ATKINS

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

July 31, 2013

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

Re: **Review of Semi-Annual Sampling Results**
First Half 2013 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 first half of 2013 sampling event for the facility referenced above. This document is designed to comply with the requirements of Specific Condition E.10 of the facility's permit, and was compiled in general accordance with the guidelines promulgated in Chapter 62-701.510(9) (a) of the Florida Administrative Code (FAC).

BACKGROUND

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

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

ATKINS

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 June 2013, sampling of the leachate was attempted at both locations during the first half 2013 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 if sufficient water is present.

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

FIRST HALF 2013 SAMPLING EVENT

The first half 2013 sampling event was conducted on June 20 and 21, 2013. 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 was performed by Atkins personnel, and analysis was performed by Flowers Chemical Laboratories, Inc. (FCL). FCL is a NELAC-certified laboratory. A FDEP Ground Water Monitoring Report form for the sampling event is provided in **Attachment A**.

Sample Collection Methodology

Prior to sampling the monitoring wells, each was purged with a peristaltic pump using the "low-flow" method. The surface water was also sampled with a peristaltic pump. 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 the piezometers listed in the permit. The water level measurements were subtracted from the TOC elevations to determine the elevation of the water table at each well and piezometer. The TOC elevations are referenced in feet above the National Geodetic Vertical Datum (NGVD). The groundwater sampling logs and field equipment calibration logs are provided in **Attachment B**.

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

ATKINS

FIRST HALF 2013 SAMPLING EVENT RESULTS

Groundwater Flow Pattern

Depth to groundwater measurements were collected at the eight monitoring wells and at 14 piezometers during this sampling event. The groundwater level elevation data from this event are presented in **Table 1**. The groundwater elevation data were plotted and contoured to generate the groundwater elevation contour map presented in **Figure 2**. The data indicated that the groundwater in the surficial aquifer beneath the landfill was flowing in a southerly and southeasterly direction at the time of this sampling event. The water table gradient measured approximately 0.00275 feet per foot beneath the site (as measured between well MW-1 and well MW-10R).

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

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

- pH - The standard for pH is any value within the range of 6.5 to 8.5. The pH values at all except one of the wells were below 6.5, and the pH measured as low as 4.39 at well MW-1. The pH values at both of the background monitoring wells, MW-1 and MW-4, were lower than the standard range.

- Iron - The standard for iron is 0.3 milligrams per liter (mg/L). The iron concentration in the samples collected at all wells except MW-12R exceeded the standard. The iron concentrations at both of the background wells were higher than the standard.

ATKINS

- Arsenic – Monitoring at this site has also been closely tracking arsenic concentrations in MW-4. The standard for arsenic is 0.01 mg/L. In June 2013, the arsenic concentration in MW-4 slightly exceeded the standard, at a value of 0.0141 mg/l. In 2011, the arsenic concentration also slightly exceeded the standard in the sample from MW-4. However, during June 2012 and January 2013, the arsenic concentration in MW-4 was below the standard (at a value of 0.00968 mg/L and 0.00753 mg/L, respectively). MW-4 is designated as a background well.

It should be noted that benzene was not detected above its standard during the June 2013 sampling event. As had occurred during the previous sampling event, the turbidity was high (41 NTU) at MW-1. The turbidity at that well could not be reduced after more than an hour of purging. The elevated turbidity at that well did not appear to have any effect on the analytical results, as the results (including metals) from that monitoring well were consistent with the other monitoring wells. Acetone and toluene were detected in selected monitoring wells, but their concentrations did not approach their MCLs.

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 no organic analytes 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. 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**.

Two metals, silver and mercury, were out of compliance with surface water criteria. Silver was detected at a concentration of 0.000540 mg/L (with an "I" qualifier), which is greater than the standard of 0.00007 mg/L. However, it should be noted that the silver concentration was less than the practical quantitation limit (PQL) established by the laboratory for silver. Mercury was detected at a concentration of 0.0000131 mg/L, which slightly exceeded the criteria of 0.000012 mg/L. The concentrations of silver and mercury are so low that there does not appear to be any significant impairment to the surface water quality at the site. (*Note: Surface water sample SW-2 was inadvertently labeled as "SW-1" in the field and on the laboratory chain-of-custody. All laboratory reports and field data that reference "SW-1" are actually for sampling location SW-2*).

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 June 21, 2013, and a sample was collected from the Manhole 9 (Phase I) location. The Phase II sample location was found to be dry.

ATKINS

There were numerous inorganic analytes and one organic analyte (bis-2-ethylhexyl phthalate) detected in the leachate sample. The concentration of every parameter that was detected in the leachate was compared to regulatory levels listed in 40 CFR Part 261.24, as required by the Florida solid waste regulations. There were no analytes in the leachate that exceeded the above-referenced criteria. A summary of the leachate water analytical results is presented in **Table 3** and the laboratory analytical report is provided in **Attachment C**.

SUMMARY AND CONCLUSIONS

The results of the first half 2013 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, surface water, and leachate, and very few organic analyte detections. There were three analytes detected in the groundwater outside of the regulatory standards: arsenic, pH, and iron were detected in the groundwater at concentrations in excess of the regulatory criteria. It should be noted that the primary parameters that were not in compliance with standards in the groundwater (pH and iron) were also not in compliance with standards in the background monitoring wells. The arsenic exceedance occurred only in the background well (MW-4).

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. Due to regulatory changes implemented in August 2012, the Hardee County Landfill facility is no longer required by the FDEP to sample the leachate. Continued sampling of leachate is at the discretion of the County. If you have any questions regarding the information presented in this report, please call me at (813) 281-8377 or Dave Deans at (407) 421-2011.

Very truly yours,

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

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

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: 7-31-13

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: June 2013

Test Site ID #: _____ Report Period: First Half 2013 (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

TABLES

Table 1
Groundwater Elevation Data
Hardee County Landfill
First Half 2013

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	4.35	83.62
MW-2	85.86	83.75	10.50	4	6.07	79.79
MW-4	87.16	84.09	18.90	2	6.05	81.11
MW-5	88.76	85.83	18.10	2	8.70	80.06
MW-8	88.98	85.80	13.50	2	8.50	80.48
MW-10R	88.56	85.49	15.12	2	8.65	79.91
MW-11	88.11	85.17	13.90	2	7.89	80.22
MW-12R	89.00	85.71	23.25	2	9.54	79.46
Piezometers						
MW-3	88.06	86.46	NA	2	5.65	82.41
MW-6	88.25	85.06	NA	2	NM	NM
MW-7	87.88	84.98	NA	2	7.14	80.74
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	2.88	81.59
P-8	85.32	83.25	NA	2	4.56	80.76
P-11	88.69	86.16	NA	2	7.78	80.91
P-13	87.96	87.98	NA	2	6.68	81.28
P-14	87.31	84.05	NA	2	5.37	81.94
P-15	87.72	89.62	NA	2	NM*	NM*
P-17	88.82	85.88	NA	2	5.72	83.10
P-18	88.74	84.37	NA	2	5.47	83.27
P-19	86.73	84.14	NA	2	4.45	82.28
P-20	87.6	84.68	NA	2	5.45	82.15
P-21	86.63	83.57	NA	2	6.32	80.31
P-22	87.04	84.09	NA	2	4.97	82.07
P-23	86.45	83.71	NA	2	6.15	80.30

NM = Not measured NM* = Not measured, recently abandoned.

