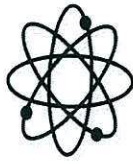
Date Sampled: Jan 10, 2013

Jan 28, 2013; Invoice: 195184

Analysis Report

Lab #: 195184GW1 Sampled: 01/10/13 12:11 PM Desc: MW #1/296

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Chloride	16.8	mg/L	1.00	4.00	8.00	10196950	SM4500-CI E	16887-00-6	01/14/13
Nitrate(as N)	0.0343	mg/L	1.00	0.0100	0.0200	10214489	EPA353.2	14797-55-8	01/11/13 04:10 PM
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10214690	EPA6020	7440-36-0	01/14/13
Arsenic	0.00366	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-38-2	01/14/13
Barium	0.0106	mg/L	1.00	0.00200	0.00400	10214690	EPA6020	7440-39-3	01/14/13
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10214690	EPA6020	7440-41-7	01/14/13
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-43-9	01/14/13
Chromium	0.00645	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-47-3	01/14/13
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-48-4	01/14/13
Copper	0.00213	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-50-8	01/14/13
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7439-92-1	01/14/13
Nickel	0.00206	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-02-0	01/14/13
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10214690	EPA6020	7782-49-2	01/14/13
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10214690	EPA6020	7440-22-4	01/14/13
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-28-0	01/14/13
Vanadium	0.0191	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-62-2	01/14/13
Zinc	0.0100 U	mg/L	1.00	0.0100	0.0200	10214690	EPA6020	7440-66-6	01/14/13
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10214771	EPA7470	7439-97-6	01/16/13
TDS	264	mg/L	1.00	2.50	5.00	10214800	SM2540 C	10-33-3	01/15/13
Iron	6.59	mg/L	1.00	0.0100	0.0200	10214805	EPA6010	7439-89-6	01/16/13
Sodium	11.4	mg/L	1.00	0.500	1.00	10214805	EPA6010	7440-23-5	01/16/13
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	630-20-6	01/17/13
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	71-55-6	01/17/13
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10215012	EPA8260	79-34-5	01/17/13
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	79-00-5	01/17/13
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	75-34-3	01/17/13
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	75-35-4	01/17/13



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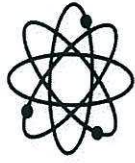
Client Project #: HARDEE COUNTY REGIONAL LAN

Date Sampled: Jan 10, 2013

Jan 28, 2013; Invoice: 195184

Lab #: 195184GW1 Sampled: 01/10/13 12:11 PM Desc: MW #1/296

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	107-06-2	01/17/13
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10215012	EPA8260	78-87-5	01/17/13
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	78-93-3	01/17/13
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	591-78-6	01/17/13
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10215012	EPA8260	67-64-1	01/17/13
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10215012	EPA8260	107-13-1	01/17/13
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	71-43-2	01/17/13
Bromochloromethane	0.100 U	ug/L	1.00	0.100	1.00	10215012	EPA8260	074-97-5	01/17/13
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10215012	EPA8260	75-27-4	01/17/13
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	75-25-2	01/17/13
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	74-83-9	01/17/13
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10215012	EPA8260	75-15-0	01/17/13
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	56-23-5	01/17/13
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	108-90-7	01/17/13
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	75-00-3	01/17/13
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	67-66-3	01/17/13
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	74-87-3	01/17/13
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10215012	EPA8260	124-48-1	01/17/13
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	074-95-3	01/17/13
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	100-41-4	01/17/13
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10215012	EPA8260	074-88-4	01/17/13
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10215012	EPA8260	108-10-1	01/17/13
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10215012	EPA8260	75-09-2	01/17/13
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	106-46-7	01/17/13
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	100-42-5	01/17/13
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	127-18-4	01/17/13
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	108-88-3	01/17/13
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	79-01-6	01/17/13
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	75-69-4	01/17/13



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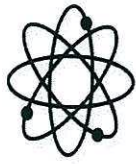
Jan 28, 2013; Invoice: 195184

Lab #: 195184GW1 Sampled: 01/10/13 12:11 PM Desc: MW #1/296

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Vinyl Acetate	5.00 U	ug/L	1.00	5.00	10.0	10215012	EPA8260	108-05-4	01/17/13
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	75-01-4	01/17/13
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10215012	EPA8260	1330-20-7	01/17/13
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10215012	EPA8260	156-59-2	01/17/13
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	10061-01-5	01/17/13
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	95-50-1	01/17/13
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	156-60-5	01/17/13
trans-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	10061-02-6	01/17/13
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10215012	EPA8260	110-57-6	01/17/13
Surr:1,2-Dichloroethane-d4 (77-129%)	114.00%		1.00	0.0100	0.0100	10215012	EPA8260		01/17/13
Surr:Bromofluorobenzene (82-122%)	80.60%		1.00	1.00	1.00	10215012	EPA8260	460-00-4	01/17/13
Surr:Toluene-d8 (80-120%)	91.00%		1.00	0.0100	0.0100	10215012	EPA8260		01/17/13
1,2,3-Trichloropropene	0.0200 U	ug/L	1.00	0.0100	0.0100	10215012	EPA8260	096-18-4	01/17/13
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0400	10215246	EPA8011	106-93-4	01/17/13
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10215246	EPA8011	96-12-8	01/17/13
Ammonia (as N)	0.134	mg/L	1.00	0.0100	0.0200	10215260	EPA350.1	7664-41-7	01/22/13
Field Ground Water Elevation	81.2	ft	1.00	-10.0	-10.0	10215724	FT1000		01/10/13
Field pH (units)	4.35	pH	1.00	0.0100	0.0200	10215724	FT1100	C006	01/10/13
Field Conductivity	160	umhos/cm	1.00	0.100	0.100	10215724	FT1200		01/10/13
Field Temp. (C)	21.8	oC	1.00	0.100	0.100	10215724	FT1400		01/10/13
Field DO	1.80	mg/L	1.00	0.100	0.100	10215724	FT1500		01/10/13
Field Turbidity	26.1	NTU	1.00	0.100	0.100	10215724	FT1600		01/10/13

Lab #: 195184GW2 Sampled: 01/10/13 09:52 AM Desc: MW #2/297

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Chloride	24.8	mg/L	1.00	4.00	8.00	10196950	SM4500-Cl E	16887-00-6	01/14/13
Nitrate(as N)	0.285	mg/L	1.00	0.0100	0.0200	10214489	EPA353.2	14797-55-8	01/11/13 04:14 PM
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10214690	EPA6020	7440-36-0	01/14/13
Arsenic	0.00100 U	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-38-2	01/14/13



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E83018 (Main Lab)
E86562 (South Lab)
E82405 (North Lab)
E35834 (Keys Lab)

Atkins-Tampa
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Tampa, FL 33607

PO #: 40612

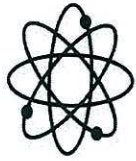
Client Project #: HARDEE COUNTY REGIONAL LAN

Date Sampled: Jan 10, 2013

Jan 28, 2013; Invoice: 195184

Lab #: 195184GW2 Sampled: 01/10/13 09:52 AM Desc: MW #2/297

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Barium	0.0174	mg/L	1.00	0.00200	0.00400	10214690	EPA6020	7440-39-3	01/14/13
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10214690	EPA6020	7440-41-7	01/14/13
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-43-9	01/14/13
Chromium	0.00208	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-47-3	01/14/13
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-48-4	01/14/13
Copper	0.00100 U	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-50-8	01/14/13
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7439-92-1	01/14/13
Nickel	0.00298	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-02-0	01/14/13
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10214690	EPA6020	7782-49-2	01/14/13
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10214690	EPA6020	7440-22-4	01/14/13
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-28-0	01/14/13
Vanadium	0.00100 U	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-62-2	01/14/13
Zinc	0.0100 U	mg/L	1.00	0.0100	0.0200	10214690	EPA6020	7440-66-6	01/14/13
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10214771	EPA7470	7439-97-6	01/16/13
TDS	312	mg/L	1.00	2.50	5.00	10214800	SM2540 C	10-33-3	01/15/13
Iron	1.34	mg/L	1.00	0.0100	0.0200	10214805	EPA6010	7439-89-6	01/16/13
Sodium	15.2	mg/L	1.00	0.500	1.00	10214805	EPA6010	7440-23-5	01/16/13
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	630-20-6	01/17/13
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	71-55-6	01/17/13
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10215012	EPA8260	79-34-5	01/17/13
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	79-00-5	01/17/13
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	75-34-3	01/17/13
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	75-35-4	01/17/13
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	107-06-2	01/17/13
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10215012	EPA8260	78-87-5	01/17/13
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	78-93-3	01/17/13
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	591-78-6	01/17/13
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10215012	EPA8260	67-64-1	01/17/13
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10215012	EPA8260	107-13-1	01/17/13



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Tampa, FL 33607

PO #: 40612

Client Project #: HARDEE COUNTY REGIONAL LAN

Date Sampled: Jan 10, 2013

Jan 28, 2013; Invoice: 195184

Lab #: 195184GW2 Sampled: 01/10/13 09:52 AM Desc: MW #2/297

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	71-43-2	01/17/13
Bromochloromethane	0.100 U	ug/L	1.00	0.100	1.00	10215012	EPA8260	074-97-5	01/17/13
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10215012	EPA8260	75-27-4	01/17/13
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	75-25-2	01/17/13
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	74-83-9	01/17/13
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10215012	EPA8260	75-15-0	01/17/13
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	56-23-5	01/17/13
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	108-90-7	01/17/13
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	75-00-3	01/17/13
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	67-66-3	01/17/13
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	74-87-3	01/17/13
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10215012	EPA8260	124-48-1	01/17/13
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	074-95-3	01/17/13
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	100-41-4	01/17/13
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10215012	EPA8260	074-88-4	01/17/13
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10215012	EPA8260	108-10-1	01/17/13
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10215012	EPA8260	75-09-2	01/17/13
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	106-46-7	01/17/13
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	100-42-5	01/17/13
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	127-18-4	01/17/13
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	108-88-3	01/17/13
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	79-01-6	01/17/13
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	75-69-4	01/17/13
Vinyl Acetate	5.00 U	ug/L	1.00	5.00	10.0	10215012	EPA8260	108-05-4	01/17/13
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	75-01-4	01/17/13
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10215012	EPA8260	1330-20-7	01/17/13
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10215012	EPA8260	156-59-2	01/17/13
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	10061-01-5	01/17/13
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	95-50-1	01/17/13



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PO #: 40612

Client Project #: HARDEE COUNTY REGIONAL LAN

Date Sampled: Jan 10, 2013

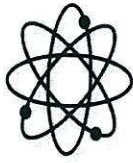
Jan 28, 2013; Invoice: 195184

Lab #: 195184GW2 Sampled: 01/10/13 09:52 AM Desc: MW #2/297

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	156-60-5	01/17/13
trans-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	10061-02-6	01/17/13
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10215012	EPA8260	110-57-6	01/17/13
Surr: 1,2-Dichloroethane-d4 (77-129%)	110.40%		1.00	0.0100	0.0100	10215012	EPA8260		01/17/13
Surr: Bromofluorobenzene (82-122%)	80.90%		1.00	1.00	1.00	10215012	EPA8260	460-00-4	01/17/13
Surr: Toluene-d8 (80-120%)	92.70%		1.00	0.0100	0.0100	10215012	EPA8260		01/17/13
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10215246	EPA8011	096-18-4	01/17/13
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10215246	EPA8011	106-93-4	01/17/13
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10215246	EPA8011	96-12-8	01/17/13
Ammonia (as N)	0.365	mg/L	1.00	0.0100	0.0200	10215260	EPA350.1	7664-41-7	01/22/13
Field Ground Water Elevation	78.5	ft	1.00	-10.0	-10.0	10215724	FT1000		01/10/13
Field pH (units)	6.77	pH	1.00	0.0100	0.0200	10215724	FT1100	C006	01/10/13
Field Conductivity	476	umhos/cm	1.00	0.100	0.100	10215724	FT1200		01/10/13
Field Temp. (C)	21.5	oC	1.00	0.100	0.100	10215724	FT1400		01/10/13
Field DO	0.800	mg/L	1.00	0.100	0.100	10215724	FT1500		01/10/13
Field Turbidity	4.18	NTU	1.00	0.100	0.100	10215724	FT1600		01/10/13

Lab #: 195184GW3 Sampled: 01/10/13 10:52 AM Desc: MW #4/299

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Chloride	14.5	mg/L	1.00	4.00	8.00	10196950	SM4500-Cl E	16887-00-6	01/14/13
Nitrate(as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10214489	EPA353.2	14797-55-8	01/11/13 04:15 PM
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10214690	EPA6020	7440-36-0	01/14/13
Arsenic	0.00753	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-38-2	01/14/13
Barium	0.0114	mg/L	1.00	0.00200	0.00400	10214690	EPA6020	7440-39-3	01/14/13
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10214690	EPA6020	7440-41-7	01/14/13
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-43-9	01/14/13
Chromium	0.00490	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-47-3	01/14/13
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-48-4	01/14/13
Copper	0.00100 U	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-50-8	01/14/13



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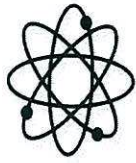
Client Project #: HARDEE COUNTY REGIONAL LAN

Date Sampled: Jan 10, 2013

Jan 28, 2013; Invoice: 195184

Lab #: 195184GW3 Sampled: 01/10/13 10:52 AM Desc: MW #4/299

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7439-92-1	01/14/13
Nickel	0.00100 U	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-02-0	01/14/13
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10214690	EPA6020	7782-49-2	01/14/13
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10214690	EPA6020	7440-22-4	01/14/13
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-28-0	01/14/13
Vanadium	0.00908	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-62-2	01/14/13
Zinc	0.0100 U	mg/L	1.00	0.0100	0.0200	10214690	EPA6020	7440-66-6	01/14/13
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10214771	EPA7470	7439-97-6	01/16/13
TDS	302	mg/L	1.00	2.50	5.00	10214800	SM2540 C	10-33-3	01/15/13
Iron	5.02	mg/L	1.00	0.0100	0.0200	10214805	EPA6010	7439-89-6	01/16/13
Sodium	6.85	mg/L	1.00	0.500	1.00	10214805	EPA6010	7440-23-5	01/16/13
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	630-20-6	01/17/13
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	71-55-6	01/17/13
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10215012	EPA8260	79-34-5	01/17/13
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	79-00-5	01/17/13
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	75-34-3	01/17/13
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	75-35-4	01/17/13
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	107-06-2	01/17/13
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10215012	EPA8260	78-87-5	01/17/13
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	78-93-3	01/17/13
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	591-78-6	01/17/13
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10215012	EPA8260	67-64-1	01/17/13
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10215012	EPA8260	107-13-1	01/17/13
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	71-43-2	01/17/13
Bromochloromethane	0.100 U	ug/L	1.00	0.100	1.00	10215012	EPA8260	074-97-5	01/17/13
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10215012	EPA8260	75-27-4	01/17/13
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	75-25-2	01/17/13
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	74-83-9	01/17/13
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10215012	EPA8260	75-15-0	01/17/13



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Atkins-Tampa
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PO #: 40612

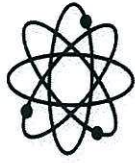
Client Project #: HARDEE COUNTY REGIONAL LAN

Date Sampled: Jan 10, 2013

Jan 28, 2013; Invoice: 195184

Lab #: 195184GW3 Sampled: 01/10/13 10:52 AM Desc: MW #4/299

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	56-23-5	01/17/13
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	108-90-7	01/17/13
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	75-00-3	01/17/13
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	67-66-3	01/17/13
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	74-87-3	01/17/13
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10215012	EPA8260	124-48-1	01/17/13
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	074-95-3	01/17/13
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	100-41-4	01/17/13
Methyl iodide	1.00 U	ug/L	1.00	1.00	2.00	10215012	EPA8260	074-88-4	01/17/13
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10215012	EPA8260	108-10-1	01/17/13
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10215012	EPA8260	75-09-2	01/17/13
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	106-46-7	01/17/13
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	100-42-5	01/17/13
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	127-18-4	01/17/13
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	108-88-3	01/17/13
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	79-01-6	01/17/13
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	75-69-4	01/17/13
Vinyl Acetate	5.00 U	ug/L	1.00	5.00	10.0	10215012	EPA8260	108-05-4	01/17/13
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	75-01-4	01/17/13
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10215012	EPA8260	1330-20-7	01/17/13
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10215012	EPA8260	156-59-2	01/17/13
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	10061-01-5	01/17/13
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	95-50-1	01/17/13
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	156-60-5	01/17/13
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	10061-02-6	01/17/13
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10215012	EPA8260	110-57-6	01/17/13
Surr:1,2-Dichloroethane-d4 (77-129%)	120.50%		1.00	0.0100	0.0100	10215012	EPA8260		01/17/13
Surr:Bromofluorobenzene (82-122%)	78.00%		1.00	1.00	1.00	10215012	EPA8260		01/17/13
Surr:Toluene-d8 (80-120%)	93.90%		1.00	0.0100	0.0100	10215012	EPA8260	460-00-4	01/17/13



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Client Project #: HARDEE COUNTY REGIONAL LAN

Date Sampled: Jan 10, 2013

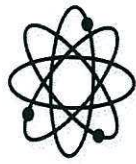
Jan 28, 2013; Invoice: 195184

Lab #: 195184GW3 **Sampled:** 01/10/13 10:52 AM **Desc:** MW #4/299

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10215246	EPA8011	096-18-4	01/17/13
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10215246	EPA8011	106-93-4	01/17/13
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10215246	EPA8011	96-12-8	01/17/13
Ammonia (as N)	0.190	mg/L	1.00	0.0100	0.0200	10215260	EPA350.1	7664-41-7	01/22/13
Field Ground Water Elevation	79.9	ft	1.00	-10.0	-10.0	10215724	FT1000		01/10/13
Field pH (units)	6.16	pH	1.00	0.0100	0.0200	10215724	FT1100	C006	01/10/13
Field Conductivity	300	umhos/cm	1.00	0.100	0.100	10215724	FT1200		01/10/13
Field Temp. (C)	23.3	oC	1.00	0.100	0.100	10215724	FT1400		01/10/13
Field DO	0.400	mg/L	1.00	0.100	0.100	10215724	FT1500		01/10/13
Field Turbidity	14.6	NTU	1.00	0.100	0.100	10215724	FT1600		01/10/13

Lab #: 195184GW4 **Sampled:** 01/10/13 01:34 PM **Desc:** MW #5/300

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Chloride	10.7	mg/L	1.00	4.00	8.00	10196950	SM4500-Cl E	16887-00-6	01/14/13
Nitrate(as N)	0.0342	mg/L	1.00	0.0100	0.0200	10214489	EPA353.2	14797-55-8	01/11/13 04:16 PM
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10214690	EPA6020	7440-36-0	01/14/13
Arsenic	0.00100 U	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-38-2	01/14/13
Barium	0.00267 I	mg/L	1.00	0.00200	0.00400	10214690	EPA6020	7440-39-3	01/14/13
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10214690	EPA6020	7440-41-7	01/14/13
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-43-9	01/14/13
Chromium	0.00302	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-47-3	01/14/13
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-48-4	01/14/13
Copper	0.00100 U	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-50-8	01/14/13
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7439-92-1	01/14/13
Nickel	0.00100 U	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-02-0	01/14/13
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10214690	EPA6020	7782-49-2	01/14/13
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10214690	EPA6020	7440-22-4	01/14/13
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-28-0	01/14/13
Vanadium	0.00125 I	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-62-2	01/14/13



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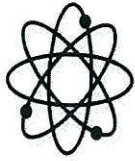
Client Project #: HARDEE COUNTY REGIONAL LAN

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Lab #: 195184GW4 Sampled: 01/10/13 01:34 PM Desc: MW #5/300

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Zinc	0.0100 U	mg/L	1.00	0.0100	0.0200	10214690	EPA6020	7440-66-6	01/14/13
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10214771	EPA7470	7439-97-6	01/16/13
TDS	94.0	mg/L	1.00	2.50	5.00	10214800	SM2540 C	10-33-3	01/15/13
Iron	3.39	mg/L	1.00	0.0100	0.0200	10214805	EPA6010	7439-89-6	01/16/13
Sodium	4.18	mg/L	1.00	0.500	1.00	10214805	EPA6010	7440-23-5	01/16/13
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	630-20-6	01/17/13
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	71-55-6	01/17/13
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10215012	EPA8260	79-34-5	01/17/13
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	79-00-5	01/17/13
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	75-34-3	01/17/13
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	75-35-4	01/17/13
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	107-06-2	01/17/13
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10215012	EPA8260	78-87-5	01/17/13
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	78-93-3	01/17/13
2-Butanone	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	591-78-6	01/17/13
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10215012	EPA8260	67-64-1	01/17/13
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10215012	EPA8260	107-13-1	01/17/13
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	71-43-2	01/17/13
Bromochloromethane	0.100 U	ug/L	1.00	0.100	1.00	10215012	EPA8260	074-97-5	01/17/13
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10215012	EPA8260	75-27-4	01/17/13
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	75-25-2	01/17/13
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	74-83-9	01/17/13
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10215012	EPA8260	75-15-0	01/17/13
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	56-23-5	01/17/13
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	108-90-7	01/17/13
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	75-00-3	01/17/13
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	67-66-3	01/17/13
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	74-87-3	01/17/13
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10215012	EPA8260	124-48-1	01/17/13



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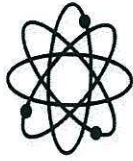
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Lab #: 195184GW4 Sampled: 01/10/13 01:34 PM Desc: MW #5/300

