TRANSMITTAL

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

DATE: January 13, 2012

JOB NO.: 100018228 - 2000.L

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

RE: Review of Semi-Annual Sampling Results
Second Half 2011 Sampling Event
Hardee County Landfill

Phone: 813-632-7600

WE ARE SENDING YOU ☒ Attached ☐ Under separate cover via _____
the following items:

☐ Shop Drawings ☐ Prints ☐ Plans ☐ Samples
☐ Copy of Letter ☐ Change Order ☐ Specifications ☒ Reports

COPIES	DATE	NO.	DESCRIPTION
2	Jan. 13, 2012	1	Review of Semi-Annual Sampling Results, Second Half
			Sampling Event, Hardee County Landfill
1	Jan. 13, 2012	1	CD containing the PDF copy of the above-referenced report and
			the associated ADaPT files

Dept. of Environmental Protection
JAN 17 2012
Southwest District

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REMARKS:

John,

On behalf of the Hardee County Solid Waste Department, we are submitting two copies of the above-referenced report. Also enclosed are the electronic files associated with that report (report PDF and ADaPT files). The next semi-annual sampling event will be conducted as required in the facility's permit (likely in June 2012).

Thanks,

Brad Bayne, PG
Atkins

SIGNED _____

DISTRIBUTION file, Ms. Teresa Carver (Hardee County - 2 copies)

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

Plan Design Enable

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Atkins North America, Inc.
482 South Keller Road
Orlando, Florida 32810-6101
Telephone: +1.407.647.7275
www.atkinsglobal.com/northamerica

Dept. of Environmental Protection
JAN 17 2012
Southwest District

January 13, 2012

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 2011 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 2011 sampling event at 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.

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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 2011, sampling of the leachate was also attempted during the second half 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.

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

SECOND HALF 2011 SAMPLING EVENT

The second half 2011 sampling event was conducted on December 14th and December 15th, 2011. Groundwater, surface water, and leachate samples were collected during this event. The groundwater, surface water, 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 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**.

The surface water sample was collected through polyethylene tubing using a peristaltic pump. The inlet to the tubing was placed at about mid-depth of the surface water body.

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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 2011 SAMPLING EVENT RESULTS

Groundwater Flow Pattern

Depth to groundwater measurements were collected at the eight monitoring wells and 15 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 0.00165 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, surface water, and leachate is presented below.

Groundwater Analytical Results

There were numerous inorganic analytes and one organic analyte 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, lead, mercury, silver, and thallium. At least one inorganic analyte was detected at every well in the monitoring network.

The concentrations of all of the analytes which 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 higher than the standards – arsenic, pH, and iron. Arsenic has an MCL, while pH and iron have SDWS criteria. A description of the detection patterns with these three analytes is described below.

- Arsenic - The standard for arsenic is 0.01 milligrams per liter (mg/L). The arsenic concentration slightly exceeded the standard in the sample from MW-4, which had an arsenic value of 0.0111 mg/L. MW-4 is designated as a background well.

- pH - The standard for pH is any value within the range of 6.5 to 8.5 The pH values at all of the wells except MW-2 were at 6.5 or lower, and the pH measured as low as 5.16 at

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well MW-11. The pH values at both of the background wells, MW-1 and MW-4, were lower than the standard range. The pH value at MW-2 was 6.87.

- Iron - The standard for iron is 0.3 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.

One organic compound (benzene) was detected in one well (MW-8). The concentration of benzene in MW-8 was 0.660 micrograms per liter (ug/L), which was less than the MCL for benzene of 1.0 ug/L. 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

There were several inorganic analytes and one organic analyte detected in the surface water sample (SW-2). The concentration of every analyte that was detected in the surface water sample was compared to the State surface water quality standards, and the only analyte that was inconsistent with the standard was dissolved oxygen (DO). The DO concentration measured 4.12 mg/L, which was lower than the standard of greater than 5 mg/L. Toluene was the only organic constituent detected (at a concentration of 0.740 ug/L). This concentration was well below the surface water criteria for toluene (of 480 ug/l). The surface water standards are promulgated by Chapter 62-302, FAC. A summary of the surface water analytical results is presented in **Table 3** and the laboratory analytical report is provided in **Attachment C**. Due to a laboratory error, Total Suspended Solids (TSS) and Biological Oxygen Demand (BOD) were inadvertently omitted from the list of parameters analyzed. These parameters will be sampled during the next 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 December 14, 2011, 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 (acetone and chlorobenzene) 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 4** and the laboratory analytical report is provided in **Appendix C**.

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SUMMARY AND CONCLUSIONS

The results of the second half 2011 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 surface water and very few organic analyte detections. There were four analytes detected outside of the regulatory standards; pH, arsenic, and iron were detected in the groundwater at concentrations in excess of the regulatory criteria, and DO was detected below the target range in the surface water. It should be noted that all of the parameters that were not in compliance with standards in the groundwater were also not in compliance with standards in the background monitoring wells.

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,

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

BRADLEY J. BAYNE
CERTIFICATE
1733
STATE OF FLORIDA
PROFESSIONAL GEOLOGIST

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 2011

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	6.53	81.44
MW-2	85.86	83.75	10.50	4	7.00	78.86
MW-4	87.16	84.09	18.90	2	6.88	80.28
MW-5	88.76	85.83	18.10	2	8.36	80.40
MW-8	88.98	85.80	13.50	2	9.25	79.73
MW-10R	88.56	85.49	15.12	2	8.84	79.72
MW-11	88.11	85.17	13.90	2	9.25	78.86
MW-12R	89.00	85.71	23.25	2	9.89	79.11
Piezometers						
MW-3	88.06	86.46	NA	2	7.45	80.61
MW-6	88.25	85.06	NA	2	9.45	78.80
MW-7	87.88	84.98	NA	2	8.84	79.04
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	5.84	78.63
P-8	85.32	83.25	NA	2	6.58	78.74
P-11	88.69	86.16	NA	2	8.48	80.21
P-13	87.96	87.98	NA	2	9.02	78.94
P-14	87.31	84.05	NA	2	8.48	78.83
P-15	87.72	89.62	NA	2	NM*	NM*
P-17	88.82	85.88	NA	2	6.96	81.86
P-18	88.74	84.37	NA	2	8.32	80.42
P-19	86.73	84.14	NA	2	6.1	80.63
P-20	87.6	84.68	NA	2	7.01	80.59
P-21	86.63	83.57	NA	2	7.36	79.27
P-22	87.04	84.09	NA	2	7.9	79.14
P-23	86.45	83.71	NA	2	7.93	78.52

NM* = Not measured, recently abandoned.

Table 2
Groundwater Analytical Summary
Hardee County Landfill
Second Half 2011

Analyte		Montoring Well:	MW-1	MW-2	MW-4	MW-5	MW-8	MW-10R	MW-11	MW-12R
		Sample Date:	12/15/2011	12/15/2011	12/15/2011	12/15/2011	12/15/2011	12/15/2011	12/15/2011	12/15/2011
	Standard[1]	Units								
Field Measurements										
Groundwater Elevation		ft	80.4	78.8	80.2	80.4	79.7	79	78.8	79.1
Temperature		deg. C	23.9	23.6	22.2	24.6	25.0	24.6	24.3	24.3
pH	6.5-8.5	STD	**5.31**	6.87	**6.43**	**5.39**	**6.28**	**6.09**	**5.16**	**6.21**
Conductivity		umhos/cm	2.15	514	555	97	365	271	46.8	218
Dissolved Oxygen (DO)		mg/l	1.47	0.87	0.12	0.100 U	0.700	0.23	0.23	0.650
Turbidity		NTU	17.8	15.9	2.11	0.9	1.60	1.9	18.5	9.22
Inorganics										
Nitrate (as N)	10	mg/l	0.0566	0.0100 U	0.0100 U	0.0100 U	0.0100 U	0.0206	0.0100 U	0.0354
TDS	500	mg/l	248	300	436	70	218	162	38	160
Chloride	250	mg/l	25.4	29.1	22.1	11.4	10.5	17.4	5.46 I	5.58 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	0.00969	0.00168 I	**0.0111**	0.00100 U	0.00100 U	0.00302	0.00100 U	0.0023
Barium	2	mg/l	0.0174	0.0271	0.0225	0.00446	0.0045	0.0177	0.0107	0.0112
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	0.00794	0.00143 I	0.00472	0.00264	0.00232	0.00201	0.00229	0.003
Cobalt		mg/l	0.00130 I	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	0.00100 U	0.00100 U	0.00130 I	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	0.00721	0.0039	0.00569	0.00100 U	0.00371	0.00129 I	0.00100 U	0.00229
Selenium	0.05	mg/l	0.00262 I	0.00200 U	0.00287 I	0.00200 U	0.00394 I	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	0.0386	0.00649	0.015	0.00100 U	0.00100 U	0.00100 U	0.00561	0.0057
Zinc	5	mg/l	0.0100 U	0.0100 U	0.0100 U	0.0100 U	0.0100 U	0.0100 U	0.0181 I	0.0517
Ammonia (as N)	2.8	mg/l	0.176	1.22	0.333	0.21	0.238	0.497	0.0207	0.104
Iron	0.3	mg/l	**9.98**	**2.62**	**10.7**	**5.15**	**1.21**	**21.3**	0.178	0.111
Sodium	160	mg/l	13.7	14.8	11.4	4.03	7.95	10.3	3.72	3.54
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	0.660 I	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	0.500 U	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

Table 3
Surface Water Analytical Summary
Hardee County Landfill
Second Half 2011

Analyte		Location:	SW-2
		Sample Identifier:	SW-2
		Date of Test:	12/14/2011
	Standard(1)	Units	
Field Measurements			
Temperature		deg. C	23.9
pH	6-8.5	STD	6.61
Conductivity	1275	umhos/cm	255
Dissolved Oxygen (DO)	>5	mg/l	4.12
Turbidity	29+	NTU	5.4
Inorganics			
Ammonia (as N)		mg/L	0.0218
Nitrate (as N)		mg/L	0.0890
Nitrite (as N)		mg/L	0.0200 U
Total Dissolved Solids (TDS)		mg/L	180 Q
Aluminum		mg/L	0.279
Antimony	4.3	mg/L	0.00200 U
Arsenic	0.05	mg/L	0.00171 I
Barium		mg/L	0.0272
Beryllium	0.00013	mg/L	0.000500 U
Cadmium	Note 2	mg/L	0.00100 U
Chromium	Note 3	mg/L	0.00296
Cobalt		mg/L	0.00100 U
Copper	Note 4	mg/L	0.0127
Iron	1	mg/L	0.532
Lead	Note 5	mg/L	0.00140 I
Mercury	0.000012	mg/L	0.0000200 U
Nickel	Note 6	mg/L	0.00401
Selenium	5	mg/L	0.00200 U
Silver	0.00007	mg/L	0.0000500 U
Thallium	0.0063	mg/L	0.00100 U
Vanadium	0.049	mg/L	0.00918
Zinc	Note 7	mg/L	0.0456
Fecal coliform	800	cfu/100mL	18.0
Total Hardness (as CaCO3)		mg/L	117
Total Organic Carbon (TOC)		mg/L	17.4
Total Nitrogen		mg/L	3.23
Total Phosphorus		mg/L	0.686
Total Suspended Solids (TSS)		mg/L	NS*
Phenolics		mg/L	0.00500 U
Un-ionized Ammonia	20	mg/L	0.0001000 U
Biological Oxygen Demand (BOD)		mg/l	NS*
Chemical Oxygen Demand (COD)		mg/L	20.3 I
Chlorophyll A		mg/m3	50.9
Total Kheldahl Nitrogen (TKN) (as N)		mg/l	3.14
Organics			
1,1,1,2-Tetrachloroethane		ug/l	0.500 U
1,1,1-Trichloroethane	270	ug/l	0.500 U
1,1,2,2-Tetrachloroethane	10.8	ug/l	0.100 U
1,1,2-Trichloroethane	16	ug/l	0.500 U
1,1-Dichloroethane		ug/l	0.500 U
1,1-Dichloroethene	3.2	ug/l	0.500 U
1,2-Dichloroethane	37	ug/l	0.500 U

Analyte	Location:		SW-2
	Sample Identifier:		SW-2
		Date of Test:	12/14/2011
	Standard(1)	Units	
1,2-Dichloropropane	14	ug/l	0.200 U
1,2,3-Trichloropropane	0.2	ug/l	0.200 U
1,2-Dibromoethane (EDB)	13	ug/l	0.100 U
1,2-Dibromo-3-chloropropane		ug/l	0.0200 U
2-Butanone (MEK)	120000	ug/l	0.500 U
2-Hexanone		ug/l	0.500 U
Acetone	1700	ug/l	5.00 U
Acrylonitrile	0.2	ug/l	0.300 U
Benzene	71.28	ug/l	0.500 U
Bromochloromethane		ug/l	0.100 U
Bromodichloromethane	49.7	ug/l	0.100 U
Bromoform		ug/l	0.500 U
Bromomethane	35	ug/l	0.500 U
Carbon disulfide	110	ug/l	1.00 U
Carbon tetrachloride	4.42	ug/l	0.500 U
Chlorobenzene	17	ug/l	0.500 U
Chloroethane		ug/l	0.500 U
Chloroform		ug/l	0.500 U
Chloromethane	470.8	ug/l	0.500 U
Dibromochloromethane		ug/l	0.400 U
Dibromomethane	1580	ug/l	0.500 U
Ethylbenzene	610	ug/l	0.500 U
Methyl iodide		ug/l	1.00 U
Methyl isobutyl ketone		ug/l	1.00 U
Methylene chloride		ug/l	1.00 U
Para-dichlorobenzene		ug/l	0.500 U
Styrene	460	ug/l	0.500 U
Tetrachloroethene	8.85	ug/l	0.500 U
Toluene	480	ug/l	0.740 I
Trichloroethene	80.7	ug/l	0.500 U
Trichlorofluoromethane		ug/l	0.500 U
Vinyl Acetate	700	ug/l	5.00 U
Vinyl chloride	2.4	ug/l	0.500 U
Xylenes	370	ug/l	1.00 U
cis-1,2-Dichloroethene	3.2	ug/l	0.200 U
cis-1,3-Dichloropropene	12	ug/l	0.500 U
o-Dichlorobenzene		ug/l	0.500 U
trans-1,2-Dichloroethene	11000	ug/l	0.500 U
trans-1,3,-Dichloropropene	12	ug/l	0.500 U
trans-1,4-Dichloro-2-butene		ug/l	1.00 U

Abbreviations: mg/l = milligrams per liter; ug/l = micrograms per liter; NTU = nepholometric turbidity units; mg/m^3 - milligrams per cubic meter. NS* = Not sampled for that parameter (see lab error report) Q = outside hold time

(1) Surface water standards presented in Chapter 62-302, FAC. Analyte concentrations shown with shading represent an exceedance of the regulatory level. Value of hardness (117) was used to determine calculated standards below.

(2) Cd less than or equal to e(0.7852(InH)-3.49)

(3) Cr less than or equal to e(0.819(InH)+0.6848)

(4) Cu less than or equal to e(0845(InH)-1.702)

(5) Pb less than or equal to e(1.273(InH)-4.705)

(6) Ni less than or equal to e(0.846(InH)+0.0584)

(7) Zn less than or equal to e(0.8473(InH)+0.884)

Table 4
Leachate Analytical Summary
Hardee County Landfill
Second Half 2011-

Analyte		Location:	Phase I Leachate
		Sample Identifier:	Manhole 9
		Date of Sample:	12/14/11
	Standard(1)	Units	
Field Measurements			
Temperature		deg. C	24.9
pH		STD	6.19
Conductivity		umhos/cm	1491
Dissolved Oxygen (DO)		mg/1	1.1
Inorganics			
Antimony		mg/L	0.00200 U
Arsenic	5	mg/L	0.00161 I
Barium	100	mg/L	0.0368
Beryllium		mg/L	0.000500 U
Cadmium	1	mg/L	0.00100 U
Chloride		mg/L	192
Chromium	5	mg/L	0.00773
Cobalt		mg/L	0.00333
Copper		mg/L	0.00100 U
Cyanide		mg/L	0.00500 U
Iron		mg/L	29.3
Lead	5	mg/L	0.00101 I
Mercury	0.2	mg/L	0.0000200 U
Nickel		mg/L	0.0172
Nitrate		mg/L	0.0404
Selenium	1	mg/L	0.0118
Silver	5	mg/L	0.000500 U
Sodium		mg/L	121
Sulfide		mg/L	0.800
Total Alkalinity (as CaCO3)		mg/l	463
Total Ammonia - N		mg/L	43.0
Thallium		mg/L	0.00100 U
Tin as SN		mg/L	0.00500 U
Total Dissolved Solids (TDS)		mg/L	840
Vanadium		mg/L	0.0118
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

Analyte		Location:	Phase I Leachate
		Sample Identifier:	Manhole 9
		Date of Sample:	12/14/11
	Standard(1)	Units	
Pentachlorophenol	100,000	ug/l	0.400 U
Toxaphene	500	ug/l	0.500 U
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	2.0 U
2,4-Dinitrophenol		ug/l	5.0 U
2,6-Dichlorophenol		ug/l	5.00 U
2-Nitrophenol		ug/l	2.0 U
4-Nitrophenol		ug/l	2.0 U
Phenol		ug/l	2.0 U
Base Neutrals			
1,2,4,5-Tetrachlorobenzene		ug/l	2.0 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	2.0 U
2-Acetylaminoflourene		ug/l	2.0 U
2-Chloronaphthalene		ug/l	2.0 U
2-Chlorophenol		ug/l	2.0 U
2-Methyl-4,6-dinitrophenol		ug/l	2.0 U
2-Methylnaphthalene		ug/l	2.0 U
2-Naphthylamine		ug/l	2.0 U
2-Nitroaniline		ug/l	2.0 U
3,3-Dichlorobenzidine		ug/l	2.0 U
3,3-Dimethylbenzidine		ug/l	2.0 U
3-Methylcholanthrene		ug/l	10.0 U
4-Aminobiphenyl		ug/l	2.0 U
4-Bromophenyl-phenylether		ug/l	2.0 U
4-Chlorophenylphenylether		ug/l	2.0 U
5-Nitro-o-toluidine		ug/l	2.0 U
7,12-Dimethylbenz(a)anthracene		ug/l	10.0 U
Acenaphthene		ug/l	2.0 U
Acenaphthylene		ug/l	2.0 U
Acetophenone		ug/l	10.0 U
Anthracene		ug/l	10.0 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	2.0 U
Benzo(k)flouranthene		ug/l	1.00 U
Benzyl alcohol		ug/l	5.0 U
Bis(2-chloroethoxy)methane		ug/l	2.0 U
Bis(2-chloroethyl)ether		ug/l	2.0 U
Bis(2-ethylhexyl)phthalate		ug/l	3.0 U
Butylbenzylphthalate		ug/l	3.0 U
Chlorobenzilate		ug/l	0.800 U
Chrysene		ug/l	2.0 U
Diallate		ug/l	2.0 U

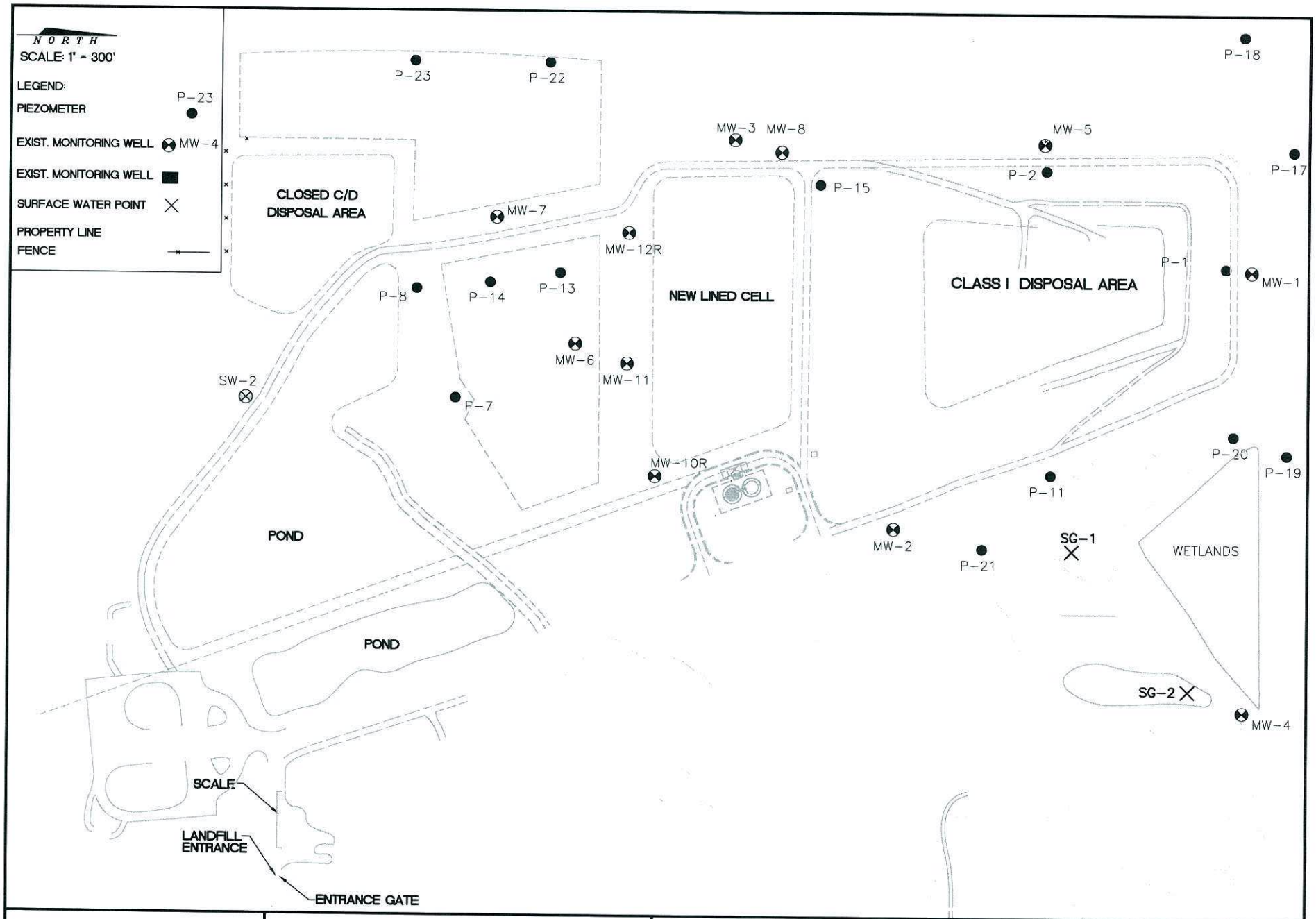
Analyte		Location:	Phase I Leachate
		Sample Identifier:	Manhole 9
		Date of Sample:	12/14/11
	Standard(1)	Units	
Dibenz(a,h)anthracene		ug/l	0.200 U
Dibenzofuran		ug/l	5.0 U
Diethylphthalate		ug/l	3.0 U
Dimethoate		ug/l	2.0 U
Dimethylphthalate		ug/l	3.0 U
Di-N-butylphthalate		ug/l	3.0 U
Di-N-octylphthalate		ug/l	3.0 U
Disulfoton		ug/l	0.300 U
Ethyl methanesulfonate		ug/l	20.0 U
Famphur		ug/l	2.0 U
Flouranthene		ug/l	2.0 U
Flourene		ug/l	2.0 U
Hexachlorobenzene	130	ug/l	1.00 U
Hexachlorobutadiene	500	ug/l	2.0 U
Hexachlorocyclopentadiene		ug/l	2.0 U
Hexachloroethane	3,000	ug/l	2.0 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	2.0 U
Isosafrole		ug/l	10.0 U
Kepone		ug/l	2.0 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	2.0 U
N-Nitrosodiethylamine		ug/l	3.0 U
N-Nitrosodimethylamine		ug/l	3.0 U
N-Nitroso di-n-butylamine		ug/l	2.0 U
N-Nitrosodi-n-propylamine		ug/l	2.0 U
N-Nitrosodiphenylamine		ug/l	3.0 U
N-Nitrosomethylmethylamine		ug/l	3.0 U
N-Nitrosopiperidine		ug/l	10.0 U
N-Nitrosopyrrolidine		ug/l	2.0 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	2.0 U
P-(Dimethlamino)azobenzene		ug/l	10.0 U
P-Chloro-m-creosol		ug/l	2.0 U
P-Chloroaniline		ug/l	10.0 U
P- Creosol		ug/l	2.0 U
P-Phenylenediamine		ug/l	10.0 U
P-nitroaniline		ug/l	2.0 U
Pentachlorobenzene		ug/l	0.300 U
Pentachloronitrobenzene		ug/l	0.300 U
Phenacetin		ug/l	20.0 U
Phenanathrene		ug/l	2.0 U
Pronamide		ug/l	10.0 U
Pyrene	5,000	ug/l	2.0 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:	12/14/11
	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	8.55 I
Acetonitrile		ug/l	1.00 U
Acrolein		ug/l	3.5 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	2.35
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	0.400 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	2.0 U
Para-dichlorobenzene		ug/l	0.100 U
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

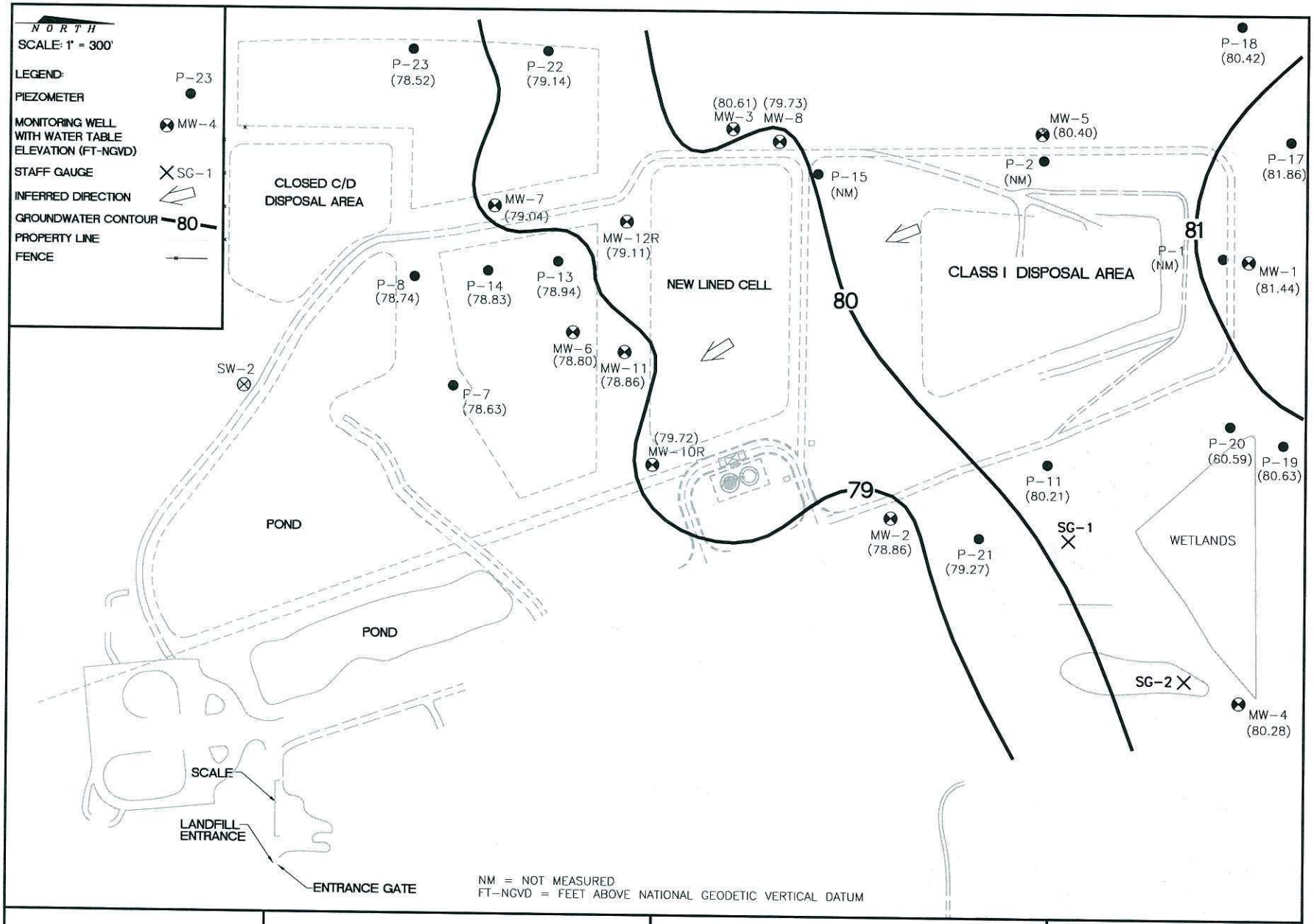
Abbreviations: U = below detection limits; mg/l = milligrams per liter; ug/l = micrograms per liter.