Table 2
Groundwater Analytical Summary
Hardee County Landfill
First Half 2013

Analyte		Montoring Well:	MW-1	MW-2	MW-4	MW-5	MW-8	MW-10R	MW-11	MW-12R
		Sample Date:	6/20/2013	6/20/2013	6/20/2013	6/20/2013	6/20/2013	6/21/2013	6/21/2013	6/20/2013
	Standard[1]	Units								
Field Measurements										
Groundwater Elevation		ft	83.6	79.8	81.1	80.1	80.9	79.9	80.2	79.5
Temperature		deg. C	28.9	27.1	24.3	25.9	28.2	25.8	26.5	27.2
pH	6.5-8.5	STD	**4.39**	6.52	**5.82**	**5.50**	**6.17**	**5.86**	**4.68**	**6.28**
Conductivity		umhos/cm	127	418	275	166	563	394	39.0	377
Dissolved Oxygen (DO)		mg/l	0.730	0.380	0.910	0.430	1.07	0.680	0.560	1.01
Turbidity		NTU	41.0	2.50	3.20	2.12	13.3	1.90	1.5	5.50
Inorganics										
Nitrate (as N)	10	mg/l	0.192	0.0861	0.0433	0.0261	0.0100 U	0.0711	0.0100 U	1.30
TDS	500	mg/l	242	268	288	142	442	272	62.0	294
Chloride	250	mg/l	8.35	11.2	15.4	8.62	8.55	17.3	4.11 I	4.00 U
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	0.00294	0.00144 I	**0.0141**	0.00188 I	0.00212	0.00245	0.00100 U	0.00137 I
Barium	2	mg/l	0.0130	0.0244	0.0133	0.00288 I	0.00699	0.0154	0.00673	0.00507
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	0.00503	0.00251	0.00671	0.00346	0.00312	0.00273	0.00279	0.00349
Cobalt		mg/l	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U
Copper	1	mg/l	0.00103 I	0.00100 U	0.00100 U	0.00100 U	0.00430	0.00100 U	0.00100 U	0.00207
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	0.0000429	0.0000200 U	0.0000393 I	0.0000200 U	0.0000879	0.0000474
Nickel	0.1	mg/l	0.00467	0.00334	0.00386	0.00219	0.00981	0.00297	0.00303	0.00423
Selenium	0.05	mg/l	0.00200 U	0.00200 U	0.00200 U	0.00200 U	0.00200 U	0.00200 U	0.00200 U	0.00200 U
Silver	0.1	mg/l	0.000520 I	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	0.0163	0.00231	0.0147	0.00142 I	0.00436	0.00185 I	0.00431	0.00769
Zinc	5	mg/l	0.0100 U	0.0100 U	0.0100 U	0.0100 U	0.0414	0.0100 U	0.0100 U	0.0381
Ammonia (as N)	2.8	mg/l	0.0100 U	0.0100 U	0.0300	0.0100 U	0.423	0.138	0.0100 U	0.0100 U
Iron	0.3	mg/l	**8.47**	**9.15**	**14.7**	**3.76**	**4.16**	**15.3**	**0.591**	0.0724
Sodium	160	mg/l	11.0	29.2	16.3	9.17	10.1	18.8	5.83	5.80
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	6300	ug/l	7.31 I	5.00 U	5.00 U	5.00 U	141	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	0.500 U	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	1.04	0.500 U	0.500 U	0.500 U
Trichloroethene	3	ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Trichlorofluoromethane		ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Vinyl Acetate		ug/l	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Vinyl chloride	1	ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.950 J	0.500 U	0.500 U	0.500 U
Xylenes	10000	ug/l	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
cis-1,2-Dichloroethene	70	ug/l	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U
cis-1,3-Dichloropropene		ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
o-Dichlorobenzene	600	ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
trans-1,2-Dichloroethene	100	ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
trans-1,3,-Dichloropropene		ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
trans-1,4-Dichloro-2-butene		ug/l	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

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

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

Table 3
Surface Water Analytical Summary
Hardee County Landfill
First Half 2013

Analyte		Location:	SW-2
		Sample Identifier:	SW-1
		Date of Test:	6/21/2013
	Standard(1)	Units	
Field Measurements			
Temperature		deg. C	32.9
pH	6-8.5	STD	6.02
Conductivity	1275	umhos/cm	39.0
Dissolved Oxygen (DO)	>5	mg/1	5.77
Turbidity	29+	NTU	2.03
Inorganics			
Nitrate (as N)		mg/L	0.0100 U
Nitrite (as N)		mg/L	0.0200 U
Total Dissolved Solids (TDS)		mg/L	64.0
Aluminum		mg/L	0.0705
Antimony	4.3	mg/L	0.00200 U
Arsenic	0.05	mg/L	0.00100 U
Barium		mg/L	0.00200 U
Beryllium	0.00013	mg/L	0.000500 U
Cadmium	Note 2	mg/L	0.00100 U
Chromium	Note 3	mg/L	0.00226
Cobalt		mg/L	0.00100 U
Copper	Note 4	mg/L	0.00102 I
Iron	1	mg/L	0.0770
Lead	Note 5	mg/L	0.00100 U
Mercury	0.000012	mg/L	**0.0000131**
Nickel	Note 6	mg/L	0.00100 U
Selenium	5	mg/L	0.00200 U
Silver	0.00007	mg/L	**0.000540 I**
Thallium	0.0063	mg/L	0.00100 U
Vanadium	0.049	mg/L	0.00100 U
Zinc	Note 7	mg/L	0.0100 U
Fecal coliform	800	cfu/100mL	200 TNTC
Total Hardness (as CaCO3)		mg/L	25.3
Total Organic Carbon (TOC)		mg/L	8.35
Total Nitrogen		mg/L	0.777
Total Phosphorus		mg/L	0.334
Total Suspended Solids (TSS)		mg/L	1.00 U
Un-ionized Ammonia	0.02	mg/L	0.000100 U
Biological Oxygen Demand (BOD)		mg/l	2.27
Chemical Oxygen Demand (COD)		mg/L	48.5
Chlorophyll A		mg/m3	1.69 I
Total Kheldahl Nitrogen (TKN) (as N)		mg/l	0.777
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
1,2-Dichloropropane	14	ug/l	0.200 U

Analyte		Location:	SW-2
		Sample Identifier:	SW-1
		Date of Test:	6/21/2013
	Standard(1)	Units	
1,2,3-Trichloropropane	0.2	ug/l	0.0200 U
1,2-Dibromoethane (EDB)	13	ug/l	0.0100 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	0.500 U
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
First Half 2013

Analyte		Location:	Phase I Leachate
		Sample Identifier:	Manhole 9
		Date of Sample:	06/21/13
	Standard(1)	Units	
Field Measurements			
Temperature		deg. C	27.3
pH		STD	6.25
Conductivity		umhos/cm	668
Dissolved Oxygen (DO)		mg/1	0.650
Inorganics			
Antimony		mg/L	0.00200 U
Arsenic	5	mg/L	0.00359
Barium	100	mg/L	0.0292
Beryllium		mg/L	0.000500 U
Cadmium	1	mg/L	0.00100 U
Chloride		mg/L	71.9
Chromium	5	mg/L	0.00713
Cobalt		mg/L	0.00154 I
Copper		mg/L	0.00782
Cyanide		mg/L	0.00500 U
Iron		mg/L	17.0
Lead	5	mg/L	0.00403
Mercury	0.2	mg/L	0.0000365 I
Nickel		mg/L	0.0100
Nitrate		mg/L	0.0100 U
Selenium	1	mg/L	0.00270 I
Silver	5	mg/L	0.000500 U
Sodium		mg/L	74.1
Sulfide		mg/L	1.44
Total Alkalinity (as CaCO3)		mg/l	203
Total Ammonia - N		mg/L	10.5
Thallium		mg/L	0.00100 U
Tin as SN		mg/L	0.00500 U
Total Dissolved Solids (TDS)		mg/L	746
Vanadium		mg/L	0.0107
Zinc		mg/L	0.101
Pesticides & Herbicides			
2,4,5-T		ug/l	0.250 U
2,4,5-TP (Silvex)	1,000	ug/l	0.250 U
2,4-D	10,000	ug/l	0.250 U
4,4-DDD		ug/l	0.0200 U
4,4-DDE		ug/l	0.0200 U
4,4-DDT		ug/l	0.0200 U
a-BHC		ug/l	0.0200 U
Aldrin		ug/l	0.0200 U
b-BHC		ug/l	0.0100 U
Chlordane	30	ug/l	0.0100 U
d-BHC		ug/l	0.0100 U
Dieldrin		ug/l	0.0200 U
Dinoseb		ug/l	0.250 U
Endosulfan Sulfate		ug/l	0.0200 U
Endosulfan-I		ug/l	0.0100 U
Endosulfan-II		ug/l	0.0100 U
Endrin	20	ug/l	0.0100 U
Endrin Aldehyde		ug/l	0.0200 U
g-BHC (Lindane)	400	ug/l	0.0100 U
Heptachlor	130	ug/l	0.0100 U
Heptachlor Epoxide	130	ug/l	0.0100 U
Methoxychlor	10,000	ug/l	0.0100 U
Pentachlorophenol	100,000	ug/l	0.400 U
Toxaphene	500	ug/l	0.500 U