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	074-95-3	01/17/13
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	100-41-4	01/17/13
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10215012	EPA8260	074-88-4	01/17/13
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10215012	EPA8260	108-10-1	01/17/13
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10215012	EPA8260	75-09-2	01/17/13
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	106-46-7	01/17/13
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	100-42-5	01/17/13
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	127-18-4	01/17/13
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	108-88-3	01/17/13
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	79-01-6	01/17/13
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	75-69-4	01/17/13
Vinyl Acetate	5.00 U	ug/L	1.00	5.00	10.0	10215012	EPA8260	108-05-4	01/17/13
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	75-01-4	01/17/13
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10215012	EPA8260	1330-20-7	01/17/13
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10215012	EPA8260	156-59-2	01/17/13
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	10061-01-5	01/17/13
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	95-50-1	01/17/13
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	156-60-5	01/17/13
trans-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	10061-02-6	01/17/13
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10215012	EPA8260	110-57-6	01/17/13
Surr:1,2-Dichloroethane-d4 (77-129%)	114.50%		1.00	0.0100	0.0100	10215012	EPA8260		01/17/13
Surr:Bromofluorobenzene (82-122%)	79.00%		1.00	1.00	1.00	10215012	EPA8260	460-00-4	01/17/13
Surr:Toluene-d8 (80-120%)	92.90%		1.00	0.0100	0.0100	10215012	EPA8260		01/17/13
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10215246	EPA8011	096-18-4	01/17/13
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10215246	EPA8011	106-93-4	01/17/13
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10215246	EPA8011	96-12-8	01/17/13
Ammonia (as N)	0.127	mg/L	1.00	0.0100	0.0200	10215260	EPA350.1	7664-41-7	01/22/13
Field Ground Water Elevation	79.5	ft	1.00	-10.0	-10.0	10215724	FT1000		01/10/13
Field pH (units)	5.28	pH	1.00	0.0100	0.0200	10215724	FT1100	C006	01/10/13



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E83018 (Main Lab)

E86562 (South Lab)

E82405 (North Lab)

E35834 (Keys Lab)

Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

PO #: 40612

Client Project #: HARDEE COUNTY REGIONAL LAN

Date Sampled: Jan 10, 2013

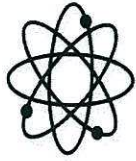
Jan 28, 2013; Invoice: 195184

Lab #: 195184GW4 Sampled: 01/10/13 01:34 PM Desc: MW #5/300

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Field Conductivity	135	umhos/cm	1.00	0.100	0.100	10215724	FT1200		01/10/13
Field Temp. (C)	24.1	oC	1.00	0.100	0.100	10215724	FT1400		01/10/13
Field DO	0.900	mg/L	1.00	0.100	0.100	10215724	FT1500		01/10/13
Field Turbidity	13.8	NTU	1.00	0.100	0.100	10215724	FT1600		01/10/13

Lab #: 195184GW5 Sampled: 01/10/13 01:56 PM Desc: MW-8/19255

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Chloride	13.0	mg/L	1.00	4.00	8.00	10196950	SM4500-Cl E	16887-00-6	01/14/13
Nitrate(as N)	0.0136 I	mg/L	1.00	0.0100	0.0200	10214489	EPA353.2	14797-55-8	01/11/13 04:17 PM
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10214690	EPA6020	7440-36-0	01/14/13
Arsenic	0.00100 U	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-38-2	01/14/13
Barium	0.00389 I	mg/L	1.00	0.00200	0.00400	10214690	EPA6020	7440-39-3	01/14/13
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10214690	EPA6020	7440-41-7	01/14/13
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-43-9	01/14/13
Chromium	0.00324	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-47-3	01/14/13
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-48-4	01/14/13
Copper	0.00100 U	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-50-8	01/14/13
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7439-92-1	01/14/13
Nickel	0.00350	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-02-0	01/14/13
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10214690	EPA6020	7782-49-2	01/14/13
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10214690	EPA6020	7440-22-4	01/14/13
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-28-0	01/14/13
Vanadium	0.00274	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-62-2	01/14/13
Zinc	0.0318	mg/L	1.00	0.0100	0.0200	10214690	EPA6020	7440-66-6	01/14/13
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10214771	EPA7470	7439-97-6	01/16/13
TDS	330	mg/L	1.00	2.50	5.00	10214800	SM2540 C	10-33-3	01/15/13
Iron	12.2	mg/L	1.00	0.0100	0.0200	10214805	EPA6010	7439-89-6	01/16/13
Sodium	8.98	mg/L	1.00	0.500	1.00	10214805	EPA6010	7440-23-5	01/16/13
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	630-20-6	01/17/13



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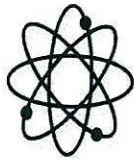
Client Project #: HARDEE COUNTY REGIONAL LAN

Date Sampled: Jan 10, 2013

Jan 28, 2013; Invoice: 195184

Lab #: 195184GW5 Sampled: 01/10/13 01:56 PM Desc: MW-8/19255

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	71-55-6	01/17/13
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10215012	EPA8260	79-34-5	01/17/13
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	79-00-5	01/17/13
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	75-34-3	01/17/13
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	75-35-4	01/17/13
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	107-06-2	01/17/13
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10215012	EPA8260	78-87-5	01/17/13
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	78-93-3	01/17/13
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	591-78-6	01/17/13
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10215012	EPA8260	67-64-1	01/17/13
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10215012	EPA8260	107-13-1	01/17/13
Benzene	1.16 J	ug/L	1.00	0.500	1.00	10215012	EPA8260	71-43-2	01/17/13
Bromochloromethane	0.100 U	ug/L	1.00	0.100	1.00	10215012	EPA8260	074-97-5	01/17/13
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10215012	EPA8260	75-27-4	01/17/13
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	75-25-2	01/17/13
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	74-83-9	01/17/13
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10215012	EPA8260	75-15-0	01/17/13
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	56-23-5	01/17/13
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	108-90-7	01/17/13
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	75-00-3	01/17/13
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	67-66-3	01/17/13
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	74-87-3	01/17/13
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10215012	EPA8260	124-48-1	01/17/13
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	074-95-3	01/17/13
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	100-41-4	01/17/13
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10215012	EPA8260	074-88-4	01/17/13
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10215012	EPA8260	108-10-1	01/17/13
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10215012	EPA8260	75-09-2	01/17/13
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	106-46-7	01/17/13



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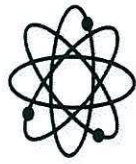
Client Project #: HARDEE COUNTY REGIONAL LAN

Date Sampled: Jan 10, 2013

Jan 28, 2013; Invoice: 195184

Lab #: 195184GW5 Sampled: 01/10/13 01:56 PM Desc: MW-8/19255

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	100-42-5	01/17/13
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	127-18-4	01/17/13
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	108-88-3	01/17/13
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	79-01-6	01/17/13
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	75-69-4	01/17/13
Vinyl Acetate	5.00 U	ug/L	1.00	5.00	10.0	10215012	EPA8260	108-05-4	01/17/13
Vinyl chloride	0.950 J	ug/L	1.00	0.500	1.00	10215012	EPA8260	75-01-4	01/17/13
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10215012	EPA8260	1330-20-7	01/17/13
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10215012	EPA8260	156-59-2	01/17/13
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	10061-01-5	01/17/13
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	95-50-1	01/17/13
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	156-60-5	01/17/13
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	10061-02-6	01/17/13
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10215012	EPA8260	110-57-6	01/17/13
Surr:1,2-Dichloroethane-d4 (77-129%)	110.40%		1.00	0.0100	0.0100	10215012	EPA8260	460-00-4	01/17/13
Surr:Bromofluorobenzene (82-122%)	77.00%		1.00	1.00	1.00	10215012	EPA8260	096-18-4	01/17/13
Surr:Toluene-d8 (80-120%)	92.10%		1.00	0.0100	0.0100	10215012	EPA8260	106-93-4	01/17/13
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10215246	EPA8011	96-12-8	01/17/13
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10215246	EPA8011	7664-41-7	01/22/13
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10215260	EPA350.1	C006	01/10/13
Ammonia (as N)	1.01	mg/L	1.00	0.0100	0.0200	10215724	FT1000		01/10/13
Field Ground Water Elevation	78.4	ft	1.00	-10.0	-10.0	10215724	FT1100		01/10/13
Field pH (units)	5.95	pH	1.00	0.0100	0.0200	10215724	FT1200		01/10/13
Field Conductivity	562	umhos/cm	1.00	0.100	0.100	10215724	FT1400		01/10/13
Field Temp. (C)	27.7	oC	1.00	0.100	0.100	10215724	FT1500		01/10/13
Field DO	0.600	mg/L	1.00	0.100	0.100	10215724	FT1600		01/10/13
Field Turbidity	2.21	NTU	1.00	0.100	0.100	10215724	FT1600		01/10/13



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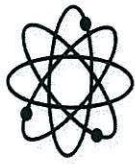
Client Project #: HARDEE COUNTY REGIONAL LAN

Date Sampled: Jan 10, 2013

Jan 28, 2013; Invoice: 195184

Lab #: 195184GW6 Sampled: 01/10/13 04:16 PM Desc: MW-10R/22930

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Chloride	16.8	mg/L	1.00	4.00	8.00	10196950	SM4500-ClE	16887-00-6	01/14/13
Nitrate(as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10214489	EPA353.2	14797-55-8	01/11/13
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10214690	EPA6020	7440-36-0	01/14/13
Arsenic	0.00243	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-38-2	01/14/13
Barium	0.0195	mg/L	1.00	0.00200	0.00400	10214690	EPA6020	7440-39-3	01/14/13
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10214690	EPA6020	7440-41-7	01/14/13
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-43-9	01/14/13
Chromium	0.00260	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-47-3	01/14/13
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-48-4	01/14/13
Copper	0.00100 U	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-50-8	01/14/13
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7439-92-1	01/14/13
Nickel	0.00100 U	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-02-0	01/14/13
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10214690	EPA6020	7782-49-2	01/14/13
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10214690	EPA6020	7440-22-4	01/14/13
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-28-0	01/14/13
Vanadium	0.00153 l	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-62-2	01/14/13
Zinc	0.0100 U	mg/L	1.00	0.0100	0.0200	10214690	EPA6020	7440-66-6	01/14/13
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10214771	EPA7470	7439-97-6	01/16/13
TDS	166	mg/L	1.00	2.50	5.00	10214800	SM2540 C	10-33-3	01/15/13
Iron	25.7	mg/L	1.00	0.0100	0.0200	10214805	EPA6010	7439-89-6	01/16/13
Sodium	11.2	mg/L	1.00	0.500	1.00	10214805	EPA6010	7440-23-5	01/16/13
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	630-20-6	01/17/13
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	71-55-6	01/17/13
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10215012	EPA8260	79-34-5	01/17/13
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	79-00-5	01/17/13
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	75-34-3	01/17/13
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	75-35-4	01/17/13
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	107-06-2	01/17/13
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10215012	EPA8260	78-87-5	01/17/13



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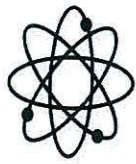
Client Project #: HARDEE COUNTY REGIONAL LAN

Date Sampled: Jan 10, 2013

Jan 28, 2013; Invoice: 195184

Lab #: 195184GW6 Sampled: 01/10/13 04:16 PM Desc: MW-10R/22930

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	78-93-3	01/17/13
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	591-78-6	01/17/13
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10215012	EPA8260	67-64-1	01/17/13
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10215012	EPA8260	107-13-1	01/17/13
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	71-43-2	01/17/13
Bromochloromethane	0.100 U	ug/L	1.00	0.100	1.00	10215012	EPA8260	074-97-5	01/17/13
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10215012	EPA8260	75-27-4	01/17/13
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	75-25-2	01/17/13
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	74-83-9	01/17/13
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10215012	EPA8260	75-15-0	01/17/13
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	56-23-5	01/17/13
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	108-90-7	01/17/13
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	75-00-3	01/17/13
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	67-66-3	01/17/13
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	74-87-3	01/17/13
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10215012	EPA8260	124-48-1	01/17/13
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	074-95-3	01/17/13
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	100-41-4	01/17/13
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10215012	EPA8260	074-88-4	01/17/13
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10215012	EPA8260	108-10-1	01/17/13
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10215012	EPA8260	75-09-2	01/17/13
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	106-46-7	01/17/13
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	100-42-5	01/17/13
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	127-18-4	01/17/13
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	108-88-3	01/17/13
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	79-01-6	01/17/13
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	75-69-4	01/17/13
Vinyl Acetate	5.00 U	ug/L	1.00	5.00	10.0	10215012	EPA8260	108-05-4	01/17/13
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	75-01-4	01/17/13



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E83018 (Main Lab)
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E35834 (Keys Lab)

Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

PO #: 40612

Client Project #: HARDEE COUNTY REGIONAL LAN

Date Sampled: Jan 10, 2013

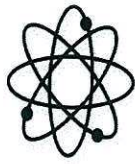
Jan 28, 2013; Invoice: 195184

Lab #: 195184GW6 Sampled: 01/10/13 04:16 PM Desc: MW-10R/22930

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10215012	EPA8260	1330-20-7	01/17/13
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10215012	EPA8260	156-59-2	01/17/13
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	10061-01-5	01/17/13
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	95-50-1	01/17/13
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	156-60-5	01/17/13
trans-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	10061-02-6	01/17/13
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10215012	EPA8260	110-57-6	01/17/13
Surr:1,2-Dichloroethane-d4 (77-129%)	114.40%		1.00	0.0100	0.0100	10215012	EPA8260		01/17/13
Surr:Bromofluorobenzene (82-122%)	78.00%		1.00	1.00	1.00	10215012	EPA8260	460-00-4	01/17/13
Surr:Toluene-d8 (80-120%)	92.70%		1.00	0.0100	0.0100	10215012	EPA8260		01/17/13
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10215246	EPA8011	096-18-4	01/17/13
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10215246	EPA8011	106-93-4	01/17/13
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10215246	EPA8011	96-12-8	01/17/13
Ammonia (as N)	0.305	mg/L	1.00	0.0100	0.0200	10215260	EPA350.1	7664-41-7	01/22/13
Field Ground Water Elevation	78.9	ft	1.00	-10.0	-10.0	10215724	FT1000		01/10/13
Field pH (units)	5.57	pH	1.00	0.0100	0.0200	10215724	FT1100	C006	01/10/13
Field Conductivity	335	umhos/cm	1.00	0.100	0.100	10215724	FT1200		01/10/13
Field Temp. (C)	24.7	oC	1.00	0.100	0.100	10215724	FT1400		01/10/13
Field DO	0.700	mg/L	1.00	0.100	0.100	10215724	FT1500		01/10/13
Field Turbidity	19.8	NTU	1.00	0.100	0.100	10215724	FT1600		01/10/13

Lab #: 195184GW7 Sampled: 01/10/13 03:35 PM Desc: MW-11/21882

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Chloride	4.00 U	mg/L	1.00	4.00	8.00	10196951	SM4500-Cl E	16887-00-6	01/14/13
Nitrate(as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10214489	EPA353.2	14797-55-8	01/11/13 04:19 PM
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10214690	EPA6020	7440-36-0	01/14/13
Arsenic	0.00100 U	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-38-2	01/14/13
Barium	0.00708	mg/L	1.00	0.00200	0.00400	10214690	EPA6020	7440-39-3	01/14/13
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10214690	EPA6020	7440-41-7	01/14/13



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Jan 28, 2013; Invoice: 195184

Lab #: 195184GW7 Sampled: 01/10/13 03:35 PM Desc: MW-11/21882

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-43-9	01/14/13
Chromium	0.00272	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-47-3	01/14/13
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-48-4	01/14/13
Copper	0.00100 U	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-50-8	01/14/13
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7439-92-1	01/14/13
Nickel	0.00100 U	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-02-0	01/14/13
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10214690	EPA6020	7782-49-2	01/14/13
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10214690	EPA6020	7440-22-4	01/14/13
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-28-0	01/14/13
Vanadium	0.00384	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-62-2	01/14/13
Zinc	0.01161	mg/L	1.00	0.0100	0.0200	10214690	EPA6020	7440-66-6	01/14/13
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10214771	EPA7470	7439-97-6	01/16/13
TDS	2.50 U	mg/L	1.00	2.50	5.00	10214800	SM2540 C	10-33-3	01/15/13
Iron	0.225	mg/L	1.00	0.0100	0.0200	10214805	EPA6010	7439-89-6	01/16/13
Sodium	3.25	mg/L	1.00	0.500	1.00	10214805	EPA6010	7440-23-5	01/16/13
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	630-20-6	01/17/13
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	71-55-6	01/17/13
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10215012	EPA8260	79-34-5	01/17/13
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	79-00-5	01/17/13
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	75-34-3	01/17/13
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	75-35-4	01/17/13
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	107-06-2	01/17/13
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10215012	EPA8260	78-87-5	01/17/13
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	78-93-3	01/17/13
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	591-78-6	01/17/13
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10215012	EPA8260	67-64-1	01/17/13
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10215012	EPA8260	107-13-1	01/17/13
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	71-43-2	01/17/13
Bromochloromethane	0.100 U	ug/L	1.00	0.100	1.00	10215012	EPA8260	074-97-5	01/17/13



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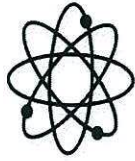
Client Project #: HARDEE COUNTY REGIONAL LAN

Date Sampled: Jan 10, 2013

Jan 28, 2013; Invoice: 195184

Lab #: 195184GW7 Sampled: 01/10/13 03:35 PM Desc: MW-11/21882

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10215012	EPA8260	75-27-4	01/17/13
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	75-25-2	01/17/13
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	74-83-9	01/17/13
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10215012	EPA8260	75-15-0	01/17/13
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	56-23-5	01/17/13
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	108-90-7	01/17/13
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	75-00-3	01/17/13
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	67-66-3	01/17/13
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	74-87-3	01/17/13
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10215012	EPA8260	124-48-1	01/17/13
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	074-95-3	01/17/13
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	100-41-4	01/17/13
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10215012	EPA8260	074-88-4	01/17/13
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10215012	EPA8260	108-10-1	01/17/13
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10215012	EPA8260	75-09-2	01/17/13
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	106-46-7	01/17/13
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	100-42-5	01/17/13
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	127-18-4	01/17/13
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	108-88-3	01/17/13
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	79-01-6	01/17/13
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	75-69-4	01/17/13
Vinyl Acetate	5.00 U	ug/L	1.00	5.00	10.0	10215012	EPA8260	108-05-4	01/17/13
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	75-01-4	01/17/13
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10215012	EPA8260	1330-20-7	01/17/13
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10215012	EPA8260	156-59-2	01/17/13
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	10061-01-5	01/17/13
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	95-50-1	01/17/13
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	156-60-5	01/17/13
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	10061-02-6	01/17/13



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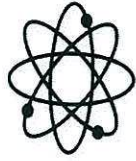
Jan 28, 2013; Invoice: 195184

Lab #: 195184GW7 Sampled: 01/10/13 03:35 PM Desc: MW-11/21882

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10215012	EPA8260	110-57-6	01/17/13
Surr:1,2-Dichloroethane-d4 (77-129%)	101.20%		1.00	0.0100	0.0100	10215012	EPA8260		01/17/13
Surr:Bromofluorobenzene (82-122%)	83.90%		1.00	1.00	1.00	10215012	EPA8260	460-00-4	01/17/13
Surr:Toluene-d8 (80-120%)	89.50%		1.00	0.0100	0.0100	10215012	EPA8260		01/17/13
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10215246	EPA8011	096-18-4	01/17/13
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10215246	EPA8011	106-93-4	01/17/13
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10215246	EPA8011	96-12-8	01/17/13
Ammonia (as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10215260	EPA350.1	7664-41-7	01/22/13
Field Ground Water Elevation	78.6	ft	1.00	-10.0	-10.0	10215724	FT1000		01/10/13
Field pH (units)	3.39	pH	1.00	0.0100	0.0200	10215724	FT1100	C006	01/10/13
Field Conductivity	41.0	umhos/cm	1.00	0.100	0.100	10215724	FT1200		01/10/13
Field Temp. (C)	24.3	oC	1.00	0.100	0.100	10215724	FT1400		01/10/13
Field DO	1.20	mg/L	1.00	0.100	0.100	10215724	FT1500		01/10/13
Field Turbidity	35.0	NTU	1.00	0.100	0.100	10215724	FT1600		01/10/13

Lab #: 195184GW8 Sampled: 01/10/13 03:01 PM Desc: MW-12R/21883

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Chloride	5.87 I	mg/L	1.00	4.00	8.00	10196950	SM4500-Cl E	16887-00-6	01/14/13
Nitrate(as N)	0.0384	mg/L	1.00	0.0100	0.0200	10214489	EPA353.2	14797-55-8	01/11/13 04:20 PM
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10214690	EPA6020	7440-36-0	01/14/13
Arsenic	0.00175 I	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-38-2	01/14/13
Barium	0.00399 I	mg/L	1.00	0.00200	0.00400	10214690	EPA6020	7440-39-3	01/14/13
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10214690	EPA6020	7440-41-7	01/14/13
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-43-9	01/14/13
Chromium	0.00276	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-47-3	01/14/13
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-48-4	01/14/13
Copper	0.00152 I	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-50-8	01/14/13
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7439-92-1	01/14/13
Nickel	0.00164 I	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-02-0	01/14/13



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PO #: 40612

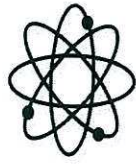
Client Project #: HARDEE COUNTY REGIONAL LAN

Date Sampled: Jan 10, 2013

Jan 28, 2013; Invoice: 195184

Lab #: 195184GW8 Sampled: 01/10/13 03:01 PM Desc: MW-12R/21883

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10214690	EPA6020	7782-49-2	01/14/13
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10214690	EPA6020	7440-22-4	01/14/13
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-28-0	01/14/13
Vanadium	0.00422	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-62-2	01/14/13
Zinc	0.0736	mg/L	1.00	0.0100	0.0200	10214690	EPA6020	7440-66-6	01/14/13
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10214771	EPA7470	7439-97-6	01/16/13
TDS	266	mg/L	1.00	2.50	5.00	10214800	SM2540 C	10-33-3	01/15/13
Iron	0.0625	mg/L	1.00	0.0100	0.0200	10214805	EPA6010	7439-89-6	01/16/13
Sodium	4.75	mg/L	1.00	0.500	1.00	10214805	EPA6010	7440-23-5	01/16/13
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	630-20-6	01/17/13
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	71-55-6	01/17/13
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10215012	EPA8260	79-34-5	01/17/13
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	79-00-5	01/17/13
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	75-34-3	01/17/13
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	75-35-4	01/17/13
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	107-06-2	01/17/13
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10215012	EPA8260	78-87-5	01/17/13
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	78-93-3	01/17/13
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	591-78-6	01/17/13
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10215012	EPA8260	67-64-1	01/17/13
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10215012	EPA8260	107-13-1	01/17/13
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	71-43-2	01/17/13
Bromochloromethane	0.100 U	ug/L	1.00	0.100	1.00	10215012	EPA8260	074-97-5	01/17/13
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10215012	EPA8260	75-27-4	01/17/13
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	75-25-2	01/17/13
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	74-83-9	01/17/13
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10215012	EPA8260	75-15-0	01/17/13
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	56-23-5	01/17/13
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	108-90-7	01/17/13