FIGURES



F:\COMMON\BRAD BAYNE\Hardee County Landfill\December 2011 figures\FIG-1_MONITORING POINTS.dwg Jan 11, 2012 - 10:55am

ATKINS	HARDEE COUNTY LANDFILL	MONITORING POINTS	FIGURE 1



ATKINS	HARDEE COUNTY LANDFILL	WATER TABLE ELEVATION CONTOUR MAP SECOND HALF 2011	FIGURE 2

F:\COMMON\BRAD BAYNE\Hardee County Landfill\December 2011 figures\FIG-2_WATER TABLE ELEVATION - CONTOUR MAP-FIRST HALF 2011.dwg Jan 11, 2012 - 9:15am

ATTACHMENT A

Ground Water Monitoring Report Form

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

Florida Department of Environmental Protection

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

GROUND WATER MONITORING REPORT

Rule 62-522.600(11)

PART I GENERAL INFORMATION

(1) Facility Name 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: 1/13/2012 Bradley J. Bayne

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: December 2011

Test Site ID #: _____ Report Period: Second Half 2011 (year/quarter)

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

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

Ground Water Elevation (NGVD): _____

or (MSL): _____

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

* Attach Laboratory Reports

ATTACHMENT B

Groundwater Sampling Logs and Field Equipment Calibration Logs

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Hardee County Landfill	SITE LOCATION: Landfill

WELL NO: MW-1	SAMPLE ID: MW-1	DATE: 12/15/11

PURGING DATA

WELL DIAMETER (inches): 4"	TUBING DIAMETER (inches): 1/4"	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 7.58	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (12.70 feet – 7.58 feet) X 0.65 gallons/foot = 3.32 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 10.5'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 10.5	PURGING INITIATED AT: 11:26	PURGING ENDED AT: 12:40	TOTAL VOLUME PURGED (gallons): 3.50

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	Sheen ~~XXXX~~ (describe)
11:56				7.58							
12:40	3.50	3.50	0.04	9.10	5.31	23.9	2.15	1.47	17.8	Tan	none

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Robert Carpenter FCL	SAMPLER(S) SIGNATURE(S): Robert Carpenter	SAMPLING INITIATED AT: 12:44	SAMPLING ENDED AT: 12:52
PUMP OR TUBING DEPTH IN WELL (feet): 10.5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y ~~N~~ Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y N New	TUBING Dedicated ~~New~~ (replaced)	DUPLICATE: Y ~~N~~	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-1			750 ml			5.31	See COC	PP	93 ml/min

REMARKS: Cannot stop drop. Recharge <100ml/min. Take one reading and pull samples

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

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

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

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

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

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Hardee County Landfill	SITE LOCATION: Landfill
WELL NO: MW-2	SAMPLE ID: MW-2 / DATE: 12/15/11

PURGING DATA

WELL DIAMETER (inches): 4"	TUBING DIAMETER (inches): 1/4"	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 7.08	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (13.10 feet – 7.08 feet) X 0.65 gallons/foot = 3.91 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 10'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 10'	PURGING INITIATED AT: 10:15	PURGING ENDED AT: 11:37	TOTAL VOLUME PURGED (gallons): 6.00

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	Sheen ~~XXXX~~ (describe)
10:15				7.08							
10:57	4.00	4.00	0.05	9.50	6.86	23.4	511	0.72	19.2	tan	none
11:17	1.00	5.00	0.05	9.50	6.88	23.6	513	0.80	17.1		
11:37	1.00	6.00	0.05	9.50	6.87	23.6	514	0.87	15.9		
										tan	nnone

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Robert Carpenter FCL	SAMPLER(S) SIGNATURE(S): Robert Carpenter	SAMPLING INITIATED AT: 11:36	SAMPLING ENDED AT: 11:43
PUMP OR TUBING DEPTH IN WELL (feet): 10'	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y ~~N~~ Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y N NEW	TUBING Y Dedicated ~~N~~	DUPLICATE: Y ~~N~~	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-2						6.87	See COC	PP	0.05

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; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

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

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Hardee County Landfill	SITE LOCATION: Landfill

WELL NO: MW-4	SAMPLE ID: MW-4	DATE: 12/15/11

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/4"	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 6.92	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (21.46 feet – 6.92 feet) X 0.16 gallons/foot = 2.32 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 11'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 11'	PURGING INITIATED AT: 09:15	PURGING ENDED AT: 09:49	TOTAL VOLUME PURGED (gallons): 3.82

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	Sheen ~~XXXX~~ (describe)
09:15				6.92							
09:37	2.50	2.50	0.11	7.90	6.37	22.2	579	0.18	8.33	Tanic	none
09:43	0.66	3.16	0.11	7.90	6.44	22.2	567	0.13	2.69		
09:49	0.66	3.82	0.11	7.90	6.43	22.2	555	0.12	2.11		
										Tanic	none

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Robert Carptner FCL	SAMPLER(S) SIGNATURE(S): Robert Carpenter	SAMPLING INITIATED AT: 09:50	SAMPLING ENDED AT: 09:53
PUMP OR TUBING DEPTH IN WELL (feet): 11'	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y ~~N~~ Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y N New	TUBING Dedicated (replaced)	DUPLICATE: Y ~~N~~	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-4						6.43	see coc	PP	0.11 gpm

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; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

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

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

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Hardee County Landfill	SITE LOCATION: Landfill
WELL NO: MW-5	SAMPLE ID: MW-5 / DATE: 12/15/11

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/4"	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 8.39	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (20.75 feet – 8.39 feet) X 0.16 gallons/foot = 1.97 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 11'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 11'	PURGING INITIATED AT: 13:10	PURGING ENDED AT: 13:26	TOTAL VOLUME PURGED (gallons): 3.20

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	Sheen ~~Odor~~ (describe)
13:10				8.39							
13:20	2.00	2.00	0.20	8.65	5.28	24.6	96.1	0.15	0.75	clear	none
13:23	0.60	2.60	0.20	8.65	5.33	24.6	96.8	0.10	0.92		
13:26	0.60	3.20	0.20	8.65	5.39	24.6	97.0	0.08	0.90	clear	none

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Robert Carpenter FCL	SAMPLER(S) SIGNATURE(S): Robert Carpenter	SAMPLING INITIATED AT: 13:27	SAMPLING ENDED AT: 13:29
PUMP OR TUBING DEPTH IN WELL (feet): 11'	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y N Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y N NEW	TUBING Dedicated (replaced)	DUPLICATE: Y N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-5						5.39	See COC	PP	0.20 gpm

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; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

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

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

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

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Hardee County Landfill	SITE LOCATION: Landfill
WELL NO: MW-8	SAMPLE ID: MW-8	DATE: 12/15/11

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 9.28	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (13.15 feet – 9.28 feet) X 0.16 gallons/foot = 0.62 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 11	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 11	PURGING INITIATED AT: 13:40	PURGING ENDED AT: 13:52	TOTAL VOLUME PURGED (gallons): 0.75

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	Sheen ~~XXXX~~ (describe)
13:40				9.28							
13:52	0.75	0.75	0.63	10.00	6.28	25.0	365	0.70	1.60	clear	none

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Robert Carpenter FCL	SAMPLER(S) SIGNATURE(S): Robert Carpenter	SAMPLING INITIATED AT: 13:55	SAMPLING ENDED AT: 14:03
PUMP OR TUBING DEPTH IN WELL (feet): 11	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y ~~N~~ Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y N New	TUBING Dedicated ~~replaced~~	DUPLICATE: Y ~~N~~	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-8			750			6.28	See COC	PP	93.75 mL/min

REMARKS:
slow pump down.Cannot stop drop. One reading and pull samples. WD after samples 10.55

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

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

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

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Hardee County Landfill		SITE LOCATION: Landfill
WELL NO: MW-10R	SAMPLE ID: MW-10R	DATE: 12/15/11

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/4"	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 9.55	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (23.08 feet – 8.75 feet) X 0.16 gallons/foot = 2.28 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 11	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 11	PURGING INITIATED AT: 15:45	PURGING ENDED AT: 16:07	TOTAL VOLUME PURGED (gallons): 3.94

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	Sheen ~~XXXX~~ (describe)
15:45				8.75							
15:59	2.50	2.50	0.18	9.55	6.10	24.6	273.6	0.18	2.59	clear	none
16:03	0.72	3.22	0.18	9.55	6.09	24.6	271.3	0.15	1.92		
16:07	0.72	3.94	0.18	9.55	6.09	24.6	270.5	0.14	1.90		
										clear	none

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Robert Carpenter FCL	SAMPLER(S) SIGNATURE(S): Robert Carpenter	SAMPLING INITIATED AT: 16:08	SAMPLING ENDED AT: 16:10
PUMP OR TUBING DEPTH IN WELL (feet): 11	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y ~~N~~ Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y N new	TUBING Dedicated (replaced)	DUPLICATE: Y ~~N~~	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
MW-10R						6.09	See COC	PP	0.18 gpm

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; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

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

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Hardee County Landfill	SITE LOCATION: Landfill

WELL NO: MW-11	SAMPLE ID: MW-11	DATE: 12/15/11

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 9.34	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (13.90 feet – 9.34 feet) X 0.16 gallons/foot = 0.73 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 11.55	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 11.55	PURGING INITIATED AT: 15:01	PURGING ENDED AT: 15:32	TOTAL VOLUME PURGED (gallons): 2.27

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	Sheen ~~ODOR~~ (describe)
15:01				9.34							
15:11	0.75	0.75	0.07	9.68	5.05	24.1	44.3	1.19	27.1	Cldly White	
15:16	0.35	1.10	0.07	9.68	5.17	24.3	44.5	0.46	42.9		
15:26	0.75	1.85	0.07	9.68	5.18	24.3	45.9	0.25	22.8		
15:29	0.21	2.06	0.07	9.68	5.16	24.3	46.3	0.24	21.2		
15:32	0.21	2.27	0.07	9.68	5.16	24.3	46.8	0.23	18.5	Clear	None

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Robert Carpenter FCL	SAMPLER(S) SIGNATURE(S): Robert Carpenter	SAMPLING INITIATED AT: 15:33	SAMPLING ENDED AT: 15:36
PUMP OR TUBING DEPTH IN WELL (feet): 11.55	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y ~~N~~ Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y N New	TUBING Dedicated ~~N~~ (replaced)	DUPLICATE: Y ~~N~~	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-11						5.16	See COC	PP	0.07 gpm

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; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

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

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

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

Revision Date: February 12, 2009

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Hardee County Landfill	SITE LOCATION: Landfill
WELL NO: MW-12R	SAMPLE ID: MW-12R	DATE: 12/15/11

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 9.86	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (23.04 feet – 9.86 feet) X 0.16 gallons/foot = 2.11 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 14	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 14	PURGING INITIATED AT: 14:21	PURGING ENDED AT: 14:51	TOTAL VOLUME PURGED (gallons): 3.25

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	Sheen ~~ODOR~~ (describe)
14:21				9.86							
14:41	2.25	2.25	0.11	10.90	6.20	24.2	218.8	0.75	10.10	Tanic	none
14:46	0.55	2.70	0.11	10.90	6.20	24.3	218.3	0.69	9.40		
14:51	0.55	3.25	0.11	10.90	6.21	24.3	218.0	0.65	9.22		
										Tanic	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
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PURGING EQUIPMENT CODES: **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **O** = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Robert Carpenter FCL	SAMPLER(S) SIGNATURE(S): Robert Carpenter	SAMPLING INITIATED AT: 14:52	SAMPLING ENDED AT: 14:54
PUMP OR TUBING DEPTH IN WELL (feet): 14	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y ~~N~~ Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y N New	TUBING Dedicated (or replaced)	DUPLICATE: Y ~~N~~	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-12R						6.21	See COC	PP	0.11 gpm

REMARKS:

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

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Revision Date: February 12, 2009

#165434 / 166444

FIELD DATA SHEET

FLOWERS CHEMICAL LABORATORIES INCORPORATED

Sampler(s) Robert Carpenter Date 12/15/11 Page of

Project Name Hardee County Landfill

Sample Type	WW	SW	GW X	DW	Reag.Wtr.	Sludge	Sediment	Soil	Other

Sample Site Indentification Landfill

Sampling Method	Grab ☐	Composite ☐	Monitoring Well ☒	Bailer ☐	Pump ☐

Sampling Equipment PP

Site & Weather Conditions Partly Cloudy

Field Instrument Beginning Calibration 08:55

											Slope
pH Meter	YES	X	NO		Buffer	4.0 =	4.01	7.0 =	7.01	10.0 =	10.01
Conductivity Meter	YES	X	NO		Buffer	99.4 =	98.6	998 =	1000		
Turbidity Meter	YES	X	NO		Buffer	1.0 =	1.0	10.0 =	10.0		
DO Meter	YES	X	NO	Sat.=99.8%@100'							

Field Filtered ☐ YES ☐ NO Duplicate ☐ YES ☐ NO Field Decontamination ☐ YES ☐ NO

Parameter	Sample Containers	pH Check
☐ Nutrient	Plastic - H_2SO_4	< 2
☐ Metals	Plastic - HNO_3	< 2
☐ Sulfide	Plastic - NaDH / Zn Acetate	> 12
☐ Cyanide	Plastic - NaDH / Zn (No sulfide)/Ascorbic Acid	> 12
☐ Bacteriological	Glass - Thiosulfate (DW NO Chlorine Res)	
☐ Oil & Grease	Glass - HCl	< 2
☐ TOC	Plastic - HCl	< 2
☐ VOA	Glass - HCl	< 2
☐ SVOC	Glass - HCl (DW NO Chlorine Res)	
☐ Phenols	Glass - H_2SO_4	< 2
☐ Other	Unpreserved	

Well Diameter	Multiplier
1.5 inches	0.092
2.0 inches	0.163
4.0 inches	0.653
6.0 inches	1.469

Cond

VWR 998us CC9929 exp 9/1/2012
vwr 99.4us CC9820 exp 7/18/2012
vwr 10.38 CC9804 exp 7/12/2012

TB

Amco 1.0 C144439 exp oct2012
Amco 10.0 C147379 exp oct 2012

pH

BHD pH 4 2011530 exp Nov 2012
BHD pH 7 2104413 exp April 2013
BHD pH 10 210621 exp Nov 2012

Field Instrument Ending Calibration 16:20

pH Meter	YES		NO		Buffer	4.0		7.0 =	7.01	10.0	
Conductivity Meter	YES		NO		Buffer			998 =	1000		
Turbidity Meter	YES		NO		Buffer			10.0 =	10.0		
DO Meter	YES		NO	Sat=99.8%@100'							

General Site Information / Comments

ATTACHMENT C

Groundwater, Surface Water, and Leachate Analytical Reports

FLOWERS CHEMICAL LABORATORIES INC.

P.O. Box 150597, Altamonte Springs FL 32715-0597 Phone: 407-339-5984 / Fax: 407-260-6110 E83018 (Main Lab)
571 NW Mercantile Pl. Suite 111, Port St. Lucie FL 34986 Phone: 772-343-8006 / Fax: 772-343-8089 E86562 (South Lab)
P.O. Box 1200, Madison FL 32341 Phone: 850-973-6878 / Fax: 850-973-6878 E82405 (North Lab)
3980 Overseas Hwy Suite 103, Marathon FL 33050 Phone: 305-743-8598 / Fax: 305-743-8598 E35834 (Keys Lab)

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 15, 2011
Jan 5, 2012; Invoice: 165434

Report Summary

Date Received: Dec 16, 2011

FCL Project Manager: June S. Flowers

Laboratory #	Sample Description	Analysis	Chemist	Location	SampleMatrix
165434GW1	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	
		SM2540 C	PLB	Main Lab	
		SM4500-Cl E	VLB	Main Lab	
165434GW2	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	
		SM2540 C	PLB	Main Lab	
		SM4500-Cl E	VLB	Main Lab	
165434GW3	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	
		SM2540 C	PLB	Main Lab	
		SM4500-Cl E	VLB	Main Lab	
165434GW4	MW-5/300	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	
		SM2540 C	PLB	Main Lab	
		SM4500-Cl E	VLB	Main Lab	
165434GW5	MW-8/19255	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	

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P.O. Box 1200, Madison FL 32341 Phone: 850-973-6878 / Fax: 850-973-6878 E82405 (North Lab)
3980 Overseas Hwy Suite 103, Marathon FL 33050 Phone: 305-743-8598 / Fax: 305-743-8598 E35834 (Keys Lab)

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 15, 2011
Jan 5, 2012; Invoice: 165434

		EPA8260	CLS	Main Lab	
		SM2540 C	PLB	Main Lab	
		SM4500-Cl E	VLB	Main Lab	
165434GW6	MW-12R/22931	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	
		SM2540 C	PLB	Main Lab	
		SM4500-Cl E	VLB	Main Lab	
165434GW7	MW-11/21882	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	
		SM2540 C	PLB	Main Lab	
		SM4500-Cl E	VLB	Main Lab	
165434GW8	MW-10R/22930	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	
		SM2540 C	PLB	Main Lab	
		SM4500-Cl E	VLB	Main Lab	
165434GW9	Trip blank	EPA8260	CLS	Main Lab	Ground Water

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.

NELAP ACCREDITED TNI LABORATORY

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

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3980 Overseas Hwy Suite 103, Marathon FL 33050 Phone: 305-743-8598 / Fax: 305-743-8598 E35834 (Keys Lab)

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 15, 2011
Jan 5, 2012; Invoice: 165434

Analysis Report

Lab #: 165434GW1 **Sampled:** 12/15/11 09:50 AM **Desc:** MW-4/299

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Nitrate(as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10187588	EPA353.2	14797-55-8	12/16/11	12:01 PM
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	630-20-6	12/16/11	
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	71-55-6	12/16/11	
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10187650	EPA8260	79-34-5	12/16/11	
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	79-00-5	12/16/11	
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	75-34-3	12/16/11	
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	75-35-4	12/16/11	
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	107-06-2	12/16/11	
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10187650	EPA8260	78-87-5	12/16/11	
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	78-93-3	12/16/11	
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	591-78-6	12/16/11	
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10187650	EPA8260	67-64-1	12/16/11	
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10187650	EPA8260	107-13-1	12/16/11	
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	71-43-2	12/16/11	
Bromochloromethane	0.100 U	ug/L	1.00	0.100	1.00	10187650	EPA8260	074-97-5	12/16/11	
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10187650	EPA8260	75-27-4	12/16/11	
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	75-25-2	12/16/11	
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	74-83-9	12/16/11	
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10187650	EPA8260	75-15-0	12/16/11	
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	56-23-5	12/16/11	
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	108-90-7	12/16/11	
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	75-00-3	12/16/11	
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	67-66-3	12/16/11	
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	74-87-3	12/16/11	
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10187650	EPA8260	124-48-1	12/16/11	
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	074-95-3	12/16/11	
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	100-41-4	12/16/11	

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 15, 2011
Jan 5, 2012; Invoice: 165434

Lab #: 165434GW1 **Sampled:** 12/15/11 09:50 AM **Desc:** MW-4/299

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10187650	EPA8260	074-88-4	12/16/11
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10187650	EPA8260	108-10-1	12/16/11
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10187650	EPA8260	75-09-2	12/16/11
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	106-46-7	12/16/11
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	100-42-5	12/16/11
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	127-18-4	12/16/11
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	108-88-3	12/16/11
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	79-01-6	12/16/11
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	75-69-4	12/16/11
Vinyl Acetate	5.00 U	ug/L	1.00	5.00	10.0	10187650	EPA8260	108-05-4	12/16/11
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	75-01-4	12/16/11
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10187650	EPA8260	1330-20-7	12/16/11
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10187650	EPA8260	156-59-2	12/16/11
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	10061-01-5	12/16/11
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	95-50-1	12/16/11
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	156-60-5	12/16/11
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	10061-02-6	12/16/11
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10187650	EPA8260	110-57-6	12/16/11
Surr:1,2-Dichloroethane-d4 (77-129%)	100.50%		1.00	0.0100	0.0100	10187650	EPA8260		12/16/11
Surr:Bromofluorobenzene (82-122%)	100.97%		1.00	1.00	1.00	10187650	EPA8260	460-00-4	12/16/11
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10187819	EPA6020	7440-36-0	12/19/11
Arsenic	0.0111	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-38-2	12/19/11
Barium	0.0225	mg/L	1.00	0.00200	0.00400	10187819	EPA6020	7440-39-3	12/19/11
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10187819	EPA6020	7440-41-7	12/19/11
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-43-9	12/19/11
Chromium	0.00472	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-47-3	12/19/11
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-48-4	12/19/11
Copper	0.00130 I	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-50-8	12/19/11
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7439-92-1	12/19/11

FLOWERS CHEMICAL LABORATORIES INC.

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3980 Overseas Hwy Suite 103, Marathon FL 33050 Phone: 305-743-8598 / Fax: 305-743-8598 E35834 (Keys Lab)

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 15, 2011
Jan 5, 2012; Invoice: 165434

Lab #: 165434GW1 **Sampled:** 12/15/11 09:50 AM **Desc:** MW-4/299

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Nickel	0.00569	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-02-0	12/19/11
Selenium	0.00287 I	mg/L	1.00	0.00200	0.00400	10187819	EPA6020	7782-49-2	12/19/11
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10187819	EPA6020	7440-22-4	12/19/11
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-28-0	12/19/11
Vanadium	0.0150	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-62-2	12/19/11
Zinc	0.0100 U	mg/L	1.00	0.0100	0.0200	10187819	EPA6020	7440-66-6	12/19/11
Iron	10.7	mg/L	1.00	0.0100	0.0200	10187906	EPA6010	7439-89-6	12/20/11
Sodium	11.4	mg/L	1.00	0.500	1.00	10187906	EPA6010	7440-23-5	12/20/11
TDS	436	mg/L	1.00	2.50	5.00	10188015	SM2540 C	10-33-3	12/21/11
Chloride	22.1	mg/L	1.00	4.00	8.00	10188181	SM4500-Cl E	16887-00-6	12/23/11
Ammonia (as N)	0.333	mg/L	1.00	0.0100	0.0200	10188289	EPA350.1	7664-41-7	12/27/11
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10188572	EPA8011	096-18-4	12/22/11
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10188572	EPA8011	106-93-4	12/22/11
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10188572	EPA8011	96-12-8	12/22/11
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10188777	EPA7470	7439-97-6	01/05/12

Lab #: 165434GW2 **Sampled:** 12/15/11 11:36 AM **Desc:** MW-2/297

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Nitrate(as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10187588	EPA353.2	14797-55-8	12/16/11	12:02 PM
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	630-20-6	12/16/11	
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	71-55-6	12/16/11	
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10187650	EPA8260	79-34-5	12/16/11	
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	79-00-5	12/16/11	
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	75-34-3	12/16/11	
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	75-35-4	12/16/11	
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	107-06-2	12/16/11	
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10187650	EPA8260	78-87-5	12/16/11	
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	78-93-3	12/16/11	
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	591-78-6	12/16/11	

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 15, 2011
Jan 5, 2012; Invoice: 165434

Lab #: 165434GW2 **Sampled:** 12/15/11 11:36 AM **Desc:** MW-2/297

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10187650	EPA8260	67-64-1	12/16/11
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10187650	EPA8260	107-13-1	12/16/11
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	71-43-2	12/16/11
Bromochloromethane	0.100 U	ug/L	1.00	0.100	1.00	10187650	EPA8260	074-97-5	12/16/11
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10187650	EPA8260	75-27-4	12/16/11
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	75-25-2	12/16/11
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	74-83-9	12/16/11
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10187650	EPA8260	75-15-0	12/16/11
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	56-23-5	12/16/11
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	108-90-7	12/16/11
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	75-00-3	12/16/11
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	67-66-3	12/16/11
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	74-87-3	12/16/11
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10187650	EPA8260	124-48-1	12/16/11
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	074-95-3	12/16/11
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	100-41-4	12/16/11
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10187650	EPA8260	074-88-4	12/16/11
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10187650	EPA8260	108-10-1	12/16/11
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10187650	EPA8260	75-09-2	12/16/11
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	106-46-7	12/16/11
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	100-42-5	12/16/11
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	127-18-4	12/16/11
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	108-88-3	12/16/11
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	79-01-6	12/16/11
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	75-69-4	12/16/11
Vinyl Acetate	5.00 U	ug/L	1.00	5.00	10.0	10187650	EPA8260	108-05-4	12/16/11
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	75-01-4	12/16/11
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10187650	EPA8260	1330-20-7	12/16/11
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10187650	EPA8260	156-59-2	12/16/11

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PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 15, 2011
Jan 5, 2012; Invoice: 165434

Lab #: 165434GW2 **Sampled:** 12/15/11 11:36 AM **Desc:** MW-2/297

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	10061-01-5	12/16/11
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	95-50-1	12/16/11
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	156-60-5	12/16/11
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	10061-02-6	12/16/11
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10187650	EPA8260	110-57-6	12/16/11
Surr:1,2-Dichloroethane-d4 (77-129%)	99.20%		1.00	0.0100	0.0100	10187650	EPA8260		12/16/11
Surr:Bromofluorobenzene (82-122%)	96.90%		1.00	1.00	1.00	10187650	EPA8260	460-00-4	12/16/11
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10187819	EPA6020	7440-36-0	12/19/11
Arsenic	0.00168 I	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-38-2	12/19/11
Barium	0.0271	mg/L	1.00	0.00200	0.00400	10187819	EPA6020	7440-39-3	12/19/11
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10187819	EPA6020	7440-41-7	12/19/11
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-43-9	12/19/11
Chromium	0.00143 I	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-47-3	12/19/11
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-48-4	12/19/11
Copper	0.00100 U	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-50-8	12/19/11
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7439-92-1	12/19/11
Nickel	0.00390	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-02-0	12/19/11
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10187819	EPA6020	7782-49-2	12/19/11
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10187819	EPA6020	7440-22-4	12/19/11
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-28-0	12/19/11
Vanadium	0.00649	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-62-2	12/19/11
Zinc	0.0100 U	mg/L	1.00	0.0100	0.0200	10187819	EPA6020	7440-66-6	12/19/11
Iron	2.62	mg/L	1.00	0.0100	0.0200	10187906	EPA6010	7439-89-6	12/20/11
Sodium	14.8	mg/L	1.00	0.500	1.00	10187906	EPA6010	7440-23-5	12/20/11
TDS	300	mg/L	1.00	2.50	5.00	10188015	SM2540 C	10-33-3	12/21/11
Chloride	29.1	mg/L	1.00	4.00	8.00	10188182	SM4500-Cl E	16887-00-6	12/23/11
Ammonia (as N)	1.22	mg/L	1.00	0.0100	0.0200	10188289	EPA350.1	7664-41-7	12/27/11
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10188572	EPA8011	096-18-4	12/22/11
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10188572	EPA8011	106-93-4	12/22/11

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PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 15, 2011
Jan 5, 2012; Invoice: 165434

Lab #: 165434GW2 **Sampled:** 12/15/11 11:36 AM **Desc:** MW-2/297

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10188572	EPA8011	96-12-8	12/22/11
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10188777	EPA7470	7439-97-6	01/05/12

Lab #: 165434GW3 **Sampled:** 12/15/11 10:44 AM **Desc:** MW-1/296

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Nitrate(as N)	0.0566	mg/L	1.00	0.0100	0.0200	10187588	EPA353.2	14797-55-8	12/16/11 12:03 PM
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	630-20-6	12/16/11
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	71-55-6	12/16/11
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10187650	EPA8260	79-34-5	12/16/11
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	79-00-5	12/16/11
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	75-34-3	12/16/11
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	75-35-4	12/16/11
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	107-06-2	12/16/11
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10187650	EPA8260	78-87-5	12/16/11
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	78-93-3	12/16/11
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	591-78-6	12/16/11
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10187650	EPA8260	67-64-1	12/16/11
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10187650	EPA8260	107-13-1	12/16/11
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	71-43-2	12/16/11
Bromochloromethane	0.100 U	ug/L	1.00	0.100	1.00	10187650	EPA8260	074-97-5	12/16/11
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10187650	EPA8260	75-27-4	12/16/11
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	75-25-2	12/16/11
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	74-83-9	12/16/11
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10187650	EPA8260	75-15-0	12/16/11
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	56-23-5	12/16/11
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	108-90-7	12/16/11
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	75-00-3	12/16/11
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	67-66-3	12/16/11
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	74-87-3	12/16/11

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3980 Overseas Hwy Suite 103, Marathon FL 33050 Phone: 305-743-8598 / Fax: 305-743-8598 E35834 (Keys Lab)

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 15, 2011
Jan 5, 2012; Invoice: 165434

Lab #: 165434GW3 **Sampled:** 12/15/11 10:44 AM **Desc:** MW-1/296

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10187650	EPA8260	124-48-1	12/16/11
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	074-95-3	12/16/11
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	100-41-4	12/16/11
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10187650	EPA8260	074-88-4	12/16/11
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10187650	EPA8260	108-10-1	12/16/11
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10187650	EPA8260	75-09-2	12/16/11
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	106-46-7	12/16/11
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	100-42-5	12/16/11
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	127-18-4	12/16/11
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	108-88-3	12/16/11
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	79-01-6	12/16/11
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	75-69-4	12/16/11
Vinyl Acetate	5.00 U	ug/L	1.00	5.00	10.0	10187650	EPA8260	108-05-4	12/16/11
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	75-01-4	12/16/11
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10187650	EPA8260	1330-20-7	12/16/11
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10187650	EPA8260	156-59-2	12/16/11
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	10061-01-5	12/16/11
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	95-50-1	12/16/11
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	156-60-5	12/16/11
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	10061-02-6	12/16/11
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10187650	EPA8260	110-57-6	12/16/11
Surr:1,2-Dichloroethane-d4 (77-129%)	102.07%		1.00	0.0100	0.0100	10187650	EPA8260		12/16/11
Surr:Bromofluorobenzene (82-122%)	99.63%		1.00	1.00	1.00	10187650	EPA8260	460-00-4	12/16/11
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10187819	EPA6020	7440-36-0	12/19/11
Arsenic	0.00969	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-38-2	12/19/11
Barium	0.0174	mg/L	1.00	0.00200	0.00400	10187819	EPA6020	7440-39-3	12/19/11
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10187819	EPA6020	7440-41-7	12/19/11
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-43-9	12/19/11
Chromium	0.00794	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-47-3	12/19/11

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Atkins
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Tampa,FL 33607

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 15, 2011
Jan 5, 2012; Invoice: 165434