Analyte		Location:	Phase I Leachate
		Sample Identifier:	Manhole 9
		Date of Sample:	06/21/13
	Standard(1)	Units	
PCBs			
Arochlor 1016		ug/l	0.100 U
Arochlor 1221		ug/l	0.100 U
Arochlor 1232		ug/l	0.100 U
Arochlor 1242		ug/l	0.100 U
Arochlor 1248		ug/l	0.100 U
Arochlor 1254		ug/l	0.100 U
Arochlor 1260		ug/l	0.100 U
Organics, Acid Extractables			
2,4,6-Trichlorophenol	2,000	ug/l	10.0 U
2,3,4,6-Tetrachlorophenol		ug/l	10.0 U
2,4,5-Trichlorophenol	400,000	ug/l	5.00 U
2,4-Dichlorophenol		ug/l	5.00 U
2,4-Dimethylphenol		ug/l	10.0 U
2,4-Dinitrophenol		ug/l	25.0 U
2,6-Dichlorophenol		ug/l	5.00 U
2-Nitrophenol		ug/l	10.0 U
4-Nitrophenol		ug/l	10.0 U
Phenol		ug/l	10.0 U
Base Neutrals			
1,2,4,5-Tetrachlorobenzene		ug/l	10.0 U
1,4-Naphthoquinone		ug/l	50.0 U
1-Naphthylamine		ug/l	50.0 U
2,4-Dinitrotoluene	130	ug/l	1.00 U
2,6-Dinitrotoluene		ug/l	50.0 U
2-Acetylaminoflourene		ug/l	50.0 U
2-Chloronaphthalene		ug/l	10.0 U
2-Chlorophenol		ug/l	10.0 U
2-Methyl-4,6-dinitrophenol		ug/l	10.0 U
2-Methylnaphthalene		ug/l	10.0 U
2-Naphthylamine		ug/l	10.0 U
p-Nitroaniline		ug/l	10.0 U
3,3-Dichlorobenzidine		ug/l	10.0 U
3,3-Dimethylbenzidine		ug/l	10.0 U
3-Methylcholanthrene		ug/l	50.0 U
4-Aminobiphenyl		ug/l	50.0 U
4-Bromophenyl-phenylether		ug/l	10.0 U
4-Chlorophenylphenylether		ug/l	10.0 U
5-Nitro-o-toluidine		ug/l	10.0 U
7,12-Dimethylbenz(a)anthracene		ug/l	50.0 U
Acenaphthene		ug/l	10.0 U
Acenaphthylene		ug/l	10.0 U
Acetophenone		ug/l	50.0 U
Anthracene		ug/l	10.0 U
Benzo(a)anthracene		ug/l	1.00 U
Benzo(a)pyrene		ug/l	5.00 U
Benzo(b)flouranthene		ug/l	0.500 U
Benzo(g,h,i)perylene		ug/l	10.0 U
Benzo(k)flouranthene		ug/l	5.0 U
Benzyl alcohol		ug/l	25.0 U
Bis(2-chloroethoxy)methane		ug/l	10.0 U
Bis(2-chloroethyl)ether		ug/l	10.0 U
Bis(2-ethylhexyl)phthalate		ug/l	21.5 I
Butylbenzylphthalate		ug/l	15.0 U
Chlorobenzilate		ug/l	4.00 U
Chrysene		ug/l	10.0 U
Diallate		ug/l	10.0 U