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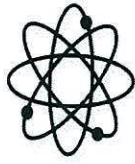
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PO #: 40612

Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jan 10, 2013
Jan 28, 2013; Invoice: 195184

Lab #: 195184GW8 Sampled: 01/10/13 03:01 PM Desc: MW-12R/21883

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	75-00-3	01/17/13
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	67-66-3	01/17/13
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	74-87-3	01/17/13
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10215012	EPA8260	124-48-1	01/17/13
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	074-95-3	01/17/13
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	100-41-4	01/17/13
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10215012	EPA8260	074-88-4	01/17/13
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10215012	EPA8260	108-10-1	01/17/13
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10215012	EPA8260	75-09-2	01/17/13
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	106-46-7	01/17/13
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	100-42-5	01/17/13
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	127-18-4	01/17/13
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	108-88-3	01/17/13
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	79-01-6	01/17/13
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	75-69-4	01/17/13
Vinyl Acetate	5.00 U	ug/L	1.00	5.00	10.0	10215012	EPA8260	108-05-4	01/17/13
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	75-01-4	01/17/13
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10215012	EPA8260	1330-20-7	01/17/13
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10215012	EPA8260	156-59-2	01/17/13
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	10061-01-5	01/17/13
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	95-50-1	01/17/13
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	156-60-5	01/17/13
trans-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	10061-02-6	01/17/13
trans-1,4-dichloro-2-butene	0.500 U	ug/L	1.00	0.500	1.00	10215012	EPA8260	110-57-6	01/17/13
Surr:1,2-Dichloroethane-d4 (77-129%)	125.00%		1.00	0.0100	0.0100	10215012	EPA8260		01/17/13
Surr:Bromofluorobenzene (82-122%)	75.70%		1.00	1.00	1.00	10215012	EPA8260	460-00-4	01/17/13
Surr:Toluene-d8 (80-120%)	93.60%		1.00	0.0100	0.0100	10215012	EPA8260		01/17/13
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10215246	EPA8011	096-18-4	01/17/13
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10215246	EPA8011	106-93-4	01/17/13



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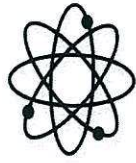
Client Project #: HARDEE COUNTY REGIONAL LAN

Date Sampled: Jan 10, 2013

Jan 28, 2013; Invoice: 195184

Lab #: 195184GW8 Sampled: 01/10/13 03:01 PM Desc: MW-12R/21883

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
1,2-dibromo-3-chloropropane	0.0200	U	1.00	0.0200	0.0400	10215246	EPA8011	96-12-8	01/17/13
Ammonia (as N)	0.0615	mg/L	1.00	0.0100	0.0200	10215260	EPA350.1	7664-41-7	01/22/13
Field Ground Water Elevation	78.8	ft	1.00	-10.0	-10.0	10215724	FT1000	C006	01/10/13
Field pH (units)	6.13	pH	1.00	0.0100	0.0200	10215724	FT1100		01/10/13
Field Conductivity	384	umhos/cm	1.00	0.100	0.100	10215724	FT1200		01/10/13
Field Temp. (C)	24.9	oC	1.00	0.100	0.100	10215724	FT1400		01/10/13
Field DO	1.30	mg/L	1.00	0.100	0.100	10215724	FT1500		01/10/13
Field Turbidity	8.03	NTU	1.00	0.100	0.100	10215724	FT1600		01/10/13



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Quality Report

Quality Control Batch: 10196950

Analyst: MAC
Result 4.00U **Units** mg/L

Blank Chloride

Laboratory Control Sample Chloride

Result 19.6 **Units** mg/L

Spike 20.0

%REC 97.85

%REC Lim 80.00-120.00

Matrix Spike Chloride

Result 55.1 **Units** mg/L

Spike 50.0

%REC 100.36

%REC Lim 80.00-120.00

Sample 4.88

Quality Control Batch: 10196951

Analyst: MAC
Result 4.00U **Units** mg/L

Blank Chloride

Laboratory Control Sample Chloride

Result 18.7 **Units** mg/L

Spike 20.0

%REC 93.25

%REC Lim 80.00-120.00

Matrix Spike Chloride

Result 53.6 **Units** mg/L

Spike 50.0

%REC 99.66

%REC Lim 80.00-120.00

Sample 3.73

Quality Control Batch: 10214489

Analyst: PCW
Result 0.0100U **Units** mg/L

Blank Nitrate(as N)

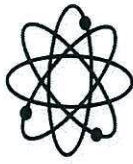
Laboratory Control Sample Nitrate(as N)

Result 2.16 **Units** mg/L

Spike 2.00

%REC 108.00

%REC Lim 80.00-120.00



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Matrix Spike Nitrate(as N)	Result 4.12	Units mg/L	Spike 4.00	%REC 101.06	%REC Lim 80.00-120.00	Sample 0.0776	RPD Lim 20.00
	Result 4.03	Units mg/L	Spike 4.00	%REC 98.81	%REC Lim 80.00-120.00	Sample 0.0776	

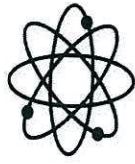
Quality Control Batch: 10214690

Analyst: EVB

Blank	Result	Units
Antimony	0.00200U	mg/L
Arsenic	0.00100U	mg/L
Barium	0.00200U	mg/L
Beryllium	0.00500U	mg/L
Cadmium	0.00100U	mg/L
Chromium	0.00100U	mg/L
Cobalt	0.00100U	mg/L
Copper	0.00100U	mg/L
Lead	0.00100U	mg/L
Nickel	0.00100U	mg/L
Selenium	0.00200U	mg/L
Silver	0.00500U	mg/L
Thallium	0.00100U	mg/L
Vanadium	0.00100U	mg/L
Zinc	0.0100U	mg/L

Laboratory Control Sample

	Result	Units	Spike	%REC	%REC Lim
Antimony	0.204	mg/L	0.200	101.83	76.70-120.39
Arsenic	0.203	mg/L	0.200	101.62	81.09-119.32
Barium	0.204	mg/L	0.200	102.22	84.59-125.11
Beryllium	0.196	mg/L	0.200	98.06	85.69-132.22
Cadmium	0.212	mg/L	0.200	106.00	84.66-121.81
Chromium	0.195	mg/L	0.200	97.64	87.00-122.96



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Quality Control Batch: 10214690

Analyst: EVB

Laboratory Control Sample

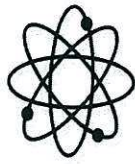
Result	Units	Spike	%REC	%REC Lim
0.197	mg/L	0.200	98.54	78.66-126.98
0.202	mg/L	0.200	100.79	84.08-122.69
0.190	mg/L	0.200	94.99	86.91-124.18
0.196	mg/L	0.200	97.97	77.31-126.31
0.203	mg/L	0.200	101.74	75.98-121.42
0.208	mg/L	0.200	104.11	79.76-119.92
0.200	mg/L	0.200	99.88	80.95-125.84
0.196	mg/L	0.200	98.10	78.51-125.51
0.209	mg/L	0.200	104.60	79.82-122.80

Matrix Spike

Result	Units	Spike	%REC	%REC Lim	Sample
0.206	mg/L	0.200	101.62	73.48-142.27	0.00308
0.197	mg/L	0.200	98.73	73.05-140.45	0.00100U
0.219	mg/L	0.200	103.37	70.68-156.87	0.0119
0.178	mg/L	0.200	88.96	89.27-154.67	0.000500U
0.203	mg/L	0.200	101.65	76.87-137.80	0.00100U
0.181	mg/L	0.200	89.18	67.91-144.29	0.00223
0.172	mg/L	0.200	86.08	68.92-150.01	0.00100U
0.184	mg/L	0.200	91.54	57.64-148.77	0.00134
0.193	mg/L	0.200	93.16	69.09-150.83	0.00657
0.177	mg/L	0.200	88.63	58.01-145.27	0.00100U
0.190	mg/L	0.200	94.76	63.72-144.34	0.00200U
0.160	mg/L	0.200	79.89	48.94-146.79	0.000500U
0.206	mg/L	0.200	102.82	68.93-151.79	0.00100U
0.180	mg/L	0.200	90.14	72.08-149.74	0.00100U
0.351	mg/L	0.200	93.17	51.79-149.89	0.165

Matrix Spike Duplicate

Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
0.203	mg/L	0.200	100.13	73.48-142.27	0.00308	1.45	23.91



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Date Sampled: Jan 10, 2013
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Quality Control Batch: 10214690

Matrix Spike Duplicate

Analyst: EVB	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Arsenic	0.197	mg/L	0.200	98.72	73.05-140.45	0.00100U	0.01	26.42
Barium	0.214	mg/L	0.200	101.12	70.68-156.87	0.0119	2.08	20.91
Beryllium	0.173	mg/L	0.200	86.41	89.27-154.67	0.000500U	2.91	22.45
Cadmium	0.203	mg/L	0.200	101.69	76.87-137.80	0.00100U	0.04	24.42
Chromium	0.174	mg/L	0.200	85.90	67.91-144.29	0.00223	3.71	26.93
Cobalt	0.174	mg/L	0.200	86.89	68.92-150.01	0.00100U	0.94	20.94
Copper	0.173	mg/L	0.200	85.62	57.64-148.77	0.00134	6.63	26.04
Lead	0.192	mg/L	0.200	92.60	69.09-150.83	0.00657	0.58	26.35
Nickel	0.176	mg/L	0.200	88.01	58.01-145.27	0.00100U	0.71	25.87
Selenium	0.191	mg/L	0.200	95.45	63.72-144.34	0.00200U	0.73	23.19
Silver	0.166	mg/L	0.200	82.79	48.94-146.79	0.000500U	3.55	25.78
Thallium	0.199	mg/L	0.200	99.29	68.93-151.79	0.00100U	3.50	22.45
Vanadium	0.172	mg/L	0.200	86.05	72.08-149.74	0.00100U	4.64	21.04
Zinc	0.336	mg/L	0.200	85.59	51.79-149.89	0.165	4.41	25.51

Quality Control Batch: 10214771

Blank

Mercury
Result 0.0000200U Units mg/L

Laboratory Control Sample

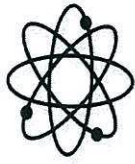
Mercury
Result 0.00106 Units mg/L

Matrix Spike

Mercury
Result 0.00299 Units mg/L

Matrix Spike Duplicate

Mercury
Result 0.00303 Units mg/L



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E83018 (Main Lab)
E86562 (South Lab)
E82405 (North Lab)
E35834 (Keys Lab)

Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

PO #: 40612

Client Project #: HARDEE COUNTY REGIONAL LAN

Date Sampled: Jan 10, 2013

Jan 28, 2013; Invoice: 195184

Quality Control Batch: 10214800

Blank
TDS
Analyst: PLB
Result 2.50U **Units** mg/L

Laboratory Control Sample
TDS

Result 1520 **Units** mg/L
Spike 1500
%REC 101.33
%REC Lim 91.15-105.70

Quality Control Batch: 10214805

Blank
Iron
Sodium
Analyst: EVB
Result 0.0100U **Units** mg/L
0.500U mg/L

Laboratory Control Sample
Iron
Sodium

Result 5.03 mg/L
4.61 mg/L
Spike 5.00
5.00
%REC 100.64
92.11
%REC Lim 81.21-113.54
78.62-112.15

Matrix Spike
Iron
Sodium

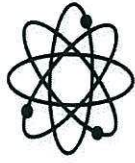
Result 11.1 mg/L
14.9 mg/L
Spike 5.00
5.00
%REC 103.65
93.60
%REC Lim 57.02-147.60
37.63-161.64
Sample 5.93
10.2

Matrix Spike Duplicate
Iron
Sodium

Result 11.1 mg/L
14.9 mg/L
Spike 5.00
5.00
%REC 103.63
93.43
%REC Lim 57.02-147.60
37.63-161.64
Sample 5.93
10.2
RPD 0.01
0.06
RPD Lim 19.53
19.20

Quality Control Batch: 10215012

Blank
Acetone
Acrylonitrile
Benzene
Bromochloromethane
Analyst: CLS
Result 5.00U **Units** ug/L
0.300U ug/L
0.500U ug/L
0.100U ug/L



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PO #: 40612

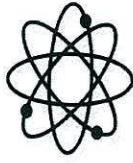
Client Project #: HARDEE COUNTY REGIONAL LAN

Date Sampled: Jan 10, 2013

Jan 28, 2013; Invoice: 195184

Quality Control Batch: 10215012

Blank	Analyst: CLS	Result	Units
Bromodichloromethane	0.100U	ug/L	
Bromoform	0.500U	ug/L	
Bromomethane	0.500U	ug/L	
Carbon Disulfide	1.00U	ug/L	
Carbon Tetrachloride	0.500U	ug/L	
Chlorobenzene	0.500U	ug/L	
Chloroethane	0.500U	ug/L	
Chloroform	0.500U	ug/L	
Chloromethane	0.500U	ug/L	
cis-1,2-dichloroethene	0.200U	ug/L	
cis-1,3-Dichloropropene	0.500U	ug/L	
Dibromochloromethane	0.400U	ug/L	
Dibromomethane	0.500U	ug/L	
Ethylbenzene	0.500U	ug/L	
Methyl Iodide	1.00U	ug/L	
Methyl isobutyl ketone	1.00U	ug/L	
Methylene chloride	1.00U	ug/L	
o-dichlorobenzene	0.500U	ug/L	
Para-dichlorobenzene	0.500U	ug/L	
Styrene	0.500U	ug/L	
Tetrachloroethene	0.500U	ug/L	
Toluene	0.500U	ug/L	
trans-1,2-dichloroethene	0.500U	ug/L	
trans-1,3-Dichloropropene	0.500U	ug/L	
trans-1,4-dichloro-2-butene	1.00U	ug/L	
Trichloroethene	0.500U	ug/L	
Trichlorofluoromethane	0.500U	ug/L	
Vinyl Acetate	5.00U	ug/L	
Vinyl chloride	0.500U	ug/L	



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Quality Control Batch: 10215012

Analyst: CLS

Blank	Result	Units
Xylenes	1.00U	ug/L
1,1,1,2-Tetrachloroethane	0.500U	ug/L
1,1,1-Trichloroethane	0.500U	ug/L
1,1,2,2-Tetrachloroethane	0.100U	ug/L
1,1,2-Trichloroethane	0.500U	ug/L
1,1-Dichloroethane	0.500U	ug/L
1,1-Dichloroethene	0.500U	ug/L
1,2-dichloroethane	0.200U	ug/L
1,2-dichloropropane	0.500U	ug/L
2-Butanone (MEK)	0.500U	ug/L
2-Hexanone	0.500U	ug/L
Surr:Bromofluorobenzene	8.39	ug/L
Surr:Toluene-d8	8.77	ug/L
Surr:1,2-Dichloroethane-d4	9.83	ug/L

Laboratory Control Sample

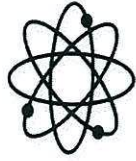
	Result	Units	Spike	%REC	%REC Lim
Acetone	11.5	ug/L	10.0	115.10	38.88-162.52
Acrylonitrile	10.1	ug/L	10.0	100.60	40.32-146.67
Benzene	10.1	ug/L	10.0	101.00	69.86-134.08
Bromochloromethane	9.93	ug/L	10.0	99.30	73.37-125.03
Bromodichloromethane	9.85	ug/L	10.0	98.50	73.69-129.06
Bromoform	9.82	ug/L	10.0	98.20	66.50-120.60
Bromomethane	13.5	ug/L	10.0	134.60	52.06-149.03
Carbon Disulfide	9.99	ug/L	10.0	99.90	72.42-160.65
Carbon Tetrachloride	9.76	ug/L	10.0	97.60	69.24-130.87
Chlorobenzene	10.2	ug/L	10.0	101.70	76.12-122.63
Chloroethane	10.9	ug/L	10.0	108.50	54.48-148.84
Chloroform	9.92	ug/L	10.0	99.20	70.86-132.14
Chloromethane	10.9	ug/L	10.0	108.70	53.66-151.98

FLDOH: E83018 (Main Lab)

FLDOH: E86562 (South Lab)

FLDOH: E82405 (North Lab)

NJDEP: FL015



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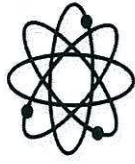
Date Sampled: Jan 10, 2013

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Quality Control Batch: 10215012

Laboratory Control Sample

	Conc.	Spine	93.80	72.17-127.13
cis-1,2-dichloroethene	9.38	ug/L	10.0	93.80
cis-1,3-Dichloropropene	9.33	ug/L	10.0	93.30
Dibromochloromethane	10.2	ug/L	10.0	101.80
Dibromomethane	10.0	ug/L	10.0	100.20
Ethylbenzene	9.69	ug/L	10.0	96.90
Methyl Iodide	10.9	ug/L	10.0	108.50
Methyl isobutyl ketone	9.75	ug/L	10.0	97.50
Methylene chloride	10.9	ug/L	10.0	108.50
o-dichlorobenzene	10.1	ug/L	10.0	101.20
Para-dichlorobenzene	10.2	ug/L	10.0	101.50
Styrene	9.63	ug/L	10.0	96.30
Tetrachloroethene	9.86	ug/L	10.0	98.60
Toluene	10.0	ug/L	10.0	100.20
trans-1,2-dichloroethene	9.97	ug/L	10.0	99.70
trans-1,3,-Dichloropropene	9.86	ug/L	10.0	98.60
Trichloroethene	9.72	ug/L	10.0	97.20
Trichlorofluoromethane	10.1	ug/L	10.0	101.40
Vinyl chloride	10.2	ug/L	10.0	102.20
Xylenes	29.1	ug/L	30.0	96.90
1,1,1,2-Tetrachloroethane	10.2	ug/L	10.0	101.50
1,1,1-Trichloroethane	9.81	ug/L	10.0	98.10
1,1,2,2-Tetrachloroethane	10.7	ug/L	10.0	106.90
1,1,2-Trichloroethane	10.7	ug/L	10.0	106.60
1,1-Dichloroethane	10.0	ug/L	10.0	100.00
1,1-Dichloroethene	9.66	ug/L	10.0	96.60
1,2-dichloroethane	10.7	ug/L	10.0	107.40
1,2-dichloropropane	10.0	ug/L	10.0	100.30
2-Butanone (MEK)	9.05	ug/L	10.0	90.50
2-Hexanone	9.10	ug/L	10.0	91.00



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Quality Control Batch: 10215012

Laboratory Control Sample

Surr: Bromofluorobenzene

Surr: Toluene-d8

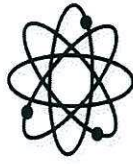
Surr: 1,2-Dichloroethane-d4

Analyst: CLS

Result	Units	Spike	%REC	%REC Lim
10.2	ug/L	10.0	101.50	82.78-122.32
9.75	ug/L	10.0	97.50	80.00-120.00
9.98	ug/L	10.0	99.80	77.68-129.99

Matrix Spike

Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample
Acetone	7.28	ug/L	20.0	36.40	46.01-156.32	5.00U
Acrylonitrile	19.8	ug/L	20.0	98.75	43.40-147.39	0.300U
Benzene	22.0	ug/L	20.0	109.95	74.48-134.24	0.500U
Bromochloromethane	21.4	ug/L	20.0	106.75	73.98-126.75	0.100U
Bromodichloromethane	21.5	ug/L	20.0	107.40	74.51-131.60	0.100U
Bromoform	21.2	ug/L	20.0	105.95	65.77-126.66	0.500U
Bromomethane	27.1	ug/L	20.0	135.50	45.79-154.07	0.500U
Carbon Tetrachloride	22.2	ug/L	20.0	111.20	69.71-134.11	0.500U
Chlorobenzene	22.4	ug/L	20.0	112.00	78.18-124.63	0.500U
Chloroethane	21.2	ug/L	20.0	105.95	57.96-148.61	0.500U
Chloroform	21.3	ug/L	20.0	106.35	67.52-139.02	0.500U
Chloromethane	22.0	ug/L	20.0	109.90	51.30-156.78	0.500U
cis-1,2-dichloroethene	21.9	ug/L	20.0	109.30	76.64-126.84	0.200U
cis-1,3-Dichloropropene	21.5	ug/L	20.0	107.45	67.26-137.96	0.500U
Dibromochloromethane	22.1	ug/L	20.0	110.30	73.00-123.23	0.400U
Dibromomethane	20.8	ug/L	20.0	104.10	73.11-128.50	0.500U
Ethylbenzene	22.2	ug/L	20.0	111.05	73.91-128.64	0.500U
Methyl Iodide	26.5	ug/L	20.0	132.65	54.23-165.25	1.00U
Methyl isobutyl ketone	20.5	ug/L	20.0	102.70	57.64-133.07	1.00U
Methylene chloride	20.8	ug/L	20.0	104.15	50.29-142.90	1.00U
o-dichlorobenzene	22.2	ug/L	20.0	110.85	71.04-127.37	0.500U
Para-dichlorobenzene	22.2	ug/L	20.0	110.75	70.44-126.55	0.500U
Styrene	22.4	ug/L	20.0	111.85	68.01-124.71	0.500U
Tetrachloroethene	19.7	ug/L	20.0	98.35	49.77-180.05	0.500U