Lab #: 165434GW3 **Sampled:** 12/15/11 10:44 AM **Desc:** MW-1/296

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Cobalt	0.00130 I	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-48-4	12/19/11
Copper	0.00100 U	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-50-8	12/19/11
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7439-92-1	12/19/11
Nickel	0.00721	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-02-0	12/19/11
Selenium	0.00262 I	mg/L	1.00	0.00200	0.00400	10187819	EPA6020	7782-49-2	12/19/11
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10187819	EPA6020	7440-22-4	12/19/11
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-28-0	12/19/11
Vanadium	0.0386	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-62-2	12/19/11
Zinc	0.0100 U	mg/L	1.00	0.0100	0.0200	10187819	EPA6020	7440-66-6	12/19/11
Iron	9.98	mg/L	1.00	0.0100	0.0200	10187906	EPA6010	7439-89-6	12/20/11
Sodium	13.7	mg/L	1.00	0.500	1.00	10187906	EPA6010	7440-23-5	12/20/11
TDS	248	mg/L	1.00	2.50	5.00	10188015	SM2540 C	10-33-3	12/21/11
Chloride	25.4	mg/L	1.00	4.00	8.00	10188181	SM4500-Cl E	16887-00-6	12/23/11
Ammonia (as N)	0.176	mg/L	1.00	0.0100	0.0200	10188289	EPA350.1	7664-41-7	12/27/11
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10188572	EPA8011	096-18-4	12/22/11
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10188572	EPA8011	106-93-4	12/22/11
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10188572	EPA8011	96-12-8	12/22/11
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10188777	EPA7470	7439-97-6	01/05/12

Lab #: 165434GW4 **Sampled:** 12/15/11 01:27 PM **Desc:** MW-5/300

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Nitrate(as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10187588	EPA353.2	14797-55-8	12/16/11 12:04 PM
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	630-20-6	12/16/11
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	71-55-6	12/16/11
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10187650	EPA8260	79-34-5	12/16/11
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	79-00-5	12/16/11
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	75-34-3	12/16/11
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	75-35-4	12/16/11
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	107-06-2	12/16/11

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PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 15, 2011
Jan 5, 2012; Invoice: 165434

Lab #: 165434GW4 **Sampled:** 12/15/11 01:27 PM **Desc:** MW-5/300

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10187650	EPA8260	78-87-5	12/16/11
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	78-93-3	12/16/11
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	591-78-6	12/16/11
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10187650	EPA8260	67-64-1	12/16/11
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10187650	EPA8260	107-13-1	12/16/11
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	71-43-2	12/16/11
Bromochloromethane	0.100 U	ug/L	1.00	0.100	1.00	10187650	EPA8260	074-97-5	12/16/11
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10187650	EPA8260	75-27-4	12/16/11
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	75-25-2	12/16/11
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	74-83-9	12/16/11
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10187650	EPA8260	75-15-0	12/16/11
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	56-23-5	12/16/11
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	108-90-7	12/16/11
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	75-00-3	12/16/11
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	67-66-3	12/16/11
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	74-87-3	12/16/11
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10187650	EPA8260	124-48-1	12/16/11
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	074-95-3	12/16/11
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	100-41-4	12/16/11
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10187650	EPA8260	074-88-4	12/16/11
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10187650	EPA8260	108-10-1	12/16/11
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10187650	EPA8260	75-09-2	12/16/11
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	106-46-7	12/16/11
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	100-42-5	12/16/11
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	127-18-4	12/16/11
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	108-88-3	12/16/11
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	79-01-6	12/16/11
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	75-69-4	12/16/11
Vinyl Acetate	5.00 U	ug/L	1.00	5.00	10.0	10187650	EPA8260	108-05-4	12/16/11

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PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 15, 2011
Jan 5, 2012; Invoice: 165434

Lab #: 165434GW4 **Sampled:** 12/15/11 01:27 PM **Desc:** MW-5/300

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	75-01-4	12/16/11
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10187650	EPA8260	1330-20-7	12/16/11
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10187650	EPA8260	156-59-2	12/16/11
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	10061-01-5	12/16/11
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	95-50-1	12/16/11
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	156-60-5	12/16/11
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	10061-02-6	12/16/11
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10187650	EPA8260	110-57-6	12/16/11
Surr:1,2-Dichloroethane-d4 (77-129%)	103.93%		1.00	0.0100	0.0100	10187650	EPA8260		12/16/11
Surr:Bromofluorobenzene (82-122%)	101.80%		1.00	1.00	1.00	10187650	EPA8260	460-00-4	12/16/11
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10187819	EPA6020	7440-36-0	12/19/11
Arsenic	0.00100 U	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-38-2	12/19/11
Barium	0.00446	mg/L	1.00	0.00200	0.00400	10187819	EPA6020	7440-39-3	12/19/11
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10187819	EPA6020	7440-41-7	12/19/11
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-43-9	12/19/11
Chromium	0.00264	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-47-3	12/19/11
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-48-4	12/19/11
Copper	0.00100 U	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-50-8	12/19/11
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7439-92-1	12/19/11
Nickel	0.00100 U	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-02-0	12/19/11
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10187819	EPA6020	7782-49-2	12/19/11
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10187819	EPA6020	7440-22-4	12/19/11
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-28-0	12/19/11
Vanadium	0.00100 U	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-62-2	12/19/11
Zinc	0.0100 U	mg/L	1.00	0.0100	0.0200	10187819	EPA6020	7440-66-6	12/19/11
Iron	5.15	mg/L	1.00	0.0100	0.0200	10187906	EPA6010	7439-89-6	12/20/11
Sodium	4.03	mg/L	1.00	0.500	1.00	10187906	EPA6010	7440-23-5	12/20/11
TDS	70.0	mg/L	1.00	2.50	5.00	10188015	SM2540 C	10-33-3	12/21/11
Chloride	11.4	mg/L	1.00	4.00	8.00	10188182	SM4500-Cl E	16887-00-6	12/23/11

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PO #: 40612
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Lab #: 165434GW4 **Sampled:** 12/15/11 01:27 PM **Desc:** MW-5/300

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Ammonia (as N)	0.210	mg/L	1.00	0.0100	0.0200	10188289	EPA350.1	7664-41-7	12/27/11
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10188572	EPA8011	096-18-4	12/22/11
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10188572	EPA8011	106-93-4	12/22/11
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10188572	EPA8011	96-12-8	12/22/11
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10188777	EPA7470	7439-97-6	01/05/12

Lab #: 165434GW5 **Sampled:** 12/15/11 01:55 PM **Desc:** MW-8/19255

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Nitrate(as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10187588	EPA353.2	14797-55-8	12/16/11 12:05 PM
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	630-20-6	12/16/11
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	71-55-6	12/16/11
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10187650	EPA8260	79-34-5	12/16/11
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	79-00-5	12/16/11
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	75-34-3	12/16/11
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	75-35-4	12/16/11
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	107-06-2	12/16/11
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10187650	EPA8260	78-87-5	12/16/11
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	78-93-3	12/16/11
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	591-78-6	12/16/11
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10187650	EPA8260	67-64-1	12/16/11
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10187650	EPA8260	107-13-1	12/16/11
Benzene	0.660 I	ug/L	1.00	0.500	1.00	10187650	EPA8260	71-43-2	12/16/11
Bromochloromethane	0.100 U	ug/L	1.00	0.100	1.00	10187650	EPA8260	074-97-5	12/16/11
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10187650	EPA8260	75-27-4	12/16/11
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	75-25-2	12/16/11
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	74-83-9	12/16/11
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10187650	EPA8260	75-15-0	12/16/11
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	56-23-5	12/16/11
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	108-90-7	12/16/11

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3980 Overseas Hwy Suite 103, Marathon FL 33050 Phone: 305-743-8598 / Fax: 305-743-8598 E35834 (Keys Lab)

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 15, 2011
Jan 5, 2012; Invoice: 165434

Lab #: 165434GW5 **Sampled:** 12/15/11 01:55 PM **Desc:** MW-8/19255

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	75-00-3	12/16/11
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	67-66-3	12/16/11
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	74-87-3	12/16/11
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10187650	EPA8260	124-48-1	12/16/11
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	074-95-3	12/16/11
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	100-41-4	12/16/11
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10187650	EPA8260	074-88-4	12/16/11
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10187650	EPA8260	108-10-1	12/16/11
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10187650	EPA8260	75-09-2	12/16/11
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	106-46-7	12/16/11
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	100-42-5	12/16/11
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	127-18-4	12/16/11
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	108-88-3	12/16/11
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	79-01-6	12/16/11
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	75-69-4	12/16/11
Vinyl Acetate	5.00 U	ug/L	1.00	5.00	10.0	10187650	EPA8260	108-05-4	12/16/11
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	75-01-4	12/16/11
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10187650	EPA8260	1330-20-7	12/16/11
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10187650	EPA8260	156-59-2	12/16/11
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	10061-01-5	12/16/11
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	95-50-1	12/16/11
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	156-60-5	12/16/11
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	10061-02-6	12/16/11
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10187650	EPA8260	110-57-6	12/16/11
Surr:1,2-Dichloroethane-d4 (77-129%)	101.00%		1.00	0.0100	0.0100	10187650	EPA8260		12/16/11
Surr:Bromofluorobenzene (82-122%)	100.63%		1.00	1.00	1.00	10187650	EPA8260	460-00-4	12/16/11
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10187819	EPA6020	7440-36-0	12/19/11
Arsenic	0.00100 U	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-38-2	12/19/11
Barium	0.00450	mg/L	1.00	0.00200	0.00400	10187819	EPA6020	7440-39-3	12/19/11

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 15, 2011
Jan 5, 2012; Invoice: 165434

Lab #: 165434GW5 **Sampled:** 12/15/11 01:55 PM **Desc:** MW-8/19255

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10187819	EPA6020	7440-41-7	12/19/11
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-43-9	12/19/11
Chromium	0.00232	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-47-3	12/19/11
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-48-4	12/19/11
Copper	0.00100 U	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-50-8	12/19/11
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7439-92-1	12/19/11
Nickel	0.00371	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-02-0	12/19/11
Selenium	0.00394 I	mg/L	1.00	0.00200	0.00400	10187819	EPA6020	7782-49-2	12/19/11
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10187819	EPA6020	7440-22-4	12/19/11
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-28-0	12/19/11
Vanadium	0.00100 U	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-62-2	12/19/11
Zinc	0.0100 U	mg/L	1.00	0.0100	0.0200	10187819	EPA6020	7440-66-6	12/19/11
Iron	1.21	mg/L	1.00	0.0100	0.0200	10187906	EPA6010	7439-89-6	12/20/11
Sodium	7.95	mg/L	1.00	0.500	1.00	10187906	EPA6010	7440-23-5	12/20/11
TDS	218	mg/L	1.00	2.50	5.00	10188015	SM2540 C	10-33-3	12/21/11
Chloride	10.5	mg/L	1.00	4.00	8.00	10188207	SM4500-Cl E	16887-00-6	12/23/11
Ammonia (as N)	0.238	mg/L	1.00	0.0100	0.0200	10188289	EPA350.1	7664-41-7	12/27/11
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10188572	EPA8011	096-18-4	12/22/11
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10188572	EPA8011	106-93-4	12/22/11
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10188572	EPA8011	96-12-8	12/22/11
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10188777	EPA7470	7439-97-6	01/05/12

Lab #: 165434GW6 **Sampled:** 12/15/11 02:52 PM **Desc:** MW-12R/22931

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Nitrate(as N)	0.0354	mg/L	1.00	0.0100	0.0200	10187588	EPA353.2	14797-55-8	12/16/11 12:06 PM
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	630-20-6	12/16/11
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	71-55-6	12/16/11
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10187650	EPA8260	79-34-5	12/16/11
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	79-00-5	12/16/11

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PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 15, 2011
Jan 5, 2012; Invoice: 165434

Lab #: 165434GW6 **Sampled:** 12/15/11 02:52 PM **Desc:** MW-12R/22931

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	75-34-3	12/16/11
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	75-35-4	12/16/11
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	107-06-2	12/16/11
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10187650	EPA8260	78-87-5	12/16/11
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	78-93-3	12/16/11
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	591-78-6	12/16/11
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10187650	EPA8260	67-64-1	12/16/11
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10187650	EPA8260	107-13-1	12/16/11
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	71-43-2	12/16/11
Bromochloromethane	0.100 U	ug/L	1.00	0.100	1.00	10187650	EPA8260	074-97-5	12/16/11
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10187650	EPA8260	75-27-4	12/16/11
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	75-25-2	12/16/11
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	74-83-9	12/16/11
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10187650	EPA8260	75-15-0	12/16/11
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	56-23-5	12/16/11
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	108-90-7	12/16/11
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	75-00-3	12/16/11
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	67-66-3	12/16/11
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	74-87-3	12/16/11
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10187650	EPA8260	124-48-1	12/16/11
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	074-95-3	12/16/11
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	100-41-4	12/16/11
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10187650	EPA8260	074-88-4	12/16/11
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10187650	EPA8260	108-10-1	12/16/11
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10187650	EPA8260	75-09-2	12/16/11
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	106-46-7	12/16/11
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	100-42-5	12/16/11
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	127-18-4	12/16/11
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	108-88-3	12/16/11

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PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 15, 2011
Jan 5, 2012; Invoice: 165434

Lab #: 165434GW6 **Sampled:** 12/15/11 02:52 PM **Desc:** MW-12R/22931

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	79-01-6	12/16/11
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	75-69-4	12/16/11
Vinyl Acetate	5.00 U	ug/L	1.00	5.00	10.0	10187650	EPA8260	108-05-4	12/16/11
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	75-01-4	12/16/11
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10187650	EPA8260	1330-20-7	12/16/11
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10187650	EPA8260	156-59-2	12/16/11
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	10061-01-5	12/16/11
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	95-50-1	12/16/11
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	156-60-5	12/16/11
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	10061-02-6	12/16/11
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10187650	EPA8260	110-57-6	12/16/11
Surr:1,2-Dichloroethane-d4 (77-129%)	107.27%		1.00	0.0100	0.0100	10187650	EPA8260		12/16/11
Surr:Bromofluorobenzene (82-122%)	101.43%		1.00	1.00	1.00	10187650	EPA8260	460-00-4	12/16/11
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10187819	EPA6020	7440-36-0	12/19/11
Arsenic	0.00230	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-38-2	12/19/11
Barium	0.0112	mg/L	1.00	0.00200	0.00400	10187819	EPA6020	7440-39-3	12/19/11
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10187819	EPA6020	7440-41-7	12/19/11
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-43-9	12/19/11
Chromium	0.00300	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-47-3	12/19/11
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-48-4	12/19/11
Copper	0.00152 I	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-50-8	12/19/11
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7439-92-1	12/19/11
Nickel	0.00229	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-02-0	12/19/11
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10187819	EPA6020	7782-49-2	12/19/11
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10187819	EPA6020	7440-22-4	12/19/11
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-28-0	12/19/11
Vanadium	0.00570	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-62-2	12/19/11
Zinc	0.0517	mg/L	1.00	0.0100	0.0200	10187819	EPA6020	7440-66-6	12/19/11
Iron	0.111	mg/L	1.00	0.0100	0.0200	10187906	EPA6010	7439-89-6	12/20/11

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3980 Overseas Hwy Suite 103, Marathon FL 33050 Phone: 305-743-8598 / Fax: 305-743-8598 E35834 (Keys Lab)

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 15, 2011
Jan 5, 2012; Invoice: 165434

Lab #: 165434GW6 **Sampled:** 12/15/11 02:52 PM **Desc:** MW-12R/22931

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Sodium	3.54	mg/L	1.00	0.500	1.00	10187906	EPA6010	7440-23-5	12/20/11
TDS	160	mg/L	1.00	2.50	5.00	10188015	SM2540 C	10-33-3	12/21/11
Chloride	5.58 I	mg/L	1.00	4.00	8.00	10188206	SM4500-Cl E	16887-00-6	12/23/11
Ammonia (as N)	0.104	mg/L	1.00	0.0100	0.0200	10188289	EPA350.1	7664-41-7	12/27/11
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10188572	EPA8011	096-18-4	12/22/11
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10188572	EPA8011	106-93-4	12/22/11
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10188572	EPA8011	96-12-8	12/22/11
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10188777	EPA7470	7439-97-6	01/05/12

Lab #: 165434GW7 **Sampled:** 12/15/11 03:33 PM **Desc:** MW-11/21882

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Nitrate(as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10187589	EPA353.2	14797-55-8	12/16/11 12:10 PM
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	630-20-6	12/16/11
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	71-55-6	12/16/11
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10187650	EPA8260	79-34-5	12/16/11
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	79-00-5	12/16/11
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	75-34-3	12/16/11
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	75-35-4	12/16/11
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	107-06-2	12/16/11
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10187650	EPA8260	78-87-5	12/16/11
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	78-93-3	12/16/11
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	591-78-6	12/16/11
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10187650	EPA8260	67-64-1	12/16/11
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10187650	EPA8260	107-13-1	12/16/11
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	71-43-2	12/16/11
Bromochloromethane	0.100 U	ug/L	1.00	0.100	1.00	10187650	EPA8260	074-97-5	12/16/11
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10187650	EPA8260	75-27-4	12/16/11
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	75-25-2	12/16/11
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	74-83-9	12/16/11

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Tampa,FL 33607

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 15, 2011
Jan 5, 2012; Invoice: 165434

Lab #: 165434GW7 **Sampled:** 12/15/11 03:33 PM **Desc:** MW-11/21882

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10187650	EPA8260	75-15-0	12/16/11
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	56-23-5	12/16/11
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	108-90-7	12/16/11
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	75-00-3	12/16/11
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	67-66-3	12/16/11
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	74-87-3	12/16/11
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10187650	EPA8260	124-48-1	12/16/11
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	074-95-3	12/16/11
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	100-41-4	12/16/11
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10187650	EPA8260	074-88-4	12/16/11
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10187650	EPA8260	108-10-1	12/16/11
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10187650	EPA8260	75-09-2	12/16/11
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	106-46-7	12/16/11
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	100-42-5	12/16/11
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	127-18-4	12/16/11
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	108-88-3	12/16/11
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	79-01-6	12/16/11
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	75-69-4	12/16/11
Vinyl Acetate	5.00 U	ug/L	1.00	5.00	10.0	10187650	EPA8260	108-05-4	12/16/11
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	75-01-4	12/16/11
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10187650	EPA8260	1330-20-7	12/16/11
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10187650	EPA8260	156-59-2	12/16/11
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	10061-01-5	12/16/11
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	95-50-1	12/16/11
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	156-60-5	12/16/11
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	10061-02-6	12/16/11
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10187650	EPA8260	110-57-6	12/16/11
Surr:1,2-Dichloroethane-d4 (77-129%)	103.97%		1.00	0.0100	0.0100	10187650	EPA8260		12/16/11
Surr:Bromofluorobenzene (82-122%)	100.13%		1.00	1.00	1.00	10187650	EPA8260	460-00-4	12/16/11

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Tampa,FL 33607

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 15, 2011
Jan 5, 2012; Invoice: 165434

Lab #: 165434GW7 **Sampled:** 12/15/11 03:33 PM **Desc:** MW-11/21882

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10187819	EPA6020	7440-36-0	12/19/11
Arsenic	0.00100 U	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-38-2	12/19/11
Barium	0.0107	mg/L	1.00	0.00200	0.00400	10187819	EPA6020	7440-39-3	12/19/11
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10187819	EPA6020	7440-41-7	12/19/11
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-43-9	12/19/11
Chromium	0.00229	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-47-3	12/19/11
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-48-4	12/19/11
Copper	0.00100 U	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-50-8	12/19/11
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7439-92-1	12/19/11
Nickel	0.00100 U	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-02-0	12/19/11
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10187819	EPA6020	7782-49-2	12/19/11
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10187819	EPA6020	7440-22-4	12/19/11
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-28-0	12/19/11
Vanadium	0.00561	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-62-2	12/19/11
Zinc	0.0181 I	mg/L	1.00	0.0100	0.0200	10187819	EPA6020	7440-66-6	12/19/11
Iron	0.178	mg/L	1.00	0.0100	0.0200	10187906	EPA6010	7439-89-6	12/20/11
Sodium	3.72	mg/L	1.00	0.500	1.00	10187906	EPA6010	7440-23-5	12/20/11
TDS	38.0	mg/L	1.00	2.50	5.00	10188015	SM2540 C	10-33-3	12/21/11
Chloride	5.46 I	mg/L	1.00	4.00	8.00	10188181	SM4500-Cl E	16887-00-6	12/23/11
Ammonia (as N)	0.0207	mg/L	1.00	0.0100	0.0200	10188289	EPA350.1	7664-41-7	12/27/11
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10188572	EPA8011	096-18-4	12/22/11
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10188572	EPA8011	106-93-4	12/22/11
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10188572	EPA8011	96-12-8	12/22/11
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10188777	EPA7470	7439-97-6	01/05/12

Lab #: 165434GW8 **Sampled:** 12/15/11 04:08 PM **Desc:** MW-10R/22930

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Nitrate(as N)	0.0206	mg/L	1.00	0.0100	0.0200	10187589	EPA353.2	14797-55-8	12/16/11 12:14 PM
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	630-20-6	12/16/11

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PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
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Jan 5, 2012; Invoice: 165434

Lab #: 165434GW8 **Sampled:** 12/15/11 04:08 PM **Desc:** MW-10R/22930

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	10187650	EPA8260	71-55-6	12/16/11
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10187650	EPA8260	79-34-5	12/16/11
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	79-00-5	12/16/11
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	75-34-3	12/16/11
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	75-35-4	12/16/11
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	107-06-2	12/16/11
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10187650	EPA8260	78-87-5	12/16/11
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	78-93-3	12/16/11
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	591-78-6	12/16/11
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10187650	EPA8260	67-64-1	12/16/11
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10187650	EPA8260	107-13-1	12/16/11
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	71-43-2	12/16/11
Bromochloromethane	0.100 U	ug/L	1.00	0.100	1.00	10187650	EPA8260	074-97-5	12/16/11
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10187650	EPA8260	75-27-4	12/16/11
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	75-25-2	12/16/11
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	74-83-9	12/16/11
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10187650	EPA8260	75-15-0	12/16/11
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	56-23-5	12/16/11
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	108-90-7	12/16/11
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	75-00-3	12/16/11
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	67-66-3	12/16/11
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	74-87-3	12/16/11
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10187650	EPA8260	124-48-1	12/16/11
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	074-95-3	12/16/11
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	100-41-4	12/16/11
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10187650	EPA8260	074-88-4	12/16/11
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10187650	EPA8260	108-10-1	12/16/11
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10187650	EPA8260	75-09-2	12/16/11
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	106-46-7	12/16/11

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Lab #: 165434GW8 **Sampled:** 12/15/11 04:08 PM **Desc:** MW-10R/22930

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	100-42-5	12/16/11
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	127-18-4	12/16/11
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	108-88-3	12/16/11
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	79-01-6	12/16/11
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	75-69-4	12/16/11
Vinyl Acetate	5.00 U	ug/L	1.00	5.00	10.0	10187650	EPA8260	108-05-4	12/16/11
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	75-01-4	12/16/11
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10187650	EPA8260	1330-20-7	12/16/11
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10187650	EPA8260	156-59-2	12/16/11
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	10061-01-5	12/16/11
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	95-50-1	12/16/11
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	156-60-5	12/16/11
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	10061-02-6	12/16/11
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10187650	EPA8260	110-57-6	12/16/11
Surr:1,2-Dichloroethane-d4 (77-129%)	110.03%		1.00	0.0100	0.0100	10187650	EPA8260		12/16/11
Surr:Bromofluorobenzene (82-122%)	106.30%		1.00	1.00	1.00	10187650	EPA8260	460-00-4	12/16/11
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10187819	EPA6020	7440-36-0	12/19/11
Arsenic	0.00302	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-38-2	12/19/11
Barium	0.0177	mg/L	1.00	0.00200	0.00400	10187819	EPA6020	7440-39-3	12/19/11
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10187819	EPA6020	7440-41-7	12/19/11
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-43-9	12/19/11
Chromium	0.00201	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-47-3	12/19/11
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-48-4	12/19/11
Copper	0.00100 U	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-50-8	12/19/11
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7439-92-1	12/19/11
Nickel	0.00129 I	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-02-0	12/19/11
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10187819	EPA6020	7782-49-2	12/19/11
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10187819	EPA6020	7440-22-4	12/19/11
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-28-0	12/19/11

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 15, 2011
Jan 5, 2012; Invoice: 165434

Lab #: 165434GW8 **Sampled:** 12/15/11 04:08 PM **Desc:** MW-10R/22930

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Vanadium	0.00100 U	mg/L	1.00	0.00100	0.00200	10187819	EPA6020	7440-62-2	12/19/11
Zinc	0.0100 U	mg/L	1.00	0.0100	0.0200	10187819	EPA6020	7440-66-6	12/19/11
Iron	21.3	mg/L	1.00	0.0100	0.0200	10187906	EPA6010	7439-89-6	12/20/11
Sodium	10.3	mg/L	1.00	0.500	1.00	10187906	EPA6010	7440-23-5	12/20/11
TDS	162	mg/L	1.00	2.50	5.00	10188015	SM2540 C	10-33-3	12/21/11
Chloride	17.4	mg/L	1.00	4.00	8.00	10188182	SM4500-Cl E	16887-00-6	12/23/11
Ammonia (as N)	0.497	mg/L	1.00	0.0100	0.0200	10188290	EPA350.1	7664-41-7	12/27/11
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10188572	EPA8011	096-18-4	12/22/11
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10188572	EPA8011	106-93-4	12/22/11
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10188572	EPA8011	96-12-8	12/22/11
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10188777	EPA7470	7439-97-6	01/05/12

Lab #: 165434GW9 **Sampled:** 12/15/11 06:00 AM **Desc:** Trip blank

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	630-20-6	12/16/11
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	71-55-6	12/16/11
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10187650	EPA8260	79-34-5	12/16/11
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	79-00-5	12/16/11
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	75-34-3	12/16/11
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	75-35-4	12/16/11
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	107-06-2	12/16/11
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10187650	EPA8260	78-87-5	12/16/11
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	78-93-3	12/16/11
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	591-78-6	12/16/11
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10187650	EPA8260	67-64-1	12/16/11
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10187650	EPA8260	107-13-1	12/16/11
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	71-43-2	12/16/11
Bromochloromethane	0.100 U	ug/L	1.00	0.100	1.00	10187650	EPA8260	074-97-5	12/16/11
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10187650	EPA8260	75-27-4	12/16/11

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 15, 2011
Jan 5, 2012; Invoice: 165434

Lab #: 165434GW9 **Sampled:** 12/15/11 06:00 AM **Desc:** Trip blank

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	75-25-2	12/16/11
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	74-83-9	12/16/11
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10187650	EPA8260	75-15-0	12/16/11
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	56-23-5	12/16/11
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	108-90-7	12/16/11
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	75-00-3	12/16/11
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	67-66-3	12/16/11
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	74-87-3	12/16/11
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10187650	EPA8260	124-48-1	12/16/11
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	074-95-3	12/16/11
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	100-41-4	12/16/11
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10187650	EPA8260	074-88-4	12/16/11
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10187650	EPA8260	108-10-1	12/16/11
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10187650	EPA8260	75-09-2	12/16/11
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	106-46-7	12/16/11
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	100-42-5	12/16/11
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	127-18-4	12/16/11
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	108-88-3	12/16/11
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	79-01-6	12/16/11
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	75-69-4	12/16/11
Vinyl Acetate	5.00 U	ug/L	1.00	5.00	10.0	10187650	EPA8260	108-05-4	12/16/11
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	75-01-4	12/16/11
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10187650	EPA8260	1330-20-7	12/16/11
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10187650	EPA8260	156-59-2	12/16/11
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	10061-01-5	12/16/11
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	95-50-1	12/16/11
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	156-60-5	12/16/11
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10187650	EPA8260	10061-02-6	12/16/11
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10187650	EPA8260	110-57-6	12/16/11

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PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 15, 2011
Jan 5, 2012; Invoice: 165434

Lab #: 165434GW9 **Sampled:** 12/15/11 06:00 AM **Desc:** Trip blank

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Surr:1,2-Dichloroethane-d4 (77-129%)	114.27%		1.00	0.0100	0.0100	10187650	EPA8260		12/16/11
Surr:Bromofluorobenzene (82-122%)	103.63%		1.00	1.00	1.00	10187650	EPA8260	460-00-4	12/16/11
Surr:Toluene-d8 (80-120%)	99.47%		1.00	0.0100	0.0100	10187650	EPA8260		12/16/11

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PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 15, 2011
Jan 5, 2012; Invoice: 165434

Quality Report

Quality Control Batch: 10187588 **Analyst:** PCW

Blank	**Result**	**Units**
Nitrate(as N)	0.0100U	mg/L

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Nitrate(as N)	2.13	mg/L	2.00	106.50	80.00-120.00

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
Nitrate(as N)	4.00	mg/L	4.00	99.97	80.00-120.00	0.00103

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
Nitrate(as N)	3.94	mg/L	4.00	98.47	80.00-120.00	0.00103	1.51	20.00

Quality Control Batch: 10187589 **Analyst:** PCW

Blank	**Result**	**Units**
Nitrate(as N)	0.0100U	mg/L

Quality Control Batch: 10187650 **Analyst:** CLS

Blank	**Result**	**Units**
Acetone	5.00U	ug/L
Acrylonitrile	0.300U	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

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Quality Control Batch: 10187650 **Analyst:** CLS

Blank	**Result**	**Units**
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
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

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Quality Control Batch: 10187650 **Analyst:** CLS

Blank	**Result**	**Units**
1,1-Dichloroethane	0.500U	ug/L
1,1-Dichloroethene	0.500U	ug/L
1,2-dichloroethane	0.500U	ug/L
1,2-dichloropropane	0.200U	ug/L
2-Butanone (MEK)	0.500U	ug/L
2-Hexanone	0.500U	ug/L
Surr:Bromofluorobenzene	31.8	ug/L
Surr:Toluene-d8	31.8	ug/L
Surr:1,2-Dichloroethane-d4	29.6	ug/L