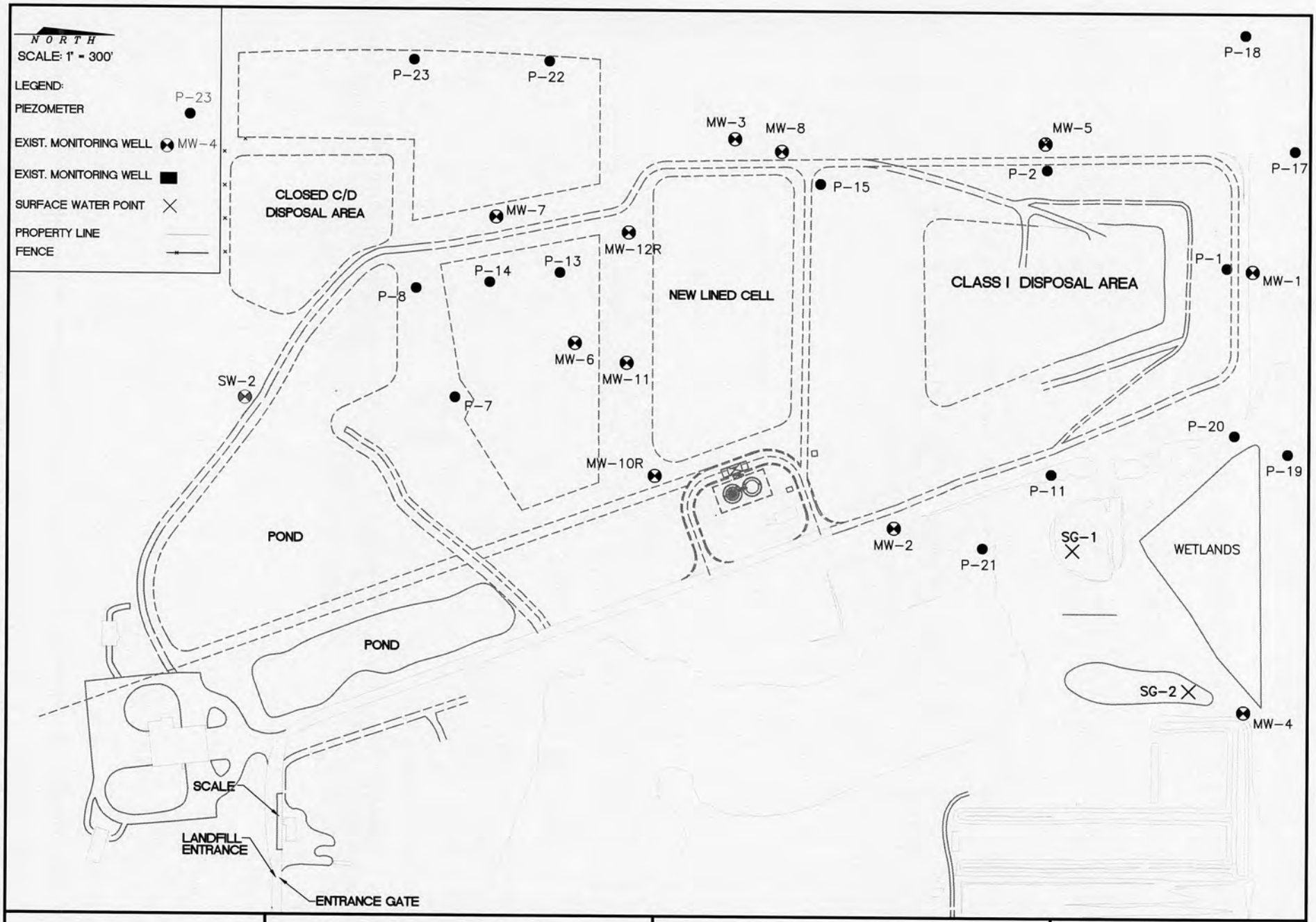
Analyte		Location:	Phase I Leachate
		Sample Identifier:	Manhole 9
		Date of Sample:	06/21/13
	Standard(1)	Units	
Dibenz(a,h)anthracene		ug/l	1.00 U
Dibenzofuran		ug/l	25.0 U
Diethylphthalate		ug/l	15.0 U
Dimethoate		ug/l	10.0 U
Dimethylphthalate		ug/l	15.0 U
Di-N-butylphthalate		ug/l	15.0 U
Di-N-octylphthalate		ug/l	15.0 U
Disulfoton		ug/l	0.300 U
Ethyl methanesulfonate		ug/l	100.0 U
Famphur		ug/l	10.0 U
Flouranthene		ug/l	10.0 U
Flourene		ug/l	10.0 U
Hexachlorobenzene	130	ug/l	5.00 U
Hexachlorobutadiene	500	ug/l	10.0 U
Hexachlorocyclopentadiene		ug/l	10.0 U
Hexachloroethane	3,000	ug/l	10.0 U
Hexylchloropropene		ug/l	50.0 U
Indeno(1,2,3-cd)pyrene		ug/l	1.00 U
Isodrin		ug/l	100.0 U
Isophorone		ug/l	10.0 U
Isosafrole		ug/l	10.0 U
Kepone		ug/l	2.00 U
Methapyrilene		ug/l	100.0 U
Methyl parathion		ug/l	0.500 U
Methyl methanesulfonate		ug/l	50.0 U
Nitrobenzene	2,000	ug/l	10.0 U
N-Nitrosodiethylamine		ug/l	15.0 U
N-Nitrosodimethylamine		ug/l	15.0 U
N-Nitroso di-n-butylamine		ug/l	10.0 U
N-Nitrosodi-n-propylamine		ug/l	10.0 U
N-Nitrosodiphenylamine		ug/l	15.0 U
N-Nitrosomethylmethylamine		ug/l	15.0 U
N-Nitrosopiperidine		ug/l	50.0 U
N-Nitrosopyrrolidine		ug/l	10.0 U
O,O-Diethyl-0,2-pyrazinylphosphorothioate		ug/l	50.0 U
O,O,O-Triethylphosphorothioate		ug/l	50.0 U
Ortho-toluidine		ug/l	10.0 U
P-(Dimethlamino)azobenzene		ug/l	50.0 U
P-Chloro-m-creosol		ug/l	10.0 U
P-Chloroaniline		ug/l	50.0 U
P- Creosol		ug/l	10.0 U
P-Phenylenediamine		ug/l	50.0 U
P-nitroaniline		ug/l	10.0 U
Pentachlorobenzene		ug/l	1.50 U
Pentachloronitrobenzene		ug/l	1.50 U
Phenacetin		ug/l	100.0 U
Phenanathrene		ug/l	10.0 U
Phorate		ug/l	1.00 U
Pronamide		ug/l	50.0 U
Pyrene	5,000	ug/l	10.0 U
Saffrole		ug/l	50.0 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:	06/21/13
	Standard(1)	Units	
1,1-Dichloropropene		ug/l	0.200 U
1,2,3-Trichloropropane		ug/l	0.0200 U
1,2,4-Trichlorobenzene		ug/l	0.500 U
1,2-Dichloroethane	500	ug/l	0.500 U
1,2-Dichloropropane		ug/l	0.200 U
1,3-Dichloropropane		ug/l	0.300 U
2,2-Dichloropropane		ug/l	0.500 U
2-Butanone (MEK)	200,000	ug/l	0.500 U
2-Hexanone		ug/l	0.500 U
Acetone		ug/l	5.00 U
Acetonitrile		ug/l	1.00 U
Acrolein		ug/l	3.50 U
Acrylonitrile		ug/l	0.300 U
Benzene	500	ug/l	0.500 U
Bromochloromethane		ug/l	0.100 U
Bromodichloromethane		ug/l	0.100 U
Bromoform		ug/l	0.500 U
Bromomethane		ug/l	0.500 U
Carbon disulfide		ug/l	1.00 U
Carbon tetrachloride	500	ug/l	0.500 U
Chlorobenzene	100,000	ug/l	0.500 U
Chloroethane		ug/l	0.500 U
Chloroform	6,000	ug/l	0.500 U
Chloromethane		ug/l	0.500 U
Chloroprene		ug/l	5.00 U
cis-1,2-Dichloroethene		ug/l	0.200 U
cis-1,3-Dichloropropene		ug/l	0.500 U
Dibromochloromethane		ug/l	0.400 U
Dibromomethane		ug/l	0.500 U
Dichlorodifluoromethane		ug/l	0.500 U
Ethyl methacrylate		ug/l	0.500 U
Ethylbenzene		ug/l	0.500 U
Isobutyl alcohol		ug/l	1.00 U
m-Dichlorobenzene		ug/l	0.500 U
o-Dichlorobenzene		ug/l	0.500 U
Methacrylonitrile		ug/l	0.500 U
Methyl methacrylate		ug/l	2.00 U
Methylene chloride		ug/l	1.00 U
Naphthalene		ug/l	2.00 U
Para-dichlorobenzene		ug/l	0.540 I
Propionitrile		ug/l	1.00 U
Styrene		ug/l	0.500 U
Tetrachloroethene	700	ug/l	0.500 U
Toluene		ug/l	0.500 U
Total xylenes		ug/l	1.00 U
trans-1,2-Dichloroethene		ug/l	0.500 U
trans-1,3-Dichloropropene		ug/l	0.500 U
trans-1,4-Dichloro-2-butene		ug/l	1.00 U
Trichloroethene	500	ug/l	0.500 U
Trichlorofluoromethane		ug/l	0.500 U
Vinyl acetate		ug/l	5.00 U
Vinyl chloride	200	ug/l	0.500 U

Notes: (1) - Regulatory standard listed in 40 CFR Part 261.24. I = between MDL and PQL