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PO #: 40612

Client Project #: HARDEE COUNTY REGIONAL LAN

Date Sampled: Jan 10, 2013

Jan 28, 2013; Invoice: 195184

Quality Control Batch: 10215012

Analyst: CLS

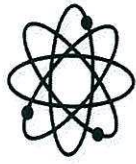
Matrix Spike

Result	Units	Spike	%REC	%REC Lim	Sample
22.3	ug/L	20.0	111.45	77.67-128.73	0.500U
22.1	ug/L	20.0	110.40	71.14-135.42	0.500U
22.0	ug/L	20.0	109.80	68.77-131.64	0.500U
21.8	ug/L	20.0	108.75	77.68-135.38	0.500U
22.5	ug/L	20.0	112.25	48.94-159.62	0.500U
22.6	ug/L	20.0	112.80	56.51-147.62	0.500U
66.2	ug/L	60.0	110.40	74.03-127.32	1.00U
22.1	ug/L	20.0	110.50	74.08-128.41	0.500U
21.9	ug/L	20.0	109.50	74.12-134.44	0.500U
21.3	ug/L	20.0	106.50	70.96-136.31	0.100U
21.9	ug/L	20.0	109.55	78.08-124.41	0.500U
22.1	ug/L	20.0	110.25	72.78-134.55	0.500U
23.2	ug/L	20.0	116.10	58.40-151.32	0.500U
22.3	ug/L	20.0	111.50	71.53-134.48	0.500U
21.7	ug/L	20.0	108.45	74.50-129.66	0.200U
13.1	ug/L	20.0	65.65	64.53-153.74	0.500U
16.6	ug/L	20.0	82.80	62.58-147.29	0.500U
9.90	ug/L	10.0	99.00	53.82-151.16	
9.65	ug/L	10.0	96.50	88.05-109.81	
9.83	ug/L	10.0	98.30	75.07-126.19	

Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
7.05	ug/L	20.0	35.25	46.01-156.32	5.00U	3.21	38.47
18.4	ug/L	20.0	92.00	43.40-147.39	0.300U	7.08	24.85
20.2	ug/L	20.0	101.15	74.48-134.24	0.500U	8.34	18.98
19.5	ug/L	20.0	97.35	73.98-126.75	0.100U	9.21	15.45
19.7	ug/L	20.0	98.65	74.51-131.60	0.100U	8.49	14.47
19.8	ug/L	20.0	98.75	65.77-126.66	0.500U	7.03	18.89
34.5	ug/L	20.0	172.70	45.79-154.07	0.500U	24.14	22.97

Matrix Spike Duplicate

Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
7.05	ug/L	20.0	35.25	46.01-156.32	5.00U	3.21	38.47
18.4	ug/L	20.0	92.00	43.40-147.39	0.300U	7.08	24.85
20.2	ug/L	20.0	101.15	74.48-134.24	0.500U	8.34	18.98
19.5	ug/L	20.0	97.35	73.98-126.75	0.100U	9.21	15.45
19.7	ug/L	20.0	98.65	74.51-131.60	0.100U	8.49	14.47
19.8	ug/L	20.0	98.75	65.77-126.66	0.500U	7.03	18.89
34.5	ug/L	20.0	172.70	45.79-154.07	0.500U	24.14	22.97



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PO #: 40612

Client Project #: HARDEE COUNTY REGIONAL LAN

Date Sampled: Jan 10, 2013

Jan 28, 2013; Invoice: 195184

Quality Control Batch: 10215012

Matrix Spike Duplicate

Quality Control Batch: 10215012		Analyst: CLS	
Matrix	Spike Duplicate	Result	Units
Carbon	Tetrachloride	20.5	ug/L
Chlorobenzene		20.9	ug/L
Chloroethane		20.4	ug/L
Chloroform		19.4	ug/L
Chloromethane		21.3	ug/L
cis-1,2-dichloroethene		20.0	ug/L
cis-1,3-Dichloropropene		19.6	ug/L
Dibromochloromethane		20.6	ug/L
Dibromomethane		19.0	ug/L
Ethylbenzene		20.8	ug/L
Methyl Iodide		29.7	ug/L
Methyl isobutyl ketone		18.3	ug/L
Methylene chloride		19.1	ug/L
o-dichlorobenzene		21.1	ug/L
Para-dichlorobenzene		21.1	ug/L
Styrene		20.8	ug/L
Tetrachloroethene		18.7	ug/L
Toluene		20.8	ug/L
trans-1,2-dichloroethene		19.9	ug/L
trans-1,3,-Dichloropropene		20.2	ug/L
Trichloroethene		20.1	ug/L
Trichlorofluoromethane		20.8	ug/L
Vinyl chloride		21.4	ug/L
Xylenes		61.7	ug/L
1,1,1,2-Tetrachloroethane		20.7	ug/L
1,1,1-Trichloroethane		20.2	ug/L
1,1,2,2-Tetrachloroethane		19.3	ug/L
1,1,2-Trichloroethane		20.2	ug/L
1,1-Dichloroethane		20.2	ug/L



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E35834 (Keys Lab)

Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

PO #: 40612

Client Project #: HARDEE COUNTY REGIONAL LAN

Date Sampled: Jan 10, 2013

Jan 28, 2013; Invoice: 195184

Quality Control Batch: 10215012

Matrix Spike Duplicate

Analyst: CLS	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
	21.2	ug/L	20.0	106.20	58.40-151.32	0.500U	8.91	23.15
1,1-Dichloroethene	20.4	ug/L	20.0	101.95	71.53-134.48	0.500U	8.95	15.32
1,2-dichloroethane	19.8	ug/L	20.0	99.00	74.50-129.66	0.200U	9.11	16.56
1,2-dichloropropane	11.7	ug/L	20.0	58.45	64.53-153.74	0.500U	11.60	32.53
2-Butanone (MEK)	15.3	ug/L	20.0	76.40	62.58-147.29	0.500U	8.04	25.26
2-Hexanone	9.84	ug/L	10.0	98.40	53.82-151.16		0.61	13.51
Surr:Bromofluorobenzene	9.49	ug/L	10.0	94.90	88.05-109.81		1.67	7.44
Surr:Toluene-d8	9.41	ug/L	10.0	94.10	75.07-126.19		4.37	8.75
Surr:1,2-Dichloroethane-d4								

Quality Control Batch: 10215246

Blank

Analyst: DLJ	Result	Units
	0.0200U	ug/L
1,2,3-Trichloropropane	0.0100U	ug/L
1,2-Dibromoethane (EDB)	0.0200U	ug/L
1,2-dibromo-3-chloropropane		

Laboratory Control Sample

Result	Units	Spike	%REC	%REC Lim
1,2,3-Trichloropropane	ug/L	0.250	118.39	80.00-120.00
1,2-Dibromoethane (EDB)	ug/L	0.250	92.52	71.37-128.24
1,2-dibromo-3-chloropropane	ug/L	0.250	89.72	56.44-144.91

Quality Control Batch: 10215260

Blank

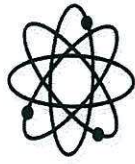
Analyst: PCW	Result	Units
	0.0100U	mg/L
Ammonia (as N)		

Laboratory Control Sample

Result	Units	Spike	%REC	%REC Lim
Ammonia (as N)	mg/L	0.500	100.60	79.00-119.89

Matrix Spike

Result	Units	Spike	%REC	%REC Lim	Sample
--------	-------	-------	------	----------	--------



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Quality Control Batch: 10215260

Matrix Spike

Ammonia (as N)

Analyst: PCW

Result

0.819

Units

mg/L

Spike

0.780

%REC

105.41

%REC Lim

50.68-137.76

Sample

-0.00322

Matrix Spike Duplicate

Ammonia (as N)

Result

0.812

Units

mg/L

Spike

0.780

%REC

104.52

%REC Lim

50.68-137.76

Sample

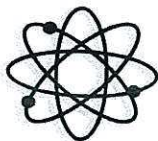
-0.00322

RPD

0.86

RPD Lim

7.78



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Narrative Report

Sample Handling

Sample handling and holding time criteria were met for all samples. Samples collected by submitter. No unusual events occurred during analysis. Results are reported on a wet weight basis for aqueous matrices and on a dry weight basis for sludge and soil matrices unless otherwise noted. Sample results reported as dissolved were field filtered.

Quality Control

Enclosed analyses met method or FCL criteria, unless otherwise denoted on the sample results. Applied data qualifiers are defined below.

Attachments

Chain of Custody

Qualifier	Meaning
U	Compound was analyzed for but not detected.
J	Estimated value; one or more QC components associated with this data value exceed current QC limits.
Q	Sample held beyond the accepted holding time.
L	Off-scale high; reported concentration exceeds the highest standard.
V	Analyte was detected in both the sample and the associated method blank.
W	The dissolved oxygen blank was above .02 mg/L but less than the MDL.
Z	Too numerous to count colonies on plate.
A	Absent
P	Present
T	Value reported is less than the statistical method detection limit. Reported for informational purposes only.
M	Value reported is greater than the statistical method detection limit, but less than the reported MDL.
G	The greatest of the dilutions performed did not yield sufficient oxygen depletion for valid data.
S	The least of the dilutions performed did not yield sufficient oxygen residual for valid data.
O	Result is greater than (over) the specified value.
I	Reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
B	Results based upon colony plate count outside ideal range.
Y	The laboratory analysis was from an improperly preserved sample. The data may not be accurate.

Check Box That Applies To Your Location

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Fax: 407-260-6110

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Client: Atkins = Tampa Project Name: Hardee Co. Landfill P.O. # 40612
 Address: 482 SOUTH KELLER ROAD Client Contact: BREAN BAYNE FAX: BRADLEY BAYNE @ ATKINS-COBAL
ORLANDO, FL 32810 FCL Project Manager E-MAIL: COB

Phone: RAYMUNDO CASTRO Requested Due Date: 10 Day Standard Rush Charges May Apply
 Sampled by (PRINT): Raymundo Castro Pick-Up Fee: \$ Vehicle Surcharge: \$ Sampling Fee: \$
 Sampler Signature: Raymundo Castro Date Sampled: 1/10/13

GW - ground water DW - drinking water WW - wastewater
 SW - surface water SO - soil/solid SL - sludge HW - waste

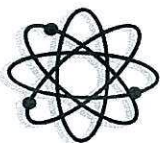
ITEM NO	SAMPLE ID	DATE	TIME	MATRIX	(LAB USE ONLY) LAB NO.	NONE	H ₂ O ₂	HNO ₃	HCl	Na ₂ S ₂ O ₃	ANALYSES REQUEST	COMMENTS	Total # Containers
1	MW-1	1/10/13	12:11	GW	195184	GW1	1	1	2			Quicklist Landfill Appl 14 See attached KR	
2	MW-2		9:52		195184	GW2	1	1	2			on ice	
3	MW-4		10:52		195184	GW3	1	1	2			< 6°C	
4	MW-5		13:34			GW4	1	1	2			pH < 2	
5	MW-6		13:56			GW5	1	1	2				
6	MW-10R		16:16			GW6	1	1	2				
7	MW-11		15:35			GW7	1	1	2				
8	MW-12R		15:01			GW8	1	1	2				
9	Tip Blank												
10													

Relinquished By / Affiliation: Raymundo Castro Date: 1/13/13 Time: 1500 Accepted By / Affiliation: Stanley Date: 1/13/13 Time: 1500

FINANCE CHARGES APPLIED TO PAST DUE INVOICES

• WHITE - Lab Copy - To Be Scanned

• YELLOW - Client Copy



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Tampa, FL 33607

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jan 10, 2013
Jan 28, 2013; Invoice: 195185

Report Summary

Date Received: Jan 11, 2013

FCL Project Manager: June S. Flowers

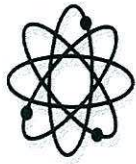
Laboratory #	Sample Description	Analysis	Chemist	Location	Sample Matrix
195185GW1	MANHOLE 9/21061	EPA350.1	PCW	Main Lab	Ground Water
		EPA353.2	PCW	Main Lab	
		EPA6010	EVB	Main Lab	
		EPA6020	EVB	Main Lab	
		EPA7470	EVB	Main Lab	
		EPA8011	DLJ	Main Lab	
		EPA8081	DLJ	Main Lab	
		EPA8082	DLJ	Main Lab	
		EPA8141	DLJ	Main Lab	
		EPA8151	DLJ	Main Lab	
		EPA8260	CLS	Main Lab	
		EPA8270	CLS	Main Lab	
		FT1100	RJC	Main Lab	
		FT1200	RJC	Main Lab	
		FT1400	RJC	Main Lab	
		FT1500	RJC	Main Lab	
		FT1600	RJC	Main Lab	
		SM2320 B	MAC	Main Lab	
		SM2540 C	PLB	Main Lab	
		SM4500-CI E	MAC	Main Lab	
		SM4500-S F	TRB	Main Lab	
		SM4500CN-E	PCW	Main Lab	
		X8081	BRC	Main Lab	
		X8141	GIG	Main Lab	
		X8151	GIG	Main Lab	
		X8270	BRC	Main Lab	
		XPCB	BRC	Main Lab	

Certificate of Results

Sample integrity was certified prior to analysis. Test results meet all requirements of the NELAC Standards except as noted in the Quality Control Report. Uncertainties for these data are available on request. This report may not be reproduced in part; results relate only to items tested.



Jefferson S. Flowers, Ph.D.
President/Technical Director



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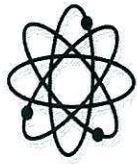
Date Sampled: Jan 10, 2013

Jan 28, 2013; Invoice: 195185

Analysis Report

Lab #: 195185GW1 Sampled: 01/10/13 04:15 PM Desc: MANHOLE 9/21061

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Total Alkalinity CaCO3	351	mg/L	1.00	0.100	0.200	10189187	SM2320 B	T-005	01/18/13
Chloride	108	mg/L	5.00	20.0	40.0	10196950	SM4500-ClE	16887-00-6	01/14/13
Nitrate(as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10214489	EPA353.2	14797-55-8	01/11/13
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10214690	EPA6020	7440-36-0	01/14/13
Arsenic	0.00480	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-38-2	01/14/13
Barium	0.0407	mg/L	1.00	0.00200	0.00400	10214690	EPA6020	7440-39-3	01/14/13
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10214690	EPA6020	7440-41-7	01/14/13
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-43-9	01/14/13
Chromium	0.00388	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-47-3	01/14/13
Cobalt	0.00141 I	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-48-4	01/14/13
Copper	0.00100 U	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-50-8	01/14/13
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7439-92-1	01/14/13
Nickel	0.00932	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-02-0	01/14/13
Selenium	0.00232 I	mg/L	1.00	0.00200	0.00400	10214690	EPA6020	7782-49-2	01/14/13
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10214690	EPA6020	7440-22-4	01/14/13
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-28-0	01/14/13
Tin	0.00500 U	mg/L	1.00	0.00500	0.0100	10214690	EPA6020	7440-31-5	01/14/13
Vanadium	0.00580	mg/L	1.00	0.00100	0.00200	10214690	EPA6020	7440-62-2	01/14/13
Zinc	0.0100 U	mg/L	1.00	0.0100	0.0200	10214690	EPA6020	7440-66-6	01/14/13
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10214771	EPA7470	7439-97-6	01/16/13
TDS	606	mg/L	1.00	2.50	5.00	10214800	SM2540 C	10-33-3	01/15/13
Iron	6.97	mg/L	1.00	0.0100	0.0200	10214805	EPA6010	7439-89-6	01/16/13
Sodium	59.7	mg/L	1.00	0.500	1.00	10214805	EPA6010	7440-23-5	01/16/13
PCB_Extraction	1000	mL	1.00			10214890	XPCB		01/14/13
Acid Base Extraction	1000	mL	1.00			10214894	X8270		01/14/13
Phos_Pest_Extraction	1000	mL	1.00			10214992	X8141		01/14/13
Chlor_Herb_Extraction	1000	mL	1.00			10214992	X8151		01/14/13



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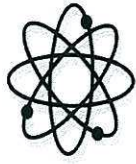
Client Project #: HARDEE COUNTY REGIONAL LAN

Date Sampled: Jan 10, 2013

Jan 28, 2013; Invoice: 195185

Lab #: 195185GW1 Sampled: 01/10/13 04:15 PM Desc: MANHOLE 9/21061

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
2,4,5-T	0.250 U	ug/L	1.00	0.250	0.500	10215000	EPA8151	93-76-5	01/17/13
2,4,5-TP (Silvex)	0.250 U	ug/L	1.00	0.250	0.500	10215000	EPA8151	93-72-1	01/17/13
2,4-D	0.250 U	ug/L	1.00	0.250	0.500	10215000	EPA8151	94-75-7	01/17/13
Dinoseb	0.250 U	ug/L	1.00	0.250	0.500	10215000	EPA8151	88-85-7	01/17/13
4,4'-DDD	0.0200 U	ug/L	1.00	0.0200	0.0400	10215005	EPA8081	72-54-8	01/17/13
4,4'-DDE	0.0200 U	ug/L	1.00	0.0200	0.0400	10215005	EPA8081	72-55-9	01/17/13
4,4'-DDT	0.0200 U	ug/L	1.00	0.0200	0.0400	10215005	EPA8081	50-29-3	01/17/13
Aldrin	0.0200 U	ug/L	1.00	0.0200	0.0200	10215005	EPA8081	309-00-2	01/17/13
Chlordane	0.0100 U	ug/L	1.00	0.0100	0.0200	10215005	EPA8081	57-74-9	01/17/13
Dieldrin	0.0200 U	ug/L	1.00	0.0200	0.0400	10215005	EPA8081	60-57-1	01/17/13
Endosulfan_I	0.0100 U	ug/L	1.00	0.0100	0.0200	10215005	EPA8081	959-98-8	01/17/13
Endosulfan_II	0.0100 U	ug/L	1.00	0.0100	0.0200	10215005	EPA8081	33213-65-9	01/17/13
Endosulfan_sulfate	0.0200 U	ug/L	1.00	0.0200	0.0400	10215005	EPA8081	1031-07-8	01/17/13
Endrin	0.0100 U	ug/L	1.00	0.0100	0.0200	10215005	EPA8081	72-20-8	01/17/13
Endrin_Aldehyde	0.0200 U	ug/L	1.00	0.0200	0.0400	10215005	EPA8081	7421-93-4	01/17/13
Heptachlor	0.0100 U	ug/L	1.00	0.0100	0.0200	10215005	EPA8081	76-44-8	01/17/13
Heptachlor epoxide	0.0100 U	ug/L	1.00	0.0100	0.0200	10215005	EPA8081	1024-57-3	01/17/13
Lindane (g-BHC)	0.0100 U	ug/L	1.00	0.0100	0.0200	10215005	EPA8081	58-89-9	01/17/13
Methoxychlor	0.0100 U	ug/L	1.00	0.0100	0.0200	10215005	EPA8081	72-43-5	01/17/13
Toxaphene	0.500 U	ug/L	1.00	0.500	1.00	10215005	EPA8081	8001-35-2	01/17/13
a-BHC	0.0200 U	ug/L	1.00	0.0200	0.0200	10215005	EPA8081	319-84-6	01/17/13
b-BHC	0.0100 U	ug/L	1.00	0.0100	0.0200	10215005	EPA8081	319-85-7	01/17/13
d-BHC	0.0100 U	ug/L	1.00	0.0100	0.0200	10215005	EPA8081	319-86-8	01/17/13
Surr:Decachlorobiphenyl (26-128%)	0.000100 U		1.00	0.000100	0.000200	10215005	EPA8081		
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10215021	EPA8260	630-20-6	01/17/13
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10215021	EPA8260	71-55-6	01/17/13
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10215021	EPA8260	79-34-5	01/17/13
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10215021	EPA8260	79-00-5	01/17/13
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10215021	EPA8260	75-34-3	01/17/13



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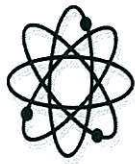
Client Project #: HARDEE COUNTY REGIONAL LAN

Date Sampled: Jan 10, 2013

Jan 28, 2013; Invoice: 195185

Lab #: 195185GW1 Sampled: 01/10/13 04:15 PM Desc: MANHOLE 9/21061

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10215021	EPA8260	75-35-4	01/17/13
1,1-Dichloropropene	0.200 U	ug/L	1.00	0.200	0.400	10215021	EPA8260	563-58-6	01/17/13
1,2,4-trichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10215021	EPA8260	120-82-1	01/17/13
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10215021	EPA8260	107-06-2	01/17/13
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10215021	EPA8260	78-87-5	01/17/13
1,3-Dichloropropane	0.300 U	ug/L	1.00	0.300	0.600	10215021	EPA8260	142-28-9	01/17/13
2,2-Dichloropropane	0.500 U	ug/L	1.00	0.500	1.00	10215021	EPA8260	594-20-7	01/17/13
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10215021	EPA8260	78-93-3	01/17/13
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10215021	EPA8260	591-78-6	01/17/13
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10215021	EPA8260	67-64-1	01/17/13
Acetonitrile	1.00 U	ug/L	1.00	1.00	2.00	10215021	EPA8260	75-05-8	01/17/13
Acrolein	3.50 U	ug/L	1.00	3.50	7.00	10215021	EPA8260	107-02-8	01/17/13
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10215021	EPA8260	107-13-1	01/17/13
Allyl Chloride	1.00 U	ug/L	1.00	1.00	2.00	10215021	EPA8260	107-05-1	01/17/13
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10215021	EPA8260	71-43-2	01/17/13
Bromochloromethane	0.100 U	ug/L	1.00	0.100	1.00	10215021	EPA8260	074-97-5	01/17/13
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10215021	EPA8260	75-27-4	01/17/13
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10215021	EPA8260	75-25-2	01/17/13
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10215021	EPA8260	74-83-9	01/17/13
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10215021	EPA8260	75-15-0	01/17/13
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10215021	EPA8260	56-23-5	01/17/13
Chlorobenzene	0.930 U	ug/L	1.00	0.500	1.00	10215021	EPA8260	108-90-7	01/17/13
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10215021	EPA8260	75-00-3	01/17/13
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10215021	EPA8260	67-66-3	01/17/13
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10215021	EPA8260	74-87-3	01/17/13
Chloroprene	5.00 U	ug/L	1.00	5.00	10.0	10215021	EPA8260	126-99-8	01/17/13
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10215021	EPA8260	124-48-1	01/17/13
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10215021	EPA8260	074-95-3	01/17/13
Dichlorodifluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10215021	EPA8260	75-71-8	01/17/13