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Acetone	10.3	ug/L	10.0	103.30	38.88-162.52
Acrylonitrile	9.97	ug/L	10.0	99.70	40.32-146.67
Benzene	10.1	ug/L	10.0	101.30	69.86-134.08
Bromochloromethane	10.4	ug/L	10.0	104.00	73.37-125.03
Bromodichloromethane	9.56	ug/L	10.0	95.60	73.69-129.06
Bromoform	9.49	ug/L	10.0	94.90	66.50-120.60
Bromomethane	9.71	ug/L	10.0	97.10	52.06-149.03
Carbon Disulfide	10.8	ug/L	10.0	108.30	72.42-160.65
Carbon Tetrachloride	9.88	ug/L	10.0	98.80	69.24-130.87
Chlorobenzene	10.1	ug/L	10.0	101.10	76.12-122.63
Chloroethane	9.84	ug/L	10.0	98.40	54.48-148.84
Chloroform	9.92	ug/L	10.0	99.20	70.86-132.14
Chloromethane	11.7	ug/L	10.0	117.30	53.66-151.98
cis-1,2-dichloroethene	8.48	ug/L	10.0	84.80	72.17-127.13
cis-1,3-Dichloropropene	9.78	ug/L	10.0	97.80	72.26-128.63
Dibromochloromethane	9.79	ug/L	10.0	97.90	72.48-118.93
Ethylbenzene	10.5	ug/L	10.0	104.80	70.56-124.95
Methyl Iodide	9.29	ug/L	10.0	92.90	55.71-163.66

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PO #: 40612
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Date Sampled: Dec 15, 2011
Jan 5, 2012; Invoice: 165434

Quality Control Batch: 10187650 **Analyst:** CLS

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Methyl isobutyl ketone	10.2	ug/L	10.0	101.90	50.12-132.13
Methylene chloride	11.3	ug/L	10.0	113.40	40.69-151.61
o-dichlorobenzene	10.2	ug/L	10.0	102.00	59.80-127.24
Para-dichlorobenzene	10.6	ug/L	10.0	106.20	59.80-127.16
Styrene	9.54	ug/L	10.0	95.40	64.43-121.79
Tetrachloroethene	9.97	ug/L	10.0	99.70	49.80-173.40
Toluene	9.47	ug/L	10.0	94.70	75.34-126.10
trans-1,2-dichloroethene	12.4	ug/L	10.0	124.40	69.34-133.94
trans-1,3,-Dichloropropene	9.61	ug/L	10.0	96.10	69.36-124.24
Trichloroethene	10.1	ug/L	10.0	101.20	70.68-139.87
Trichlorofluoromethane	9.66	ug/L	10.0	96.60	44.99-156.60
Vinyl chloride	10.8	ug/L	10.0	108.00	56.53-148.31
Xylenes	30.2	ug/L	30.0	100.67	70.92-123.99
1,1,1,2-Tetrachloroethane	10.1	ug/L	10.0	101.00	72.36-126.72
1,1,1-Trichloroethane	10.2	ug/L	10.0	101.60	72.34-131.71
1,1,2,2-Tetrachloroethane	10.4	ug/L	10.0	103.50	73.03-130.21
1,1,2-Trichloroethane	10.3	ug/L	10.0	103.10	78.01-120.70
1,1-Dichloroethane	10.3	ug/L	10.0	102.80	68.89-133.90
1,1-Dichloroethene	10.8	ug/L	10.0	108.00	57.83-149.70
1,2-dichloroethane	10.5	ug/L	10.0	104.80	71.63-130.49
1,2-dichloropropane	9.97	ug/L	10.0	99.70	72.07-128.11
2-Butanone (MEK)	13.7	ug/L	10.0	136.90	59.03-164.47
2-Hexanone	9.75	ug/L	10.0	97.50	60.06-141.22
Surr:Bromofluorobenzene	30.3	ug/L	30.0	101.03	82.78-122.32
Surr:Toluene-d8	28.0	ug/L	30.0	93.23	80.00-120.00
Surr:1,2-Dichloroethane-d4	30.3	ug/L	30.0	101.13	77.68-129.99

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
Acetone	19.7	ug/L	20.0	98.70	46.01-156.32	5.00U

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 15, 2011
Jan 5, 2012; Invoice: 165434

Quality Control Batch: 10187650 **Analyst:** CLS

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
Acrylonitrile	20.1	ug/L	20.0	100.35	43.40-147.39	0.300U
Benzene	20.4	ug/L	20.0	102.20	74.48-134.24	0.500U
Bromochloromethane	19.8	ug/L	20.0	99.00	73.98-126.75	0.100U
Bromodichloromethane	20.4	ug/L	20.0	102.00	74.51-131.60	0.100U
Bromoform	20.4	ug/L	20.0	102.15	65.77-126.66	0.500U
Bromomethane	22.3	ug/L	20.0	111.55	45.79-154.07	0.500U
Carbon Tetrachloride	20.2	ug/L	20.0	100.85	69.71-134.11	0.500U
Chlorobenzene	20.3	ug/L	20.0	101.25	78.18-124.63	0.500U
Chloroethane	20.3	ug/L	20.0	101.60	57.96-148.61	0.500U
Chloroform	19.3	ug/L	20.0	96.25	67.52-139.02	0.500U
Chloromethane	21.9	ug/L	20.0	109.65	51.30-156.78	0.500U
cis-1,2-dichloroethene	17.3	ug/L	20.0	86.30	76.64-126.84	0.200U
cis-1,3-Dichloropropene	20.9	ug/L	20.0	104.30	67.26-137.96	0.500U
Dibromochloromethane	21.0	ug/L	20.0	104.95	73.00-123.23	0.400U
Ethylbenzene	22.0	ug/L	20.0	110.10	73.91-128.64	0.500U
Methyl Iodide	24.4	ug/L	20.0	121.85	54.23-165.25	1.00U
Methyl isobutyl ketone	21.0	ug/L	20.0	104.85	57.64-133.07	1.00U
Methylene chloride	19.1	ug/L	20.0	95.40	50.29-142.90	1.00U
o-dichlorobenzene	20.6	ug/L	20.0	102.95	71.04-127.37	0.500U
Para-dichlorobenzene	20.2	ug/L	20.0	100.85	70.44-126.55	0.500U
Styrene	20.6	ug/L	20.0	103.05	68.01-124.71	0.500U
Tetrachloroethene	20.4	ug/L	20.0	101.95	49.77-180.05	0.500U
Toluene	20.8	ug/L	20.0	104.05	77.67-128.73	0.500U
trans-1,2-dichloroethene	25.6	ug/L	20.0	128.10	71.14-135.42	0.500U
trans-1,3,-Dichloropropene	20.1	ug/L	20.0	100.25	68.77-131.64	0.500U
Trichloroethene	22.2	ug/L	20.0	111.20	77.68-135.38	0.500U
Trichlorofluoromethane	20.7	ug/L	20.0	103.50	48.94-159.62	0.500U
Vinyl chloride	24.0	ug/L	20.0	120.15	56.51-147.62	0.500U
Xylenes	64.1	ug/L	60.0	106.88	74.03-127.32	1.00U

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PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 15, 2011
Jan 5, 2012; Invoice: 165434

Quality Control Batch: 10187650 **Analyst:** CLS

Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample
1,1,1,2-Tetrachloroethane	21.3	ug/L	20.0	106.25	74.08-128.41	0.500U
1,1,1-Trichloroethane	20.8	ug/L	20.0	104.10	74.12-134.44	0.500U
1,1,2,2-Tetrachloroethane	20.4	ug/L	20.0	102.00	70.96-136.31	0.100U
1,1,2-Trichloroethane	20.8	ug/L	20.0	103.95	78.08-124.41	0.500U
1,1-Dichloroethane	19.9	ug/L	20.0	99.55	72.78-134.55	0.500U
1,1-Dichloroethene	21.6	ug/L	20.0	107.85	58.40-151.32	0.500U
1,2-dichloroethane	19.8	ug/L	20.0	99.05	71.53-134.48	0.500U
1,2-dichloropropane	20.5	ug/L	20.0	102.55	74.50-129.66	0.200U
2-Butanone (MEK)	20.1	ug/L	20.0	100.40	64.53-153.74	0.500U
2-Hexanone	20.5	ug/L	20.0	102.70	62.58-147.29	0.500U
Surr:Bromofluorobenzene	31.3	ug/L	30.0	104.40	53.82-151.16	
Surr:Toluene-d8	30.6	ug/L	30.0	102.10	88.05-109.81	
Surr:1,2-Dichloroethane-d4	29.5	ug/L	30.0	98.30	75.07-126.19	

Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Acetone	16.7	ug/L	20.0	83.30	46.01-156.32	5.00U	16.92	38.47
Acrylonitrile	14.8	ug/L	20.0	74.00	43.40-147.39	0.300U	30.23	24.85
Benzene	17.3	ug/L	20.0	86.55	74.48-134.24	0.500U	16.58	18.98
Bromochloromethane	16.1	ug/L	20.0	80.45	73.98-126.75	0.100U	20.67	15.45
Bromodichloromethane	16.4	ug/L	20.0	81.95	74.51-131.60	0.100U	21.80	14.47
Bromoform	15.4	ug/L	20.0	77.00	65.77-126.66	0.500U	28.08	18.89
Bromomethane	17.6	ug/L	20.0	87.85	45.79-154.07	0.500U	23.77	22.97
Carbon Tetrachloride	17.0	ug/L	20.0	84.80	69.71-134.11	0.500U	17.29	18.68
Chlorobenzene	16.7	ug/L	20.0	83.70	78.18-124.63	0.500U	18.98	17.54
Chloroethane	16.9	ug/L	20.0	84.55	57.96-148.61	0.500U	18.32	24.25
Chloroform	16.2	ug/L	20.0	81.05	67.52-139.02	0.500U	17.15	17.36
Chloromethane	18.4	ug/L	20.0	92.20	51.30-156.78	0.500U	17.29	24.58
cis-1,2-dichloroethene	13.9	ug/L	20.0	69.65	76.64-126.84	0.200U	21.35	19.01
cis-1,3-Dichloropropene	17.4	ug/L	20.0	87.15	67.26-137.96	0.500U	17.92	17.79

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PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 15, 2011
Jan 5, 2012; Invoice: 165434

Quality Control Batch: 10187650 **Analyst:** CLS

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
Dibromochloromethane	16.6	ug/L	20.0	83.05	73.00-123.23	0.400U	23.30	17.16
Ethylbenzene	17.7	ug/L	20.0	88.50	73.91-128.64	0.500U	21.75	17.78
Methyl Iodide	18.7	ug/L	20.0	93.60	54.23-165.25	1.00U	26.22	24.15
Methyl isobutyl ketone	16.0	ug/L	20.0	80.00	57.64-133.07	1.00U	26.89	23.20
Methylene chloride	15.6	ug/L	20.0	78.00	50.29-142.90	1.00U	20.07	22.29
o-dichlorobenzene	15.6	ug/L	20.0	77.85	71.04-127.37	0.500U	27.77	17.00
Para-dichlorobenzene	16.1	ug/L	20.0	80.35	70.44-126.55	0.500U	22.63	14.84
Styrene	16.8	ug/L	20.0	83.75	68.01-124.71	0.500U	20.66	17.03
Tetrachloroethene	16.8	ug/L	20.0	83.80	49.77-180.05	0.500U	19.54	27.05
Toluene	17.4	ug/L	20.0	86.80	77.67-128.73	0.500U	18.08	18.11
trans-1,2-dichloroethene	20.9	ug/L	20.0	104.40	71.14-135.42	0.500U	20.39	19.23
trans-1,3,-Dichloropropene	16.8	ug/L	20.0	83.75	68.77-131.64	0.500U	17.93	17.05
Trichloroethene	17.7	ug/L	20.0	88.30	77.68-135.38	0.500U	22.96	16.98
Trichlorofluoromethane	16.1	ug/L	20.0	80.35	48.94-159.62	0.500U	25.18	24.90
Vinyl chloride	19.8	ug/L	20.0	99.20	56.51-147.62	0.500U	19.10	21.53
Xylenes	50.3	ug/L	60.0	83.75	74.03-127.32	1.00U	24.27	18.64
1,1,1,2-Tetrachloroethane	17.2	ug/L	20.0	85.85	74.08-128.41	0.500U	21.24	18.35
1,1,1-Trichloroethane	17.1	ug/L	20.0	85.55	74.12-134.44	0.500U	19.56	19.03
1,1,2,2-Tetrachloroethane	15.9	ug/L	20.0	79.50	70.96-136.31	0.100U	24.79	18.50
1,1,2-Trichloroethane	16.4	ug/L	20.0	82.10	78.08-124.41	0.500U	23.49	15.94
1,1-Dichloroethane	17.3	ug/L	20.0	86.65	72.78-134.55	0.500U	13.86	16.44
1,1-Dichloroethene	18.3	ug/L	20.0	91.35	58.40-151.32	0.500U	16.57	23.15
1,2-dichloroethane	16.3	ug/L	20.0	81.60	71.53-134.48	0.500U	19.32	15.32
1,2-dichloropropane	17.5	ug/L	20.0	87.55	74.50-129.66	0.200U	15.78	16.56
2-Butanone (MEK)	16.3	ug/L	20.0	81.55	64.53-153.74	0.500U	20.72	32.53
2-Hexanone	15.9	ug/L	20.0	79.50	62.58-147.29	0.500U	25.47	25.26
Surr:Bromofluorobenzene	32.4	ug/L	30.0	108.10	53.82-151.16		3.48	13.51
Surr:Toluene-d8	29.6	ug/L	30.0	98.60	88.05-109.81		3.49	7.44
Surr:1,2-Dichloroethane-d4	29.6	ug/L	30.0	98.70	75.07-126.19		0.41	8.75

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PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 15, 2011
Jan 5, 2012; Invoice: 165434

Quality Control Batch: 10187819 **Analyst:** EVB

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
Vanadium	0.00100U	mg/L
Zinc	0.0100U	mg/L

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Antimony	0.187	mg/L	0.200	93.61	76.70-120.39
Arsenic	0.197	mg/L	0.200	98.62	81.09-119.32
Barium	0.223	mg/L	0.200	111.33	84.59-125.11
Beryllium	0.214	mg/L	0.200	107.07	85.69-132.22
Cadmium	0.196	mg/L	0.200	97.83	84.66-121.81
Chromium	0.223	mg/L	0.200	111.62	87.00-122.96
Cobalt	0.214	mg/L	0.200	107.05	78.66-126.98
Copper	0.199	mg/L	0.200	99.72	84.08-122.69
Lead	0.194	mg/L	0.200	97.13	86.91-124.18
Nickel	0.209	mg/L	0.200	104.54	77.31-126.31
Selenium	0.192	mg/L	0.200	95.86	75.98-121.42
Silver	0.194	mg/L	0.200	96.85	79.76-119.92

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Quality Control Batch: 10187819 **Analyst:** EVB

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Thallium	0.189	mg/L	0.200	94.53	80.95-125.84
Vanadium	0.208	mg/L	0.200	104.14	78.51-125.51
Zinc	0.191	mg/L	0.200	95.54	79.82-122.80

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
Antimony	0.183	mg/L	0.200	91.68	73.48-142.27	0.00200U
Arsenic	0.185	mg/L	0.200	92.64	73.05-140.45	0.00100U
Barium	0.232	mg/L	0.200	109.45	70.68-156.87	0.0131
Beryllium	0.188	mg/L	0.200	93.78	89.27-154.67	0.000500U
Cadmium	0.187	mg/L	0.200	93.29	76.87-137.80	0.00100U
Chromium	0.234	mg/L	0.200	106.34	67.91-144.29	0.0215
Cobalt	0.201	mg/L	0.200	100.71	68.92-150.01	0.00100U
Copper	0.179	mg/L	0.200	89.61	57.64-148.77	0.00100U
Lead	0.199	mg/L	0.200	99.37	69.09-150.83	0.00100U
Nickel	0.206	mg/L	0.200	93.47	58.01-145.27	0.0188
Selenium	0.163	mg/L	0.200	81.63	63.72-144.34	0.00200U
Silver	0.162	mg/L	0.200	80.90	48.94-146.79	0.000500U
Thallium	0.193	mg/L	0.200	96.41	68.93-151.79	0.00100U
Vanadium	0.217	mg/L	0.200	108.35	72.08-149.74	0.00100U
Zinc	0.153	mg/L	0.200	76.38	51.79-149.89	0.0100U

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
Antimony	0.187	mg/L	0.200	93.26	73.48-142.27	0.00200U	1.71	23.91
Arsenic	0.183	mg/L	0.200	91.56	73.05-140.45	0.00100U	1.17	26.42
Barium	0.234	mg/L	0.200	110.56	70.68-156.87	0.0131	0.95	20.91
Beryllium	0.187	mg/L	0.200	93.26	89.27-154.67	0.000500U	0.55	22.45
Cadmium	0.182	mg/L	0.200	91.19	76.87-137.80	0.00100U	2.28	24.42
Chromium	0.237	mg/L	0.200	107.67	67.91-144.29	0.0215	1.13	26.93
Cobalt	0.206	mg/L	0.200	103.06	68.92-150.01	0.00100U	2.31	20.94

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PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 15, 2011
Jan 5, 2012; Invoice: 165434

Quality Control Batch: 10187819 **Analyst:** EVB

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
Copper	0.186	mg/L	0.200	93.18	57.64-148.77	0.00100U	3.90	26.04
Lead	0.206	mg/L	0.200	102.90	69.09-150.83	0.00100U	3.49	26.35
Nickel	0.214	mg/L	0.200	97.42	58.01-145.27	0.0188	3.77	25.87
Selenium	0.168	mg/L	0.200	83.86	63.72-144.34	0.00200U	2.70	23.19
Silver	0.150	mg/L	0.200	74.97	48.94-146.79	0.000500U	7.62	25.78
Thallium	0.201	mg/L	0.200	100.52	68.93-151.79	0.00100U	4.17	22.45
Vanadium	0.222	mg/L	0.200	111.10	72.08-149.74	0.00100U	2.50	21.04
Zinc	0.160	mg/L	0.200	80.09	51.79-149.89	0.0100U	4.75	25.51

Quality Control Batch: 10187906 **Analyst:** EVB

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

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Iron	5.06	mg/L	5.00	101.16	81.21-113.54
Sodium	4.77	mg/L	5.00	95.31	78.62-112.15

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
Iron	15.0	mg/L	5.00	85.10	57.02-147.60	10.7
Sodium	15.5	mg/L	5.00	81.46	37.63-161.64	11.4

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
Iron	14.3	mg/L	5.00	71.40	57.02-147.60	10.7	4.69	19.53
Sodium	14.9	mg/L	5.00	69.92	37.63-161.64	11.4	3.79	19.20

Quality Control Batch: 10188015 **Analyst:** PLB

Blank	**Result**	**Units**
TDS	2.50U	mg/L

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 15, 2011
Jan 5, 2012; Invoice: 165434

Quality Control Batch: 10188015 **Analyst:** PLB

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
TDS	1490	mg/L	1500	99.60	88.20-108.17

Quality Control Batch: 10188207 **Analyst:** VLB

Blank	**Result**	**Units**
Chloride	4.00U	mg/L

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Chloride	50.1	mg/L	50.0	100.22	80.00-120.00

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
Chloride	61.5	mg/L	50.0	102.04	80.00-120.00	10.5

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
Chloride	61.6	mg/L	50.0	102.32	80.00-120.00	10.5	0.23	20.00

Quality Control Batch: 10188289 **Analyst:** PCW

Blank	**Result**	**Units**
Ammonia (as N)	0.0100U	mg/L

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Ammonia (as N)	0.496	mg/L	0.500	99.20	80.72-118.76

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
Ammonia (as N)	1.25	mg/L	0.780	102.18	54.58-133.65	0.453

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Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
Ammonia (as N)	1.20	mg/L	0.780	95.77	54.58-133.65	0.453	4.08	13.84

Quality Control Batch: 10188290 **Analyst:** PCW

Blank	**Result**	**Units**
Ammonia (as N)	0.0100U	mg/L

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Ammonia (as N)	0.454	mg/L	0.500	90.80	79.00-119.89

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
Ammonia (as N)	0.764	mg/L	0.780	97.59	50.68-137.76	0.00278

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
Ammonia (as N)	0.795	mg/L	0.780	101.57	50.68-137.76	0.00278	3.98	7.78

Quality Control Batch: 10188572 **Analyst:** DLJ

Blank	**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	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
1,2,3-Trichloropropane	0.723	ug/L	0.750	96.40	80.00-120.00
1,2-Dibromoethane (EDB)	0.798	ug/L	0.750	106.36	71.37-128.24
1,2-dibromo-3-chloropropane	0.758	ug/L	0.750	101.07	56.44-144.91

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
1,2,3-Trichloropropane	0.604	ug/L	0.750	80.47	80.00-120.00	0.0200U
1,2-Dibromoethane (EDB)	0.712	ug/L	0.750	94.95	68.22-125.80	0.0100U
1,2-dibromo-3-chloropropane	0.620	ug/L	0.750	82.65	60.03-124.62	0.0200U

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PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 15, 2011
Jan 5, 2012; Invoice: 165434

Quality Control Batch: 10188572 **Analyst:** DLJ

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
1,2,3-Trichloropropane	0.608	ug/L	0.750	81.11	80.00-120.00	0.0200U	0.79	20.00
1,2-Dibromoethane (EDB)	0.696	ug/L	0.750	92.79	68.22-125.80	0.0100U	2.30	16.28
1,2-dibromo-3-chloropropane	0.621	ug/L	0.750	82.73	60.03-124.62	0.0200U	0.10	10.23

Quality Control Batch: 10188777 **Analyst:** EVB

Blank	**Result**	**Units**
Mercury	0.0000200U	mg/L

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Mercury	0.00101	mg/L	0.00100	100.70	93.80-109.78

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
Mercury	0.00331	mg/L	0.00300	110.23	90.41-113.04	0.0000200U

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
Mercury	0.00332	mg/L	0.00300	110.80	90.41-113.04	0.0000200U	0.51	6.58

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PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 15, 2011
Jan 5, 2012; Invoice: 165434

Narrative Report

Sample Handling
Sample handling and holding time criteria were met for all samples. Samples collected by FCL. 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.

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
Field Data

Qualifier	Meaning
U	Compound was analyzed for but not detected.
J	One or more QC samples associated with this data value exceeded QC limits.
J1	Surrogate recovery limits have been exceeded.
J2	No known quality control criteria exist for the component.
J3	Reported value failed to meet established quality control criteria for either precision or accuracy.
J4	Sample matrix interfered with the ability to make an accurate determination on the spiked sample.
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.
ZTNTC	Too numerous to count. Numeric value represents filtration volume.
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.

Field data in 166444

Check Box That Applies To Your Location

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S/A

Client: Atkins	Project Name: Hardee County Landfill Samples
Address	Client Contact
	FCL Project Manager
Phone	Requested Due Date / 10 Day Standard OR
Sampled By (PRINT): Robert Carpenter FCL	Pick-Up Fee $
Sampler Signature: Robert Carpenter	Date Sampled: 12/15/11

P.O. #: | FAX: | E-MAIL: | Rush Charges May Apply | Vehicle Surcharge $ | Sampling Fee 48 $

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_2SO_4	HNO_3	HCl	$Na_2S_2O_3$		Appl Metals + Ke Na	Cl NO3 TDS	NH3	Appl 8011	Appl 8260				COMMENTS: ON ICE <6°C pH<2	Total # Containers
1	MW-4	12/15/11	09:50	GW	165434 GW1	1	1	1	2			✓	✓	✓	✓	✓	✓				5
2	MW-2		11:36		2	1	1	1	2			✓	✓	✓	✓	✓	✓			MS/MSD	5
3	MW-1		10:44		3	1	1	1	2			✓	✓	✓	✓	✓	✓				5
4	MW-5		13:27		4	1	1	1	2			✓	✓	✓	✓	✓	✓				5
5	MW-8		13:55		5	1	1	1	2			✓	✓	✓	✓	✓	✓				5
6	MW-12R		14:52		6	1	1	1	2			✓	✓	✓	✓	✓	✓				5
7	MW-11		15:33		7	1	1	1	2			✓	✓	✓	✓	✓	✓				5
8	MW-10R		16:08		8	1	1	1	2			✓	✓	✓	✓	✓	✓				5
9	Trip		06:00	DI	9				1								✓				1
10									YES Metals												

Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
						Robert Carpenter	12/16/11	07:36			
										12/16/11	0741

FINANCE CHARGES APPLIED TO PAST DUE INVOICES

• WHITE - Lab Copy - To Be Scanned • YELLOW - Client Copy

Rev 04-08

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PO #: 40612 Revised 1/10/12
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 14, 2011
Jan 5, 2012; Invoice: 165258

Report Summary

Date Received: Dec 14, 2011 FCL Project Manager: June S. Flowers

Laboratory #	Sample Description	Analysis	Chemist	Location	SampleMatrix
165258SW1	SW-2/21062	EPA200.7	EVB	Main Lab	Surface Water
		EPA200.8	EVB	Main Lab	
		EPA245.1	EVB	Main Lab	
		EPA351.2	VLB	Main Lab	
		EPA353.2	PCW	Main Lab	
		EPA365.4	VLB	Main Lab	
		EPA410.4	CTH	Main Lab	
		EPA420.1	PCW	Main Lab	
		EPA6020	EVB	Main Lab	
		EPA8011	DLJ	Main Lab	
		EPA8260	CLS	Main Lab	
		FDEP DEP-SOP	PCW	Main Lab	
		FT1100	RJC	Main Lab	
		FT1200	RJC	Main Lab	
		FT1400	RJC	Main Lab	
		FT1500	RJC	Main Lab	
		FT1600	RJC	Main Lab	
		SM10200 H	TRB	Main Lab	
		SM2340 B	EVB	Main Lab	
		SM2540 C	PLB	Main Lab	
		SM5310 B	PCW	Main Lab	
		SM9222 D	TRB	Main Lab	
		TotNit			
165258SW2	Trip blank	EPA8260	CLS	Main Lab	Surface Water

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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PO #: 40612 Revised 1/10/12
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 14, 2011
Jan 5, 2012; Invoice: 165258

Analysis Report

Lab #: 165258SW1 **Sampled:** 12/14/11 12:00 PM **Desc:** SW-2/21062

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Total Nitrogen(as N)	3.23		0				TotNit	17778-88-0		
TKN(as N)	3.14	mg/L	1.00	0.200	0.400	10179295	EPA351.2	7727-37-9	12/22/11	
Total Phosphorous(as P)	0.686	mg/L	1.00	0.0400	0.0800	10179874	EPA365.4	7723-14-0	12/22/11	
Nitrate(as N)	0.0890	mg/L	1.00	0.0100	0.0200	10187492	EPA353.2	14797-55-8	12/15/11	09:15 AM
Nitrite(as N)	0.0200 U	mg/L	1.00	0.0200	0.0400	10187492	EPA353.2	14797-65-0	12/15/11	09:15 AM
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187573	EPA8260	630-20-6	12/15/11	
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187573	EPA8260	71-55-6	12/15/11	
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10187573	EPA8260	79-34-5	12/15/11	
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187573	EPA8260	79-00-5	12/15/11	
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187573	EPA8260	75-34-3	12/15/11	
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10187573	EPA8260	75-35-4	12/15/11	
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187573	EPA8260	107-06-2	12/15/11	
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10187573	EPA8260	78-87-5	12/15/11	
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10187573	EPA8260	78-93-3	12/15/11	
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10187573	EPA8260	591-78-6	12/15/11	
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10187573	EPA8260	67-64-1	12/15/11	
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10187573	EPA8260	107-13-1	12/15/11	
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10187573	EPA8260	71-43-2	12/15/11	
Bromochloromethane	0.100 U	ug/L	1.00	0.100	1.00	10187573	EPA8260	074-97-5	12/15/11	
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10187573	EPA8260	75-27-4	12/15/11	
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10187573	EPA8260	75-25-2	12/15/11	
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10187573	EPA8260	74-83-9	12/15/11	
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10187573	EPA8260	75-15-0	12/15/11	
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10187573	EPA8260	56-23-5	12/15/11	
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10187573	EPA8260	108-90-7	12/15/11	
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187573	EPA8260	75-00-3	12/15/11	
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10187573	EPA8260	67-66-3	12/15/11	

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PO #: 40612 Revised 1/10/12
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 14, 2011
Jan 5, 2012; Invoice: 165258