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

FIGURES



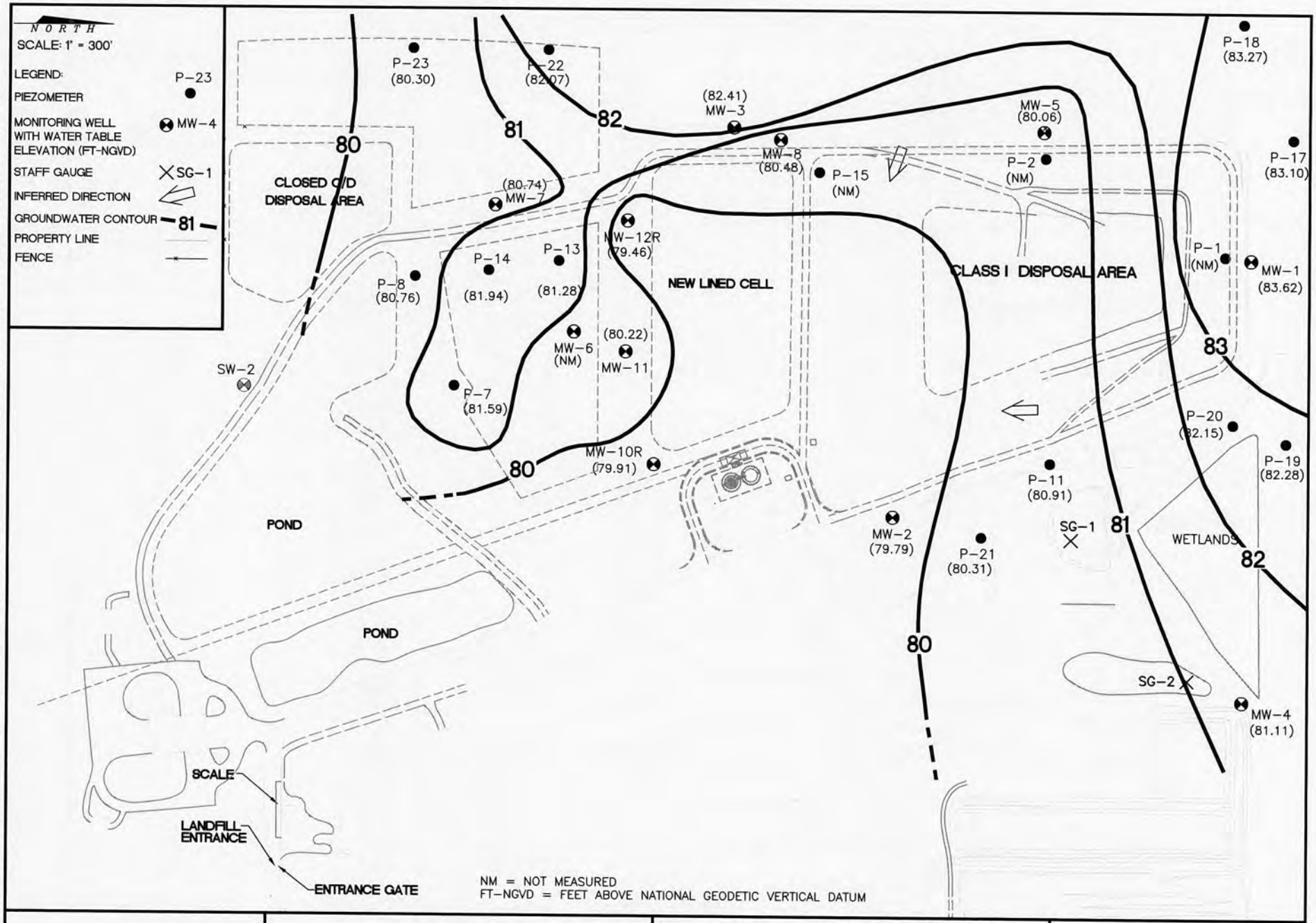
ATKINS

HARDEE COUNTY LANDFILL

MONITORING POINTS

FIGURE 1

K:\BRAD BAYNE\Hardee County Landfill\January 2013 Figures\FIG-1_MONITORING POINTS.dwg Feb 07, 2013 - 4:28pm



NM = NOT MEASURED
FT-NGVD = FEET ABOVE NATIONAL GEODETIC VERTICAL DATUM

ATKINS

HARDEE COUNTY LANDFILL

WATER TABLE ELEVATION CONTOUR MAP FIRST HALF 2013

FIGURE 2

F:\COMMON\BRAD BAYNE\Hardee County Landfill\July 2013 Figures\FIG-2_WATER TABLE ELEVATION - CONTOUR MAP-SECOND HALF 2013.dwg Jul 26, 2013 - 10:25am

ATTACHMENT B

Groundwater Sampling Logs and Field Equipment Calibration Logs

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: HARDEE COUNTY LANDFILL	SITE LOCATION: 685 AIRPORT RD, WAUCHULA, FL
WELL NO: MW-1	SAMPLE ID: / DATE: 6/20/13

PURGING DATA

WELL DIAMETER (inches): 4	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 4.35	PURGE PUMP TYPE OR BAILER:

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (12.70 feet – 4.35 feet) X 0.16 gallons/foot = 1.33 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: 11:40	PURGING ENDED AT: 12:50	TOTAL VOLUME PURGED (gallons): 7.00

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
12:20	4.00	4.00	0.10	5.34	4.21	29.19	137	1.30	41.4	CLEAR	NONE
12:25	0.50	4.50	0.10	5.34	4.42	28.91	128	1.09	42.6	"	"
12:30	0.50	5.00	0.10	5.34	4.41	28.79	128	1.37	40.9	"	"
12:35	0.50	5.50	0.10	5.34	4.40	28.86	127	1.09	40.2	"	"
12:40	0.50	6.00	0.10	5.34	4.38	28.96	127	0.80	42.0	"	"
12:45	0.50	6.50	0.10	5.34	4.38	28.91	127	0.78	42.5	"	"
12:50	0.50	7.00	0.10	5.34	4.39	28.90	127	0.73	41.0	"	"

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" = 0.0005; 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: RAYMUNDO CASTRO	SAMPLER(S) SIGNATURE(S): Raymundo Castro	SAMPLING INITIATED AT: 12:51	SAMPLING ENDED AT: 12:53
PUMP OR TUBING DEPTH IN WELL (feet): 10	TUBING MATERIAL CODE: S+PE	FIELD-FILTERED: Y N Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y N	TUBING Y N (replaced)	DUPLICATE: Y N	

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

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: 685 AIRPORT RD, WAUCHULA, FL	
WELL NO: MW-2	SAMPLE ID: MW-2		DATE: 6/20/13

PURGING DATA

WELL DIAMETER (inches): 4	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 6.07	PURGE PUMP TYPE OR BAILER: PERISTALTIC

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (13.10 feet – 6.07 feet) x 0.16 gallons/foot = 1.12 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 9	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 9	PURGING INITIATED AT: 9:40	PURGING ENDED AT: 10:30	TOTAL VOLUME PURGED (gallons): 5.00

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
10:20	4.00	4.00	0.10	7.87	6.53	27.08	418	0.36	2.71	CLEAR	NONE	
10:25	0.50	4.50	0.10	7.89	6.53	27.08	418	0.52	2.50	"	"	6.70
10:30	0.50	5.00	0.10	7.92	6.52	27.08	418	0.38	2.50	"	"	4.70

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: RAYMUNDO CASTRO	SAMPLER(S) SIGNATURE(S): Raymundo Castro	SAMPLING INITIATED AT: 10:31	SAMPLING ENDED AT: 10:33
PUMP OR TUBING DEPTH IN WELL (feet): 9	TUBING MATERIAL CODE: SIPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING (Y) N (replaced)	DUPLICATE: Y (N)	

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

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: 6B5 AIRPORT RD, WAUCHULA, FL
WELL NO: MW-4	SAMPLE ID: MW-4 / DATE: 6/20/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 6.05	PURGE PUMP TYPE OR BAILER: PERISTALTIC

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (21.60 feet – 6.05 feet) X 0.16 gallons/foot = 2.49 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): Ø	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Ø	PURGING INITIATED AT: 10:43	PURGING ENDED AT: 11:23	TOTAL VOLUME PURGED (gallons): 4.00

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
11:13	3.00	3.00	0.10	6.87	5.77	24.36	276	0.80	3.07	CLEAR	NONE	9.7
11:18	0.50	3.50	0.10	6.87	5.82	24.31	275	0.91	3.30	"	"	"
11:23	0.50	4.00	0.10	6.87	5.82	24.32	275	0.91	3.20	"	"	"

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./FL): 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: RAYMUNDO CASTRO	SAMPLER(S) SIGNATURE(S): Raymundo Castro	SAMPLING INITIATED AT: 11:24	SAMPLING ENDED AT: 11:27
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: S+PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING (Y) N (replaced)	DUPLICATE: Y (N)	

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

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: 685 AIRPORT RD, WAUCHULA FL	
WELL NO: MW-5	SAMPLE ID: MW-5		DATE: 6/20/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 8.70	PURGE PUMP TYPE OR BAILER: PERISTALTIC