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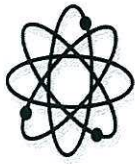
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Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Ethyl methacrylate	0.500 U	ug/L	1.00	0.500	1.00	10215021	EPA8260	97-63-2	01/17/13
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10215021	EPA8260	100-41-4	01/17/13
Iso-butyl Alcohol	1.00 U	ug/L	1.00	1.00	2.00	10215021	EPA8260	78-83-1	01/17/13
Methacrylonitrile	0.500 U	ug/L	1.00	0.500	1.00	10215021	EPA8260	126-98-7	01/17/13
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10215021	EPA8260	074-88-4	01/17/13
Methyl Methacrylate	2.00 U	ug/L	1.00	2.00	4.00	10215021	EPA8260	80-62-6	01/17/13
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10215021	EPA8260	108-10-1	01/17/13
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10215021	EPA8260	75-09-2	01/17/13
Para-dichlorobenzene	0.540 U	ug/L	1.00	0.500	1.00	10215021	EPA8260	106-46-7	01/17/13
Propionitrile	1.00 U	ug/L	1.00	1.00	2.00	10215021	EPA8260	107-12-0	01/17/13
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10215021	EPA8260	100-42-5	01/17/13
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10215021	EPA8260	127-18-4	01/17/13
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10215021	EPA8260	108-88-3	01/17/13
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10215021	EPA8260	79-01-6	01/17/13
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10215021	EPA8260	75-69-4	01/17/13
Vinyl Acetate	5.00 U	ug/L	1.00	5.00	10.0	10215021	EPA8260	108-05-4	01/17/13
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10215021	EPA8260	75-01-4	01/17/13
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10215021	EPA8260	1330-20-7	01/17/13
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10215021	EPA8260	156-59-2	01/17/13
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10215021	EPA8260	10061-01-5	01/17/13
m-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10215021	EPA8260	541-73-1	01/17/13
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10215021	EPA8260	95-50-1	01/17/13
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10215021	EPA8260	156-60-5	01/17/13
trans-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10215021	EPA8260	10061-02-6	01/17/13
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10215021	EPA8260	110-57-6	01/17/13
Surr:1,2-Dichloroethane-d4 (77-129%)	119.40%		1.00	0.0100	0.0100	10215021	EPA8260		01/17/13
Surr:Bromofluorobenzene (82-122%)	80.50%		1.00	1.00	1.00	10215021	EPA8260		01/17/13
Surr:Toluene-d8 (80-120%)	92.30%		1.00	0.0100	0.0100	10215021	EPA8260	460-00-4	01/17/13
Chlor_Pest_ Extraction	1000	mL	1.00			10215031	X8081		01/14/13



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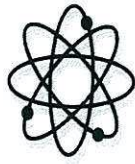
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Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Surr:2-Fluorophenol (7-118%)	52.84%		1.00	0.0100	0.0100	10215188	EPA8270		01/18/13
Total Sulfide	1.36	mg/L	1.00	0.100	0.200	10215200	SM4500-S F	18496-25-8	01/15/13
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10215246	EPA8011	096-18-4	01/17/13
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10215246	EPA8011	106-93-4	01/17/13
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10215246	EPA8011	96-12-8	01/17/13
Ammonia (as N)	20.9	mg/L	10.0	0.100	0.200	10215261	EPA350.1	7664-41-7	01/22/13
Cyanide	0.00500 U	mg/L	1.00	0.00500	0.0100	10215345	SM4500CN-E	57-12-5	01/22/13
Disulfoton	0.300 U	ug/L	1.00	0.300	2.00	10215403	EPA8141	298-04-4	01/22/13
Ethyl Parathion	0.500 U	ug/L	1.00	0.500	1.00	10215403	EPA8141	56382	01/22/13
Methyl Parathion	0.500 U	ug/L	1.00	0.500	1.00	10215403	EPA8141	298-00-0	01/22/13
Phorate	1.00 U	ug/L	1.00	1.00	2.00	10215403	EPA8141	298-02-2	01/22/13
Arochlor 1016	0.100 U	ug/L	1.00	0.100	0.200	10215480	EPA8082	12674-11-2	01/17/13
Arochlor 1221	0.100 U	ug/L	1.00	0.100	0.200	10215480	EPA8082	11104-28-2	01/17/13
Arochlor 1232	0.100 U	ug/L	1.00	0.100	0.200	10215480	EPA8082	11141-16-5	01/17/13
Arochlor 1242	0.100 U	ug/L	1.00	0.100	0.200	10215480	EPA8082	53469-21-9	01/17/13
Arochlor 1248	0.100 U	ug/L	1.00	0.100	0.200	10215480	EPA8082	12672-29-6	01/17/13
Arochlor 1254	0.100 U	ug/L	1.00	0.100	0.200	10215480	EPA8082	11097-69-1	01/17/13
Arochlor 1260	0.100 U	ug/L	1.00	0.100	0.200	10215480	EPA8082	11096-82-5	01/17/13
Field pH (units)	6.26	pH	1.00	0.0100	0.0200	10215721	FT1100	C006	01/10/13
Field Conductivity	1070	umhos/cm	1.00	0.100	0.100	10215721	FT1200		01/10/13
Field Temp. (C)	24.5	oC	1.00	0.100	0.100	10215721	FT1400		01/10/13
Field DO	0.400	mg/L	1.00	0.100	0.100	10215721	FT1500		01/10/13
Field Turbidity	70.3	NTU	1.00	0.100	0.100	10215721	FT1600		01/10/13
1,2,4,5-Tetrachlorobenzene	2.00 U	ug/L	1.00	2.00	4.00	10215736	EPA8270	95-94-3	01/18/13
1,4-Naphthoquinone	10.0 U	ug/L	1.00	10.0	20.0	10215736	EPA8270	130-15-4	01/18/13
1-Naphthalene	10.0 U	ug/L	1.00	10.0	20.0	10215736	EPA8270	134-32-7	01/18/13
2,3,4,6-Tetrachlorophenol	2.00 U	ug/L	1.00	2.00	4.00	10215736	EPA8270	58-90-2	01/18/13
2,4,5-Trichlorophenol	1.00 U	ug/L	1.00	1.00	4.00	10215736	EPA8270	95-95-4	01/18/13
2,4,6-Trichlorophenol	2.00 U	ug/L	1.00	2.00	4.00	10215736	EPA8270	88-06-2	01/18/13



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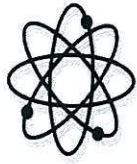
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2,4-Dichlorophenol	1.00 U	ug/L	1.00	1.00	4.00	10215736	EPA8270	120-83-2	01/18/13
2,4-Dimethylphenol	2.00 U	ug/L	1.00	2.00	4.00	10215736	EPA8270	105-67-9	01/18/13
2,4-Dinitrophenol	5.00 U	ug/L	1.00	5.00	10.0	10215736	EPA8270	51-28-5	01/18/13
2,4-Dinitrotoluene	0.200 U	ug/L	1.00	0.200	0.200	10215736	EPA8270	121-14-2	01/18/13
2,6-Dichlorophenol	1.00 U	ug/L	1.00	1.00	4.00	10215736	EPA8270	87-65-0	01/18/13
2,6-Dinitrotoluene	2.00 U	ug/L	1.00	2.00	4.00	10215736	EPA8270	606-20-2	01/18/13
2-Acetylaminofluorene	10.0 U	ug/L	1.00	10.0	20.0	10215736	EPA8270	53-96-3	01/18/13
2-Chloronaphthalene	2.00 U	ug/L	1.00	2.00	4.00	10215736	EPA8270	91-58-7	01/18/13
2-Naphthylamine	2.00 U	ug/L	1.00	2.00	4.00	10215736	EPA8270	91-59-8	01/18/13
2-Nitrophenol	2.00 U	ug/L	1.00	2.00	4.00	10215736	EPA8270	88-75-5	01/18/13
2-chlorophenol	2.00 U	ug/L	1.00	2.00	4.00	10215736	EPA8270	95-57-8	01/18/13
2-methyl-4,6-dinitrophenol	2.00 U	ug/L	1.00	2.00	4.00	10215736	EPA8270	534-52-1	01/18/13
2-methyl-Naphthalene	2.00 U	ug/L	1.00	2.00	4.00	10215736	EPA8270	91-57-6	01/18/13
3,3'-Dichlorobenzidene	2.00 U	ug/L	1.00	2.00	4.00	10215736	EPA8270	91-94-1	01/18/13
3,3'-Dimethylbenzidine	2.00 U	ug/L	1.00	2.00	4.00	10215736	EPA8270	119-93-7	01/18/13
3-Methylcholanthrene	10.0 U	ug/L	1.00	10.0	20.0	10215736	EPA8270	56-49-5	01/18/13
4-Aminobiphenyl	10.0 U	ug/L	1.00	10.0	20.0	10215736	EPA8270	92-67-1	01/18/13
4-Bromophenylphenyl ether	2.00 U	ug/L	1.00	2.00	4.00	10215736	EPA8270	101-55-3	01/18/13
4-Chlorophenylphenyl ether	2.00 U	ug/L	1.00	2.00	4.00	10215736	EPA8270	7005-72-3	01/18/13
4-Nitrophenol	2.00 U	ug/L	1.00	2.00	4.00	10215736	EPA8270	100-02-7	01/18/13
5-Nitro-o-toluidine	2.00 U	ug/L	1.00	2.00	4.00	10215736	EPA8270	99-55-8	01/18/13
7,12-Dimethylbenz(a)anthracene	10.0 U	ug/L	1.00	10.0	20.0	10215736	EPA8270	57-97-6	01/18/13
Acenaphthene	2.00 U	ug/L	1.00	2.00	4.00	10215736	EPA8270	83-32-9	01/18/13
Acenaphthylene	2.00 U	ug/L	1.00	2.00	4.00	10215736	EPA8270	208-96-8	01/18/13
Acetophenone	10.0 U	ug/L	1.00	10.0	20.0	10215736	EPA8270	98-86-2	01/18/13
Anthracene	2.00 U	ug/L	1.00	2.00	4.00	10215736	EPA8270	120-12-7	01/18/13
Benzo(a)anthracene	0.200 U	ug/L	1.00	0.200	0.400	10215736	EPA8270	56-55-3	01/18/13
Benzo(a)pyrene	1.00 U	ug/L	1.00	1.00	4.00	10215736	EPA8270	50-32-8	01/18/13
Benzo(b)fluoranthene	0.100 U	ug/L	1.00	0.100	0.100	10215736	EPA8270	205-99-2	01/18/13



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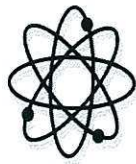
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Benzo(g,h,i)perylene	2.00 U	ug/L	1.00	2.00	4.00	10215736	EPA8270	191-24-2	01/18/13
Benzo(k)fluoranthene	1.00 U	ug/L	1.00	1.00	4.00	10215736	EPA8270	207-08-9	01/18/13
Benzyl alcohol	5.00 U	ug/L	1.00	5.00	10.0	10215736	EPA8270	100-51-6	01/18/13
Bis(2-chloroethoxy)methane	2.00 U	ug/L	1.00	2.00	4.00	10215736	EPA8270	111-91-1	01/18/13
Bis(2-chloroethyl)ether	2.00 U	ug/L	1.00	2.00	4.00	10215736	EPA8270	111-44-4	01/18/13
Bis(2-ethylhexyl)phthalate	3.00 U	ug/L	1.00	3.00	6.00	10215736	EPA8270	117-81-7	01/18/13
Butyl benzyl phthalate	3.00 U	ug/L	1.00	3.00	6.00	10215736	EPA8270	85-68-7	01/18/13
Chlorobenzilate	0.800 U	ug/L	1.00	0.800	1.60	10215736	EPA8270	510-15-6	01/18/13
Chrysene	2.00 U	ug/L	1.00	2.00	4.00	10215736	EPA8270	218-01-9	01/18/13
Di-n-butylphthalate	3.00 U	ug/L	1.00	3.00	6.00	10215736	EPA8270	84-74-2	01/18/13
Di-n-octylphthalate	3.00 U	ug/L	1.00	3.00	6.00	10215736	EPA8270	117-84-0	01/18/13
Diallate	2.00 U	ug/L	1.00	2.00	4.00	10215736	EPA8270	2303-16-4	01/18/13
Dibenz(a,h)anthracene	0.200 U	ug/L	1.00	0.200	0.200	10215736	EPA8270	53-70-3	01/18/13
Dibenzofuran	5.00 U	ug/L	1.00	5.00	10.0	10215736	EPA8270	132-64-9	01/18/13
Diethylphthalate	3.00 U	ug/L	1.00	3.00	6.00	10215736	EPA8270	84-66-2	01/18/13
Dimethoate	2.00 U	ug/L	1.00	2.00	4.00	10215736	EPA8270	60-51-5	01/18/13
Dimethylphthalate	3.00 U	ug/L	1.00	3.00	6.00	10215736	EPA8270	131-11-3	01/18/13
Diphenylamine	10.0 U	ug/L	1.00	10.0	20.0	10215736	EPA8270	122-39-4	01/18/13
Ethyl methanesulfonate	20.0 U	ug/L	1.00	20.0	40.0	10215736	EPA8270	62-50-0	01/18/13
Famphur	2.00 U	ug/L	1.00	2.00	4.00	10215736	EPA8270	52-85-7	01/18/13
Fluoranthene	2.00 U	ug/L	1.00	2.00	4.00	10215736	EPA8270	206-44-0	01/18/13
Fluorene	2.00 U	ug/L	1.00	2.00	4.00	10215736	EPA8270	86-73-7	01/18/13
Hexachlorobenzene	1.00 U	ug/L	1.00	1.00	4.00	10215736	EPA8270	118-74-1	01/18/13
Hexachlorobutadiene	2.00 U	ug/L	1.00	2.00	4.00	10215736	EPA8270	87-68-3	01/18/13
Hexachlorocyclopentadiene	2.00 U	ug/L	1.00	2.00	4.00	10215736	EPA8270	77-47-4	01/18/13
Hexachloroethane	2.00 U	ug/L	1.00	2.00	4.00	10215736	EPA8270	67-72-1	01/18/13
Hexachloropropene	10.0 U	ug/L	1.00	10.0	20.0	10215736	EPA8270	1888-71-7	01/18/13
Indeno(1,2,3-cd)pyrene	0.200 U	ug/L	1.00	0.200	0.200	10215736	EPA8270	193-39-5	01/18/13
Isodrin	20.0 U	ug/L	1.00	20.0	40.0	10215736	EPA8270	465-73-6	01/18/13



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PO #: 40612

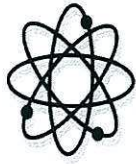
Client Project #: HARDEE COUNTY REGIONAL LAN

Date Sampled: Jan 10, 2013

Jan 28, 2013; Invoice: 195185

Lab #: 195185GW1 Sampled: 01/10/13 04:15 PM Desc: MANHOLE 9/21061

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Isophorone	2.00 U	ug/L	1.00	2.00	4.00	10215736	EPA8270	78-59-1	01/18/13
Isosafrole	10.0 U	ug/L	1.00	10.0	20.0	10215736	EPA8270	120-58-1	01/18/13
Kepone	2.00 U	ug/L	1.00	2.00	4.00	10215736	EPA8270	143-50-0	01/18/13
Methapyrilene	20.0 U	ug/L	1.00	20.0	40.0	10215736	EPA8270	91-80-5	01/18/13
Methyl methanesulfonate	10.0 U	ug/L	1.00	10.0	20.0	10215736	EPA8270	66-27-3	01/18/13
N-Nitroso di-n-butylamine	2.00 U	ug/L	1.00	2.00	4.00	10215736	EPA8270	924-16-3	01/18/13
N-Nitrosodi-n-propylamine	2.00 U	ug/L	1.00	2.00	4.00	10215736	EPA8270	621-64-7	01/18/13
N-Nitrosodiethylamine	3.00 U	ug/L	1.00	3.00	12.0	10215736	EPA8270	55-18-5	01/18/13
N-Nitrosodimethylamine	3.00 U	ug/L	1.00	3.00	12.0	10215736	EPA8270	62-75-9	01/18/13
N-Nitrosodiphenylamine	2.00 U	ug/L	1.00	2.00	4.00	10215736	EPA8270	86-30-6	01/18/13
N-Nitrosomethyl ethylamine	2.00 U	ug/L	1.00	2.00	4.00	10215736	EPA8270	10595-95-6	01/18/13
N-Nitrosopiperidine	10.0 U	ug/L	1.00	10.0	20.0	10215736	EPA8270	100-75-4	01/18/13
N-Nitrosopyrrolidine	2.00 U	ug/L	1.00	2.00	4.00	10215736	EPA8270	930-55-2	01/18/13
Naphthalene	2.00 U	ug/L	1.00	2.00	4.00	10215736	EPA8270	91-20-3	01/18/13
Nitrobenzene	2.00 U	ug/L	1.00	2.00	4.00	10215736	EPA8270	98-95-3	01/18/13
O,O,O-Triethylphosphorothioate	10.0 U	ug/L	1.00	10.0	20.0	10215736	EPA8270	126-68-1	01/18/13
O,O-diethyl-0,2-pyrazinylphosphorothioate	10.0 U	ug/L	1.00	10.0	20.0	10215736	EPA8270	297-97-2	01/18/13
Pentachlorobenzene	0.300 U	ug/L	1.00	0.300	0.600	10215736	EPA8270	608-93-5	01/18/13
Pentachloronitrobenzene	0.300 U	ug/L	1.00	0.300	0.600	10215736	EPA8270	82-68-8	01/18/13
Pentachlorophenol	0.400 U	ug/L	1.00	0.400	0.800	10215736	EPA8270	87-86-5	01/18/13
Phenacetin	20.0 U	ug/L	1.00	20.0	40.0	10215736	EPA8270	62-44-2	01/18/13
Phenanthrene	2.00 U	ug/L	1.00	2.00	4.00	10215736	EPA8270	85-01-8	01/18/13
Phenol	2.00 U	ug/L	1.00	2.00	4.00	10215736	EPA8270	108-95-2	01/18/13
Pronamide	10.0 U	ug/L	1.00	10.0	20.0	10215736	EPA8270	23950-58-5	01/18/13
Pyrene	2.00 U	ug/L	1.00	2.00	4.00	10215736	EPA8270	129-00-0	01/18/13
Saffrole	10.0 U	ug/L	1.00	10.0	20.0	10215736	EPA8270	94-59-7	01/18/13
Trinitrobenzene	10.0 U	ug/L	1.00	10.0	20.0	10215736	EPA8270	99-35-4	01/18/13
m-Cresol	10.0 U	ug/L	1.00	10.0	20.0	10215736	EPA8270	108-39-4	01/18/13
m-Dinitrobenzene	2.00 U	ug/L	1.00	2.00	4.00	10215736	EPA8270	99-65-0	01/18/13



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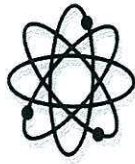
PO #: 40612

Client Project #: HARDEE COUNTY REGIONAL LAN

Date Sampled: Jan 10, 2013

Jan 28, 2013; Invoice: 195185

Lab #:	195185GW1	Sampled:	01/10/13 04:15 PM	Desc:	MANHOLE 9/21061						
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analized		
m-nitroaniline	2.00 U	ug/L	1.00	2.00	4.00	10215736	EPA8270	99-09-2	01/18/13		
o-Cresol	2.00 U	ug/L	1.00	2.00	4.00	10215736	EPA8270	95-48-7	01/18/13		
o-Toluidine	2.00 U	ug/L	1.00	2.00	4.00	10215736	EPA8270	95-53-4	01/18/13		
o-nitroaniline	10.0 U	ug/L	1.00	10.0	20.0	10215736	EPA8270	88-74-4	01/18/13		
p-(Dimethylamino)azobenzene	10.0 U	ug/L	1.00	10.0	20.0	10215736	EPA8270	60-11-7	01/18/13		
p-Chloro-m-Cresol	2.00 U	ug/L	1.00	2.00	4.00	10215736	EPA8270	59-50-7	01/18/13		
p-Chloroaniline	10.0 U	ug/L	1.00	10.0	20.0	10215736	EPA8270	106-47-8	01/18/13		
p-Cresol	2.00 U	ug/L	1.00	2.00	4.00	10215736	EPA8270	106-44-5	01/18/13		
p-Phenylenediamine	10.0 U	ug/L	1.00	10.0	20.0	10215736	EPA8270	106-50-3	01/18/13		
p-nitroaniline	2.00 U	ug/L	1.00	2.00	4.00	10215736	EPA8270	100-01-6	01/18/13		
Surr:2,4,6-Tribromophenol (20-122%)	62.98%		1.00	1.00	1.00	10215736	EPA8270	118-79-6	01/18/13		
Surr:2-Fluorobiphenyl (18-110%)	78.62%		1.00	1.00	1.00	10215736	EPA8270	321-60-8	01/18/13		
Surr:Nitrobenzene-d5 (5-135%)	70.74%		1.00	0.0100	0.0100	10215736	EPA8270		01/18/13		
Surr:Phenol-d5 (3-127%)	45.26%		1.00	1.00	1.00	10215736	EPA8270		01/18/13		
Surr:Terphenyl-d14 (37-143%)	58.70%		1.00	1.00	1.00	10215736	EPA8270		01/18/13		



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PO #: 40612

Client Project #: HARDEE COUNTY REGIONAL LAN

Date Sampled: Jan 10, 2013

Jan 28, 2013; Invoice: 195185

Quality Report

Quality Control Batch: 10189187

Analyst: MAC
Result 27.4 Units
mg/L

Total Alkalinity CaCO₃

Laboratory Control Sample

Result 99.0 Units
mg/L

Total Alkalinity CaCO₃

%REC 98.99

%REC Lim 79.90-119.80

Spike 100

Quality Control Batch: 10196950

Analyst: MAC
Result 4.00U Units
mg/L

Blank Chloride

Laboratory Control Sample

Result 19.6 Units
mg/L

Chloride

%REC 97.85

%REC Lim 80.00-120.00

Spike 20.0

Matrix Spike

Result 55.1 Units
mg/L

Chloride

%REC 100.36

%REC Lim 80.00-120.00

Spike 50.0

Sample 4.88

Quality Control Batch: 10214489

Analyst: PCW
Result 0.0100U Units
mg/L

Blank Nitrate(as N)

Laboratory Control Sample

Result 2.16 Units
mg/L

Nitrate(as N)