Lab #: 165258SW1 **Sampled:** 12/14/11 12:00 PM **Desc:** SW-2/21062

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10187573	EPA8260	74-87-3	12/15/11
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10187573	EPA8260	124-48-1	12/15/11
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10187573	EPA8260	074-95-3	12/15/11
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10187573	EPA8260	100-41-4	12/15/11
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10187573	EPA8260	074-88-4	12/15/11
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10187573	EPA8260	108-10-1	12/15/11
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10187573	EPA8260	75-09-2	12/15/11
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10187573	EPA8260	106-46-7	12/15/11
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10187573	EPA8260	100-42-5	12/15/11
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10187573	EPA8260	127-18-4	12/15/11
Toluene	0.740 I	ug/L	1.00	0.500	1.00	10187573	EPA8260	108-88-3	12/15/11
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10187573	EPA8260	79-01-6	12/15/11
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10187573	EPA8260	75-69-4	12/15/11
Vinyl Acetate	5.00 U	ug/L	1.00	5.00	10.0	10187573	EPA8260	108-05-4	12/15/11
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10187573	EPA8260	75-01-4	12/15/11
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10187573	EPA8260	1330-20-7	12/15/11
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10187573	EPA8260	156-59-2	12/15/11
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10187573	EPA8260	10061-01-5	12/15/11
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10187573	EPA8260	95-50-1	12/15/11
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10187573	EPA8260	156-60-5	12/15/11
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10187573	EPA8260	10061-02-6	12/15/11
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10187573	EPA8260	110-57-6	12/15/11
Surr:Bromofluorobenzene (84-123%)	103.63%		1.00	1.00	1.00	10187573	EPA8260	460-00-4	12/15/11
TDS	180 Q	mg/L	1.00	2.50	5.00	10187664	SM2540 C	10-33-3	01/09/12
Field pH (units)	6.61	pH	1.00	0.0100	0.0200	10187801	FT1100	C006	12/14/11
Field Conductivity	255	umhos/cm	1.00	0.100	0.100	10187801	FT1200		12/14/11
Field Temp. (C)	23.9	oC	1.00	0.100	0.100	10187801	FT1400		12/14/11
Field DO	1.10	mg/L	1.00	0.100	0.100	10187801	FT1500		12/14/11
Field Turbidity	5.40	NTU	1.00	0.100	0.100	10187801	FT1600		12/14/11

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

PO #: 40612 Revised 1/10/12
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 14, 2011
Jan 5, 2012; Invoice: 165258

Lab #: 165258SW1 **Sampled:** 12/14/11 12:00 PM **Desc:** SW-2/21062

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10187803	EPA6020	7440-36-0	12/19/11	
Arsenic	0.00171 I	mg/L	1.00	0.00100	0.00200	10187803	EPA6020	7440-38-2	12/19/11	
Barium	0.0272	mg/L	1.00	0.00200	0.00400	10187803	EPA6020	7440-39-3	12/19/11	
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10187803	EPA6020	7440-41-7	12/19/11	
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10187803	EPA6020	7440-43-9	12/19/11	
Chromium	0.00296	mg/L	1.00	0.00100	0.00200	10187803	EPA6020	7440-47-3	12/19/11	
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10187803	EPA6020	7440-48-4	12/19/11	
Copper	0.0127	mg/L	1.00	0.00100	0.00200	10187803	EPA6020	7440-50-8	12/19/11	
Lead	0.00140 I	mg/L	1.00	0.00100	0.00200	10187803	EPA6020	7439-92-1	12/19/11	
Nickel	0.00401	mg/L	1.00	0.00100	0.00200	10187803	EPA6020	7440-02-0	12/19/11	
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10187803	EPA6020	7782-49-2	12/19/11	
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10187803	EPA6020	7440-22-4	12/19/11	
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10187803	EPA6020	7440-28-0	12/19/11	
Vanadium	0.00918	mg/L	1.00	0.00100	0.00200	10187803	EPA6020	7440-62-2	12/19/11	
Zinc	0.0456	mg/L	1.00	0.0100	0.0200	10187803	EPA6020	7440-66-6	12/19/11	
Aluminum	0.279	mg/L	1.00	0.0100	0.0200	10187806	EPA200.8	7429-90-5	12/19/11	
Iron	0.532	mg/L	1.00	0.0100	0.0200	10187897	EPA200.7	7439-89-6	12/20/11	
Total Hardness (as CaCO3)	117	mg/L	1.00	0.100	0.200	10187902	SM2340 B	40-11-9	12/20/11	
Fecal Coliform	18.0	cfu/100mL	2.00	2.00	2.00	10187927	SM9222 D	E761792	12/14/11	03:00 PM
Phenolics	0.00500 U	mg/L	1.00	0.00500	0.0100	10187931	EPA420.1	E749630	12/21/11	
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10188075	EPA8011	096-18-4	12/22/11	
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10188075	EPA8011	106-93-4	12/22/11	
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10188075	EPA8011	96-12-8	12/22/11	
TOC	17.4	mg/L	1.00	1.00	2.00	10188084	SM5310 B	E701250	12/22/11	
Unionized NH3(as N)	0.000100 U	mg/L	1.00	0.000100	0.000200	10188147	FDEP DEP-SOF		12/23/11	
Chlorophyll a	50.9	mg/m3	1.00	1.00	2.00	10188370	SM10200 H	479-61-8	12/15/11	
Chemical Oxygen Demand	20.3 I	mg/L	1.00	20.0	40.0	10188719	EPA410.4	C-004	12/21/11	
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10188777	EPA245.1	7439-97-6	01/05/12	

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PO #: 40612 Revised 1/10/12
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 14, 2011
Jan 5, 2012; Invoice: 165258

Lab #: 165258SW2 **Sampled:** 12/14/11 05:00 AM **Desc:** Trip blank

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187573	EPA8260	630-20-6	12/15/11
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187573	EPA8260	71-55-6	12/15/11
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10187573	EPA8260	79-34-5	12/15/11
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187573	EPA8260	79-00-5	12/15/11
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187573	EPA8260	75-34-3	12/15/11
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10187573	EPA8260	75-35-4	12/15/11
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187573	EPA8260	107-06-2	12/15/11
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10187573	EPA8260	78-87-5	12/15/11
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10187573	EPA8260	78-93-3	12/15/11
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10187573	EPA8260	591-78-6	12/15/11
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10187573	EPA8260	67-64-1	12/15/11
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10187573	EPA8260	107-13-1	12/15/11
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10187573	EPA8260	71-43-2	12/15/11
Bromochloromethane	0.100 U	ug/L	1.00	0.100	1.00	10187573	EPA8260	074-97-5	12/15/11
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10187573	EPA8260	75-27-4	12/15/11
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10187573	EPA8260	75-25-2	12/15/11
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10187573	EPA8260	74-83-9	12/15/11
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10187573	EPA8260	75-15-0	12/15/11
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10187573	EPA8260	56-23-5	12/15/11
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10187573	EPA8260	108-90-7	12/15/11
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187573	EPA8260	75-00-3	12/15/11
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10187573	EPA8260	67-66-3	12/15/11
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10187573	EPA8260	74-87-3	12/15/11
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10187573	EPA8260	124-48-1	12/15/11
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10187573	EPA8260	074-95-3	12/15/11
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10187573	EPA8260	100-41-4	12/15/11
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10187573	EPA8260	074-88-4	12/15/11
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10187573	EPA8260	108-10-1	12/15/11
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10187573	EPA8260	75-09-2	12/15/11

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Tampa,FL 33607

PO #: 40612 Revised 1/10/12
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 14, 2011
Jan 5, 2012; Invoice: 165258

Lab #: 165258SW2 **Sampled:** 12/14/11 05:00 AM **Desc:** Trip blank

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10187573	EPA8260	106-46-7	12/15/11
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10187573	EPA8260	100-42-5	12/15/11
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10187573	EPA8260	127-18-4	12/15/11
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10187573	EPA8260	108-88-3	12/15/11
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10187573	EPA8260	79-01-6	12/15/11
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10187573	EPA8260	75-69-4	12/15/11
Vinyl Acetate	5.00 U	ug/L	1.00	5.00	10.0	10187573	EPA8260	108-05-4	12/15/11
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10187573	EPA8260	75-01-4	12/15/11
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10187573	EPA8260	1330-20-7	12/15/11
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10187573	EPA8260	156-59-2	12/15/11
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10187573	EPA8260	10061-01-5	12/15/11
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10187573	EPA8260	95-50-1	12/15/11
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10187573	EPA8260	156-60-5	12/15/11
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10187573	EPA8260	10061-02-6	12/15/11
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10187573	EPA8260	110-57-6	12/15/11
Surr:1,2-Dichloroethane-d4 (85-128%)	104.97%		1.00	0.0100	0.0100	10187573	EPA8260		12/15/11
Surr:Bromofluorobenzene (84-123%)	102.67%		1.00	1.00	1.00	10187573	EPA8260	460-00-4	12/15/11
Surr:Toluene-d8 (80-120%)	109.67%		1.00	0.0100	0.0100	10187573	EPA8260		12/15/11

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PO #: 40612 Revised 1/10/12
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 14, 2011
Jan 5, 2012; Invoice: 165258

Quality Report

Quality Control Batch: 10179295 **Analyst:** VLB

Blank	**Result**	**Units**
TKN(as N)	0.200U	%DW

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
TKN(as N)	2.92	%DW	3.00	97.22	83.96-113.15

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
TKN(as N)	1410	%DW	3.00	14,245.87	70.87-122.10	984

Quality Control Batch: 10179874 **Analyst:** VLB

Blank	**Result**	**Units**
Total Phosphorous(as P)	0.0400U	mg/L

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Total Phosphorous(as P)	1.49	mg/L	1.50	99.44	84.24-112.72

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
Total Phosphorous(as P)	1.56	mg/L	1.50	103.38	79.95-119.28	0.00970

Quality Control Batch: 10187492 **Analyst:** PCW

Blank	**Result**	**Units**
Nitrate(as N)	0.0100U	mg/L
Nitrite(as N)	0.0200U	mg/L

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Nitrate(as N)	2.12	mg/L	2.00	106.00	80.00-120.00

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PO #: 40612 Revised 1/10/12
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 14, 2011
Jan 5, 2012; Invoice: 165258

Quality Control Batch: 10187492 **Analyst:** PCW

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Nitrite(as N)	1.06	mg/L	1.00	106.00	80.00-120.00

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
Nitrate(as N)	4.00	mg/L	4.00	97.78	80.00-120.00	0.0890
Nitrite(as N)	3.92	mg/L	4.00	98.11	80.00-120.00	-0.00443

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
Nitrate(as N)	3.99	mg/L	4.00	97.53	80.00-120.00	0.0890	0.25	20.00
Nitrite(as N)	3.90	mg/L	4.00	97.61	80.00-120.00	-0.00443	0.51	20.00

Quality Control Batch: 10187573 **Analyst:** CLS

Blank	**Result**	**Units**
Acetone	5.00U	ug/L
Acrylonitrile	0.300U	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
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

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PO #: 40612 Revised 1/10/12
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 14, 2011
Jan 5, 2012; Invoice: 165258

Quality Control Batch: 10187573 **Analyst:** CLS

Blank	**Result**	**Units**
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
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	0.500U	ug/L
1,2-dichloropropane	0.200U	ug/L
2-Butanone (MEK)	0.500U	ug/L
2-Hexanone	0.500U	ug/L
Surr:Bromofluorobenzene	30.4	ug/L
Surr:Toluene-d8	32.7	ug/L

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Tampa,FL 33607

PO #: 40612 Revised 1/10/12
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 14, 2011
Jan 5, 2012; Invoice: 165258

Quality Control Batch: 10187573 **Analyst:** CLS

Blank	**Result**	**Units**
Surr:1,2-Dichloroethane-d4	28.8	ug/L

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Acetone	7.68	ug/L	10.0	76.80	37.64-172.70
Acrylonitrile	9.78	ug/L	10.0	97.80	39.47-149.46
Benzene	9.89	ug/L	10.0	98.90	75.24-125.65
Bromochloromethane	9.89	ug/L	10.0	98.90	71.67-126.15
Bromodichloromethane	9.64	ug/L	10.0	96.40	74.61-125.27
Bromoform	9.20	ug/L	10.0	92.00	66.51-125.59
Bromomethane	10.6	ug/L	10.0	105.60	57.28-153.27
Carbon Disulfide	10.2	ug/L	10.0	102.40	81.01-141.09
Carbon Tetrachloride	9.40	ug/L	10.0	94.00	68.14-132.66
Chlorobenzene	9.86	ug/L	10.0	98.60	77.69-119.42
Chloroethane	9.62	ug/L	10.0	96.20	63.56-150.96
Chloroform	9.43	ug/L	10.0	94.30	67.64-138.63
Chloromethane	9.60	ug/L	10.0	96.00	55.12-156.31
cis-1,2-dichloroethene	8.05	ug/L	10.0	80.50	73.06-123.88
cis-1,3-Dichloropropene	10.1	ug/L	10.0	100.70	80.68-120.98
Dibromochloromethane	9.30	ug/L	10.0	93.00	65.65-126.41
Ethylbenzene	9.54	ug/L	10.0	95.40	70.93-123.57
Methyl Iodide	11.4	ug/L	10.0	113.90	54.93-164.95
Methyl isobutyl ketone	9.69	ug/L	10.0	96.90	37.93-142.74
Methylene chloride	9.73	ug/L	10.0	97.30	16.86-166.48
o-dichlorobenzene	9.49	ug/L	10.0	94.90	52.90-132.47
Para-dichlorobenzene	9.82	ug/L	10.0	98.20	50.96-133.39
Styrene	9.67	ug/L	10.0	96.70	71.72-114.32
Tetrachloroethene	10.1	ug/L	10.0	101.30	80.48-158.29
Toluene	9.96	ug/L	10.0	99.60	77.18-121.98
trans-1,2-dichloroethene	12.3	ug/L	10.0	122.70	68.03-139.74

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PO #: 40612 Revised 1/10/12
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 14, 2011
Jan 5, 2012; Invoice: 165258

Quality Control Batch: 10187573 **Analyst:** CLS

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
trans-1,3,-Dichloropropene	9.80	ug/L	10.0	98.00	69.60-126.28
Trichloroethene	10.3	ug/L	10.0	102.50	75.98-128.22
Trichlorofluoromethane	8.53	ug/L	10.0	85.30	44.32-160.41
Vinyl chloride	9.61	ug/L	10.0	96.10	62.38-148.09
Xylenes	29.1	ug/L	30.0	96.87	73.15-120.44
1,1,1,2-Tetrachloroethane	9.34	ug/L	10.0	93.40	65.75-129.14
1,1,1-Trichloroethane	9.40	ug/L	10.0	94.00	71.54-134.27
1,1,2,2-Tetrachloroethane	11.1	ug/L	10.0	111.20	70.58-134.42
1,1,2-Trichloroethane	9.69	ug/L	10.0	96.90	78.94-122.62
1,1-Dichloroethane	9.47	ug/L	10.0	94.70	64.33-137.81
1,1-Dichloroethene	9.19	ug/L	10.0	91.90	58.65-144.80
1,2-dichloroethane	9.64	ug/L	10.0	96.40	70.20-131.56
1,2-dichloropropane	9.69	ug/L	10.0	96.90	70.79-128.96
2-Butanone (MEK)	11.8	ug/L	10.0	117.50	58.73-168.19
2-Hexanone	8.88	ug/L	10.0	88.80	61.33-136.93
Surr:Bromofluorobenzene	30.2	ug/L	30.0	100.70	84.60-123.15
Surr:Toluene-d8	31.8	ug/L	30.0	106.13	80.00-120.00
Surr:1,2-Dichloroethane-d4	30.0	ug/L	30.0	99.93	85.08-128.29

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
Acetone	20.0	ug/L	20.0	100.00	40.10-159.52	5.00U
Acrylonitrile	23.9	ug/L	20.0	119.70	46.99-145.24	0.300U
Benzene	21.7	ug/L	20.0	108.70	61.27-139.58	0.500U
Bromochloromethane	21.5	ug/L	20.0	107.25	63.83-134.84	0.100U
Bromodichloromethane	24.0	ug/L	20.0	119.90	72.16-127.31	0.100U
Bromoform	22.7	ug/L	20.0	113.60	72.62-122.79	0.500U
Bromomethane	26.4	ug/L	20.0	132.05	39.13-160.98	0.500U
Carbon Tetrachloride	22.4	ug/L	20.0	111.75	62.14-139.48	0.500U
Chlorobenzene	22.3	ug/L	20.0	111.45	73.37-125.85	0.500U

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PO #: 40612 Revised 1/10/12
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 14, 2011
Jan 5, 2012; Invoice: 165258

Quality Control Batch: 10187573 **Analyst:** CLS

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
Chloroethane	22.8	ug/L	20.0	113.90	63.53-147.18	0.500U
Chloroform	21.5	ug/L	20.0	107.25	57.73-145.87	0.500U
Chloromethane	23.1	ug/L	20.0	115.65	53.83-155.48	0.500U
cis-1,2-dichloroethene	19.0	ug/L	20.0	95.05	67.74-134.67	0.200U
cis-1,3-Dichloropropene	24.0	ug/L	20.0	120.15	72.35-130.46	0.500U
Dibromochloromethane	24.1	ug/L	20.0	120.60	69.54-125.33	0.400U
Ethylbenzene	23.1	ug/L	20.0	115.65	68.03-130.86	0.500U
Methyl Iodide	33.7	ug/L	20.0	168.45	44.68-170.45	1.00U
Methyl isobutyl ketone	23.7	ug/L	20.0	118.55	45.04-143.51	1.00U
Methylene chloride	22.5	ug/L	20.0	112.30	29.60-161.21	1.00U
o-dichlorobenzene	22.3	ug/L	20.0	111.30	66.77-127.02	0.500U
Para-dichlorobenzene	22.7	ug/L	20.0	113.25	65.38-125.99	0.500U
Styrene	22.2	ug/L	20.0	110.75	70.76-118.37	0.500U
Tetrachloroethene	23.3	ug/L	20.0	116.45	67.64-171.93	0.500U
Toluene	24.1	ug/L	20.0	120.35	65.14-135.51	0.500U
trans-1,2-dichloroethene	28.5	ug/L	20.0	142.60	68.02-136.55	0.500U
trans-1,3,-Dichloropropene	23.2	ug/L	20.0	116.20	70.04-129.81	0.500U
Trichloroethene	24.2	ug/L	20.0	121.00	71.89-132.31	0.500U
Trichlorofluoromethane	24.0	ug/L	20.0	119.75	44.48-169.12	0.500U
Vinyl chloride	23.1	ug/L	20.0	115.55	58.87-147.20	0.500U
Xylenes	67.9	ug/L	60.0	113.08	60.84-135.66	1.00U
1,1,1,2-Tetrachloroethane	23.1	ug/L	20.0	115.45	62.33-135.40	0.500U
1,1,1-Trichloroethane	22.3	ug/L	20.0	111.50	65.25-139.87	0.500U
1,1,2,2-Tetrachloroethane	24.2	ug/L	20.0	120.75	66.18-136.57	0.100U
1,1,2-Trichloroethane	23.2	ug/L	20.0	115.95	74.00-129.28	0.500U
1,1-Dichloroethane	22.5	ug/L	20.0	112.45	60.45-145.88	0.500U
1,1-Dichloroethene	22.4	ug/L	20.0	112.05	48.95-154.90	0.500U
1,2-dichloroethane	21.8	ug/L	20.0	108.90	63.54-140.44	0.500U
1,2-dichloropropane	23.7	ug/L	20.0	118.55	69.00-134.27	0.200U

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PO #: 40612 Revised 1/10/12
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Date Sampled: Dec 14, 2011
Jan 5, 2012; Invoice: 165258

Quality Control Batch: 10187573 **Analyst:** CLS

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
2-Butanone (MEK)	20.1	ug/L	20.0	100.60	74.66-142.29	0.500U
2-Hexanone	22.6	ug/L	20.0	112.85	59.08-147.93	0.500U
Surr:Bromofluorobenzene	30.5	ug/L	30.0	101.70	50.75-155.35	
Surr:Toluene-d8	31.8	ug/L	30.0	106.03	90.53-109.14	
Surr:1,2-Dichloroethane-d4	28.6	ug/L	30.0	95.43	82.85-121.80	

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
Acetone	22.2	ug/L	20.0	110.90	40.10-159.52	5.00U	10.34	38.61
Acrylonitrile	23.7	ug/L	20.0	118.25	46.99-145.24	0.300U	1.22	36.26
Benzene	23.8	ug/L	20.0	118.85	61.27-139.58	0.500U	8.92	25.12
Bromochloromethane	23.7	ug/L	20.0	118.35	63.83-134.84	0.100U	9.84	26.51
Bromodichloromethane	24.8	ug/L	20.0	124.10	72.16-127.31	0.100U	3.44	25.17
Bromoform	23.0	ug/L	20.0	114.85	72.62-122.79	0.500U	1.09	29.13
Bromomethane	28.7	ug/L	20.0	143.45	39.13-160.98	0.500U	8.28	28.42
Carbon Tetrachloride	22.3	ug/L	20.0	111.25	62.14-139.48	0.500U	0.45	27.85
Chlorobenzene	22.9	ug/L	20.0	114.40	73.37-125.85	0.500U	2.61	27.33
Chloroethane	22.1	ug/L	20.0	110.70	63.53-147.18	0.500U	2.85	35.69
Chloroform	22.3	ug/L	20.0	111.60	57.73-145.87	0.500U	3.98	28.80
Chloromethane	21.9	ug/L	20.0	109.55	53.83-155.48	0.500U	5.42	29.46
cis-1,2-dichloroethene	18.8	ug/L	20.0	93.90	67.74-134.67	0.200U	1.22	28.79
cis-1,3-Dichloropropene	24.9	ug/L	20.0	124.60	72.35-130.46	0.500U	3.64	25.83
Dibromochloromethane	24.8	ug/L	20.0	124.15	69.54-125.33	0.400U	2.90	28.11
Ethylbenzene	24.3	ug/L	20.0	121.35	68.03-130.86	0.500U	4.81	25.52
Methyl Iodide	33.8	ug/L	20.0	168.85	44.68-170.45	1.00U	0.24	27.56
Methyl isobutyl ketone	24.9	ug/L	20.0	124.45	45.04-143.51	1.00U	4.86	22.66
Methylene chloride	21.7	ug/L	20.0	108.55	29.60-161.21	1.00U	3.40	33.74
o-dichlorobenzene	22.5	ug/L	20.0	112.55	66.77-127.02	0.500U	1.12	28.62
Para-dichlorobenzene	22.4	ug/L	20.0	112.10	65.38-125.99	0.500U	1.02	27.08
Styrene	22.1	ug/L	20.0	110.30	70.76-118.37	0.500U	0.41	28.56

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Quality Control Batch: 10187573 **Analyst:** CLS

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
Tetrachloroethene	23.8	ug/L	20.0	119.10	67.64-171.93	0.500U	2.25	32.62
Toluene	25.3	ug/L	20.0	126.65	65.14-135.51	0.500U	5.10	23.01
trans-1,2-dichloroethene	28.9	ug/L	20.0	144.40	68.02-136.55	0.500U	1.25	29.38
trans-1,3,-Dichloropropene	24.6	ug/L	20.0	123.20	70.04-129.81	0.500U	5.85	30.36
Trichloroethene	25.6	ug/L	20.0	127.90	71.89-132.31	0.500U	5.54	25.29
Trichlorofluoromethane	21.2	ug/L	20.0	105.75	44.48-169.12	0.500U	12.42	34.97
Vinyl chloride	23.2	ug/L	20.0	116.05	58.87-147.20	0.500U	0.43	27.28
Xylenes	72.3	ug/L	60.0	120.42	60.84-135.66	1.00U	6.28	24.37
1,1,1,2-Tetrachloroethane	23.6	ug/L	20.0	118.05	62.33-135.40	0.500U	2.23	29.26
1,1,1-Trichloroethane	22.8	ug/L	20.0	114.15	65.25-139.87	0.500U	2.35	28.50
1,1,2,2-Tetrachloroethane	25.4	ug/L	20.0	126.75	66.18-136.57	0.100U	4.85	30.72
1,1,2-Trichloroethane	24.0	ug/L	20.0	120.05	74.00-129.28	0.500U	3.47	27.63
1,1-Dichloroethane	22.2	ug/L	20.0	111.05	60.45-145.88	0.500U	1.25	28.39
1,1-Dichloroethene	23.0	ug/L	20.0	115.00	48.95-154.90	0.500U	2.60	29.91
1,2-dichloroethane	21.9	ug/L	20.0	109.35	63.54-140.44	0.500U	0.41	26.67
1,2-dichloropropane	24.9	ug/L	20.0	124.45	69.00-134.27	0.200U	4.86	28.05
2-Butanone (MEK)	20.8	ug/L	20.0	104.00	74.66-142.29	0.500U	3.32	44.82
2-Hexanone	23.4	ug/L	20.0	117.15	59.08-147.93	0.500U	3.74	36.47
Surr:Bromofluorobenzene	29.9	ug/L	30.0	99.63	50.75-155.35		2.05	19.49
Surr:Toluene-d8	33.6	ug/L	30.0	111.87	90.53-109.14		5.35	8.07
Surr:1,2-Dichloroethane-d4	29.5	ug/L	30.0	98.20	82.85-121.80		2.86	9.34

Quality Control Batch: 10187664 **Analyst:** PLB

Blank	**Result**	**Units**
TDS	2.50U	mg/L

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
TDS	1490	mg/L	1500	99.47	88.20-108.17

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Quality Control Batch: 10187803 **Analyst:** EVB

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
Vanadium	0.00100U	mg/L
Zinc	0.0100U	mg/L

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Antimony	0.187	mg/L	0.200	93.70	78.21-121.23
Arsenic	0.198	mg/L	0.200	98.85	77.97-118.12
Barium	0.211	mg/L	0.200	105.39	87.71-124.03
Beryllium	0.203	mg/L	0.200	101.25	86.54-129.99
Cadmium	0.201	mg/L	0.200	100.35	80.28-119.66
Chromium	0.215	mg/L	0.200	107.25	79.68-122.67
Cobalt	0.205	mg/L	0.200	102.72	75.47-125.43
Copper	0.198	mg/L	0.200	98.91	75.93-125.03
Lead	0.197	mg/L	0.200	98.57	84.18-120.50
Nickel	0.198	mg/L	0.200	98.88	77.04-123.91
Selenium	0.199	mg/L	0.200	99.35	73.74-123.68

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Quality Control Batch: 10187803 **Analyst:** EVB

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Silver	0.194	mg/L	0.200	96.85	78.31-122.44
Thallium	0.190	mg/L	0.200	94.97	82.56-123.13
Vanadium	0.214	mg/L	0.200	107.24	75.43-127.05
Zinc	0.193	mg/L	0.200	96.69	75.55-123.30

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
Antimony	0.181	mg/L	0.200	90.31	72.18-142.01	0.00200U
Arsenic	0.176	mg/L	0.200	87.18	76.02-142.56	0.00185
Barium	0.220	mg/L	0.200	100.24	67.36-158.64	0.0191
Beryllium	0.178	mg/L	0.200	89.04	91.18-152.89	0.000500U
Cadmium	0.177	mg/L	0.200	88.51	77.92-136.42	0.00100U
Chromium	0.206	mg/L	0.200	102.21	72.27-142.06	0.00171
Cobalt	0.192	mg/L	0.200	95.81	69.22-139.08	0.00100U
Copper	0.187	mg/L	0.200	85.31	49.37-149.77	0.0160
Lead	0.185	mg/L	0.200	92.61	65.56-145.73	0.00100U
Nickel	0.182	mg/L	0.200	89.99	65.47-134.19	0.00197
Selenium	0.159	mg/L	0.200	78.44	57.06-150.58	0.00233
Silver	0.146	mg/L	0.200	72.42	49.80-146.63	0.000800
Thallium	0.181	mg/L	0.200	90.26	62.20-153.09	0.00100U
Vanadium	0.208	mg/L	0.200	102.85	71.20-143.90	0.00254
Zinc	0.153	mg/L	0.200	76.60	40.77-155.82	0.0100U

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
Antimony	0.184	mg/L	0.200	91.89	72.18-142.01	0.00200U	1.75	26.68
Arsenic	0.178	mg/L	0.200	87.83	76.02-142.56	0.00185	0.74	22.42
Barium	0.225	mg/L	0.200	102.75	67.36-158.64	0.0191	2.27	35.38
Beryllium	0.173	mg/L	0.200	86.26	91.18-152.89	0.000500U	3.17	24.78
Cadmium	0.179	mg/L	0.200	89.71	77.92-136.42	0.00100U	1.34	21.10
Chromium	0.208	mg/L	0.200	102.95	72.27-142.06	0.00171	0.71	21.22

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PO #: 40612 Revised 1/10/12
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 14, 2011
Jan 5, 2012; Invoice: 165258

Quality Control Batch: 10187803 **Analyst:** EVB

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
Cobalt	0.198	mg/L	0.200	98.92	69.22-139.08	0.00100U	3.19	28.10
Copper	0.189	mg/L	0.200	86.58	49.37-149.77	0.0160	1.35	28.99
Lead	0.193	mg/L	0.200	96.41	65.56-145.73	0.00100U	4.03	26.53
Nickel	0.185	mg/L	0.200	91.76	65.47-134.19	0.00197	1.93	30.10
Selenium	0.162	mg/L	0.200	80.04	57.06-150.58	0.00233	1.99	25.49
Silver	0.150	mg/L	0.200	74.72	49.80-146.63	0.000800	3.11	37.01
Thallium	0.182	mg/L	0.200	90.94	62.20-153.09	0.00100U	0.75	24.80
Vanadium	0.215	mg/L	0.200	106.47	71.20-143.90	0.00254	3.42	28.47
Zinc	0.160	mg/L	0.200	80.21	40.77-155.82	0.0100U	4.60	28.40

Quality Control Batch: 10187806 **Analyst:** EVB

Blank	**Result**	**Units**
Aluminum	0.0100U	mg/L

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Aluminum	0.192	mg/L	0.200	95.75	80.82-120.54

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
Aluminum	0.268	mg/L	0.200	98.78	38.39-145.93	0.0705

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
Aluminum	0.267	mg/L	0.200	98.44	38.39-145.93	0.0705	0.25	37.49

Quality Control Batch: 10187897 **Analyst:** EVB

Blank	**Result**	**Units**
Iron	0.0100U	mg/L

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Iron	10.1	mg/L	10.0	100.80	84.93-112.47

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PO #: 40612 Revised 1/10/12
Client Project #: HARDEE COUNTY REGIONAL LAN
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Jan 5, 2012; Invoice: 165258

Quality Control Batch: 10187897 **Analyst:** EVB

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**		
Iron	8.64	mg/L	10.0	85.59	62.28-142.55	0.0778		
Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
Iron	10.4	mg/L	10.0	103.38	62.28-142.55	0.0778	18.67	22.46

Quality Control Batch: 10187902 **Analyst:** EVB

Blank	**Result**	**Units**
Total Hardness (as CaCO3)	0.100U	mg/L

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Total Hardness (as CaCO3)	66.0	mg/L	66.2	99.80	82.68-113.41

Quality Control Batch: 10187927 **Analyst:** TRB

Blank	**Result**	**Units**
Fecal Coliform	1.00U	cfu/100mL

Quality Control Batch: 10187931 **Analyst:** PCW

Blank	**Result**	**Units**
Phenolics	0.00500U	mg/L

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Phenolics	0.187	mg/L	0.200	93.50	70.16-129.24

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
Phenolics	0.174	mg/L	0.200	89.43	55.65-135.15	-0.00487

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**

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PO #: 40612 Revised 1/10/12
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 14, 2011
Jan 5, 2012; Invoice: 165258

Quality Control Batch: 10187931 **Analyst:** PCW

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
Phenolics	0.176	mg/L	0.200	90.43	55.65-135.15	-0.00487	1.14	32.89

Quality Control Batch: 10188075 **Analyst:** DLJ

Blank	**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	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
1,2,3-Trichloropropane	0.723	ug/L	0.750	96.40	80.00-120.00
1,2-Dibromoethane (EDB)	0.798	ug/L	0.750	106.36	71.37-128.24
1,2-dibromo-3-chloropropane	0.758	ug/L	0.750	101.07	56.44-144.91

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
1,2,3-Trichloropropane	0.604	ug/L	0.750	80.47	80.00-120.00	0.0200U
1,2-Dibromoethane (EDB)	0.712	ug/L	0.750	94.95	68.22-125.80	0.0100U
1,2-dibromo-3-chloropropane	0.620	ug/L	0.750	82.65	60.03-124.62	0.0200U

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
1,2,3-Trichloropropane	0.608	ug/L	0.750	81.11	80.00-120.00	0.0200U	0.79	20.00
1,2-Dibromoethane (EDB)	0.696	ug/L	0.750	92.79	68.22-125.80	0.0100U	2.30	16.28
1,2-dibromo-3-chloropropane	0.621	ug/L	0.750	82.73	60.03-124.62	0.0200U	0.10	10.23

Quality Control Batch: 10188084 **Analyst:** PCW

Blank	**Result**	**Units**
TOC	1.00U	mg/L

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
TOC	9.65	mg/L	10.0	96.49	80.00-120.00

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PO #: 40612 Revised 1/10/12
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 14, 2011
Jan 5, 2012; Invoice: 165258

Quality Control Batch: 10188084 **Analyst:** PCW

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
TOC	24.7	mg/L	10.0	72.63	47.04-140.20	17.4

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
TOC	25.7	mg/L	10.0	83.44	47.04-140.20	17.4	4.29	20.00

Quality Control Batch: 10188147 **Analyst:** PCW

Blank	**Result**	**Units**
Ammonia (as N)	0.0100U	mg/L

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Ammonia (as N)	0.492	mg/L	0.500	98.40	81.98-117.44

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
Ammonia (as N)	0.756	mg/L	0.780	94.13	48.79-135.13	0.0218

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
Ammonia (as N)	0.735	mg/L	0.780	91.44	48.79-135.13	0.0218	2.82	14.25

Quality Control Batch: 10188370 **Analyst:** TRB

Blank	**Result**	**Units**
Chlorophyll a	1.00U	mg/m3

Quality Control Batch: 10188777 **Analyst:** EVB

Blank	**Result**	**Units**
Mercury	0.0000200U	mg/L

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**

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Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 14, 2011
Jan 5, 2012; Invoice: 165258

Quality Control Batch: 10188777 **Analyst:** EVB

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Mercury	0.00101	mg/L	0.00100	100.70	93.80-109.78

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
Mercury	0.00331	mg/L	0.00300	110.23	90.41-113.04	0.0000200U

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
Mercury	0.00332	mg/L	0.00300	110.80	90.41-113.04	0.0000200U	0.51	6.58

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PO #: 40612 Revised 1/10/12
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 14, 2011
Jan 5, 2012; Invoice: 165258

Narrative Report

Sample Handling
Sample handling and holding time criteria were met for all samples. Samples collected by FCL. 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.