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (20.75 feet – 8.70 feet) X 0.16 gallons/foot = 1.93 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): 12	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 12	PURGING INITIATED AT: 13:10	PURGING ENDED AT: 13:45	TOTAL VOLUME PURGED (gallons): 3.5

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
13:35	2.50	2.50	0.10	8.90	5.50	25.85	166	0.38	2.94	CLEAR	NONE	4.7
13:40	0.50	3.00	0.10	8.90	5.50	25.86	166	0.40	2.37	"	"	5.0
13:45	0.50	3.50	0.10	8.90	5.50	25.86	166	0.43	2.12	"	"	5.2

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./FL): 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: RAYMUNDO CASTRO	SAMPLER(S) SIGNATURE(S): Raymundo Castro	SAMPLING INITIATED AT: 13:46	SAMPLING ENDED AT: 13:48
PUMP OR TUBING DEPTH IN WELL (feet): 12	TUBING MATERIAL CODE: STPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING (Y) N (replaced)	DUPLICATE: Y (N)	

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

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: 695 AIRPORT RD, WAUCHULA, FL	
WELL NO: MW-8	SAMPLE ID: MW-8		DATE: 6/20/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 8.05	PURGE PUMP TYPE OR BAILER: PERISTALTIC

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (13.15 feet – 8.05 feet) X 0.16 gallons/foot = 0.816 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: 14:01	PURGING ENDED AT: 14:21	TOTAL VOLUME PURGED (gallons): 2.00

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
14:11	1.00	1.00	0.10	8.25	6.17	28.17	565	1.90	18.5	CLEAR	NONE
14:16	0.50	1.50	0.10	8.30	6.16	28.18	563	1.52	15.1	"	"
14:21	0.50	2.00	0.10	8.31	6.17	28.19	563	1.07	13.3	"	"

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: RAYMUNDO CASTRO	SAMPLER(S) SIGNATURE(S): Raymundo Castro	SAMPLING INITIATED AT: 14:22	SAMPLING ENDED AT: 14:24
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: S+PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING (Y) N (replaced)	DUPLICATE: Y (N)	

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

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: 685 AIRPORT RD, WAUCHULA, FL
WELL NO: MW-10R	SAMPLE ID: MW-10R / DATE: 6/21/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 8.65	PURGE PUMP TYPE OR BAILER: PERISTALTIC

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (23.08 feet – 8.65 feet) X 0.16 gallons/foot = 2.30 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): 2	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 1/4	PURGING INITIATED AT: 8:45	PURGING ENDED AT: 9:25	TOTAL VOLUME PURGED (gallons): 4.00

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm ~~or~~ µS/cm	DISSOLVED OXYGEN (circle units) ~~mg/L~~ or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
9:15	3.00	3.00	0.10	8.88	5.84	25.81	395	0.74	2.10	CLEAR	NONE
9:20	0.50	3.50	0.10	8.88	5.86	25.76	394	0.69	2.50	"	"
9:25	0.50	4.00	0.10	8.88	5.86	25.75	394	0.68	1.90	"	"

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: RAYMUNDO CASTRO	SAMPLER(S) SIGNATURE(S): Raymundo Castro	SAMPLING INITIATED AT: 9:26	SAMPLING ENDED AT: 9:28
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: STPE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING (Y) N (replaced)	DUPLICATE: Y (N)	

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

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: 695 AIRPORT RD, WAUCHULA, FL	
WELL NO: MW-11	SAMPLE ID: MW-11		DATE: 6/21/13

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 7.89	PURGE PUMP TYPE OR BAILER: PERISTALTIC

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (13.90 feet – 7.89 feet) X 0.16 gallons/foot = 0.98 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): 12	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 12	PURGING INITIATED AT: 7:55	PURGING ENDED AT: 8:20	TOTAL VOLUME PURGED (gallons): 2.50

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)	ODOR (describe)
8:10	1.50	1.50	0.10	8.02	4.67	26.48	39	0.64	2.05	CLEAR	NONE
8:15	0.50	2.00	0.10	8.02	4.68	26.48	39	0.59	1.19	"	"
8:20	0.50	2.50	0.10	8.02	4.68	26.47	39	0.56	1.52	"	"

7.9

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: RAYMUNDO CASTRO	SAMPLER(S) SIGNATURE(S): Raymundo Castro	SAMPLING INITIATED AT: 8:21	SAMPLING ENDED AT: 8:23
PUMP OR TUBING DEPTH IN WELL (feet): 12	TUBING MATERIAL CODE: S+PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING (Y) N (replaced)	DUPLICATE: Y (N)	

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

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: 685 AIRPORT RD, WAUCHULA, FL
WELL NO: MW-12R	SAMPLE ID: MW-12R	DATE: 6/20/13

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 9.54	PURGE PUMP TYPE OR BAILER: PERISTALTIC

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (23.04 feet – 9.54 feet) X 0.16 gallons/foot = 2.16 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): 13	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 13	PURGING INITIATED AT: 15:50	PURGING ENDED AT: 16:25	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 µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
16:15	2.50	2.50	0.10	10.41	6.27	27.20	375	1.30	1.35	CLEAR	NONE
16:20	0.50	3.00	0.10	10.41	6.28	27.20	378	1.21	16.50	"	"
16:25	0.50	3.50	0.10	10.41	6.28	27.20	377	1.01	5.50	"	"

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./FL): 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: RAYMUNDO CASTRO	SAMPLER(S) SIGNATURE(S): Raymundo Castro	SAMPLING INITIATED AT: 16:26	SAMPLING ENDED AT: 16:28
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: S+PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING (Y) N (replaced)	DUPLICATE: Y (N)	

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

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: 605 AIRPORT RD, WAUCHULA, FL	
WELL NO: SW-1	SAMPLE ID: SW-1		DATE: 6/21/13

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: PERISTALTIC

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = 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):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 11:11	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
11:16					6.02	32.91	39	5.73	2.51	CLEAR	NONE
11:21					6.02	32.91	39	5.77	2.03	"	"

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: RAYMUNDO CASTRO	SAMPLER(S) SIGNATURE(S): Raymundo Castro	SAMPLING INITIATED AT: 11:22	SAMPLING ENDED AT: 11:24
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: S + PE	FIELD-FILTERED: Y N Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y N	TUBING Y N (replaced)	DUPLICATE: Y N	

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

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: 6885 AIRPORT RD, WAUCHULA, FL	
WELL NO: MH-9	SAMPLE ID: MH-9		DATE: 6/21/13

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): N/A	PURGE PUMP TYPE OR BAILER: PERISTALTIC

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = 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):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 9:55	PURGING ENDED AT: 10:05	TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
10:00					6.24	27.30	661	0.70	70.1	ORANGE	NONE
10:05					6.25	27.32	668	0.65	69.0	"	"

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: RAYMUNDO CASTRO	SAMPLER(S) SIGNATURE(S): Raymundo Castro	SAMPLING INITIATED AT: 10:06	SAMPLING ENDED AT: 10:10
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE:	FIELD-FILTERED: Y N Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y N	TUBING Y N (replaced)	DUPLICATE: Y N	

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

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

Field Instrument Calibration Records

INSTRUMENT (MAKE/MODEL#) YSI MODEL 556 **INSTRUMENT #** 11101K100957
RENTED FROM CYCLONE INSTRUMENTS.

PARAMETER: *[check only one]*

☐ TEMPERATURE ☒ CONDUCTIVITY ☐ SALINITY ☐ pH ☐ ORP
☐ TURBIDITY ☐ RESIDUAL CL ☐ DO ☐ OTHER _____

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

Standard A 1500 uS
Standard B _____
Standard C _____

DATE (yy/mm/dd)	TIME (hr:min)	STD (A,B,C)	STD VALUE	INSTRUMENT RESPONSE	% DEV	CALIBRATED (YES, NO)	TYPE (YES, NO)	TYPE (INIT, CONT)	SAMPLER INITIALS
6/20/13	9:25	A	1500	1499	<0.1	YES	YES	INIT.	RGC
6/21/13	9:50	A	1500	1498	<0.1	YES	YES	INIT.	RGC

Field Instrument Calibration Records

INSTRUMENT (MAKE/MODEL#) YSI MODEL 556 **INSTRUMENT #** 11101K100957
RENTED FROM CYCLONE INSTRUMENTS.