%REC 108.00

%REC Lim 80.00-120.00

Spike 2.00

Matrix Spike

Result 4.12 Units
mg/L

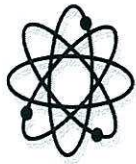
Nitrate(as N)

%REC 101.06

%REC Lim 80.00-120.00

Spike 4.00

Sample 0.0776



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Matrix Spike Duplicate

	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Nitrate(as N)	4.03	mg/L	4.00	98.81	80.00-120.00	0.0776	2.21	20.00

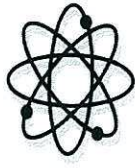
Quality Control Batch: 10214690

Blank	Result	Units
Antimony	0.00200U	mg/L
Arsenic	0.00100U	mg/L
Barium	0.00200U	mg/L
Beryllium	0.000500U	mg/L
Cadmium	0.00100U	mg/L
Chromium	0.00100U	mg/L
Cobalt	0.00100U	mg/L
Copper	0.00100U	mg/L
Lead	0.00100U	mg/L
Nickel	0.00100U	mg/L
Selenium	0.00200U	mg/L
Silver	0.000500U	mg/L
Thallium	0.00100U	mg/L
Tin	0.00500U	mg/L
Vanadium	0.00100U	mg/L
Zinc	0.0100U	mg/L

Analyst: EVB

Laboratory Control Sample

	Result	Units	Spike	%REC	%REC Lim
Antimony	0.204	mg/L	0.200	101.83	76.70-120.39
Arsenic	0.203	mg/L	0.200	101.62	81.09-119.32
Barium	0.204	mg/L	0.200	102.22	84.59-125.11
Beryllium	0.196	mg/L	0.200	98.06	85.69-132.22
Cadmium	0.212	mg/L	0.200	106.00	84.66-121.81
Chromium	0.195	mg/L	0.200	97.64	87.00-122.96
Cobalt	0.197	mg/L	0.200	98.54	78.66-126.98
Copper	0.202	mg/L	0.200	100.79	84.08-122.69



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Analyst: EVB

Laboratory Control Sample

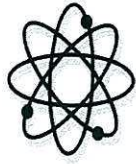
Lead	Result	Units	Spike	%REC	%REC Lim
Nickel	0.190	mg/L	0.200	94.99	86.91-124.18
Selenium	0.196	mg/L	0.200	97.97	77.31-126.31
Silver	0.203	mg/L	0.200	101.74	75.98-121.42
Thallium	0.208	mg/L	0.200	104.11	79.76-119.92
Tin	0.200	mg/L	0.200	99.88	80.95-125.84
Vanadium	0.196	mg/L	0.200	97.83	74.22-128.88
Zinc	0.196	mg/L	0.200	98.10	78.51-125.51
	0.209	mg/L	0.200	104.60	79.82-122.80

Matrix Spike

Antimony	Result	Units	Spike	%REC	%REC Lim	Sample
Arsenic	0.206	mg/L	0.200	101.62	73.48-142.27	0.00308
Barium	0.197	mg/L	0.200	98.73	73.05-140.45	0.00100U
Beryllium	0.219	mg/L	0.200	103.37	70.68-156.87	0.0119
Cadmium	0.178	mg/L	0.200	88.96	89.27-154.67	0.000500U
Chromium	0.203	mg/L	0.200	101.65	76.87-137.80	0.00100U
Cobalt	0.181	mg/L	0.200	89.18	67.91-144.29	0.00223
Copper	0.172	mg/L	0.200	86.08	68.92-150.01	0.00100U
Lead	0.184	mg/L	0.200	91.54	57.64-148.77	0.00134
Nickel	0.193	mg/L	0.200	93.16	69.09-150.83	0.00657
Selenium	0.177	mg/L	0.200	88.63	58.01-145.27	0.00100U
Silver	0.190	mg/L	0.200	94.76	63.72-144.34	0.00200U
Thallium	0.160	mg/L	0.200	79.89	48.94-146.79	0.000500U
Tin	0.206	mg/L	0.200	102.82	68.93-151.79	0.00100U
Vanadium	0.231	mg/L	0.200	115.46	70.18-138.70	0.00500U
Zinc	0.180	mg/L	0.200	90.14	72.08-149.74	0.00100U
	0.351	mg/L	0.200	93.17	51.79-149.89	0.165

Matrix Spike Duplicate

Antimony	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
	0.203	mg/L	0.200	100.13	73.48-142.27	0.00308	1.45	23.91



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Quality Control Batch: 10214690

Matrix Spike Duplicate

Analyst: EVB					
Result	Units	Spike	%REC	%REC Lim	Sample
0.197	mg/L	0.200	98.72	73.05-140.45	0.00100U
0.214	mg/L	0.200	101.12	70.68-156.87	0.0119
0.173	mg/L	0.200	86.41	89.27-154.67	0.000500U
0.203	mg/L	0.200	101.69	76.87-137.80	0.00100U
0.174	mg/L	0.200	85.90	67.91-144.29	0.00223
0.174	mg/L	0.200	86.89	68.92-150.01	0.00100U
0.173	mg/L	0.200	85.62	57.64-148.77	0.00134
0.192	mg/L	0.200	92.60	69.09-150.83	0.00657
0.176	mg/L	0.200	88.01	58.01-145.27	0.00100U
0.191	mg/L	0.200	95.45	63.72-144.34	0.00200U
0.166	mg/L	0.200	82.79	48.94-146.79	0.000500U
0.199	mg/L	0.200	99.29	68.93-151.79	0.00100U
0.226	mg/L	0.200	113.17	70.18-138.70	0.00500U
0.172	mg/L	0.200	86.05	72.08-149.74	0.00100U
0.336	mg/L	0.200	85.59	51.79-149.89	0.165
		RPD		RPD Lim	
				0.01	
				2.08	
				2.91	
				0.04	
				3.71	
				0.94	
				6.63	
				0.58	
				0.71	
				0.73	
				3.55	
				3.50	
				2.00	
				4.64	
				4.41	
				25.51	

Quality Control Batch: 10214771

Blank

Result	Units
0.0000200U	mg/L

Laboratory Control Sample

Result	Units
0.00106	mg/L

Matrix Spike

Result	Units
0.00299	mg/L

Matrix Spike Duplicate

Result	Units
0.00303	mg/L

%REC	%REC Lim
105.70	90.27-115.31

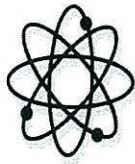
%REC	%REC Lim
99.53	81.00-122.08

%REC	%REC Lim
100.83	81.00-122.08

Sample
0.0000200U

Sample
0.0000200U

RPD Lim
8.88



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E83018 (Main Lab)
E86562 (South Lab)
E82405 (North Lab)
E35834 (Keys Lab)

Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

PO #: 40612

Client Project #: HARDEE COUNTY REGIONAL LAN

Date Sampled: Jan 10, 2013

Jan 28, 2013; Invoice: 195185

Quality Control Batch: 10214800

Blank
TDS

Analyst: PLB	Result	Units
	2.50U	mg/L

Laboratory Control Sample

Result	Units	Spike	%REC	%REC Lim
1520	mg/L	1500	101.33	91.15-105.70

Quality Control Batch: 10214805

Blank
Iron
Sodium

Analyst: EVB	Result	Units
	0.0100U	mg/L
	0.500U	mg/L

Laboratory Control Sample

Result	Units	Spike	%REC	%REC Lim
5.03	mg/L	5.00	100.64	81.21-113.54
4.61	mg/L	5.00	92.11	78.62-112.15

Matrix Spike

Result	Units	Spike	%REC	%REC Lim	Sample
11.1	mg/L	5.00	103.65	57.02-147.60	5.93
14.9	mg/L	5.00	93.60	37.63-161.64	10.2

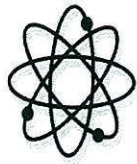
Matrix Spike Duplicate

Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
11.1	mg/L	5.00	103.63	57.02-147.60	5.93	0.01	19.53
14.9	mg/L	5.00	93.43	37.63-161.64	10.2	0.06	19.20

Quality Control Batch: 10215000

Blank
Dinoseb

Analyst: DLJ	Result	Units
	0.250U	ug/L



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Quality Control Batch: 10215000

Blank	Analyst: DLJ
2,4,5-T	Result Units
2,4,5-TP (Silvex)	0.250U ug/L
2,4-D	0.250U ug/L

Laboratory Control Sample

Dinoseb	Result	Units	Spike	%REC	%REC Lim
2,4,5-T	0.241	ug/L	0.250	96.47	5.11-142.66
2,4,5-TP (Silvex)	0.279	ug/L	0.250	111.48	34.56-147.46
2,4-D	0.292	ug/L	0.250	116.67	37.29-145.64
	0.302	ug/L	0.250	120.74	31.42-153.84

Matrix Spike

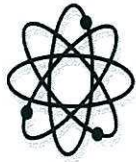
Dinoseb	Result	Units	Spike	%REC	%REC Lim	Sample
2,4,5-T	0.215	ug/L	0.250	86.03	80.00-120.00	0.250U
2,4,5-TP (Silvex)	0.257	ug/L	0.250	102.99	80.00-120.00	0.250U
2,4-D	0.253	ug/L	0.250	101.12	80.00-120.00	0.250U
	0.309	ug/L	0.250	123.58	80.00-120.00	0.250U

Matrix Spike Duplicate

Dinoseb	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
2,4,5-T	0.245	ug/L	0.250	98.11	80.00-120.00	0.250U	13.12	2.76
2,4,5-TP (Silvex)	0.299	ug/L	0.250	119.73	80.00-120.00	0.250U	15.03	1.49
2,4-D	0.276	ug/L	0.250	110.39	80.00-120.00	0.250U	8.77	2.77
	0.348	ug/L	0.250	139.35	80.00-120.00	0.250U	11.99	13.56

Quality Control Batch: 10215005

Blank	Analyst: DLJ
Aldrin	Result Units
a-BHC	0.0200U ug/L
b-BHC	0.0200U ug/L
Chlordane	0.0100U ug/L
Dieldrin	0.0200U ug/L



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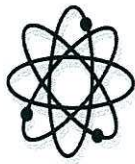
Jan 28, 2013; Invoice: 195185

Quality Control Batch: 10215005

Blank	Result	Units	Analyst: DLJ
d-BHC	0.0100U	ug/L	
Endosulfan_I	0.0100U	ug/L	
Endosulfan_II	0.0100U	ug/L	
Endosulfan_sulfate	0.0200U	ug/L	
Endrin	0.0100U	ug/L	
Endrin_Aldehyde	0.0200U	ug/L	
Heptachlor	0.0100U	ug/L	
Heptachlor epoxide	0.0100U	ug/L	
Lindane (g-BHC)	0.0100U	ug/L	
Methoxychlor	0.0100U	ug/L	
Toxaphene	0.500U	ug/L	
4,4'-DDD	0.0200U	ug/L	
4,4'-DDE	0.0200U	ug/L	
4,4'-DDT	0.0200U	ug/L	
Surr:Decachlorobiphenyl	0.383	ug/L	

Laboratory Control Sample

	Result	Units	Spike	%REC	%REC Lim
Aldrin	0.101	ug/L	0.125	80.94	12.83-113.48
a-BHC	0.119	ug/L	0.125	95.29	12.52-115.93
b-BHC	0.160	ug/L	0.125	127.93	32.71-121.18
Chlordane	0.238	ug/L	0.250	95.37	71.76-138.79
Dieldrin	0.117	ug/L	0.125	93.78	34.19-127.26
d-BHC	0.0956	ug/L	0.125	76.45	28.63-108.97
Endosulfan_I	0.119	ug/L	0.125	95.27	18.33-120.63
Endosulfan_II	0.109	ug/L	0.125	86.93	37.06-132.85
Endosulfan_sulfate	0.116	ug/L	0.125	92.59	23.13-147.35
Endrin	0.116	ug/L	0.125	92.79	61.31-151.63
Endrin_Aldehyde	0.130	ug/L	0.125	104.18	35.08-136.28
Heptachlor	0.0929	ug/L	0.125	74.35	71.93-136.13



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Quality Control Batch: 10215005

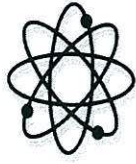
Laboratory Control Sample

Analyst: DLJ	Result	Units	Spike	%REC	%REC Lim
Heptachlor epoxide	0.110	ug/L	0.125	88.26	72.05-132.82
Lindane (g-BHC)	0.114	ug/L	0.125	91.07	67.43-132.32
Methoxychlor	0.125	ug/L	0.125	100.18	35.57-159.59
4,4'-DDD	0.119	ug/L	0.125	94.82	34.70-139.82
4,4'-DDE	0.115	ug/L	0.125	91.70	29.61-130.24
4,4'-DDT	0.116	ug/L	0.125	92.69	33.43-137.17
Surr:Decachlorobiphenyl	0.440	ug/L	0.500	88.09	26.32-128.90

Quality Control Batch: 10215021

Blank

Analyst: CLS	Result	Units
Acetone	5.00U	ug/L
Acetonitrile	1.00U	ug/L
Acrolein	3.50U	ug/L
Acrylonitrile	0.300U	ug/L
Allyl Chloride	1.00U	ug/L
Benzene	0.500U	ug/L
Bromochloromethane	0.100U	ug/L
Bromodichloromethane	0.100U	ug/L
Bromoform	0.500U	ug/L
Bromomethane	0.500U	ug/L
Carbon Disulfide	1.00U	ug/L
Carbon Tetrachloride	0.500U	ug/L
Chlorobenzene	0.500U	ug/L
Chloroethane	0.500U	ug/L
Chloroform	0.500U	ug/L
Chloromethane	0.500U	ug/L
Chloroprene	5.00U	ug/L
cis-1,2-dichloroethene	0.200U	ug/L



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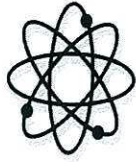
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Quality Control Batch: 10215021

Blank	Analyst: CLS	Result	Units
cis-1,3-Dichloropropene	0.500U		ug/L
Dibromochloromethane	0.400U		ug/L
Dibromomethane	0.500U		ug/L
Dichlorodifluoromethane	0.500U		ug/L
Ethyl methacrylate	0.500U		ug/L
Ethylbenzene	0.500U		ug/L
Iso-butyl Alcohol	1.00U		ug/L
Methacrylonitrile	0.500U		ug/L
Methyl Iodide	1.00U		ug/L
Methyl isobutyl ketone	1.00U		ug/L
Methyl Methacrylate	2.00U		ug/L
Methylene chloride	1.00U		ug/L
m-dichlorobenzene	0.500U		ug/L
o-dichlorobenzene	0.500U		ug/L
Para-dichlorobenzene	0.500U		ug/L
Propionitrile	1.00U		ug/L
Styrene	0.500U		ug/L
Tetrachloroethene	0.500U		ug/L
Toluene	0.500U		ug/L
trans-1,2-dichloroethene	0.500U		ug/L
trans-1,3-Dichloropropene	0.500U		ug/L
trans-1,4-dichloro-2-butene	1.00U		ug/L
Trichloroethene	0.500U		ug/L
Trichlorofluoromethane	0.500U		ug/L
Vinyl Acetate	5.00U		ug/L
Vinyl chloride	0.500U		ug/L
Xylenes	1.00U		ug/L
1,1,1,2-Tetrachloroethane	0.500U		ug/L
1,1,1-Trichloroethane	0.500U		ug/L



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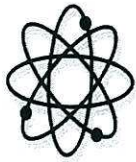
Analyst: CLS

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Result	Units
0.100U	ug/L
0.500U	ug/L
0.500U	ug/L
0.500U	ug/L
0.200U	ug/L
0.500U	ug/L
0.500U	ug/L
0.200U	ug/L
0.300U	ug/L
0.500U	ug/L
0.500U	ug/L
0.500U	ug/L
8.39	ug/L
8.77	ug/L
9.83	ug/L

Laboratory Control Sample

Result	Units	Spike	%REC	%REC Lim
11.5	ug/L	10.0	115.10	38.88-162.52
10.1	ug/L	10.0	100.60	40.32-146.67
9.62	ug/L	10.0	96.20	80.00-120.00
10.1	ug/L	10.0	101.00	69.86-134.08
9.93	ug/L	10.0	99.30	73.37-125.03
9.85	ug/L	10.0	98.50	73.69-129.06
9.82	ug/L	10.0	98.20	66.50-120.60
13.5	ug/L	10.0	134.60	52.06-149.03
9.99	ug/L	10.0	99.90	72.42-160.65
9.76	ug/L	10.0	97.60	69.24-130.87
10.2	ug/L	10.0	101.70	76.12-122.63
10.9	ug/L	10.0	108.50	54.48-148.84



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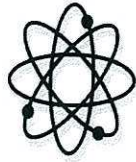
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Quality Control Batch: 10215021

Laboratory Control Sample

Analyst: CLS

	Result	Units	Spike	%REC	%REC Lim
Chloroform	9.92	ug/L	10.0	99.20	70.86-132.14
Chloromethane	10.9	ug/L	10.0	108.70	53.66-151.98
cis-1,2-dichloroethene	9.38	ug/L	10.0	93.80	72.17-127.13
cis-1,3-Dichloropropene	9.33	ug/L	10.0	93.30	72.26-128.63
Dibromochloromethane	10.2	ug/L	10.0	101.80	72.48-118.93
Dibromomethane	10.0	ug/L	10.0	100.20	76.53-123.91
Dichlorodifluoromethane	10.1	ug/L	10.0	101.00	32.37-167.41
Ethyl methacrylate	8.91	ug/L	10.0	89.10	80.00-120.00
Ethylbenzene	9.69	ug/L	10.0	96.90	70.56-124.95
Methacrylonitrile	9.93	ug/L	10.0	99.30	80.00-120.00
Methyl Iodide	10.9	ug/L	10.0	108.50	55.71-163.66
Methyl isobutyl ketone	9.75	ug/L	10.0	97.50	50.12-132.13
Methyl Methacrylate	9.16	ug/L	10.0	91.60	80.00-120.00
Methylene chloride	10.9	ug/L	10.0	108.50	40.69-151.61
m-dichlorobenzene	10.1	ug/L	10.0	101.30	58.21-134.14
o-dichlorobenzene	10.1	ug/L	10.0	101.20	59.80-127.24
Para-dichlorobenzene	10.2	ug/L	10.0	101.50	59.80-127.16
Styrene	9.63	ug/L	10.0	96.30	64.43-121.79
Tetrachloroethene	9.86	ug/L	10.0	98.60	49.80-173.40
Toluene	10.0	ug/L	10.0	100.20	75.34-126.10
trans-1,2-dichloroethene	9.97	ug/L	10.0	99.70	69.34-133.94
trans-1,3,-Dichloropropene	9.86	ug/L	10.0	98.60	69.36-124.24
Trichloroethene	9.72	ug/L	10.0	97.20	70.68-139.87
Trichlorofluoromethane	10.1	ug/L	10.0	101.40	44.99-156.60
Vinyl chloride	10.2	ug/L	10.0	102.20	56.53-148.31
Xylenes	29.1	ug/L	30.0	96.90	70.92-123.99
1,1,1,2-Tetrachloroethane	10.2	ug/L	10.0	101.50	72.36-126.72
1,1,1-Trichloroethane	9.81	ug/L	10.0	98.10	72.34-131.71
1,1,2,2-Tetrachloroethane	10.7	ug/L	10.0	106.90	73.03-130.21



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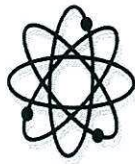
Laboratory Control Sample

Analyst: CLS

Result	Units	Spike	%REC	%REC Lim
10.7	ug/L	10.0	106.60	78.01-120.70
10.0	ug/L	10.0	100.00	68.89-133.90
9.66	ug/L	10.0	96.60	57.83-149.70
9.70	ug/L	10.0	97.00	71.70-133.07
9.74	ug/L	10.0	97.40	17.21-148.33
10.7	ug/L	10.0	107.40	71.63-130.49
10.0	ug/L	10.0	100.30	72.07-128.11
10.3	ug/L	10.0	103.10	70.02-130.05
9.75	ug/L	10.0	97.50	65.33-147.06
9.05	ug/L	10.0	90.50	59.03-164.47
9.10	ug/L	10.0	91.00	60.06-141.22
10.2	ug/L	10.0	101.50	82.78-122.32
9.75	ug/L	10.0	97.50	80.00-120.00
9.98	ug/L	10.0	99.80	77.68-129.99

Matrix Spike

Result	Units	Spike	%REC	%REC Lim	Sample
7.28	ug/L	20.0	36.40	46.01-156.32	5.00U
19.8	ug/L	20.0	98.75	43.40-147.39	0.300U
23.1	ug/L	20.0	115.55	80.00-120.00	1.00U
22.0	ug/L	20.0	109.95	74.48-134.24	0.500U
21.4	ug/L	20.0	106.75	73.98-126.75	0.100U
21.5	ug/L	20.0	107.40	74.51-131.60	0.100U
21.2	ug/L	20.0	105.95	65.77-126.66	0.500U
27.1	ug/L	20.0	135.50	45.79-154.07	0.500U
22.2	ug/L	20.0	111.20	69.71-134.11	0.500U
22.4	ug/L	20.0	112.00	78.18-124.63	0.500U
21.2	ug/L	20.0	105.95	57.96-148.61	0.500U
21.3	ug/L	20.0	106.35	67.52-139.02	0.500U
22.0	ug/L	20.0	109.90	51.30-156.78	0.500U