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

Additional Comments
This report was revised 1/10/12 to add the TDS analysis, performed passed the holding time. Due to lab error, the BOD and TSS were not tested.

Attachments
Chain of Custody
Field Data

Qualifier	Meaning
U	Compound was analyzed for but not detected.
J	One or more QC samples associated with this data value exceeded QC limits.
J1	Surrogate recovery limits have been exceeded.
J2	No known quality control criteria exist for the component.
J3	Reported value failed to meet established quality control criteria for either precision or accuracy.
J4	Sample matrix interfered with the ability to make an accurate determination on the spiked sample.
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.
ZTNTC	Too numerous to count. Numeric value represents filtration volume.
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
Project Name: Hardee County Landfill SW
P.O. #:
Address:
Client Contact:
FAX:
FCL Project Manager:
E-MAIL:
Phone:
Requested Due Date 10 Day Standard OR
Rush Charges May Apply
Sampled By (PRINT): Robert Carpenter FCL
Pick-Up Fee $
Vehicle Surcharge $
Sampling Fee $
Sampler Signature: Robert Carpenter
Date Sampled: 12/14/11

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_2SO_4	HNO_3	HCl	$Na_2S_2O_3$		ANALYSES REQUEST: Ag, As, Metals, Alk, Hardness	TOC	Fecal	NH3 Re-INTRECOD	Cl-A	Appl-6260	EPA 8011	COMMENTS	Total # Containers
1	SW-2	12/14/11	12:00	SW	165258SW1							✓	✓	✓	✓	✓	✓	✓	✓	<6°C pH<2	
2	Trip	✓	0500	DI	165258SW2												✓				
3																					
4																					
5																					
6																					
7	Field Data	pH	Temp	DO mg/L	Cond us		T/B													
8	SW-2	6.61	23.9°C	4.12	255		5.4													
9																				
10																				

Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
						Robert Carpenter	12/14/11	14:52			
										12/15/11	0632

FINANCE CHARGES APPLIED TO PAST DUE INVOICES

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PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 14, 2011
Dec 29, 2011; Invoice: 165315

Report Summary

Date Received: Dec 14, 2011

FCL Project Manager: June S. Flowers

Laboratory #	Sample Description	Analysis	Chemist	Location	SampleMatrix
165315GW1	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	
		SM2320 B	MAC	Main Lab	
		SM2540 C	PLB	Main Lab	
		SM4500-Cl E	VLB	Main Lab	
		SM4500-S F	TRB	Main Lab	
		SM4500CN-E	PCW	Main Lab	
		X8081	CDG	Main Lab	
		X8141	CDG	Main Lab	
		X8151	LKP	Main Lab	
		X8270	CDG	Main Lab	
		XPCB	CDG	Main Lab	
165315GW2	Trip blank	EPA8260	CLS	Main Lab	Ground Water

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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PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 14, 2011
Dec 29, 2011; Invoice: 165315

Analysis Report

Lab #: 165315GW1 **Sampled:** 12/14/11 11:00 AM **Desc:** MANHOLE 9/21061

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Chlor_Herb_Extraction	40.0	mL	1.00			10187529	X8151		12/15/11	
Nitrate(as N)	0.0404	mg/L	1.00	0.0100	0.0200	10187541	EPA353.2	14797-55-8	12/15/11	02:33 PM
Cyanide	0.00500 U	mg/L	1.00	0.00500	0.0100	10187549	SM4500CN-E	57-12-5	12/15/11	
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	630-20-6	12/15/11	
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	71-55-6	12/15/11	
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10187576	EPA8260	79-34-5	12/15/11	
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	79-00-5	12/15/11	
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	75-34-3	12/15/11	
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	75-35-4	12/15/11	
1,1-Dichloropropene	0.200 U	ug/L	1.00	0.200	0.400	10187576	EPA8260	563-58-6	12/15/11	
1,2,4-trichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	120-82-1	12/15/11	
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	107-06-2	12/15/11	
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10187576	EPA8260	78-87-5	12/15/11	
1,3-Dichloropropane	0.300 U	ug/L	1.00	0.300	0.600	10187576	EPA8260	142-28-9	12/15/11	
2,2-Dichloropropane	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	594-20-7	12/15/11	
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	78-93-3	12/15/11	
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	591-78-6	12/15/11	
Acetone	8.55 I	ug/L	1.00	5.00	10.0	10187576	EPA8260	67-64-1	12/15/11	
Acetonitrile	1.00 U	ug/L	1.00	1.00	2.00	10187576	EPA8260	75-05-8	12/15/11	
Acrolein	3.50 U	ug/L	1.00	3.50	7.00	10187576	EPA8260	107-02-8	12/15/11	
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10187576	EPA8260	107-13-1	12/15/11	
Allyl Chloride	1.00 U	ug/L	1.00	1.00	2.00	10187576	EPA8260	107-05-1	12/15/11	
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	71-43-2	12/15/11	
Bromochloromethane	0.100 U	ug/L	1.00	0.100	1.00	10187576	EPA8260	074-97-5	12/15/11	
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10187576	EPA8260	75-27-4	12/15/11	
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	75-25-2	12/15/11	
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	74-83-9	12/15/11	

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 14, 2011
Dec 29, 2011; Invoice: 165315

Lab #: 165315GW1 **Sampled:** 12/14/11 11:00 AM **Desc:** MANHOLE 9/21061

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10187576	EPA8260	75-15-0	12/15/11
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	56-23-5	12/15/11
Chlorobenzene	2.35	ug/L	1.00	0.500	1.00	10187576	EPA8260	108-90-7	12/15/11
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	75-00-3	12/15/11
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	67-66-3	12/15/11
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	74-87-3	12/15/11
Chloroprene	5.00 U	ug/L	1.00	5.00	10.0	10187576	EPA8260	126-99-8	12/15/11
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10187576	EPA8260	124-48-1	12/15/11
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	074-95-3	12/15/11
Dichlorodifluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	75-71-8	12/15/11
Ethyl methacrylate	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	97-63-2	12/15/11
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	100-41-4	12/15/11
Iso-butyl Alcohol	1.00 U	ug/L	1.00	1.00	2.00	10187576	EPA8260	78-83-1	12/15/11
Methacrylonitrile	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	126-98-7	12/15/11
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10187576	EPA8260	074-88-4	12/15/11
Methyl Methacrylate	2.00 U	ug/L	1.00	2.00	4.00	10187576	EPA8260	80-62-6	12/15/11
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10187576	EPA8260	108-10-1	12/15/11
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10187576	EPA8260	75-09-2	12/15/11
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	106-46-7	12/15/11
Propionitrile	1.00 U	ug/L	1.00	1.00	2.00	10187576	EPA8260	107-12-0	12/15/11
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	100-42-5	12/15/11
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	127-18-4	12/15/11
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	108-88-3	12/15/11
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	79-01-6	12/15/11
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	75-69-4	12/15/11
Vinyl Acetate	5.00 U	ug/L	1.00	5.00	10.0	10187576	EPA8260	108-05-4	12/15/11
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	75-01-4	12/15/11
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10187576	EPA8260	1330-20-7	12/15/11
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10187576	EPA8260	156-59-2	12/15/11

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4030 W. Boy Scout Blvd, Ste 700
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PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 14, 2011
Dec 29, 2011; Invoice: 165315

Lab #: 165315GW1 **Sampled:** 12/14/11 11:00 AM **Desc:** MANHOLE 9/21061

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	10061-01-5	12/15/11
m-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	541-73-1	12/15/11
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	95-50-1	12/15/11
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	156-60-5	12/15/11
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	10061-02-6	12/15/11
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10187576	EPA8260	110-57-6	12/15/11
Surr:1,2-Dichloroethane-d4 (77-129%)	101.53%		1.00	0.0100	0.0100	10187576	EPA8260		12/15/11
Surr:Bromofluorobenzene (82-122%)	102.23%		1.00	1.00	1.00	10187576	EPA8260	460-00-4	12/15/11
Surr:Toluene-d8 (80-120%)	109.03%		1.00	0.0100	0.0100	10187576	EPA8260		12/15/11
TDS	840	mg/L	1.00	2.50	5.00	10187664	SM2540 C	10-33-3	12/16/11
Chloride	192	mg/L	5.00	20.0	40.0	10187683	SM4500-Cl E	16887-00-6	12/17/11
Total Alkalinity CaCO3	463	mg/L	1.00	0.100	0.200	10187754	SM2320 B	T-005	12/19/11
Field pH (units)	6.19	pH	1.00	0.0100	0.0200	10187796	FT1100	C006	12/14/11
Field Conductivity	1490	umhos/cm	1.00	0.100	0.100	10187796	FT1200		12/14/11
Field Temp. (C)	24.9	oC	1.00	0.100	0.100	10187796	FT1400		12/14/11
Phos_Pest_Extraction	1000	mL	1.00			10187864	X8141		12/19/11
Iron	29.3	mg/L	1.00	0.0100	0.0200	10187909	EPA6010	7439-89-6	12/20/11
Sodium	121	mg/L	1.00	0.500	1.00	10187909	EPA6010	7440-23-5	12/20/11
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10187923	EPA7470	7439-97-6	12/21/11
PCB_Extraction	1000	mL	1.00			10187956	XPCB		12/20/11
Chlor_Pest_Extraction	1000	mL	1.00			10187963	X8081		12/20/11
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10188010	EPA6020	7440-36-0	12/21/11
Arsenic	0.00161 I	mg/L	1.00	0.00100	0.00200	10188010	EPA6020	7440-38-2	12/21/11
Barium	0.0368	mg/L	1.00	0.00200	0.00400	10188010	EPA6020	7440-39-3	12/21/11
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10188010	EPA6020	7440-41-7	12/21/11
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10188010	EPA6020	7440-43-9	12/21/11
Chromium	0.00773	mg/L	1.00	0.00100	0.00200	10188010	EPA6020	7440-47-3	12/21/11
Cobalt	0.00333	mg/L	1.00	0.00100	0.00200	10188010	EPA6020	7440-48-4	12/21/11
Copper	0.00100 U	mg/L	1.00	0.00100	0.00200	10188010	EPA6020	7440-50-8	12/21/11

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PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
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Lab #: 165315GW1 **Sampled:** 12/14/11 11:00 AM **Desc:** MANHOLE 9/21061

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Lead	0.00101 I	mg/L	1.00	0.00100	0.00200	10188010	EPA6020	7439-92-1	12/21/11
Nickel	0.0172	mg/L	1.00	0.00100	0.00200	10188010	EPA6020	7440-02-0	12/21/11
Selenium	0.0118	mg/L	1.00	0.00200	0.00400	10188010	EPA6020	7782-49-2	12/21/11
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10188010	EPA6020	7440-22-4	12/21/11
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10188010	EPA6020	7440-28-0	12/21/11
Tin	0.00500 U	mg/L	1.00	0.00500	0.0100	10188010	EPA6020	7440-31-5	12/21/11
Vanadium	0.0118	mg/L	1.00	0.00100	0.00200	10188010	EPA6020	7440-62-2	12/21/11
Zinc	0.0100 U	mg/L	1.00	0.0100	0.0200	10188010	EPA6020	7440-66-6	12/21/11
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10188075	EPA8011	096-18-4	12/22/11
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10188075	EPA8011	106-93-4	12/22/11
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10188075	EPA8011	96-12-8	12/22/11
2,4,5-T	0.250 U	ug/L	1.00	0.250	0.500	10188101	EPA8151	93-76-5	12/15/11
2,4,5-TP (Silvex)	0.250 U	ug/L	1.00	0.250	0.500	10188101	EPA8151	93-72-1	12/15/11
2,4-D	0.250 U	ug/L	1.00	0.250	0.500	10188101	EPA8151	94-75-7	12/15/11
Dinoseb	0.250 U	ug/L	1.00	0.250	0.500	10188101	EPA8151	88-85-7	12/15/11
4,4'-DDD	0.0200 U	ug/L	1.00	0.0200	0.0400	10188134	EPA8081	72-54-8	12/22/11
4,4'-DDE	0.0200 U	ug/L	1.00	0.0200	0.0400	10188134	EPA8081	72-55-9	12/22/11
4,4'-DDT	0.0200 U	ug/L	1.00	0.0200	0.0400	10188134	EPA8081	50-29-3	12/22/11
Aldrin	0.0200 U	ug/L	1.00	0.0200	0.0200	10188134	EPA8081	309-00-2	12/22/11
Chlordane	0.0100 U	ug/L	1.00	0.0100	0.0200	10188134	EPA8081	57-74-9	12/22/11
Dieldrin	0.0200 U	ug/L	1.00	0.0200	0.0400	10188134	EPA8081	60-57-1	12/22/11
Endosulfan_I	0.0100 U	ug/L	1.00	0.0100	0.0200	10188134	EPA8081	959-98-8	12/22/11
Endosulfan_II	0.0100 U	ug/L	1.00	0.0100	0.0200	10188134	EPA8081	33213-65-9	12/22/11
Endosulfan_sulfate	0.0200 U	ug/L	1.00	0.0200	0.0400	10188134	EPA8081	1031-07-8	12/22/11
Endrin	0.0100 U	ug/L	1.00	0.0100	0.0200	10188134	EPA8081	72-20-8	12/22/11
Endrin_Aldehyde	0.0200 U	ug/L	1.00	0.0200	0.0400	10188134	EPA8081	7421-93-4	12/22/11
Heptachlor	0.0100 U	ug/L	1.00	0.0100	0.0200	10188134	EPA8081	76-44-8	12/22/11
Heptachlor epoxide	0.0100 U	ug/L	1.00	0.0100	0.0200	10188134	EPA8081	1024-57-3	12/22/11
Lindane (g-BHC)	0.0100 U	ug/L	1.00	0.0100	0.0200	10188134	EPA8081	58-89-9	12/22/11

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Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Methoxychlor	0.0100 U	ug/L	1.00	0.0100	0.0200	10188134	EPA8081	72-43-5	12/22/11
Toxaphene	0.500 U	ug/L	1.00	0.500	1.00	10188134	EPA8081	8001-35-2	12/22/11
a-BHC	0.0200 U	ug/L	1.00	0.0200	0.0200	10188134	EPA8081	319-84-6	12/22/11
b-BHC	0.0100 U	ug/L	1.00	0.0100	0.0200	10188134	EPA8081	319-85-7	12/22/11
d-BHC	0.0100 U	ug/L	1.00	0.0100	0.0200	10188134	EPA8081	319-86-8	12/22/11
Surr:Decachlorobiphenyl (26-128%)	94.25%		1.00	0.000100	0.000200	10188134	EPA8081		12/22/11
Ammonia (as N)	43.0	mg/L	100	1.00	2.00	10188147	EPA350.1	7664-41-7	12/23/11
Disulfoton	0.300 U	ug/L	1.00	0.300	2.00	10188171	EPA8141	298-04-4	12/22/11
Ethyl Parathion	0.500 U	ug/L	1.00	0.500	1.00	10188171	EPA8141	56382	12/22/11
Methyl Parathion	0.500 U	ug/L	1.00	0.500	1.00	10188171	EPA8141	298-00-0	12/22/11
Phorate	1.00 U	ug/L	1.00	1.00	2.00	10188171	EPA8141	298-02-2	12/22/11
Arochlor 1016	0.100 U	ug/L	1.00	0.100	0.200	10188210	EPA8082	12674-11-2	12/22/11
Arochlor 1221	0.100 U	ug/L	1.00	0.100	0.200	10188210	EPA8082	11104-28-2	12/22/11
Arochlor 1232	0.100 U	ug/L	1.00	0.100	0.200	10188210	EPA8082	11141-16-5	12/22/11
Arochlor 1242	0.100 U	ug/L	1.00	0.100	0.200	10188210	EPA8082	53469-21-9	12/22/11
Arochlor 1248	0.100 U	ug/L	1.00	0.100	0.200	10188210	EPA8082	12672-29-6	12/22/11
Arochlor 1254	0.100 U	ug/L	1.00	0.100	0.200	10188210	EPA8082	11097-69-1	12/22/11
Arochlor 1260	0.100 U	ug/L	1.00	0.100	0.200	10188210	EPA8082	11096-82-5	12/22/11
Acid Base Extraction	1000	mL	1.00			10188222	X8270		12/21/11
1,2,4,5-Tetrachlorobenzene	2.00 U	ug/L	1.00	2.00	4.00	10188567	EPA8270	95-94-3	12/28/11
1,4-Naphthoquinone	10.0 U	ug/L	1.00	10.0	20.0	10188567	EPA8270	130-15-4	12/28/11
1-Napthalamine	10.0 U	ug/L	1.00	10.0	20.0	10188567	EPA8270	134-32-7	12/28/11
2,3,4,6-Tetrachlorophenol	2.00 U	ug/L	1.00	2.00	4.00	10188567	EPA8270	58-90-2	12/28/11
2,4,5-Trichlorophenol	1.00 U	ug/L	1.00	1.00	4.00	10188567	EPA8270	95-95-4	12/28/11
2,4,6-Trichlorophenol	2.00 U	ug/L	1.00	2.00	4.00	10188567	EPA8270	88-06-2	12/28/11
2,4-Dichlorophenol	1.00 U	ug/L	1.00	1.00	4.00	10188567	EPA8270	120-83-2	12/28/11
2,4-Dimethylphenol	2.00 U	ug/L	1.00	2.00	4.00	10188567	EPA8270	105-67-9	12/28/11
2,4-Dinitrophenol	5.00 U	ug/L	1.00	5.00	10.0	10188567	EPA8270	51-28-5	12/28/11
2,4-Dinitrotoluene	0.200 U	ug/L	1.00	0.200	0.400	10188567	EPA8270	121-14-2	12/28/11

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3980 Overseas Hwy Suite 103, Marathon FL 33050 Phone: 305-743-8598 / Fax: 305-743-8598 E35834 (Keys Lab)

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 14, 2011
Dec 29, 2011; Invoice: 165315

Lab #: 165315GW1 **Sampled:** 12/14/11 11:00 AM **Desc:** MANHOLE 9/21061

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
2,6-Dichlorophenol	1.00 U	ug/L	1.00	1.00	4.00	10188567	EPA8270	87-65-0	12/28/11
2,6-Dinitrotoluene	2.00 U	ug/L	1.00	2.00	4.00	10188567	EPA8270	606-20-2	12/28/11
2-Acetylaminofluorene	10.0 U	ug/L	1.00	10.0	20.0	10188567	EPA8270	53-96-3	12/28/11
2-Chloronapthalene	2.00 U	ug/L	1.00	2.00	4.00	10188567	EPA8270	91-58-7	12/28/11
2-Naphthylamine	2.00 U	ug/L	1.00	2.00	4.00	10188567	EPA8270	91-59-8	12/28/11
2-Nitrophenol	2.00 U	ug/L	1.00	2.00	4.00	10188567	EPA8270	88-75-5	12/28/11
2-chlorophenol	2.00 U	ug/L	1.00	2.00	4.00	10188567	EPA8270	95-57-8	12/28/11
2-methyl-4,6-dinitrophenol	2.00 U	ug/L	1.00	2.00	4.00	10188567	EPA8270	534-52-1	12/28/11
2-methyl-Naphthalene	2.00 U	ug/L	1.00	2.00	4.00	10188567	EPA8270	91-57-6	12/28/11
3,3'-Dichlorobenzidene	2.00 U	ug/L	1.00	2.00	4.00	10188567	EPA8270	91-94-1	12/28/11
3,3'-Dimethylbenzidine	2.00 U	ug/L	1.00	2.00	4.00	10188567	EPA8270	119-93-7	12/28/11
3-Methylcholanthrene	10.0 U	ug/L	1.00	10.0	20.0	10188567	EPA8270	56-49-5	12/28/11
4-Aminobiphenyl	10.0 U	ug/L	1.00	10.0	20.0	10188567	EPA8270	92-67-1	12/28/11
4-Bromophenylphenyl ether	2.00 U	ug/L	1.00	2.00	4.00	10188567	EPA8270	101-55-3	12/28/11
4-Chlorophenylphenyl ether	2.00 U	ug/L	1.00	2.00	4.00	10188567	EPA8270	7005-72-3	12/28/11
4-Nitrophenol	2.00 U	ug/L	1.00	2.00	4.00	10188567	EPA8270	100-02-7	12/28/11
5-Nitro-o-toluidine	2.00 U	ug/L	1.00	2.00	4.00	10188567	EPA8270	99-55-8	12/28/11
7,12-Dimethylbenz(a)anthracene	10.0 U	ug/L	1.00	10.0	20.0	10188567	EPA8270	57-97-6	12/28/11
Acenaphthene	2.00 U	ug/L	1.00	2.00	4.00	10188567	EPA8270	83-32-9	12/28/11
Acenaphthylene	2.00 U	ug/L	1.00	2.00	4.00	10188567	EPA8270	208-96-8	12/28/11
Acetophenone	10.0 U	ug/L	1.00	10.0	20.0	10188567	EPA8270	98-86-2	12/28/11
Anthracene	2.00 U	ug/L	1.00	2.00	4.00	10188567	EPA8270	120-12-7	12/28/11
Benzo(a)anthracene	0.200 U	ug/L	1.00	0.200	0.400	10188567	EPA8270	56-55-3	12/28/11
Benzo(a)pyrene	1.00 U	ug/L	1.00	1.00	4.00	10188567	EPA8270	50-32-8	12/28/11
Benzo(b)fluoranthene	0.100 U	ug/L	1.00	0.100	0.200	10188567	EPA8270	205-99-2	12/28/11
Benzo(g,h,i)perylene	2.00 U	ug/L	1.00	2.00	4.00	10188567	EPA8270	191-24-2	12/28/11
Benzo(k)fluoranthene	1.00 U	ug/L	1.00	1.00	4.00	10188567	EPA8270	207-08-9	12/28/11
Benzyl alcohol	5.00 U	ug/L	1.00	5.00	10.0	10188567	EPA8270	100-51-6	12/28/11
Bis(2-chloroethoxy)methane	2.00 U	ug/L	1.00	2.00	4.00	10188567	EPA8270	111-91-1	12/28/11

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PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 14, 2011
Dec 29, 2011; Invoice: 165315

Lab #: 165315GW1 **Sampled:** 12/14/11 11:00 AM **Desc:** MANHOLE 9/21061

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Bis(2-chloroethyl)ether	2.00 U	ug/L	1.00	2.00	4.00	10188567	EPA8270	111-44-4	12/28/11
Bis(2-ethylhexyl)phthalate	3.00 U	ug/L	1.00	3.00	6.00	10188567	EPA8270	117-81-7	12/28/11
Butyl benzyl phthalate	3.00 U	ug/L	1.00	3.00	6.00	10188567	EPA8270	85-68-7	12/28/11
Chlorobenzilate	0.800 U	ug/L	1.00	0.800	1.60	10188567	EPA8270	510-15-6	12/28/11
Chrysene	2.00 U	ug/L	1.00	2.00	4.00	10188567	EPA8270	218-01-9	12/28/11
Di-n-butylphthalate	3.00 U	ug/L	1.00	3.00	6.00	10188567	EPA8270	84-74-2	12/28/11
Di-n-octylphthalate	3.00 U	ug/L	1.00	3.00	6.00	10188567	EPA8270	117-84-0	12/28/11
Diallate	2.00 U	ug/L	1.00	2.00	4.00	10188567	EPA8270	2303-16-4	12/28/11
Dibenz(a,h)anthracene	0.200 U	ug/L	1.00	0.200	0.400	10188567	EPA8270	53-70-3	12/28/11
Dibenzofuran	5.00 U	ug/L	1.00	5.00	10.0	10188567	EPA8270	132-64-9	12/28/11
Diethylphthalate	3.00 U	ug/L	1.00	3.00	6.00	10188567	EPA8270	84-66-2	12/28/11
Dimethoate	2.00 U	ug/L	1.00	2.00	4.00	10188567	EPA8270	60-51-5	12/28/11
Dimethylphthalate	3.00 U	ug/L	1.00	3.00	6.00	10188567	EPA8270	131-11-3	12/28/11
Diphenylamine	10.0 U	ug/L	1.00	10.0	20.0	10188567	EPA8270	122-39-4	12/28/11
Ethyl methanesulfonate	20.0 U	ug/L	1.00	20.0	40.0	10188567	EPA8270	62-50-0	12/28/11
Famphur	2.00 U	ug/L	1.00	2.00	4.00	10188567	EPA8270	52-85-7	12/28/11
Fluoranthene	2.00 U	ug/L	1.00	2.00	4.00	10188567	EPA8270	206-44-0	12/28/11
Fluorene	2.00 U	ug/L	1.00	2.00	4.00	10188567	EPA8270	86-73-7	12/28/11
Hexachlorobenzene	1.00 U	ug/L	1.00	1.00	4.00	10188567	EPA8270	118-74-1	12/28/11
Hexachlorobutadiene	2.00 U	ug/L	1.00	2.00	4.00	10188567	EPA8270	87-68-3	12/28/11
Hexachlorocyclopentadiene	2.00 U	ug/L	1.00	2.00	4.00	10188567	EPA8270	77-47-4	12/28/11
Hexachloroethane	2.00 U	ug/L	1.00	2.00	4.00	10188567	EPA8270	67-72-1	12/28/11
Hexachloropropene	10.0 U	ug/L	1.00	10.0	20.0	10188567	EPA8270	1888-71-7	12/28/11
Indeno(1,2,3-cd)pyrene	0.200 U	ug/L	1.00	0.200	0.400	10188567	EPA8270	193-39-5	12/28/11
Isodrin	20.0 U	ug/L	1.00	20.0	40.0	10188567	EPA8270	465-73-6	12/28/11
Isophorone	2.00 U	ug/L	1.00	2.00	4.00	10188567	EPA8270	78-59-1	12/28/11
Isosafrole	10.0 U	ug/L	1.00	10.0	20.0	10188567	EPA8270	120-58-1	12/28/11
Kepone	2.00 U	ug/L	1.00	2.00	4.00	10188567	EPA8270	143-50-0	12/28/11
Methapyrilene	20.0 U	ug/L	1.00	20.0	40.0	10188567	EPA8270	91-80-5	12/28/11