PARAMETER: *[check only one]*

☐ TEMPERATURE ☐ CONDUCTIVITY ☐ SALINITY ☐ pH ☐ ORP
☐ TURBIDITY ☐ RESIDUAL CL ☒ DO ☐ OTHER _____

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

Standard A 100 %
Standard B _____
Standard C _____

DATE (yy/mm/dd)	TIME (hr:min)	STD (A,B,C)	STD VALUE	INSTRUMENT RESPONSE	% DEV	CALIBRATED (YES, NO)	TYPE (YES, NO)	TYPE (INIT, CONT)	SAMPLER INITIALS
6/20/13	9:28	A	100	99	<0.1	YES	YES	INIT	RGC
6/21/13	9:28	A	100	98	<0.1	YES	YES	INIT	RGC

Field Instrument Calibration Records

INSTRUMENT (MAKE/MODEL#) YSI MODEL 556 **INSTRUMENT #** 11101K100957
RENTED FROM CYCLONE INSTRUMENTS.

PARAMETER: *[check only one]*

☐ TEMPERATURE ☐ CONDUCTIVITY ☐ SALINITY ☒ pH ☐ ORP
☐ TURBIDITY ☐ RESIDUAL CL ☐ DO ☐ OTHER _____

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

Standard A pH 4
Standard B pH 7
Standard C _____

DATE (yy/mm/dd)	TIME (hr:min)	STD (A,B,C)	STD VALUE	INSTRUMENT RESPONSE	% DEV	CALIBRATED (YES, NO)	TYPE (YES, NO)	TYPE (INIT, CONT)	SAMPLER INITIALS
6/20/13	9:27	A	4.00	4.00	<0.1	YES	YES	INIT	RGC
6/20/13	9:27	B	7.00	6.99	<0.1	YES	YES	INIT	RGC
6/21/13	9:52	A	4.00	3.99	<0.1	YES	YES	INIT	RGC
6/21/13	9:52	B	7.00	6.98	<0.1	YES	YES	INIT	RGC

Field Instrument Calibration Records

INSTRUMENT (MAKE/MODEL#) HANNA TURBIDITY METER MOD. H198703 – RENTED FROM CYCLONE INSTRUMENTS **INSTRUMENT #** 08563204

PARAMETER: *[check only one]*

- ☐ TEMPERATURE
- ☐ CONDUCTIVITY
- ☐ SALINITY
- ☐ pH
- ☐ ORP
- ☒ TURBIDITY
- ☐ RESIDUAL CL
- ☐ DO
- ☐ OTHER _____

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

Standard A <0.1 NTU
Standard B 15 NTU
Standard C _____

DATE (yy/mm/dd)	TIME (hr:min)	STD (A,B,C)	STD VALUE	INSTRUMENT RESPONSE	% DEV	CALIBRATED (YES, NO)	TYPE (YES, NO)	TYPE (INIT, CONT)	SAMPLER INITIALS
6/20/13	9:30	A	<0.1	0.1	<0.1	YES	YES	INIT	RGC
6/21/13	9:30	B	15	14.9	<0.1	YES	YES	INIT	RGC

ATTACHMENT C

Groundwater, Surface Water, and Leachate Laboratory 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-Tampa
4030 W. Boy Scout Blvd, Ste 700
Tampa,FL 33607

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 1, 2013; Invoice: 208256

Report Summary

Date Received: Jun 21, 2013

FCL Project Manager: June S. Flowers

Laboratory #	Sample Description	Analysis	Chemist	Location	SampleMatrix
208256GW1	MW #1/296	EPA350.1	PCW	Main Lab	Ground Water
		EPA353.2	PCW	Main Lab	
		EPA6010	EVB	Main Lab	
		EPA6020	EVB	Main Lab	
		EPA7470	EVB	Main Lab	
		EPA8011	DLJ	Main Lab	
		EPA8260	CLS	Main Lab	
		FT1000	RJC	Main Lab	
		FT1100	RJC	Main Lab	
		FT1200	RJC	Main Lab	
		FT1400	RJC	Main Lab	
		FT1500	RJC	Main Lab	
		FT1600	RJC	Main Lab	
		SM2540 C	PLB	Main Lab	
		SM4500-Cl E	MAC	Main Lab	
208256GW2	MW #2/297	EPA350.1	PCW	Main Lab	Ground Water
		EPA353.2	PCW	Main Lab	
		EPA6010	EVB	Main Lab	
		EPA6020	EVB	Main Lab	
		EPA7470	EVB	Main Lab	
		EPA8011	DLJ	Main Lab	
		EPA8260	CLS	Main Lab	
		FT1000	RJC	Main Lab	
		FT1100	RJC	Main Lab	
		FT1200	RJC	Main Lab	
		FT1400	RJC	Main Lab	
		FT1500	RJC	Main Lab	
		FT1600	RJC	Main Lab	
		SM2540 C	PLB	Main Lab	
		SM4500-Cl E	MAC	Main Lab	
208256GW3	MW #4/299	EPA350.1	PCW	Main Lab	Ground Water
		EPA353.2	PCW	Main Lab	
		EPA6010	EVB	Main Lab	
		EPA6020	EVB	Main Lab	
		EPA7470	EVB	Main Lab	
		EPA8011	DLJ	Main Lab	
		EPA8260	CLS	Main Lab	
		FT1000	RJC	Main Lab	
		FT1100	RJC	Main Lab	
		FT1200	RJC	Main Lab	
		FT1400	RJC	Main Lab	
		FT1500	RJC	Main Lab	

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 1, 2013; Invoice: 208256

		FT1600	RJC	Main Lab	
		SM2540 C	PLB	Main Lab	
		SM4500-Cl E	MAC	Main Lab	
208256GW4	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	
		FT1000	RJC	Main Lab	
		FT1100	RJC	Main Lab	
		FT1200	RJC	Main Lab	
		FT1400	RJC	Main Lab	
		FT1500	RJC	Main Lab	
		FT1600	RJC	Main Lab	
		SM2540 C	PLB	Main Lab	
		SM4500-Cl E	MAC	Main Lab	
208256GW5	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	
		EPA8260	CLS	Main Lab	
		FT1000	RJC	Main Lab	
		FT1100	RJC	Main Lab	
		FT1200	RJC	Main Lab	
		FT1400	RJC	Main Lab	
		FT1500	RJC	Main Lab	
		FT1600	RJC	Main Lab	
		SM2540 C	PLB	Main Lab	
		SM4500-Cl E	MAC	Main Lab	
208256GW6	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	
		FT1000	RJC	Main Lab	
		FT1100	RJC	Main Lab	
		FT1200	RJC	Main Lab	
		FT1400	RJC	Main Lab	
		FT1500	RJC	Main Lab	
		FT1600	RJC	Main Lab	
		SM2540 C	PLB	Main Lab	

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 1, 2013; Invoice: 208256

		SM4500-Cl E	MAC	Main Lab	
208256GW7	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	
		FT1000	RJC	Main Lab	
		FT1100	RJC	Main Lab	
		FT1200	RJC	Main Lab	
		FT1400	RJC	Main Lab	
		FT1500	RJC	Main Lab	
		FT1600	RJC	Main Lab	
		SM2540 C	PLB	Main Lab	
		SM4500-Cl E	MAC	Main Lab	
208256GW8	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	
		FT1000	RJC	Main Lab	
		FT1100	RJC	Main Lab	
		FT1200	RJC	Main Lab	
		FT1400	RJC	Main Lab	
		FT1500	RJC	Main Lab	
		FT1600	RJC	Main Lab	
		SM2540 C	PLB	Main Lab	
		SM4500-Cl E	MAC	Main Lab	
208256GW9	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