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PO #: 40612

Client Project #: HARDEE COUNTY REGIONAL LAN

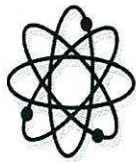
Date Sampled: Jan 10, 2013

Jan 28, 2013; Invoice: 195185

Quality Control Batch: 10215021

Analyst: CLS

Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample
cis-1,2-dichloroethene	21.9	ug/L	20.0	109.30	76.64-126.84	0.200U
cis-1,3-Dichloropropene	21.5	ug/L	20.0	107.45	67.26-137.96	0.500U
Dibromochloromethane	22.1	ug/L	20.0	110.30	73.00-123.23	0.400U
Dibromomethane	20.8	ug/L	20.0	104.10	73.11-128.50	0.500U
Dichlorodifluoromethane	22.1	ug/L	20.0	110.35	31.11-164.64	0.500U
Ethyl methacrylate	21.5	ug/L	20.0	107.60	80.00-120.00	0.500U
Ethylbenzene	22.2	ug/L	20.0	111.05	73.91-128.64	0.500U
Methacrylonitrile	20.3	ug/L	20.0	101.70	80.00-120.00	0.500U
Methyl Iodide	26.5	ug/L	20.0	132.65	54.23-165.25	1.00U
Methyl isobutyl ketone	20.5	ug/L	20.0	102.70	57.64-133.07	1.00U
Methyl Methacrylate	21.3	ug/L	20.0	106.45	80.00-120.00	2.00U
Methylene chloride	20.8	ug/L	20.0	104.15	50.29-142.90	1.00U
m-dichlorobenzene	22.0	ug/L	20.0	109.85	69.74-129.80	0.500U
o-dichlorobenzene	22.2	ug/L	20.0	110.85	71.04-127.37	0.500U
Para-dichlorobenzene	22.2	ug/L	20.0	110.75	70.44-126.55	0.500U
Styrene	22.4	ug/L	20.0	111.85	68.01-124.71	0.500U
Tetrachloroethene	19.7	ug/L	20.0	98.35	49.77-180.05	0.500U
Toluene	22.3	ug/L	20.0	111.45	77.67-128.73	0.500U
trans-1,2-dichloroethene	22.1	ug/L	20.0	110.40	71.14-135.42	0.500U
trans-1,3,-Dichloropropene	22.0	ug/L	20.0	109.80	68.77-131.64	0.500U
Trichloroethene	21.8	ug/L	20.0	108.75	77.68-135.38	0.500U
Trichlorofluoromethane	22.5	ug/L	20.0	112.25	48.94-159.62	0.500U
Vinyl chloride	22.6	ug/L	20.0	112.80	56.51-147.62	0.500U
Xylenes	66.2	ug/L	60.0	110.40	74.03-127.32	1.00U
1,1,1,2-Tetrachloroethane	22.1	ug/L	20.0	110.50	74.08-128.41	0.500U
1,1,1-Trichloroethane	21.9	ug/L	20.0	109.50	74.12-134.44	0.500U
1,1,2,2-Tetrachloroethane	21.3	ug/L	20.0	106.50	70.96-136.31	0.100U
1,1,2-Trichloroethane	21.9	ug/L	20.0	109.55	78.08-124.41	0.500U
1,1-Dichloroethane	22.1	ug/L	20.0	110.25	72.78-134.55	0.500U



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PO #: 40612

Client Project #: HARDEE COUNTY REGIONAL LAN

Date Sampled: Jan 10, 2013

Jan 28, 2013; Invoice: 195185

Quality Control Batch: 10215021

Analyst: CLS

Matrix Spike

Result

%REC

%REC Lim

Sample

1,1-Dichloroethene	23.2	ug/L	20.0	116.10	58.40-151.32	0.500U
1,1-Dichloropropene	22.5	ug/L	20.0	112.65	73.25-137.34	0.200U
1,2,4-trichlorobenzene	21.7	ug/L	20.0	108.70	22.90-145.92	0.500U
1,2-dichloroethane	22.3	ug/L	20.0	111.50	71.53-134.48	0.500U
1,2-dichloropropane	21.7	ug/L	20.0	108.45	74.50-129.66	0.200U
1,3-Dichloropropane	21.3	ug/L	20.0	106.65	72.32-131.54	0.300U
2,2-Dichloropropane	22.4	ug/L	20.0	112.05	61.83-150.70	0.500U
2-Butanone (MEK)	13.1	ug/L	20.0	65.65	64.53-153.74	0.500U
2-Hexanone	16.6	ug/L	20.0	82.80	62.58-147.29	0.500U
Surr:Bromofluorobenzene	9.90	ug/L	10.0	99.00	53.82-151.16	
Surr:Toluene-d8	9.65	ug/L	10.0	96.50	88.05-109.81	
Surr:1,2-Dichloroethane-d4	9.83	ug/L	10.0	98.30	75.07-126.19	

Matrix Spike Duplicate

Result

Spike

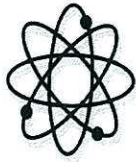
%REC

%REC Lim

Sample

RPD Lim

Acetone	7.05	ug/L	20.0	35.25	46.01-156.32	5.00U	3.21	38.47
Acrylonitrile	18.4	ug/L	20.0	92.00	43.40-147.39	0.300U	7.08	24.85
Allyl Chloride	21.6	ug/L	20.0	107.85	80.00-120.00	1.00U	6.89	15.00
Benzene	20.2	ug/L	20.0	101.15	74.48-134.24	0.500U	8.34	18.98
Bromochloromethane	19.5	ug/L	20.0	97.35	73.98-126.75	0.100U	9.21	15.45
Bromodichloromethane	19.7	ug/L	20.0	98.65	74.51-131.60	0.100U	8.49	14.47
Bromoform	19.8	ug/L	20.0	98.75	65.77-126.66	0.500U	7.03	18.89
Bromomethane	34.5	ug/L	20.0	172.70	45.79-154.07	0.500U	24.14	22.97
Carbon Tetrachloride	20.5	ug/L	20.0	102.35	69.71-134.11	0.500U	8.29	18.68
Chlorobenzene	20.9	ug/L	20.0	104.35	78.18-124.63	0.500U	7.07	17.54
Chloroethane	20.4	ug/L	20.0	102.15	57.96-148.61	0.500U	3.65	24.25
Chloroform	19.4	ug/L	20.0	96.85	67.52-139.02	0.500U	9.35	17.36
Chloromethane	21.3	ug/L	20.0	106.35	51.30-156.78	0.500U	3.28	24.58
cis-1,2-dichloroethene	20.0	ug/L	20.0	100.20	76.64-126.84	0.200U	8.69	19.01
cis-1,3-Dichloropropene	19.6	ug/L	20.0	98.10	67.26-137.96	0.500U	9.10	17.79



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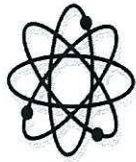
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Jan 28, 2013; Invoice: 195185

Quality Control Batch: 10215021

Analyst: CLS

Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Dibromochloromethane	20.6	ug/L	20.0	103.15	73.00-123.23	0.400U	6.70	17.16
Dibromomethane	19.0	ug/L	20.0	94.75	73.11-128.50	0.500U	9.40	14.33
Dichlorodifluoromethane	20.6	ug/L	20.0	103.20	31.11-164.64	0.500U	6.70	25.30
Ethyl methacrylate	19.3	ug/L	20.0	96.40	80.00-120.00	0.500U	10.98	15.00
Ethylbenzene	20.8	ug/L	20.0	104.05	73.91-128.64	0.500U	6.51	17.78
Methacrylonitrile	18.5	ug/L	20.0	92.50	80.00-120.00	0.500U	9.47	15.00
Methyl Iodide	29.7	ug/L	20.0	148.70	54.23-165.25	1.00U	11.41	24.15
Methyl isobutyl ketone	18.3	ug/L	20.0	91.30	57.64-133.07	1.00U	11.75	23.20
Methyl Methacrylate	19.5	ug/L	20.0	97.40	80.00-120.00	2.00U	8.88	15.00
m-dichlorobenzene	19.1	ug/L	20.0	95.65	50.29-142.90	1.00U	8.51	22.29
o-dichlorobenzene	21.4	ug/L	20.0	106.85	69.74-129.80	0.500U	2.77	21.29
Para-dichlorobenzene	21.1	ug/L	20.0	105.65	71.04-127.37	0.500U	4.80	17.00
Styrene	21.1	ug/L	20.0	105.25	70.44-126.55	0.500U	5.09	14.84
Tetrachloroethene	20.8	ug/L	20.0	104.10	68.01-124.71	0.500U	7.18	17.03
Toluene	18.7	ug/L	20.0	93.30	49.77-180.05	0.500U	5.27	27.05
trans-1,2-dichloroethene	20.8	ug/L	20.0	103.75	77.67-128.73	0.500U	7.16	18.11
trans-1,3-Dichloropropene	19.9	ug/L	20.0	99.60	71.14-135.42	0.500U	10.29	19.23
Trichloroethene	20.2	ug/L	20.0	100.85	68.77-131.64	0.500U	8.50	17.05
Trichlorofluoromethane	20.1	ug/L	20.0	100.50	77.68-135.38	0.500U	7.89	16.98
Vinyl chloride	20.8	ug/L	20.0	104.05	48.94-159.62	0.500U	7.58	24.90
Xylenes	21.4	ug/L	20.0	107.00	56.51-147.62	0.500U	5.28	21.53
1,1,1,2-Tetrachloroethane	61.7	ug/L	60.0	102.90	74.03-127.32	1.00U	7.03	18.64
1,1,1-Trichloroethane	20.7	ug/L	20.0	103.45	74.08-128.41	0.500U	6.59	18.35
1,1,2,2-Tetrachloroethane	20.2	ug/L	20.0	100.80	74.12-134.44	0.500U	8.27	19.03
1,1,2-Trichloroethane	19.3	ug/L	20.0	96.50	70.96-136.31	0.100U	9.85	18.50
1,1-Dichloroethane	20.2	ug/L	20.0	100.80	78.08-124.41	0.500U	8.32	15.94
1,1-Dichloroethene	20.2	ug/L	20.0	100.75	72.78-134.55	0.500U	9.00	16.44
1,1-Dichloropropene	21.2	ug/L	20.0	106.20	58.40-151.32	0.500U	8.91	23.15
	20.8	ug/L	20.0	103.90	73.25-137.34	0.200U	8.08	22.56



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Jan 28, 2013; Invoice: 195185

Quality Control Batch: 10215021

Matrix Spike Duplicate

Sample	Conc	Units	Spk	%REC	%REC Limit	Sample	RPD	RPD Limit
1,2,4-trichlorobenzene	21.5	ug/L	20.0	107.60	22.90-145.92	0.500U	1.02	20.25
1,2-dichloroethane	20.4	ug/L	20.0	101.95	71.53-134.48	0.500U	8.95	15.32
1,2-dichloropropane	19.8	ug/L	20.0	99.00	74.50-129.66	0.200U	9.11	16.56
1,3-Dichloropropane	19.7	ug/L	20.0	98.70	72.32-131.54	0.300U	7.74	23.05
2,2-Dichloropropane	20.0	ug/L	20.0	99.85	61.83-150.70	0.500U	11.51	23.34
2-Butanone (MEK)	11.7	ug/L	20.0	58.45	64.53-153.74	0.500U	11.60	32.53
2-Hexanone	15.3	ug/L	20.0	76.40	62.58-147.29	0.500U	8.04	25.26
Surr:Bromofluorobenzene	9.84	ug/L	10.0	98.40	53.82-151.16		0.61	13.51
Surr:Toluene-d8	9.49	ug/L	10.0	94.90	88.05-109.81		1.67	7.44
Surr:1,2-Dichloroethane-d4	9.41	ug/L	10.0	94.10	75.07-126.19		4.37	8.75

Quality Control Batch: 10215188

Blank

Surr:2-Fluorophenol

Analyst: CLS

Result 32.7
Units ug/L

Laboratory Control Sample

Surr:2-Fluorophenol

Result 41.5
Units ug/L
Spike 50.0
%REC 82.94
%REC Lim 7.39-118.36

Matrix Spike

Surr:2-Fluorophenol

Result 9.51
Units ug/L
Spike 50.0
%REC 19.02
%REC Lim 80.00-120.00

Matrix Spike Duplicate

Surr:2-Fluorophenol

Result 10.6
Units ug/L
Spike 50.0
%REC 21.10
%REC Lim 80.00-120.00
RPD 10.37
RPD Lim 18.78

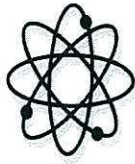
Quality Control Batch: 10215200

Blank

Total Sulfide

Analyst: TRB

Result 0.100U
Units mg/L



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Quality Control Batch: 10215246

Blank	Analyst: DLJ
Result	Units
1,2,3-Trichloropropane	0.0200U ug/L
1,2-Dibromoethane (EDB)	0.0100U ug/L
1,2-dibromo-3-chloropropane	0.0200U ug/L

Laboratory Control Sample

1,2,3-Trichloropropane	Result	Units	Spike	%REC	%REC Lim
	0.296	ug/L	0.250	118.39	80.00-120.00
1,2-Dibromoethane (EDB)	0.231	ug/L	0.250	92.52	71.37-128.24
1,2-dibromo-3-chloropropane	0.224	ug/L	0.250	89.72	56.44-144.91

Quality Control Batch: 10215261

Blank	Analyst: PCW
Result	Units
Ammonia (as N)	0.0100U mg/L

Laboratory Control Sample

Ammonia (as N)	Result	Units	Spike	%REC	%REC Lim
	0.491	mg/L	0.500	98.20	81.97-117.96

Matrix Spike

Ammonia (as N)	Result	Units	Spike	%REC	%REC Lim	Sample
	0.764	mg/L	0.780	85.64	55.89-136.14	0.0960

Matrix Spike Duplicate

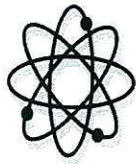
Ammonia (as N)	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
	0.756	mg/L	0.780	84.62	55.89-136.14	0.0960	1.05	13.58

Quality Control Batch: 10215345

Blank	Analyst: PCW
Result	Units
Cyanide	0.00500U mg/L

Laboratory Control Sample

Cyanide	Result	Units	Spike	%REC	%REC Lim
	0.0980	mg/L	0.100	98.00	46.95-133.05



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Quality Control Batch: 10215345

Matrix Spike

Cyanide

Analyst: PCW

Result	Units
0.0730	mg/L

Matrix Spike Duplicate

Cyanide

Result	Units
0.0733	mg/L

Quality Control Batch: 10215403

Blank

Disulfoton

Ethyl Parathion

Methyl Parathion

Phorate

Analyst: DLJ

Result	Units
0.300U	ug/L
0.500U	ug/L
0.500U	ug/L
1.00U	ug/L

Laboratory Control Sample

Disulfoton

Ethyl Parathion

Methyl Parathion

Phorate

Result	Units
5.12	ug/L
4.80	ug/L
4.78	ug/L
3.76	ug/L

%REC	%REC Lim
128.02	33.40-167.19
119.96	80.00-120.00
119.42	20.01-160.55
94.04	29.28-161.04

%REC	%REC Lim
90.26	49.05-125.20

%REC	%REC Lim
90.63	49.05-125.20

Sample	RPD
0.000794	0.41
0.000794	23.62

Quality Control Batch: 10215480

Blank

Arochlor 1016

Arochlor 1221

Arochlor 1232

Arochlor 1242

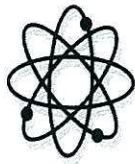
Arochlor 1248

Arochlor 1254

Arochlor 1260

Analyst: DLJ

Result	Units
0.100U	ug/L
0.100U	ug/L
0.100U	ug/L
0.100U	ug/L
0.100U	ug/L
0.100U	ug/L
0.100U	ug/L



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Laboratory Control Sample

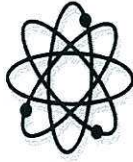
Arochlor 1254

Result	Units	Spike	%REC	%REC Lim
7.91	ug/L	10.0	79.13	80.00-120.00

Quality Control Batch: 10215736

Blank	Result	Units	Analyst: CLS
-------	--------	-------	--------------

Acenaphthene	2.00U	ug/L	
Acenaphthylene	2.00U	ug/L	
Acetophenone	10.0U	ug/L	
Anthracene	2.00U	ug/L	
Benzo(a)anthracene	0.200U	ug/L	
Benzo(a)pyrene	1.00U	ug/L	
Benzo(b)fluoranthene	0.100U	ug/L	
Benzo(g,h,i)perylene	2.00U	ug/L	
Benzo(k)fluoranthene	1.00U	ug/L	
Benzyl alcohol	5.00U	ug/L	
Bis(2-chloroethoxy)methane	2.00U	ug/L	
Bis(2-chloroethyl)ether	2.00U	ug/L	
Bis(2-ethylhexyl)phthalate	3.00U	ug/L	
Butyl benzyl phthalate	3.00U	ug/L	
Chlorobenzilate	0.800U	ug/L	
Chrysene	2.00U	ug/L	
Diallate	2.00U	ug/L	
Dibenzofuran	5.00U	ug/L	
Dibenz(a,h)anthracene	0.200U	ug/L	
Diethylphthalate	3.00U	ug/L	
Dimethoate	2.00U	ug/L	
Dimethylphthalate	3.00U	ug/L	
Diphenylamine	10.0U	ug/L	
Di-n-butylphthalate	3.00U	ug/L	



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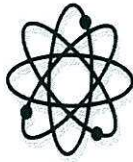
Phone: 407-339-5984 / Fax: 407-260-6110 E83018 (Main Lab)
Phone: 772-343-8006 / Fax: 772-343-8089 E86562 (South Lab)
Phone: 850-973-6878 / Fax: 850-973-6878 E82405 (North Lab)
Phone: 305-743-8598 / Fax: 305-743-8598 E35834 (Keys Lab)

Atkins-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa, FL 33607

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jan 10, 2013
Jan 28, 2013; Invoice: 195185

Quality Control Batch: 10215736

Blank	Analyst: CLS	Result	Units
Di-n-octylphthalate	3.00U		ug/L
Ethyl methanesulfonate	20.0U		ug/L
Famphur	2.00U		ug/L
Fluoranthene	2.00U		ug/L
Fluorene	2.00U		ug/L
Hexachlorobenzene	1.00U		ug/L
Hexachlorobutadiene	2.00U		ug/L
Hexachlorocyclopentadiene	2.00U		ug/L
Hexachloroethane	2.00U		ug/L
Hexachloropropene	10.0U		ug/L
Indeno(1,2,3-cd)pyrene	0.200U		ug/L
Isodrin	20.0U		ug/L
Isophorone	2.00U		ug/L
Isosafrole	10.0U		ug/L
Kepone	2.00U		ug/L
Methapyrliene	20.0U		ug/L
Methyl methanesulfonate	10.0U		ug/L
m-Cresol	10.0U		ug/L
m-Dinitrobenzene	2.00U		ug/L
m-nitroaniline	2.00U		ug/L
Naphthalene	2.00U		ug/L
Nitrobenzene	2.00U		ug/L
N-Nitroso di-n-butylamine	2.00U		ug/L
N-Nitrosodiethylamine	3.00U		ug/L
N-Nitrosodimethylamine	3.00U		ug/L
N-Nitrosodiphenylamine	2.00U		ug/L
N-Nitrosodi-n-propylamine	2.00U		ug/L
N-Nitrosomethylethylamine	2.00U		ug/L
N-Nitrosopiperidine	10.0U		ug/L



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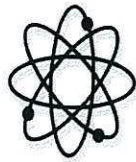
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Blank	Analyst: CLS	Result	Units
N-Nitrosopyrrolidine	2.00U		ug/L
O,O,O-Triethylphosphorothioate	10.0U		ug/L
O,O-diethyl-O,2-pyrazinylphosphorothioate	10.0U		ug/L
o-Cresol	2.00U		ug/L
o-nitroaniline	10.0U		ug/L
o-Toluidine	2.00U		ug/L
Pentachlorobenzene	0.300U		ug/L
Pentachloronitrobenzene	0.300U		ug/L
Pentachlorophenol	0.400U		ug/L
Phenacetin	20.0U		ug/L
Phenanthrene	2.00U		ug/L
Phenol	2.00U		ug/L
Promamide	10.0U		ug/L
Pyrene	2.00U		ug/L
p-Chloroaniline	10.0U		ug/L
p-Chloro-m-Cresol	2.00U		ug/L
p-Cresol	2.00U		ug/L
p-nitroaniline	2.00U		ug/L
p-Phenylenediamine	10.0U		ug/L
p-(Dimethylamino)azobenzene	10.0U		ug/L
Saffrole	10.0U		ug/L
Trinitrobenzene	10.0U		ug/L
1,2,4,5-Tetrachlorobenzene	2.00U		ug/L
1,4-Naphthoquinone	10.0U		ug/L
1-Naphthalamine	10.0U		ug/L
2,3,4,6-Tetrachlorophenol	2.00U		ug/L
2,4,5-Trichlorophenol	1.00U		ug/L
2,4,6-Trichlorophenol	2.00U		ug/L
2,4-Dichlorophenol	1.00U		ug/L



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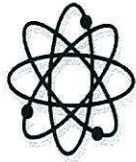
Analyst: CLS

Blank Result Units

2,4-Dimethylphenol	2.00U	ug/L
2,4-Dinitrophenol	5.00U	ug/L
2,4-Dinitrotoluene	0.200U	ug/L
2,6-Dichlorophenol	1.00U	ug/L
2,6-Dinitrotoluene	2.00U	ug/L
2-Acetylaminofluorene	10.0U	ug/L
2-Chloronaphthalene	2.00U	ug/L
2-chlorophenol	2.00U	ug/L
2-methyl-Naphthalene	2.00U	ug/L
2-methyl-4,6-dinitrophenol	2.00U	ug/L
2-Naphthylamine	2.00U	ug/L
2-Nitrophenol	2.00U	ug/L
3,3'-Dichlorobenzidine	2.00U	ug/L
3,3'-Dimethylbenzidine	2.00U	ug/L
3-Methylcholanthrene	10.0U	ug/L
4-Aminobiphenyl	10.0U	ug/L
4-Bromophenylphenyl ether	2.00U	ug/L
4-Chlorophenylphenyl ether	2.00U	ug/L
4-Nitrophenol	2.00U	ug/L
5-Nitro-o-toluidine	2.00U	ug/L
7,12-Dimethylbenz(a)anthracene	10.0U	ug/L
Surr:Nitrobenzene-d5	37.4	ug/L
Surr:Phenol-d5	14.7	ug/L
Surr:Terphenyl-d14	44.8	ug/L
Surr:2,4,6-Tribromophenol	25.0	ug/L
Surr:2-Fluorobiphenyl	38.6	ug/L

Laboratory Control Sample

Acenaphthene	Result	Units	Spike	%REC	%REC Lim
	19.5	ug/L	50.0	38.90	19.43-110.82



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PO #: 40612

Client Project #: HARDEE COUNTY REGIONAL LAN

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Quality Control Batch: 10215736