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PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 14, 2011
Dec 29, 2011; Invoice: 165315

Lab #: 165315GW1 **Sampled:** 12/14/11 11:00 AM **Desc:** MANHOLE 9/21061

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Methyl methanesulfonate	10.0 U	ug/L	1.00	10.0	20.0	10188567	EPA8270	66-27-3	12/28/11
N-Nitroso di-n-butylamine	2.00 U	ug/L	1.00	2.00	4.00	10188567	EPA8270	924-16-3	12/28/11
N-Nitrosodi-n-propylamine	2.00 U	ug/L	1.00	2.00	4.00	10188567	EPA8270	621-64-7	12/28/11
N-Nitrosodiethylamine	3.00 U	ug/L	1.00	3.00	12.0	10188567	EPA8270	55-18-5	12/28/11
N-Nitrosodimethylamine	3.00 U	ug/L	1.00	3.00	12.0	10188567	EPA8270	62-75-9	12/28/11
N-Nitrosodiphenylamine	2.00 U	ug/L	1.00	2.00	4.00	10188567	EPA8270	86-30-6	12/28/11
N-Nitrosomethylethylamine	2.00 U	ug/L	1.00	2.00	4.00	10188567	EPA8270	10595-95-6	12/28/11
N-Nitrosopiperidine	10.0 U	ug/L	1.00	10.0	20.0	10188567	EPA8270	100-75-4	12/28/11
N-Nitrosopyrrolidine	2.00 U	ug/L	1.00	2.00	4.00	10188567	EPA8270	930-55-2	12/28/11
Naphthalene	2.00 U	ug/L	1.00	2.00	4.00	10188567	EPA8270	91-20-3	12/28/11
Nitrobenzene	2.00 U	ug/L	1.00	2.00	4.00	10188567	EPA8270	98-95-3	12/28/11
O,O,O-Triethylphosphorothioate	10.0 U	ug/L	1.00	10.0	20.0	10188567	EPA8270	126-68-1	12/28/11
O,O-diethyl-0,2-pyrazinylphosphorothioate	10.0 U	ug/L	1.00	10.0	20.0	10188567	EPA8270	297-97-2	12/28/11
Pentachlorobenzene	0.300 U	ug/L	1.00	0.300	0.600	10188567	EPA8270	608-93-5	12/28/11
Pentachloronitrobenzene	0.300 U	ug/L	1.00	0.300	0.600	10188567	EPA8270	82-68-8	12/28/11
Pentachlorophenol	0.400 U	ug/L	1.00	0.400	0.800	10188567	EPA8270	87-86-5	12/28/11
Phenacetin	20.0 U	ug/L	1.00	20.0	40.0	10188567	EPA8270	62-44-2	12/28/11
Phenanthrene	2.00 U	ug/L	1.00	2.00	4.00	10188567	EPA8270	85-01-8	12/28/11
Phenol	2.00 U	ug/L	1.00	2.00	4.00	10188567	EPA8270	108-95-2	12/28/11
Pronamide	10.0 U	ug/L	1.00	10.0	20.0	10188567	EPA8270	23950-58-5	12/28/11
Pyrene	2.00 U	ug/L	1.00	2.00	4.00	10188567	EPA8270	129-00-0	12/28/11
Saffrole	10.0 U	ug/L	1.00	10.0	20.0	10188567	EPA8270	94-59-7	12/28/11
Trinitrobenzene	10.0 U	ug/L	1.00	10.0	20.0	10188567	EPA8270	99-35-4	12/28/11
m-Cresol	10.0 U	ug/L	1.00	10.0	20.0	10188567	EPA8270	108-39-4	12/28/11
m-Dinitrobenzene	2.00 U	ug/L	1.00	2.00	4.00	10188567	EPA8270	99-65-0	12/28/11
m-nitroaniline	2.00 U	ug/L	1.00	2.00	4.00	10188567	EPA8270	99-09-2	12/28/11
o-Cresol	2.00 U	ug/L	1.00	2.00	4.00	10188567	EPA8270	95-48-7	12/28/11
o-Toluidine	2.00 U	ug/L	1.00	2.00	4.00	10188567	EPA8270	95-53-4	12/28/11
o-nitroaniline	10.0 U	ug/L	1.00	10.0	20.0	10188567	EPA8270	88-74-4	12/28/11

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Lab #: 165315GW1 **Sampled:** 12/14/11 11:00 AM **Desc:** MANHOLE 9/21061

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
p-(Dimethylamino)azobenzene	10.0 U	ug/L	1.00	10.0	20.0	10188567	EPA8270	60-11-7	12/28/11
p-Chloro-m-Cresol	2.00 U	ug/L	1.00	2.00	4.00	10188567	EPA8270	59-50-7	12/28/11
p-Chloroaniline	10.0 U	ug/L	1.00	10.0	20.0	10188567	EPA8270	106-47-8	12/28/11
p-Cresol	2.00 U	ug/L	1.00	2.00	4.00	10188567	EPA8270	106-44-5	12/28/11
p-Phenylenediamine	10.0 U	ug/L	1.00	10.0	20.0	10188567	EPA8270	106-50-3	12/28/11
p-nitroaniline	2.00 U	ug/L	1.00	2.00	4.00	10188567	EPA8270	100-01-6	12/28/11
Total Sulfide	0.800	mg/L	1.00	0.100	0.200	10188587	SM4500-S F	18496-25-8	12/20/11

Lab #: 165315GW2 **Sampled:** 12/14/11 06:00 AM **Desc:** Trip blank

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	630-20-6	12/15/11
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	71-55-6	12/15/11
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10187576	EPA8260	79-34-5	12/15/11
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	79-00-5	12/15/11
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	75-34-3	12/15/11
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	75-35-4	12/15/11
1,1-Dichloropropene	0.200 U	ug/L	1.00	0.200	0.400	10187576	EPA8260	563-58-6	12/15/11
1,2,4-trichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	120-82-1	12/15/11
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	107-06-2	12/15/11
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10187576	EPA8260	78-87-5	12/15/11
1,3-Dichloropropane	0.300 U	ug/L	1.00	0.300	0.600	10187576	EPA8260	142-28-9	12/15/11
2,2-Dichloropropane	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	594-20-7	12/15/11
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	78-93-3	12/15/11
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	591-78-6	12/15/11
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10187576	EPA8260	67-64-1	12/15/11
Acetonitrile	1.00 U	ug/L	1.00	1.00	2.00	10187576	EPA8260	75-05-8	12/15/11
Acrolein	3.50 U	ug/L	1.00	3.50	7.00	10187576	EPA8260	107-02-8	12/15/11
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10187576	EPA8260	107-13-1	12/15/11
Allyl Chloride	1.00 U	ug/L	1.00	1.00	2.00	10187576	EPA8260	107-05-1	12/15/11

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Date Sampled: Dec 14, 2011
Dec 29, 2011; Invoice: 165315

Lab #: 165315GW2 **Sampled:** 12/14/11 06:00 AM **Desc:** Trip blank

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	71-43-2	12/15/11
Bromochloromethane	0.100 U	ug/L	1.00	0.100	1.00	10187576	EPA8260	074-97-5	12/15/11
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10187576	EPA8260	75-27-4	12/15/11
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	75-25-2	12/15/11
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	74-83-9	12/15/11
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10187576	EPA8260	75-15-0	12/15/11
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	56-23-5	12/15/11
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	108-90-7	12/15/11
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	75-00-3	12/15/11
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	67-66-3	12/15/11
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	74-87-3	12/15/11
Chloroprene	5.00 U	ug/L	1.00	5.00	10.0	10187576	EPA8260	126-99-8	12/15/11
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10187576	EPA8260	124-48-1	12/15/11
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	074-95-3	12/15/11
Dichlorodifluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	75-71-8	12/15/11
Ethyl methacrylate	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	97-63-2	12/15/11
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	100-41-4	12/15/11
Iso-butyl Alcohol	1.00 U	ug/L	1.00	1.00	2.00	10187576	EPA8260	78-83-1	12/15/11
Methacrylonitrile	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	126-98-7	12/15/11
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10187576	EPA8260	074-88-4	12/15/11
Methyl Methacrylate	2.00 U	ug/L	1.00	2.00	4.00	10187576	EPA8260	80-62-6	12/15/11
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10187576	EPA8260	108-10-1	12/15/11
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10187576	EPA8260	75-09-2	12/15/11
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	106-46-7	12/15/11
Propionitrile	1.00 U	ug/L	1.00	1.00	2.00	10187576	EPA8260	107-12-0	12/15/11
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	100-42-5	12/15/11
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	127-18-4	12/15/11
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	108-88-3	12/15/11
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	79-01-6	12/15/11

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 14, 2011
Dec 29, 2011; Invoice: 165315

Lab #: 165315GW2 **Sampled:** 12/14/11 06:00 AM **Desc:** Trip blank

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	75-69-4	12/15/11
Vinyl Acetate	5.00 U	ug/L	1.00	5.00	10.0	10187576	EPA8260	108-05-4	12/15/11
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	75-01-4	12/15/11
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10187576	EPA8260	1330-20-7	12/15/11
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10187576	EPA8260	156-59-2	12/15/11
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	10061-01-5	12/15/11
m-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	541-73-1	12/15/11
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	95-50-1	12/15/11
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	156-60-5	12/15/11
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10187576	EPA8260	10061-02-6	12/15/11
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10187576	EPA8260	110-57-6	12/15/11
Surr:1,2-Dichloroethane-d4 (77-129%)	105.20%		1.00	0.0100	0.0100	10187576	EPA8260		12/15/11
Surr:Bromofluorobenzene (82-122%)	106.67%		1.00	1.00	1.00	10187576	EPA8260	460-00-4	12/15/11
Surr:Toluene-d8 (80-120%)	112.17%		1.00	0.0100	0.0100	10187576	EPA8260		12/15/11

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Dec 29, 2011; Invoice: 165315

Quality Report

Quality Control Batch: 10187541 **Analyst:** PCW

Blank	**Result**	**Units**
Nitrate(as N)	0.0100U	mg/L

Quality Control Batch: 10187549 **Analyst:** PCW

Blank	**Result**	**Units**
Cyanide	0.00500U	mg/L

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Cyanide	0.108	mg/L	0.100	108.00	60.92-124.33

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
Cyanide	0.107	mg/L	0.0800	123.20	59.99-123.92	0.00844

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
Cyanide	0.106	mg/L	0.0800	121.95	59.99-123.92	0.00844	0.94	11.15

Quality Control Batch: 10187576 **Analyst:** CLS

Blank	**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

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Quality Control Batch: 10187576 **Analyst:** CLS

Blank	**Result**	**Units**
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
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

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Quality Control Batch: 10187576 **Analyst:** CLS

Blank	**Result**	**Units**
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
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
1,1-Dichloropropene	0.200U	ug/L
1,2,4-trichlorobenzene	0.500U	ug/L
1,2-dichloroethane	0.500U	ug/L
1,2-dichloropropane	0.200U	ug/L
1,3-Dichloropropane	0.300U	ug/L
2,2-Dichloropropane	0.500U	ug/L
2-Butanone (MEK)	0.500U	ug/L
2-Hexanone	0.500U	ug/L
Surr:Bromofluorobenzene	30.4	ug/L
Surr:Toluene-d8	32.7	ug/L
Surr:1,2-Dichloroethane-d4	28.8	ug/L

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Acetone	7.68	ug/L	10.0	76.80	38.88-162.52
Acrylonitrile	9.78	ug/L	10.0	97.80	40.32-146.67

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Quality Control Batch: 10187576 **Analyst:** CLS

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Benzene	9.89	ug/L	10.0	98.90	69.86-134.08
Bromochloromethane	9.89	ug/L	10.0	98.90	73.37-125.03
Bromodichloromethane	9.64	ug/L	10.0	96.40	73.69-129.06
Bromoform	9.20	ug/L	10.0	92.00	66.50-120.60
Bromomethane	10.6	ug/L	10.0	105.60	52.06-149.03
Carbon Disulfide	10.2	ug/L	10.0	102.40	72.42-160.65
Carbon Tetrachloride	9.40	ug/L	10.0	94.00	69.24-130.87
Chlorobenzene	9.86	ug/L	10.0	98.60	76.12-122.63
Chloroethane	9.62	ug/L	10.0	96.20	54.48-148.84
Chloroform	9.43	ug/L	10.0	94.30	70.86-132.14
Chloromethane	9.60	ug/L	10.0	96.00	53.66-151.98
cis-1,2-dichloroethene	8.05	ug/L	10.0	80.50	72.17-127.13
cis-1,3-Dichloropropene	10.1	ug/L	10.0	100.70	72.26-128.63
Dibromochloromethane	9.30	ug/L	10.0	93.00	72.48-118.93
Dichlorodifluoromethane	9.58	ug/L	10.0	95.80	32.37-167.41
Ethylbenzene	9.54	ug/L	10.0	95.40	70.56-124.95
Methyl Iodide	11.4	ug/L	10.0	113.90	55.71-163.66
Methyl isobutyl ketone	9.69	ug/L	10.0	96.90	50.12-132.13
Methylene chloride	9.73	ug/L	10.0	97.30	40.69-151.61
m-dichlorobenzene	9.16	ug/L	10.0	91.60	58.21-134.14
o-dichlorobenzene	9.49	ug/L	10.0	94.90	59.80-127.24
Para-dichlorobenzene	9.82	ug/L	10.0	98.20	59.80-127.16
Styrene	9.67	ug/L	10.0	96.70	64.43-121.79
Tetrachloroethene	10.1	ug/L	10.0	101.30	49.80-173.40
Toluene	9.96	ug/L	10.0	99.60	75.34-126.10
trans-1,2-dichloroethene	12.3	ug/L	10.0	122.70	69.34-133.94
trans-1,3,-Dichloropropene	9.80	ug/L	10.0	98.00	69.36-124.24
Trichloroethene	10.3	ug/L	10.0	102.50	70.68-139.87
Trichlorofluoromethane	8.53	ug/L	10.0	85.30	44.99-156.60

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Quality Control Batch: 10187576 **Analyst:** CLS

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Vinyl chloride	9.61	ug/L	10.0	96.10	56.53-148.31
Xylenes	29.1	ug/L	30.0	96.87	70.92-123.99
1,1,1,2-Tetrachloroethane	9.34	ug/L	10.0	93.40	72.36-126.72
1,1,1-Trichloroethane	9.40	ug/L	10.0	94.00	72.34-131.71
1,1,2,2-Tetrachloroethane	11.1	ug/L	10.0	111.20	73.03-130.21
1,1,2-Trichloroethane	9.69	ug/L	10.0	96.90	78.01-120.70
1,1-Dichloroethane	9.47	ug/L	10.0	94.70	68.89-133.90
1,1-Dichloroethene	9.19	ug/L	10.0	91.90	57.83-149.70
1,1-Dichloropropene	9.66	ug/L	10.0	96.60	71.70-133.07
1,2,4-trichlorobenzene	8.60	ug/L	10.0	86.00	17.21-148.33
1,2-dichloroethane	9.64	ug/L	10.0	96.40	71.63-130.49
1,2-dichloropropane	9.69	ug/L	10.0	96.90	72.07-128.11
1,3-Dichloropropane	9.78	ug/L	10.0	97.80	70.02-130.05
2,2-Dichloropropane	9.12	ug/L	10.0	91.20	65.33-147.06
2-Butanone (MEK)	11.8	ug/L	10.0	117.50	59.03-164.47
2-Hexanone	8.88	ug/L	10.0	88.80	60.06-141.22
Surr:Bromofluorobenzene	30.2	ug/L	30.0	100.70	82.78-122.32
Surr:Toluene-d8	31.8	ug/L	30.0	106.13	80.00-120.00
Surr:1,2-Dichloroethane-d4	30.0	ug/L	30.0	99.93	77.68-129.99

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
Acetone	20.0	ug/L	20.0	100.00	46.01-156.32	5.00U
Acrylonitrile	23.9	ug/L	20.0	119.70	43.40-147.39	0.300U
Benzene	21.7	ug/L	20.0	108.70	74.48-134.24	0.500U
Bromochloromethane	21.5	ug/L	20.0	107.25	73.98-126.75	0.100U
Bromodichloromethane	24.0	ug/L	20.0	119.90	74.51-131.60	0.100U
Bromoform	22.7	ug/L	20.0	113.60	65.77-126.66	0.500U
Bromomethane	26.4	ug/L	20.0	132.05	45.79-154.07	0.500U
Carbon Tetrachloride	22.4	ug/L	20.0	111.75	69.71-134.11	0.500U

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Quality Control Batch: 10187576 **Analyst:** CLS

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
Chlorobenzene	22.3	ug/L	20.0	111.45	78.18-124.63	0.500U
Chloroethane	22.8	ug/L	20.0	113.90	57.96-148.61	0.500U
Chloroform	21.5	ug/L	20.0	107.25	67.52-139.02	0.500U
Chloromethane	23.1	ug/L	20.0	115.65	51.30-156.78	0.500U
cis-1,2-dichloroethene	19.0	ug/L	20.0	95.05	76.64-126.84	0.200U
cis-1,3-Dichloropropene	24.0	ug/L	20.0	120.15	67.26-137.96	0.500U
Dibromochloromethane	24.1	ug/L	20.0	120.60	73.00-123.23	0.400U
Dichlorodifluoromethane	23.6	ug/L	20.0	118.15	31.11-164.64	0.500U
Ethylbenzene	23.1	ug/L	20.0	115.65	73.91-128.64	0.500U
Methyl Iodide	33.7	ug/L	20.0	168.45	54.23-165.25	1.00U
Methyl isobutyl ketone	23.7	ug/L	20.0	118.55	57.64-133.07	1.00U
Methylene chloride	22.5	ug/L	20.0	112.30	50.29-142.90	1.00U
m-dichlorobenzene	21.2	ug/L	20.0	106.15	69.74-129.80	0.500U
o-dichlorobenzene	22.3	ug/L	20.0	111.30	71.04-127.37	0.500U
Para-dichlorobenzene	22.7	ug/L	20.0	113.25	70.44-126.55	0.500U
Styrene	22.2	ug/L	20.0	110.75	68.01-124.71	0.500U
Tetrachloroethene	23.3	ug/L	20.0	116.45	49.77-180.05	0.500U
Toluene	24.1	ug/L	20.0	120.35	77.67-128.73	0.500U
trans-1,2-dichloroethene	28.5	ug/L	20.0	142.60	71.14-135.42	0.500U
trans-1,3,-Dichloropropene	23.2	ug/L	20.0	116.20	68.77-131.64	0.500U
Trichloroethene	24.2	ug/L	20.0	121.00	77.68-135.38	0.500U
Trichlorofluoromethane	24.0	ug/L	20.0	119.75	48.94-159.62	0.500U
Vinyl chloride	23.1	ug/L	20.0	115.55	56.51-147.62	0.500U
Xylenes	67.9	ug/L	60.0	113.08	74.03-127.32	1.00U
1,1,1,2-Tetrachloroethane	23.1	ug/L	20.0	115.45	74.08-128.41	0.500U
1,1,1-Trichloroethane	22.3	ug/L	20.0	111.50	74.12-134.44	0.500U
1,1,2,2-Tetrachloroethane	24.2	ug/L	20.0	120.75	70.96-136.31	0.100U
1,1,2-Trichloroethane	23.2	ug/L	20.0	115.95	78.08-124.41	0.500U
1,1-Dichloroethane	22.5	ug/L	20.0	112.45	72.78-134.55	0.500U

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 14, 2011
Dec 29, 2011; Invoice: 165315

Quality Control Batch: 10187576 **Analyst:** CLS

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
1,1-Dichloroethene	22.4	ug/L	20.0	112.05	58.40-151.32	0.500U
1,1-Dichloropropene	23.0	ug/L	20.0	114.95	73.25-137.34	0.200U
1,2,4-trichlorobenzene	20.4	ug/L	20.0	102.10	22.90-145.92	0.500U
1,2-dichloroethane	21.8	ug/L	20.0	108.90	71.53-134.48	0.500U
1,2-dichloropropane	23.7	ug/L	20.0	118.55	74.50-129.66	0.200U
1,3-Dichloropropane	23.4	ug/L	20.0	117.10	72.32-131.54	0.300U
2,2-Dichloropropane	21.6	ug/L	20.0	108.10	61.83-150.70	0.500U
2-Butanone (MEK)	20.1	ug/L	20.0	100.60	64.53-153.74	0.500U
2-Hexanone	22.6	ug/L	20.0	112.85	62.58-147.29	0.500U
Surr:Bromofluorobenzene	30.5	ug/L	30.0	101.70	53.82-151.16	
Surr:Toluene-d8	31.8	ug/L	30.0	106.03	88.05-109.81	
Surr:1,2-Dichloroethane-d4	28.6	ug/L	30.0	95.43	75.07-126.19	

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
Acetone	22.2	ug/L	20.0	110.90	46.01-156.32	5.00U	10.34	38.47
Acrylonitrile	23.7	ug/L	20.0	118.25	43.40-147.39	0.300U	1.22	24.85
Benzene	23.8	ug/L	20.0	118.85	74.48-134.24	0.500U	8.92	18.98
Bromochloromethane	23.7	ug/L	20.0	118.35	73.98-126.75	0.100U	9.84	15.45
Bromodichloromethane	24.8	ug/L	20.0	124.10	74.51-131.60	0.100U	3.44	14.47
Bromoform	23.0	ug/L	20.0	114.85	65.77-126.66	0.500U	1.09	18.89
Bromomethane	28.7	ug/L	20.0	143.45	45.79-154.07	0.500U	8.28	22.97
Carbon Tetrachloride	22.3	ug/L	20.0	111.25	69.71-134.11	0.500U	0.45	18.68
Chlorobenzene	22.9	ug/L	20.0	114.40	78.18-124.63	0.500U	2.61	17.54
Chloroethane	22.1	ug/L	20.0	110.70	57.96-148.61	0.500U	2.85	24.25
Chloroform	22.3	ug/L	20.0	111.60	67.52-139.02	0.500U	3.98	17.36
Chloromethane	21.9	ug/L	20.0	109.55	51.30-156.78	0.500U	5.42	24.58
cis-1,2-dichloroethene	18.8	ug/L	20.0	93.90	76.64-126.84	0.200U	1.22	19.01
cis-1,3-Dichloropropene	24.9	ug/L	20.0	124.60	67.26-137.96	0.500U	3.64	17.79
Dibromochloromethane	24.8	ug/L	20.0	124.15	73.00-123.23	0.400U	2.90	17.16

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PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 14, 2011
Dec 29, 2011; Invoice: 165315

Quality Control Batch: 10187576 **Analyst:** CLS

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
Dichlorodifluoromethane	25.7	ug/L	20.0	128.45	31.11-164.64	0.500U	8.35	25.30
Ethylbenzene	24.3	ug/L	20.0	121.35	73.91-128.64	0.500U	4.81	17.78
Methyl Iodide	33.8	ug/L	20.0	168.85	54.23-165.25	1.00U	0.24	24.15
Methyl isobutyl ketone	24.9	ug/L	20.0	124.45	57.64-133.07	1.00U	4.86	23.20
Methylene chloride	21.7	ug/L	20.0	108.55	50.29-142.90	1.00U	3.40	22.29
m-dichlorobenzene	20.9	ug/L	20.0	104.55	69.74-129.80	0.500U	1.52	21.29
o-dichlorobenzene	22.5	ug/L	20.0	112.55	71.04-127.37	0.500U	1.12	17.00
Para-dichlorobenzene	22.4	ug/L	20.0	112.10	70.44-126.55	0.500U	1.02	14.84
Styrene	22.1	ug/L	20.0	110.30	68.01-124.71	0.500U	0.41	17.03
Tetrachloroethene	23.8	ug/L	20.0	119.10	49.77-180.05	0.500U	2.25	27.05
Toluene	25.3	ug/L	20.0	126.65	77.67-128.73	0.500U	5.10	18.11
trans-1,2-dichloroethene	28.9	ug/L	20.0	144.40	71.14-135.42	0.500U	1.25	19.23
trans-1,3,-Dichloropropene	24.6	ug/L	20.0	123.20	68.77-131.64	0.500U	5.85	17.05
Trichloroethene	25.6	ug/L	20.0	127.90	77.68-135.38	0.500U	5.54	16.98
Trichlorofluoromethane	21.2	ug/L	20.0	105.75	48.94-159.62	0.500U	12.42	24.90
Vinyl chloride	23.2	ug/L	20.0	116.05	56.51-147.62	0.500U	0.43	21.53
Xylenes	72.3	ug/L	60.0	120.42	74.03-127.32	1.00U	6.28	18.64
1,1,1,2-Tetrachloroethane	23.6	ug/L	20.0	118.05	74.08-128.41	0.500U	2.23	18.35
1,1,1-Trichloroethane	22.8	ug/L	20.0	114.15	74.12-134.44	0.500U	2.35	19.03
1,1,2,2-Tetrachloroethane	25.4	ug/L	20.0	126.75	70.96-136.31	0.100U	4.85	18.50
1,1,2-Trichloroethane	24.0	ug/L	20.0	120.05	78.08-124.41	0.500U	3.47	15.94
1,1-Dichloroethane	22.2	ug/L	20.0	111.05	72.78-134.55	0.500U	1.25	16.44
1,1-Dichloroethene	23.0	ug/L	20.0	115.00	58.40-151.32	0.500U	2.60	23.15
1,1-Dichloropropene	22.4	ug/L	20.0	112.10	73.25-137.34	0.200U	2.51	22.56
1,2,4-trichlorobenzene	21.1	ug/L	20.0	105.55	22.90-145.92	0.500U	3.32	20.25
1,2-dichloroethane	21.9	ug/L	20.0	109.35	71.53-134.48	0.500U	0.41	15.32
1,2-dichloropropane	24.9	ug/L	20.0	124.45	74.50-129.66	0.200U	4.86	16.56
1,3-Dichloropropane	24.0	ug/L	20.0	119.90	72.32-131.54	0.300U	2.36	23.05
2,2-Dichloropropane	20.7	ug/L	20.0	103.70	61.83-150.70	0.500U	4.15	23.34

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Quality Control Batch: 10187576 **Analyst:** CLS

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
2-Butanone (MEK)	20.8	ug/L	20.0	104.00	64.53-153.74	0.500U	3.32	32.53
2-Hexanone	23.4	ug/L	20.0	117.15	62.58-147.29	0.500U	3.74	25.26
Surr:Bromofluorobenzene	29.9	ug/L	30.0	99.63	53.82-151.16		2.05	13.51
Surr:Toluene-d8	33.6	ug/L	30.0	111.87	88.05-109.81		5.35	7.44
Surr:1,2-Dichloroethane-d4	29.5	ug/L	30.0	98.20	75.07-126.19		2.86	8.75

Quality Control Batch: 10187664 **Analyst:** PLB

Blank	**Result**	**Units**
TDS	2.50U	mg/L

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
TDS	1490	mg/L	1500	99.47	88.20-108.17

Quality Control Batch: 10187754 **Analyst:** MAC

Blank	**Result**	**Units**
Total Alkalinity CaCO3	1.73	mg/L

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Total Alkalinity CaCO3	92.8	mg/L	100	92.76	77.03-121.71

Quality Control Batch: 10187909 **Analyst:** EVB

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

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Quality Control Batch: 10187909 **Analyst:** EVB

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Iron	5.08	mg/L	5.00	101.58	81.21-113.54
Sodium	4.75	mg/L	5.00	95.03	78.62-112.15

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
Iron	8.33	mg/L	5.00	85.09	57.02-147.60	4.07
Sodium	21.0	mg/L	5.00	83.75	37.63-161.64	16.8

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
Iron	7.45	mg/L	5.00	67.56	57.02-147.60	4.07	11.11	19.53
Sodium	20.3	mg/L	5.00	68.16	37.63-161.64	16.8	3.77	19.20

Quality Control Batch: 10187923 **Analyst:** EVB

Blank	**Result**	**Units**
Mercury	0.0000200U	mg/L

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Mercury	0.00107	mg/L	0.00100	106.70	90.27-115.31

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
Mercury	0.00302	mg/L	0.00300	100.50	81.00-122.08	0.0000200U

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
Mercury	0.00282	mg/L	0.00300	94.03	81.00-122.08	0.0000200U	6.65	8.88

Quality Control Batch: 10188010 **Analyst:** EVB

Blank	**Result**	**Units**
Antimony	0.00200U	mg/L

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Quality Control Batch: 10188010 **Analyst:** EVB

Blank	**Result**	**Units**
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

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Antimony	0.0928	mg/L	0.100	92.76	76.70-120.39
Arsenic	0.0920	mg/L	0.100	92.02	81.09-119.32
Barium	0.0980	mg/L	0.100	98.01	84.59-125.11
Beryllium	0.110	mg/L	0.100	110.14	85.69-132.22
Cadmium	0.0972	mg/L	0.100	97.17	84.66-121.81
Chromium	0.0964	mg/L	0.100	96.41	87.00-122.96
Cobalt	0.0858	mg/L	0.100	85.75	78.66-126.98
Copper	0.0884	mg/L	0.100	88.42	84.08-122.69
Lead	0.0992	mg/L	0.100	99.22	86.91-124.18
Nickel	0.0866	mg/L	0.100	86.62	77.31-126.31
Selenium	0.0904	mg/L	0.100	90.43	75.98-121.42
Silver	0.0946	mg/L	0.100	94.58	79.76-119.92

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Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Thallium	0.0929	mg/L	0.100	92.93	80.95-125.84
Tin	0.0897	mg/L	0.100	89.69	74.22-128.88
Vanadium	0.0886	mg/L	0.100	88.60	78.51-125.51
Zinc	0.100	mg/L	0.100	100.45	79.82-122.80

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
Antimony	0.130	mg/L	0.200	65.08	73.48-142.27	0.00200U
Arsenic	0.183	mg/L	0.200	91.71	73.05-140.45	0.00100U
Barium	0.136	mg/L	0.200	63.84	70.68-156.87	0.00868
Beryllium	0.141	mg/L	0.200	70.29	89.27-154.67	0.000500U
Cadmium	0.165	mg/L	0.200	82.69	76.87-137.80	0.00100U
Chromium	0.226	mg/L	0.200	108.51	67.91-144.29	0.00898
Cobalt	0.193	mg/L	0.200	95.45	68.92-150.01	0.00227
Copper	0.179	mg/L	0.200	89.47	57.64-148.77	0.00100U
Lead	0.191	mg/L	0.200	94.94	69.09-150.83	0.00116
Nickel	0.214	mg/L	0.200	105.81	58.01-145.27	0.00231
Selenium	0.200	mg/L	0.200	100.24	63.72-144.34	0.00200U
Silver	0.168	mg/L	0.200	83.77	48.94-146.79	0.000500U
Thallium	0.191	mg/L	0.200	95.51	68.93-151.79	0.00100U
Tin	0.201	mg/L	0.200	100.35	70.18-138.70	0.00500U
Vanadium	0.219	mg/L	0.200	99.09	72.08-149.74	0.0210
Zinc	0.118	mg/L	0.200	59.20	51.79-149.89	0.0100U

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
Antimony	0.128	mg/L	0.200	64.14	73.48-142.27	0.00200U	1.44	23.91
Arsenic	0.164	mg/L	0.200	81.75	73.05-140.45	0.00100U	11.48	26.42
Barium	0.136	mg/L	0.200	63.67	70.68-156.87	0.00868	0.25	20.91
Beryllium	0.141	mg/L	0.200	70.47	89.27-154.67	0.000500U	0.25	22.45
Cadmium	0.164	mg/L	0.200	82.04	76.87-137.80	0.00100U	0.79	24.42

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Quality Control Batch: 10188010 **Analyst:** EVB

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
Chromium	0.236	mg/L	0.200	113.41	67.91-144.29	0.00898	4.25	26.93
Cobalt	0.196	mg/L	0.200	96.68	68.92-150.01	0.00227	1.26	20.94
Copper	0.181	mg/L	0.200	90.38	57.64-148.77	0.00100U	1.02	26.04
Lead	0.190	mg/L	0.200	94.26	69.09-150.83	0.00116	0.71	26.35
Nickel	0.216	mg/L	0.200	106.94	58.01-145.27	0.00231	1.06	25.87
Selenium	0.202	mg/L	0.200	100.99	63.72-144.34	0.00200U	0.75	23.19
Silver	0.162	mg/L	0.200	81.06	48.94-146.79	0.000500U	3.29	25.78
Thallium	0.191	mg/L	0.200	95.71	68.93-151.79	0.00100U	0.21	22.45
Tin	0.199	mg/L	0.200	99.66	70.18-138.70	0.00500U	0.69	23.15
Vanadium	0.228	mg/L	0.200	103.73	72.08-149.74	0.0210	4.15	21.04
Zinc	0.121	mg/L	0.200	60.36	51.79-149.89	0.0100U	1.95	25.51

Quality Control Batch: 10188075 **Analyst:** DLJ

Blank	**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	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
1,2,3-Trichloropropane	0.723	ug/L	0.750	96.40	80.00-120.00
1,2-Dibromoethane (EDB)	0.798	ug/L	0.750	106.36	71.37-128.24
1,2-dibromo-3-chloropropane	0.758	ug/L	0.750	101.07	56.44-144.91

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
1,2,3-Trichloropropane	0.604	ug/L	0.750	80.47	80.00-120.00	0.0200U
1,2-Dibromoethane (EDB)	0.712	ug/L	0.750	94.95	68.22-125.80	0.0100U
1,2-dibromo-3-chloropropane	0.620	ug/L	0.750	82.65	60.03-124.62	0.0200U

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**

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Quality Control Batch: 10188075 **Analyst:** DLJ

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
1,2,3-Trichloropropane	0.608	ug/L	0.750	81.11	80.00-120.00	0.0200U	0.79	20.00
1,2-Dibromoethane (EDB)	0.696	ug/L	0.750	92.79	68.22-125.80	0.0100U	2.30	16.28
1,2-dibromo-3-chloropropane	0.621	ug/L	0.750	82.73	60.03-124.62	0.0200U	0.10	10.23

Quality Control Batch: 10188101 **Analyst:** DLJ

Blank	**Result**	**Units**
Dinoseb	0.250U	ug/L
2,4,5-T	0.250U	ug/L
2,4,5-TP (Silvex)	0.250U	ug/L
2,4-D	0.250U	ug/L

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
2,4,5-T	0.188	ug/L	0.250	75.24	34.56-147.46
2,4,5-TP (Silvex)	0.188	ug/L	0.250	75.39	37.29-145.64
2,4-D	0.185	ug/L	0.250	73.93	31.42-153.84

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
Dinoseb	0.261	ug/L	0.250	104.30	80.00-120.00	0.250U
2,4,5-T	0.274	ug/L	0.250	109.80	80.00-120.00	0.250U

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
Dinoseb	0.274	ug/L	0.250	109.70	80.00-120.00	0.250U	5.04	2.76
2,4,5-T	0.298	ug/L	0.250	119.18	80.00-120.00	0.250U	8.19	1.49

Quality Control Batch: 10188134 **Analyst:** DLJ

Blank	**Result**	**Units**
Aldrin	0.0200U	ug/L
a-BHC	0.0200U	ug/L
b-BHC	0.0100U	ug/L

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Quality Control Batch: 10188134 **Analyst:** DLJ

Blank	**Result**	**Units**
Chlordane	0.0100U	ug/L
Dieldrin	0.0200U	ug/L
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	0.420	ug/L

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Aldrin	0.121	ug/L	0.125	96.82	12.83-113.48
a-BHC	0.123	ug/L	0.125	98.65	12.52-115.93
b-BHC	0.117	ug/L	0.125	93.34	32.71-121.18
Chlordane	0.245	ug/L	0.250	97.82	71.76-138.79
Dieldrin	0.122	ug/L	0.125	97.97	34.19-127.26
d-BHC	0.119	ug/L	0.125	95.09	28.63-108.97
Endosulfan_I	0.120	ug/L	0.125	96.17	18.33-120.63
Endosulfan_II	0.118	ug/L	0.125	94.60	37.06-132.85
Endosulfan_sulfate	0.119	ug/L	0.125	95.32	23.13-147.35
Endrin	0.115	ug/L	0.125	92.19	61.31-151.63

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Quality Control Batch: 10188134 **Analyst:** DLJ

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Endrin_Aldehyde	0.126	ug/L	0.125	100.47	35.08-136.28
Heptachlor	0.119	ug/L	0.125	95.04	71.93-136.13
Heptachlor epoxide	0.122	ug/L	0.125	97.38	72.05-132.82
Lindane (g-BHC)	0.122	ug/L	0.125	97.82	67.43-132.32
Methoxychlor	0.119	ug/L	0.125	95.44	35.57-159.59
4,4'-DDD	0.118	ug/L	0.125	94.22	34.70-139.82
4,4'-DDE	0.124	ug/L	0.125	99.16	29.61-130.24
4,4'-DDT	0.114	ug/L	0.125	91.59	33.43-137.17
Surr:Decachlorobiphenyl	0.476	ug/L	0.500	95.18	26.32-128.90

Quality Control Batch: 10188147 **Analyst:** PCW

Blank	**Result**	**Units**
Ammonia (as N)	0.0100U	mg/L

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Ammonia (as N)	0.492	mg/L	0.500	98.40	81.98-117.44

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
Ammonia (as N)	0.756	mg/L	0.780	94.13	48.79-135.13	0.0218

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
Ammonia (as N)	0.735	mg/L	0.780	91.44	48.79-135.13	0.0218	2.82	14.25

Quality Control Batch: 10188171 **Analyst:** DLJ

Blank	**Result**	**Units**
Disulfoton	0.300U	ug/L
Ethyl Parathion	0.500U	ug/L
Methyl Parathion	0.500U	ug/L

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Quality Control Batch: 10188171 **Analyst:** DLJ

Blank	**Result**	**Units**
Phorate	1.00U	ug/L

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Disulfoton	3.80	ug/L	4.00	94.99	33.40-167.19
Ethyl Parathion	4.15	ug/L	4.00	103.79	80.00-120.00
Methyl Parathion	3.99	ug/L	4.00	99.70	20.01-160.55
Phorate	3.80	ug/L	4.00	95.11	29.28-161.04

Quality Control Batch: 10188210 **Analyst:** DLJ

Blank	**Result**	**Units**
Arochlor 1016	0.100U	ug/L
Arochlor 1221	0.100U	ug/L
Arochlor 1232	0.100U	ug/L
Arochlor 1242	0.100U	ug/L
Arochlor 1248	0.100U	ug/L
Arochlor 1254	0.100U	ug/L
Arochlor 1260	0.100U	ug/L

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Arochlor 1248	10.9	ug/L	10.0	109.16	80.00-120.00

Quality Control Batch: 10188567 **Analyst:** CLS

Blank	**Result**	**Units**
Acenaphthene	2.00U	ug/L
Acenaphthylene	2.00U	ug/L
Acetophenone	10.0U	ug/L

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Quality Control Batch: 10188567 **Analyst:** CLS

Blank	**Result**	**Units**
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
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

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Quality Control Batch: 10188567 **Analyst:** CLS

Blank	**Result**	**Units**
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
Methapyrilene	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
N-Nitrosopyrrolidine	2.00U	ug/L
O,O,O-Triethylphosphorothioate	10.0U	ug/L
O,O-diethyl-0,2-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

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Blank	**Result**	**Units**
Pentachlorophenol	0.400U	ug/L
Phenacetin	20.0U	ug/L
Phenanthrene	2.00U	ug/L
Phenol	2.00U	ug/L
Pronamide	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-Napthalamine	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
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-Chloronapthalene	2.00U	ug/L
2-chlorophenol	2.00U	ug/L

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Blank	**Result**	**Units**
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'-Dichlorobenzidene	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

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Acenaphthene	40.8	ug/L	50.0	81.68	24.64-92.89
Acenaphthylene	36.7	ug/L	50.0	73.48	24.48-83.75
Anthracene	49.8	ug/L	50.0	99.58	37.56-108.85
Benzo(a)anthracene	44.2	ug/L	50.0	88.32	50.90-118.75
Benzo(a)pyrene	42.4	ug/L	50.0	84.82	49.25-107.40
Benzo(b)fluoranthene	49.0	ug/L	50.0	98.02	40.63-129.74
Benzo(g,h,i)perylene	46.2	ug/L	50.0	92.46	43.12-132.78
Benzo(k)fluoranthene	52.5	ug/L	50.0	104.90	41.61-132.18
Bis(2-chloroethoxy)methane	36.6	ug/L	50.0	73.18	18.20-93.11
Bis(2-chloroethyl)ether	35.0	ug/L	50.0	70.04	18.15-94.22
Bis(2-ethylhexyl)phthalate	54.2	ug/L	50.0	108.34	32.99-149.91
Butyl benzyl phthalate	29.5	ug/L	50.0	58.98	7.31-116.39
Chrysene	52.1	ug/L	50.0	104.28	45.35-128.77
Dibenz(a,h)anthracene	48.3	ug/L	50.0	96.58	44.02-132.97

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Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Diethylphthalate	22.6	ug/L	50.0	45.14	19.80-115.28
Dimethylphthalate	9.27	ug/L	50.0	18.54	14.66-105.69
Di-n-butylphthalate	39.6	ug/L	50.0	79.16	11.79-106.70
Di-n-octylphthalate	54.0	ug/L	50.0	107.96	26.20-142.50
Fluoranthene	51.5	ug/L	50.0	102.98	40.94-118.51
Fluorene	42.2	ug/L	50.0	84.30	29.26-98.29
Hexachlorobenzene	47.5	ug/L	50.0	94.90	34.98-120.68
Hexachlorobutadiene	30.2	ug/L	50.0	60.34	3.77-110.89
Hexachlorocyclopentadiene	2.79	ug/L	50.0	5.58	14.60-126.19
Hexachloroethane	29.7	ug/L	50.0	59.46	27.01-67.34
Indeno(1,2,3-cd)pyrene	46.6	ug/L	50.0	93.24	42.81-131.90
Isophorone	17.8	ug/L	50.0	35.56	15.21-106.92
Naphthalene	35.1	ug/L	50.0	70.12	22.76-100.00
N-Nitrosodimethylamine	24.2	ug/L	50.0	48.32	11.73-101.53
N-Nitrosodiphenylamine	22.2	ug/L	50.0	44.32	25.48-112.12
N-Nitrosodi-n-propylamine	29.4	ug/L	50.0	58.78	4.91-116.61
o-Cresol	28.6	ug/L	50.0	57.14	80.00-120.00
Pentachlorophenol	47.7	ug/L	50.0	95.42	30.43-128.24
Phenanthrene	50.5	ug/L	50.0	100.92	36.40-108.27
Phenol	31.9	ug/L	50.0	63.88	19.29-91.04
Pyrene	56.2	ug/L	50.0	112.30	37.16-129.83
p-Chloro-m-Cresol	32.0	ug/L	50.0	64.06	16.86-109.24
p-Cresol	31.5	ug/L	50.0	62.94	80.00-120.00
2,4,5-Trichlorophenol	37.8	ug/L	50.0	75.60	80.00-120.00
2,4,6-Trichlorophenol	34.4	ug/L	50.0	68.82	20.62-101.47
2,4-Dichlorophenol	31.1	ug/L	50.0	62.20	17.24-98.85
2,4-Dimethylphenol	20.2	ug/L	50.0	40.36	2.05-125.76
2,4-Dinitrophenol	36.9	ug/L	50.0	73.70	19.41-128.42
2,4-Dinitrotoluene	42.8	ug/L	50.0	85.66	36.81-122.97

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 14, 2011
Dec 29, 2011; Invoice: 165315

Quality Control Batch: 10188567 **Analyst:** CLS

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
2,6-Dinitrotoluene	42.5	ug/L	50.0	85.08	28.75-106.82
2-Chloronapthalene	29.1	ug/L	50.0	58.20	18.48-93.86
2-chlorophenol	31.6	ug/L	50.0	63.24	23.85-88.80
2-methyl-Naphthalene	32.8	ug/L	50.0	65.66	19.08-101.21
2-methyl-4,6-dinitrophenol	40.7	ug/L	50.0	81.46	36.29-119.83
2-Nitrophenol	30.4	ug/L	50.0	60.74	18.91-98.15
4-Bromophenylphenyl ether	46.6	ug/L	50.0	93.12	30.87-111.41
4-Chlorophenylphenyl ether	44.9	ug/L	50.0	89.78	26.99-98.42
4-Nitrophenol	22.0	ug/L	50.0	44.00	23.93-129.80

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
Acenaphthene	34.0	ug/L	50.0	67.94	80.00-120.00	2.00U
Acenaphthylene	15.5	ug/L	50.0	30.90	80.00-120.00	2.00U
Anthracene	38.7	ug/L	50.0	77.42	80.00-120.00	2.00U
Benzo(a)anthracene	37.4	ug/L	50.0	74.74	80.00-120.00	0.200U
Benzo(a)pyrene	30.9	ug/L	50.0	61.70	80.00-120.00	1.00U
Benzo(b)fluoranthene	57.4	ug/L	50.0	114.80	80.00-120.00	0.100U
Benzo(g,h,i)perylene	38.9	ug/L	50.0	77.86	80.00-120.00	2.00U
Benzo(k)fluoranthene	57.8	ug/L	50.0	115.60	80.00-120.00	1.00U
Bis(2-chloroethoxy)methane	4.38	ug/L	50.0	8.76	80.00-120.00	2.00U
Bis(2-chloroethyl)ether	32.3	ug/L	50.0	64.62	80.00-120.00	2.00U
Bis(2-ethylhexyl)phthalate	38.0	ug/L	50.0	76.04	80.00-120.00	3.00U
Butyl benzyl phthalate	21.4	ug/L	50.0	42.84	80.00-120.00	3.00U
Chrysene	36.8	ug/L	50.0	73.62	80.00-120.00	2.00U
Dibenz(a,h)anthracene	57.0	ug/L	50.0	114.08	80.00-120.00	0.200U
Diethylphthalate	41.4	ug/L	50.0	82.76	1.00-120.00	3.00U
Dimethylphthalate	40.5	ug/L	50.0	80.90	1.00-120.00	3.00U
Di-n-butylphthalate	42.8	ug/L	50.0	85.62	80.00-120.00	3.00U
Di-n-octylphthalate	65.3	ug/L	50.0	130.68	80.00-120.00	3.00U

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Atkins
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Tampa,FL 33607

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 14, 2011
Dec 29, 2011; Invoice: 165315

Quality Control Batch: 10188567 **Analyst:** CLS

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
Fluoranthene	46.1	ug/L	50.0	92.10	80.00-120.00	2.00U
Fluorene	42.2	ug/L	50.0	84.40	80.00-120.00	2.00U
Hexachlorobenzene	41.7	ug/L	50.0	83.30	80.00-120.00	1.00U
Hexachlorobutadiene	30.4	ug/L	50.0	60.74	80.00-120.00	2.00U
Hexachlorocyclopentadiene	5.78	ug/L	50.0	11.56	21.11-153.35	2.00U
Hexachloroethane	31.9	ug/L	50.0	63.84	80.00-120.00	2.00U
Indeno(1,2,3-cd)pyrene	43.7	ug/L	50.0	87.46	80.00-120.00	0.200U
Isophorone	17.7	ug/L	50.0	35.46	80.00-120.00	2.00U
Naphthalene	34.6	ug/L	50.0	69.24	80.00-120.00	2.00U
N-Nitrosodimethylamine	22.6	ug/L	50.0	45.12	80.00-120.00	3.00U
N-Nitrosodiphenylamine	5.40	ug/L	50.0	10.80	80.00-120.00	2.00U
N-Nitrosodi-n-propylamine	30.6	ug/L	50.0	61.28	80.00-120.00	2.00U
o-Cresol	25.6	ug/L	50.0	51.18	80.00-120.00	2.00U
Pentachlorophenol	53.9	ug/L	50.0	107.76	80.00-120.00	0.400U
Phenanthrene	49.0	ug/L	50.0	98.02	80.00-120.00	2.00U
Phenol	29.6	ug/L	50.0	59.10	80.00-120.00	2.00U
Pyrene	35.2	ug/L	50.0	70.46	80.00-120.00	2.00U
p-Chloro-m-Cresol	35.9	ug/L	50.0	71.84	80.00-120.00	2.00U
p-Cresol	34.4	ug/L	50.0	68.86	80.00-120.00	2.00U
2,4,5-Trichlorophenol	42.7	ug/L	50.0	85.48	80.00-120.00	1.00U
2,4,6-Trichlorophenol	39.4	ug/L	50.0	78.72	80.00-120.00	2.00U
2,4-Dichlorophenol	33.8	ug/L	50.0	67.64	80.00-120.00	1.00U
2,4-Dimethylphenol	29.1	ug/L	50.0	58.10	80.00-120.00	2.00U
2,4-Dinitrophenol	39.8	ug/L	50.0	79.64	80.00-120.00	5.00U
2,4-Dinitrotoluene	42.3	ug/L	50.0	84.56	80.00-120.00	0.200U
2,6-Dinitrotoluene	45.5	ug/L	50.0	90.96	80.00-120.00	2.00U
2-Chloronapthalene	29.9	ug/L	50.0	59.88	80.00-120.00	2.00U
2-chlorophenol	31.8	ug/L	50.0	63.68	80.00-120.00	2.00U
2-methyl-Naphthalene	33.1	ug/L	50.0	66.12	23.63-87.85	2.00U

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PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 14, 2011
Dec 29, 2011; Invoice: 165315

Quality Control Batch: 10188567 **Analyst:** CLS

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
2-methyl-4,6-dinitrophenol	39.0	ug/L	50.0	78.08	80.00-120.00	2.00U
2-Nitrophenol	30.4	ug/L	50.0	60.84	80.00-120.00	2.00U
4-Bromophenylphenyl ether	45.3	ug/L	50.0	90.60	80.00-120.00	2.00U
4-Chlorophenylphenyl ether	45.7	ug/L	50.0	91.44	80.00-120.00	2.00U
4-Nitrophenol	19.9	ug/L	50.0	39.74	80.00-120.00	2.00U

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
Acenaphthene	34.0	ug/L	50.0	68.08	80.00-120.00	2.00U	0.21	18.81
Acenaphthylene	20.2	ug/L	50.0	40.48	80.00-120.00	2.00U	26.84	12.93
Anthracene	39.6	ug/L	50.0	79.12	80.00-120.00	2.00U	2.17	7.96
Benzo(a)anthracene	36.3	ug/L	50.0	72.60	80.00-120.00	0.200U	2.90	7.42
Benzo(a)pyrene	30.7	ug/L	50.0	61.36	80.00-120.00	1.00U	0.55	7.86
Benzo(b)fluoranthene	46.6	ug/L	50.0	93.20	80.00-120.00	0.100U	20.77	7.91
Benzo(g,h,i)perylene	36.6	ug/L	50.0	73.10	80.00-120.00	2.00U	6.31	11.66
Benzo(k)fluoranthene	46.9	ug/L	50.0	93.80	80.00-120.00	1.00U	20.82	6.56
Bis(2-chloroethoxy)methane	7.91	ug/L	50.0	15.82	80.00-120.00	2.00U	57.45	15.00
Bis(2-chloroethyl)ether	28.5	ug/L	50.0	57.00	80.00-120.00	2.00U	12.53	15.00
Bis(2-ethylhexyl)phthalate	35.3	ug/L	50.0	70.50	80.00-120.00	3.00U	7.56	2.78
Butyl benzyl phthalate	29.8	ug/L	50.0	59.52	80.00-120.00	3.00U	32.59	15.00
Chrysene	34.9	ug/L	50.0	69.78	80.00-120.00	2.00U	5.36	7.20
Dibenz(a,h)anthracene	45.8	ug/L	50.0	91.60	80.00-120.00	0.200U	21.86	8.17
Diethylphthalate	42.0	ug/L	50.0	84.00	1.00-120.00	3.00U	1.49	15.00
Dimethylphthalate	39.5	ug/L	50.0	79.04	1.00-120.00	3.00U	2.33	15.00
Di-n-butylphthalate	41.2	ug/L	50.0	82.38	80.00-120.00	3.00U	3.86	15.00
Di-n-octylphthalate	52.7	ug/L	50.0	105.34	80.00-120.00	3.00U	21.47	15.00
Fluoranthene	44.5	ug/L	50.0	88.90	80.00-120.00	2.00U	3.54	6.18
Fluorene	39.1	ug/L	50.0	78.26	80.00-120.00	2.00U	7.55	15.14
Hexachlorobenzene	39.4	ug/L	50.0	78.82	80.00-120.00	1.00U	5.53	15.00
Hexachlorobutadiene	31.3	ug/L	50.0	62.62	80.00-120.00	2.00U	3.05	15.00

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PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Dec 14, 2011
Dec 29, 2011; Invoice: 165315

Quality Control Batch: 10188567 **Analyst:** CLS

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
Hexachlorocyclopentadiene	6.24	ug/L	50.0	12.48	21.11-153.35	2.00U	7.65	15.00
Hexachloroethane	31.6	ug/L	50.0	63.12	80.00-120.00	2.00U	1.13	15.00
Indeno(1,2,3-cd)pyrene	38.8	ug/L	50.0	77.60	80.00-120.00	0.200U	11.95	8.44
Isophorone	16.9	ug/L	50.0	33.84	80.00-120.00	2.00U	4.68	15.00
Naphthalene	33.2	ug/L	50.0	66.34	80.00-120.00	2.00U	4.28	8.55
N-Nitrosodimethylamine	22.3	ug/L	50.0	44.64	80.00-120.00	3.00U	1.07	15.00
N-Nitrosodiphenylamine	5.87	ug/L	50.0	11.74	80.00-120.00	2.00U	8.34	15.00
N-Nitrosodi-n-propylamine	32.6	ug/L	50.0	65.22	80.00-120.00	2.00U	6.23	15.00
o-Cresol	26.7	ug/L	50.0	53.32	80.00-120.00	2.00U	4.10	20.00
Pentachlorophenol	49.9	ug/L	50.0	99.84	80.00-120.00	0.400U	7.63	15.00
Phenanthrene	45.5	ug/L	50.0	90.92	80.00-120.00	2.00U	7.52	16.37
Phenol	31.0	ug/L	50.0	62.08	80.00-120.00	2.00U	4.92	15.00
Pyrene	39.6	ug/L	50.0	79.22	80.00-120.00	2.00U	11.70	10.60
p-Chloro-m-Cresol	35.7	ug/L	50.0	71.38	80.00-120.00	2.00U	0.64	15.00
p-Cresol	35.3	ug/L	50.0	70.64	80.00-120.00	2.00U	2.55	20.00
2,4,5-Trichlorophenol	40.5	ug/L	50.0	81.08	80.00-120.00	1.00U	5.28	20.00
2,4,6-Trichlorophenol	37.6	ug/L	50.0	75.10	80.00-120.00	2.00U	4.71	15.00
2,4-Dichlorophenol	33.6	ug/L	50.0	67.20	80.00-120.00	1.00U	0.65	15.00
2,4-Dimethylphenol	29.3	ug/L	50.0	58.68	80.00-120.00	2.00U	0.99	15.00
2,4-Dinitrophenol	40.1	ug/L	50.0	80.20	80.00-120.00	5.00U	0.70	15.00
2,4-Dinitrotoluene	40.6	ug/L	50.0	81.10	80.00-120.00	0.200U	4.18	15.00
2,6-Dinitrotoluene	42.2	ug/L	50.0	84.42	80.00-120.00	2.00U	7.46	15.00
2-Chloronapthalene	27.7	ug/L	50.0	55.32	80.00-120.00	2.00U	7.92	15.00
2-chlorophenol	31.6	ug/L	50.0	63.14	80.00-120.00	2.00U	0.85	15.00
2-methyl-Naphthalene	32.5	ug/L	50.0	65.00	23.63-87.85	2.00U	1.71	20.00
2-methyl-4,6-dinitrophenol	30.4	ug/L	50.0	60.82	80.00-120.00	2.00U	24.85	15.00
2-Nitrophenol	29.9	ug/L	50.0	59.76	80.00-120.00	2.00U	1.79	15.00
4-Bromophenylphenyl ether	42.9	ug/L	50.0	85.72	80.00-120.00	2.00U	5.54	15.00
4-Chlorophenylphenyl ether	42.6	ug/L	50.0	85.12	80.00-120.00	2.00U	7.16	15.00

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Dec 29, 2011; Invoice: 165315

Quality Control Batch: 10188567 **Analyst:** CLS

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
4-Nitrophenol	18.4	ug/L	50.0	36.80	80.00-120.00	2.00U	7.68	15.00

Quality Control Batch: 10188587 **Analyst:** TRB

Blank	**Result**	**Units**
Total Sulfide	0.100U	mg/L

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Total Sulfide	22.0	mg/L	20.0	110.00	80.00-120.00

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Narrative Report

Sample Handling
Sample handling and holding time criteria were met for all samples. Samples collected by FCL. 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.

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
Field Data

Qualifier	Meaning
U	Compound was analyzed for but not detected.
J	One or more QC samples associated with this data value exceeded QC limits.
J1	Surrogate recovery limits have been exceeded.
J2	No known quality control criteria exist for the component.
J3	Reported value failed to meet established quality control criteria for either precision or accuracy.
J4	Sample matrix interfered with the ability to make an accurate determination on the spiked sample.
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.
ZTNTC	Too numerous to count. Numeric value represents filtration volume.
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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  Altamonte Springs, FL 32701
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  Fax: 407-260-6110
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  Port St. Lucie, FL 34986
  Bus: 772-343-8006
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Client: Atkins
Project Name: Hardee County Landfill Leachate
P.O. #:
Address:
Client Contact:
FAX:
FCL Project Manager:
E-MAIL:
Phone:
Requested Due Date / 10 Day Standard OR:
Rush Charges May Apply
Sampled By (PRINT): Robert Carpenter FCL
Pick-Up Fee: $
Vehicle Surcharge: $
Sampling Fee: $ 8.2
Sampler Signature: Robert Carpenter
Date Sampled: 12/14/11

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_2SO_4	HNO_3	HCl	$Na_2S_2O_3$		Total Sulfides	NH_3 NO_3	Cl Tot Bicarb	Alk CN	Appl Metals + Hg Se As	Appl Sol Sol	Appl Vol	COMMENTS	Total # Containers
1	Park Phase I MW-9	12/14/11	11:00	WW	165315GW1							✓	✓	✓	✓	✓	✓	✓	✓	<6°C pH<2 pH>10	
2	Phase II	—	DRY	NO	Sample																
3	Trip Blank	12/14/11	06:00	DI	165315GW2														✓		
4																					
5																					
6	Field Data	pH	Temp	mg/L DO	Cond																
7	MW-9	6.19	24.9°C	1.10	1491																
8																					
9																					
10																					

Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
						Robert Carpenter	12/14/11	14:52			
										12/15/11	0636

FINANCE CHARGES APPLIED TO PAST DUE INVOICES

• **WHITE** - Lab Copy - To Be Scanned • **YELLOW** - Client Copy