Laboratory Control Sample

Analyst: CLS

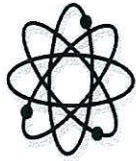
Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim
Acenaphthylene	19.2	ug/L	50.0	38.40	11.73-114.82
Anthracene	20.1	ug/L	50.0	40.10	35.89-115.69
Benzo(a)anthracene	19.0	ug/L	50.0	38.08	41.93-129.99
Benzo(a)pyrene	21.0	ug/L	50.0	42.02	39.40-119.98
Benzo(b)fluoranthene	19.8	ug/L	50.0	39.66	31.36-135.33
Benzo(g,h,i)perylene	26.5	ug/L	50.0	52.94	46.39-130.38
Benzo(k)fluoranthene	20.3	ug/L	50.0	40.52	33.95-145.70
Bis(2-chloroethoxy)methane	19.4	ug/L	50.0	38.70	20.91-104.32
Bis(2-chloroethyl)ether	21.7	ug/L	50.0	43.42	18.37-99.13
Bis(2-ethylhexyl)phthalate	23.8	ug/L	50.0	47.56	49.06-144.86
Butyl benzyl phthalate	19.1	ug/L	50.0	38.26	7.48-144.10
Chrysene	22.1	ug/L	50.0	44.28	46.72-134.45
Dibenz(a,h)anthracene	23.8	ug/L	50.0	47.64	37.64-133.88
Diethylphthalate	20.4	ug/L	50.0	40.80	18.85-127.83
Dimethylphthalate	20.9	ug/L	50.0	41.80	14.66-119.16
Di-n-butylphthalate	21.0	ug/L	50.0	42.00	11.05-132.80
Di-n-octylphthalate	18.0	ug/L	50.0	35.94	47.68-133.80
Fluoranthene	21.5	ug/L	50.0	42.96	24.34-134.54
Fluorene	22.0	ug/L	50.0	43.98	19.06-111.25
Hexachlorobenzene	18.1	ug/L	50.0	36.12	28.31-127.72
Hexachlorobutadiene	13.8	ug/L	50.0	27.66	17.28-108.31
Hexachlorocyclopentadiene	6.41	ug/L	50.0	12.82	9.79-126.19
Hexachloroethane	16.0	ug/L	50.0	32.06	20.94-88.14
Indeno(1,2,3-cd)pyrene	24.5	ug/L	50.0	49.00	37.85-143.45
Isophorone	18.5	ug/L	50.0	36.98	15.48-109.35
Naphthalene	18.6	ug/L	50.0	37.24	22.76-100.00
Nitrobenzene	17.9	ug/L	50.0	35.86	16.67-101.87
N-Nitrosodimethylamine	14.8	ug/L	50.0	29.60	12.84-110.84
N-Nitrosodiphenylamine	18.8	ug/L	50.0	37.56	20.14-136.25

FLDOH: E83018 (Main Lab)

FLDOH: E86562 (South Lab)

FLDOH: E82405 (North Lab)

NJDEP: FL015



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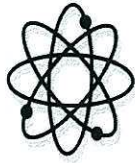
PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jan 10, 2013
Jan 28, 2013; Invoice: 195185

Quality Control Batch: 10215736

Laboratory Control Sample

Analyst: CLS

Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim
N-Nitrosodi-n-propylamine	18.2	ug/L	50.0	36.38	7.78-121.66
o-Cresol	19.7	ug/L	50.0	39.34	31.85-96.90
Pentachlorophenol	3.59	ug/L	50.0	7.18	22.28-137.29
Phenanthrene	20.8	ug/L	50.0	41.68	33.30-113.56
Phenol	18.8	ug/L	50.0	37.50	22.51-89.77
Pyrene	22.6	ug/L	50.0	45.18	42.73-127.70
p-Chloro-m-Cresol	18.1	ug/L	50.0	36.24	23.38-107.86
p-Cresol	19.3	ug/L	50.0	38.58	70.00-120.00
2,4,5-Trichlorophenol	14.4	ug/L	50.0	28.86	42.66-114.96
2,4,6-Trichlorophenol	11.8	ug/L	50.0	23.58	21.76-108.71
2,4-Dichlorophenol	17.2	ug/L	50.0	34.44	20.31-101.72
2,4-Dimethylphenol	13.0	ug/L	50.0	25.98	7.63-107.79
2,4-Dinitrophenol	2.90	ug/L	50.0	5.80	9.34-139.66
2,4-Dinitrotoluene	18.3	ug/L	50.0	36.68	32.19-126.79
2,6-Dinitrotoluene	19.2	ug/L	50.0	38.32	27.21-115.54
2-Chloronaphthalene	15.4	ug/L	50.0	30.80	18.48-106.95
2-chlorophenol	19.2	ug/L	50.0	38.36	26.80-96.34
2-methyl-Naphthalene	16.3	ug/L	50.0	32.52	19.08-101.21
2-methyl-4,6-dinitrophenol	4.42	ug/L	50.0	8.84	28.26-128.29
2-Nitrophenol	15.4	ug/L	50.0	30.78	17.49-107.10
4-Bromophenylphenyl ether	18.6	ug/L	50.0	37.18	20.05-126.55
4-Chlorophenylphenyl ether	19.9	ug/L	50.0	39.86	12.26-120.37
4-Nitrophenol	3.80	ug/L	50.0	7.60	18.72-121.25
Surr: Nitrobenzene-d5	39.1	ug/L	50.0	78.18	5.91-135.33
Surr: Phenol-d5	31.3	ug/L	50.0	62.54	3.28-127.80
Surr: Terphenyl-d14	48.0	ug/L	50.0	96.04	37.97-143.50
Surr: 2,4,6-Tribromophenol	29.2	ug/L	50.0	58.34	20.44-122.58
Surr: 2-Fluorobiphenyl	42.1	ug/L	50.0	84.10	18.75-110.25



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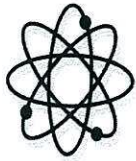
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Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample
Acenaphthene	18.1	ug/L	50.0	36.16	24.01-102.00	2.00U
Acenaphthylene	16.4	ug/L	50.0	32.86	15.89-118.25	2.00U
Anthracene	17.5	ug/L	50.0	35.02	36.35-119.37	2.00U
Benzo(a)anthracene	18.8	ug/L	50.0	37.56	22.93-131.37	0.200U
Benzo(a)pyrene	19.5	ug/L	50.0	38.92	28.55-113.30	1.00U
Benzo(b)fluoranthene	18.6	ug/L	50.0	37.24	3.39-132.21	0.100U
Benzo(g,h,i)perylene	22.0	ug/L	50.0	44.08	29.74-126.64	2.00U
Benzo(k)fluoranthene	18.1	ug/L	50.0	36.20	0.00-172.28	1.00U
Bis(2-chloroethoxy)methane	16.7	ug/L	50.0	33.48	18.79-84.90	2.00U
Bis(2-chloroethyl)ether	18.6	ug/L	50.0	37.18	31.14-66.69	2.00U
Bis(2-ethylhexyl)phthalate	15.2	ug/L	50.0	30.42	45.78-149.57	3.00U
Butyl benzyl phthalate	21.6	ug/L	50.0	43.14	8.98-167.94	3.00U
Chrysene	20.4	ug/L	50.0	40.70	21.81-143.20	2.00U
Dibenz(a,h)anthracene	19.2	ug/L	50.0	38.38	14.09-128.46	0.200U
Diethylphthalate	20.0	ug/L	50.0	39.98	1.00-100.00	3.00U
Dimethylphthalate	20.1	ug/L	50.0	40.18	1.00-124.78	3.00U
Di-n-butylphthalate	21.0	ug/L	50.0	42.08	27.77-132.10	3.00U
Di-n-octylphthalate	14.7	ug/L	50.0	29.42	44.56-151.00	3.00U
Fluoranthene	21.5	ug/L	50.0	43.04	20.92-125.32	2.00U
Fluorene	21.0	ug/L	50.0	41.90	15.17-114.79	2.00U
Hexachlorobenzene	16.4	ug/L	50.0	32.86	39.18-107.37	1.00U
Hexachlorobutadiene	11.4	ug/L	50.0	22.82	19.64-107.65	2.00U
Hexachlorocyclopentadiene	3.23	ug/L	50.0	6.46	21.11-153.35	2.00U
Hexachloroethane	13.6	ug/L	50.0	27.10	0.00-145.15	2.00U
Indeno(1,2,3-cd)pyrene	20.9	ug/L	50.0	41.84	13.91-145.82	0.200U
Isophorone	16.9	ug/L	50.0	33.86	23.01-78.93	2.00U
Naphthalene	16.2	ug/L	50.0	32.32	9.17-110.12	2.00U
Nitrobenzene	15.5	ug/L	50.0	30.90	80.00-120.00	2.00U
N-Nitrosodimethylamine	14.1	ug/L	50.0	28.18	0.00-129.97	3.00U
N-Nitrosodiphenylamine	8.11	ug/L	50.0	16.22	18.25-143.12	2.00U



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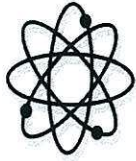
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Matrix Spike	Analyst: CLS	Result	Units	Spike	%REC	%REC Lim
N-Nitrosodi-n-propylamine		16.8	ug/L	50.0	33.58	19.99-90.09
o-Cresol		9.92	ug/L	50.0	19.84	0.00-128.19
Pentachlorophenol		11.1	ug/L	50.0	22.18	33.93-127.96
Phenanthrene		20.0	ug/L	50.0	39.92	19.47-133.87
Phenol		4.50	ug/L	50.0	9.00	24.35-78.84
Pyrene		22.3	ug/L	50.0	44.56	21.53-149.12
p-Chloro-m-Cresol		10.6	ug/L	50.0	21.14	21.61-109.88
p-Cresol		9.04	ug/L	50.0	18.08	80.00-120.00
2,4,5-Trichlorophenol		6.99	ug/L	50.0	13.98	80.00-120.00
2,4,6-Trichlorophenol		5.83	ug/L	50.0	11.66	24.26-90.82
2,4-Dichlorophenol		4.90	ug/L	50.0	9.80	3.49-115.80
2,4-Dimethylphenol		14.3	ug/L	50.0	28.60	80.00-120.00
2,4-Dinitrophenol		8.22	ug/L	50.0	16.44	9.63-157.09
2,4-Dinitrotoluene		18.9	ug/L	50.0	37.76	21.53-131.97
2,6-Dinitrotoluene		18.4	ug/L	50.0	36.82	2.57-141.27
2-Chloronaphthalene		14.5	ug/L	50.0	29.02	32.50-75.12
2-chlorophenol		3.52	ug/L	50.0	7.04	80.00-120.00
2-methyl-Naphthalene		14.8	ug/L	50.0	29.62	23.63-87.85
2-methyl-4,6-dinitrophenol		9.49	ug/L	50.0	18.98	9.66-145.51
2-Nitrophenol		3.67	ug/L	50.0	7.34	30.89-79.77
4-Bromophenylphenyl ether		17.7	ug/L	50.0	35.30	28.41-111.16
4-Chlorophenylphenyl ether		18.6	ug/L	50.0	37.20	9.01-119.69
4-Nitrophenol		18.2	ug/L	50.0	36.38	29.44-124.00
Surr:Nitrobenzene-d5		33.2	ug/L	50.0	66.32	11.76-107.00
Surr:Phenol-d5		2.94	ug/L	50.0	5.88	80.00-120.00
Surr:Terphenyl-d14		41.6	ug/L	50.0	83.28	6.08-149.12
Surr:2,4,6-Tribromophenol		20.1	ug/L	50.0	40.18	6.92-122.06
Surr:2-Fluorobiphenyl		37.8	ug/L	50.0	75.52	16.08-95.65



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Phone: 850-973-6878 / Fax: 850-973-6878 E82405 (North Lab)
Phone: 305-743-8598 / Fax: 305-743-8598 E35834 (Keys Lab)

Atkins-Tampa

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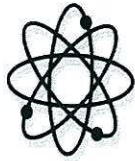
PO #: 40612

Client Project #: HARDEE COUNTY REGIONAL LAN

Date Sampled: Jan 10, 2013

Jan 28, 2013; Invoice: 195185

Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Acenaphthene	17.8	ug/L	50.0	35.60	24.01-102.00	2.00U	1.56	21.67
Acenaphthylene	16.5	ug/L	50.0	33.08	15.89-118.25	2.00U	0.67	18.46
Anthracene	17.1	ug/L	50.0	34.28	36.35-119.37	2.00U	2.14	10.13
Benzo(a)anthracene	18.6	ug/L	50.0	37.22	22.93-131.37	0.200U	0.91	9.54
Benzo(a)pyrene	18.8	ug/L	50.0	37.68	28.55-113.30	1.00U	3.24	14.14
Benzo(b)fluoranthene	18.8	ug/L	50.0	37.62	3.39-132.21	0.100U	1.02	14.63
Benzo(g,h,i)perylene	22.3	ug/L	50.0	44.52	29.74-126.64	2.00U	0.99	17.03
Benzo(k)fluoranthene	17.8	ug/L	50.0	35.64	0.00-172.28	1.00U	1.56	16.07
Bis(2-chloroethoxy)methane	17.6	ug/L	50.0	35.24	18.79-84.90	2.00U	5.12	16.75
Bis(2-chloroethyl)ether	20.0	ug/L	50.0	40.02	31.14-66.69	2.00U	7.36	17.90
Bis(2-ethylhexyl)phthalate	16.1	ug/L	50.0	32.10	45.78-149.57	3.00U	5.37	10.12
Butyl benzyl phthalate	21.6	ug/L	50.0	43.14	8.98-167.94	3.00U	0.00	4.98
Chrysene	19.4	ug/L	50.0	38.76	21.81-143.20	2.00U	4.88	13.79
Dibenz(a,h)anthracene	19.6	ug/L	50.0	39.22	14.09-128.46	0.200U	2.16	13.26
Diethylphthalate	19.2	ug/L	50.0	38.38	1.00-100.00	3.00U	4.08	19.12
Dimethylphthalate	19.9	ug/L	50.0	39.84	1.00-124.78	3.00U	0.85	13.85
Di-n-butylphthalate	20.6	ug/L	50.0	41.28	27.77-132.10	3.00U	1.92	10.19
Di-n-octylphthalate	15.0	ug/L	50.0	29.94	44.56-151.00	3.00U	1.75	11.27
Fluoranthene	20.6	ug/L	50.0	41.24	20.92-125.32	2.00U	4.27	13.82
Fluorene	20.7	ug/L	50.0	41.34	15.17-114.79	2.00U	1.35	15.89
Hexachlorobenzene	16.2	ug/L	50.0	32.32	39.18-107.37	1.00U	1.66	7.77
Hexachlorobutadiene	12.3	ug/L	50.0	24.60	19.64-107.65	2.00U	7.51	13.24
Hexachlorocyclopentadiene	3.38	ug/L	50.0	6.76	21.11-153.35	2.00U	4.54	13.50
Hexachloroethane	14.3	ug/L	50.0	28.60	0.00-145.15	2.00U	5.39	11.44
Indeno(1,2,3-cd)pyrene	21.0	ug/L	50.0	41.90	13.91-145.82	0.200U	0.14	16.14
Isophorone	17.3	ug/L	50.0	34.62	23.01-78.93	2.00U	2.22	17.92
Naphthalene	17.4	ug/L	50.0	34.82	9.17-110.12	2.00U	7.45	18.47
Nitrobenzene	16.6	ug/L	50.0	33.20	80.00-120.00	2.00U	7.18	14.30
N-Nitrosodimethylamine	12.0	ug/L	50.0	23.98	0.00-129.97	3.00U	16.10	19.85
N-Nitrosodiphenylamine	12.8	ug/L	50.0	25.60	18.25-143.12	2.00U	44.86	8.53



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E83018 (Main Lab)
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E35834 (Keys Lab)

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PO #: 40612

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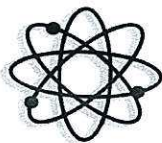
Jan 28, 2013; Invoice: 195185

Quality Control Batch: 10215736

Analyst: CLS

Matrix Spike Duplicate

Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
N-Nitrosodi-n-propylamine	17.2	ug/L	50.0	34.42	19.99-90.09	2.00U	2.47	18.67
o-Cresol	10.6	ug/L	50.0	21.26	0.00-128.19	2.00U	6.91	14.73
Pentachlorophenol	10.1	ug/L	50.0	20.20	33.93-127.96	0.400U	9.34	7.50
Phenanthrene	19.5	ug/L	50.0	38.92	19.47-133.87	2.00U	2.54	13.53
Phenol	4.69	ug/L	50.0	9.38	24.35-78.84	2.00U	4.13	18.10
Pyrene	21.3	ug/L	50.0	42.68	21.53-149.12	2.00U	4.31	12.69
p-Chloro-m-Cresol	10.8	ug/L	50.0	21.52	21.61-109.88	2.00U	1.78	19.71
p-Cresol	9.28	ug/L	50.0	18.56	80.00-120.00	2.00U	2.62	20.00
2,4,5-Trichlorophenol	7.58	ug/L	50.0	15.16	80.00-120.00	1.00U	8.10	9.77
2,4,6-Trichlorophenol	5.93	ug/L	50.0	11.86	24.26-90.82	2.00U	1.70	11.70
2,4-Dichlorophenol	5.43	ug/L	50.0	10.86	3.49-115.80	1.00U	10.26	14.90
2,4-Dimethylphenol	14.0	ug/L	50.0	28.04	80.00-120.00	2.00U	1.98	17.81
2,4-Dinitrophenol	7.31	ug/L	50.0	14.62	9.63-157.09	5.00U	11.72	14.19
2,4-Dinitrotoluene	18.3	ug/L	50.0	36.58	21.53-131.97	0.200U	3.17	8.90
2,6-Dinitrotoluene	18.2	ug/L	50.0	36.42	2.57-141.27	2.00U	1.09	7.60
2-Chloronaphthalene	14.6	ug/L	50.0	29.28	32.50-75.12	2.00U	0.89	19.02
2-chlorophenol	3.89	ug/L	50.0	7.78	80.00-120.00	2.00U	9.99	13.95
2-methyl-Naphthalene	15.6	ug/L	50.0	31.18	23.63-87.85	2.00U	5.13	22.66
2-methyl-4,6-dinitrophenol	9.47	ug/L	50.0	18.94	9.66-145.51	2.00U	0.21	7.43
2-Nitrophenol	4.40	ug/L	50.0	8.80	30.89-79.77	2.00U	18.09	13.79
4-Bromophenylphenyl ether	17.4	ug/L	50.0	34.88	28.41-111.16	2.00U	1.20	8.59
4-Chlorophenylphenyl ether	18.1	ug/L	50.0	36.24	9.01-119.69	2.00U	2.61	14.26
4-Nitrophenol	16.3	ug/L	50.0	32.64	29.44-124.00	2.00U	10.84	8.63
Surr:Nitrobenzene-d5	37.0	ug/L	50.0	73.98	11.76-107.00		10.92	23.39
Surr:Phenol-d5	3.51	ug/L	50.0	7.02	80.00-120.00		17.67	15.83
Surr:Terphenyl-d14	41.9	ug/L	50.0	83.88	6.08-149.12		0.72	20.47
Surr:2,4,6-Tribromophenol	20.4	ug/L	50.0	40.70	6.92-122.06		1.29	20.79
Surr:2-Fluorobiphenyl	41.3	ug/L	50.0	82.50	16.08-95.65		8.83	22.83



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PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jan 10, 2013
Jan 28, 2013; Invoice: 195185

Narrative Report

Sample Handling

Sample handling and holding time criteria were met for all samples. Samples collected by submitter. No unusual events occurred during analysis. Results are reported on a wet weight basis for aqueous matrices and on a dry weight basis for sludge and soil matrices unless otherwise noted. Sample results reported as dissolved were field filtered.

Quality Control

Enclosed analyses met method or FCL criteria, unless otherwise denoted on the sample results. Applied data qualifiers are defined below.

Attachments

Chain of Custody

Qualifier	Meaning
U	Compound was analyzed for but not detected.
J	Estimated value; one or more QC components associated with this data value exceed current QC limits.
Q	Sample held beyond the accepted holding time.
L	Off-scale high; reported concentration exceeds the highest standard.
V	Analyte was detected in both the sample and the associated method blank.
W	The dissolved oxygen blank was above .02 mg/L but less than the MDL.
Z	Too numerous to count colonies on plate.
A	Absent
P	Present
T	Value reported is less than the statistical method detection limit. Reported for informational purposes only.
M	Value reported is greater than the statistical method detection limit, but less than the reported MDL.
G	The greatest of the dilutions performed did not yield sufficient oxygen depletion for valid data.
S	The least of the dilutions performed did not yield sufficient oxygen residual for valid data.
O	Result is greater than (over) the specified value.
I	Reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
B	Results based upon colony plate count outside ideal range.
Y	The laboratory analysis was from an improperly preserved sample. The data may not be accurate.

☒ **Flowers Chemical Laboratories, Inc.**

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☐ **Flowers Chemical Labs - South**

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Fax: 772-343-8089

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Marathon, FL 33050
Bus: 305-743-8598
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Client

Project Name Atkins - Tampa		P.O. # 40612	
Client Contact 482 SOUTH KEEFER ROAD		FAX	
FCL Project Manager ORLANDO, FL 32810		E-MAIL	
Requested Due Date 407 647-7275		Rush Charges May Apply	
Requested Due Date 10 Day Standard		OR	
Pick-Up Fee \$	Vehicle Surcharge \$	Pick-Up Fee \$	Sampling Fee \$

Sampler Signature **PAYMUNDO CASTRO** Date Sampled **1/10/13**

ITEM NO	SAMPLE ID	DATE	TIME	MATRIX	(LAB USE ONLY) LAB NO.	PRESERVATIVES				ANALYSES REQUEST	COMMENTS	Total # Containers
						H ₂ SO ₄	HNO ₃	H ₂ O ₂	HOAc			
1	MH-9	1/10/13	16:15	SW	195185 GW/19	NONE					Quicklist: See Attached Leachate	
2												
3												
4												
5												
6												
7												
8												
9												
10												

FINANCE CHARGES APPLIED TO PAST DUE INVOICES

• WHITE - Lab Copy - To Be Scanned

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