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 1, 2013; Invoice: 208256

Analysis Report

Lab #: 208256GW1 **Sampled:** 06/21/13 12:51 PM **Desc:** MW #1/296

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Chloride	8.35	mg/L	1.00	4.00	8.00	10197567	SM4500-Cl E	16887-00-6	06/25/13	
Nitrate(as N)	0.192	mg/L	1.00	0.0100	0.0200	10226387	EPA353.2	14797-55-8	06/21/13	04:13 PM
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10226442	EPA6020	7440-36-0	06/24/13	
Arsenic	0.00294	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-38-2	06/24/13	
Barium	0.0130	mg/L	1.00	0.00200	0.00400	10226442	EPA6020	7440-39-3	06/24/13	
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10226442	EPA6020	7440-41-7	06/24/13	
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-43-9	06/24/13	
Chromium	0.00503	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-47-3	06/24/13	
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-48-4	06/24/13	
Copper	0.00103 I	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-50-8	06/24/13	
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7439-92-1	06/24/13	
Nickel	0.00467	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-02-0	06/24/13	
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10226442	EPA6020	7782-49-2	06/24/13	
Silver	0.000520 I	mg/L	1.00	0.000500	0.00100	10226442	EPA6020	7440-22-4	06/24/13	
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-28-0	06/24/13	
Vanadium	0.0163	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-62-2	06/24/13	
Zinc	0.0100 U	mg/L	1.00	0.0100	0.0200	10226442	EPA6020	7440-66-6	06/24/13	
TDS	242	mg/L	1.00	2.50	5.00	10226500	SM2540 C	10-33-3	06/22/13	
Field Ground Water Elevation	83.6	ft	1.00	-10.0	-10.0	10226561	FT1000		06/20/13	
Field pH (units)	4.39	pH	1.00	0.0100	0.0200	10226561	FT1100	C006	06/20/13	
Field Conductivity	127	umhos/cm	1.00	0.100	0.100	10226561	FT1200		06/20/13	
Field Temp. (C)	28.9	oC	1.00	0.100	0.100	10226561	FT1400		06/20/13	
Field DO	0.730	mg/L	1.00	0.100	0.100	10226561	FT1500		06/20/13	
Field Turbidity	41.0	NTU	1.00	0.100	0.100	10226561	FT1600		06/20/13	
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10226574	EPA7470	7439-97-6	06/26/13	
Iron	8.47	mg/L	1.00	0.0100	0.0200	10226610	EPA6010	7439-89-6	06/25/13	
Sodium	11.0	mg/L	1.00	0.500	1.00	10226610	EPA6010	7440-23-5	06/25/13	

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 1, 2013; Invoice: 208256

Lab #: 208256GW1 **Sampled:** 06/21/13 12:51 PM **Desc:** MW #1/296

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10226761	EPA8011	096-18-4	06/27/13
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10226761	EPA8011	106-93-4	06/27/13
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10226761	EPA8011	96-12-8	06/27/13
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	630-20-6	06/26/13
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	71-55-6	06/26/13
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10226773	EPA8260	79-34-5	06/26/13
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	79-00-5	06/26/13
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	75-34-3	06/26/13
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	75-35-4	06/26/13
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.500	10226773	EPA8260	107-06-2	06/26/13
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10226773	EPA8260	78-87-5	06/26/13
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	78-93-3	06/26/13
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	591-78-6	06/26/13
Acetone	7.13 I	ug/L	1.00	5.00	10.0	10226773	EPA8260	67-64-1	06/26/13
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10226773	EPA8260	107-13-1	06/26/13
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	71-43-2	06/26/13
Bromochloromethane	0.100 U	ug/L	1.00	0.100	0.100	10226773	EPA8260	074-97-5	06/26/13
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10226773	EPA8260	75-27-4	06/26/13
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	75-25-2	06/26/13
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	74-83-9	06/26/13
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10226773	EPA8260	75-15-0	06/26/13
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	56-23-5	06/26/13
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	108-90-7	06/26/13
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	75-00-3	06/26/13
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	67-66-3	06/26/13
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	74-87-3	06/26/13
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10226773	EPA8260	124-48-1	06/26/13
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	074-95-3	06/26/13
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	100-41-4	06/26/13

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 1, 2013; Invoice: 208256

Lab #: 208256GW1 **Sampled:** 06/21/13 12:51 PM **Desc:** MW #1/296

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10226773	EPA8260	074-88-4	06/26/13
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10226773	EPA8260	108-10-1	06/26/13
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10226773	EPA8260	75-09-2	06/26/13
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	106-46-7	06/26/13
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	100-42-5	06/26/13
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	127-18-4	06/26/13
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	108-88-3	06/26/13
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	79-01-6	06/26/13
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	75-69-4	06/26/13
Vinyl Acetate	5.00 U	ug/L	1.00	5.00	10.0	10226773	EPA8260	108-05-4	06/26/13
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	75-01-4	06/26/13
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10226773	EPA8260	1330-20-7	06/26/13
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10226773	EPA8260	156-59-2	06/26/13
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	10061-01-5	06/26/13
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	95-50-1	06/26/13
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	156-60-5	06/26/13
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	10061-02-6	06/26/13
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10226773	EPA8260	110-57-6	06/26/13
Surr:1,2-Dichloroethane-d4 (77-129%)	124.90%		1.00	0.0100	0.0100	10226773	EPA8260		06/26/13
Surr:Bromofluorobenzene (70-122%)	70.10%		1.00	1.00	1.00	10226773	EPA8260	460-00-4	06/26/13
Surr:Toluene-d8 (80-120%)	86.30%		1.00	0.0100	0.0100	10226773	EPA8260		06/26/13
Ammonia (as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10226977	EPA350.1	7664-41-7	07/01/13

Lab #: 208256GW2 **Sampled:** 06/21/13 12:51 PM **Desc:** MW #2/297

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Chloride	11.2	mg/L	1.00	4.00	8.00	10197567	SM4500-Cl E	16887-00-6	06/25/13	
Nitrate(as N)	0.0861	mg/L	1.00	0.0100	0.0200	10226387	EPA353.2	14797-55-8	06/21/13	04:14 PM
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10226442	EPA6020	7440-36-0	06/24/13	
Arsenic	0.00144 I	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-38-2	06/24/13	

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 1, 2013; Invoice: 208256

Lab #: 208256GW2 **Sampled:** 06/21/13 12:51 PM **Desc:** MW #2/297

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Barium	0.0244	mg/L	1.00	0.00200	0.00400	10226442	EPA6020	7440-39-3	06/24/13
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10226442	EPA6020	7440-41-7	06/24/13
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-43-9	06/24/13
Chromium	0.00251	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-47-3	06/24/13
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-48-4	06/24/13
Copper	0.00100 U	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-50-8	06/24/13
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7439-92-1	06/24/13
Nickel	0.00334	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-02-0	06/24/13
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10226442	EPA6020	7782-49-2	06/24/13
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10226442	EPA6020	7440-22-4	06/24/13
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-28-0	06/24/13
Vanadium	0.00231	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-62-2	06/24/13
Zinc	0.0100 U	mg/L	1.00	0.0100	0.0200	10226442	EPA6020	7440-66-6	06/24/13
TDS	268	mg/L	1.00	2.50	5.00	10226500	SM2540 C	10-33-3	06/22/13
Field Ground Water Elevation	79.8	ft	1.00	-10.0	-10.0	10226561	FT1000		06/20/13
Field pH (units)	6.52	pH	1.00	0.0100	0.0200	10226561	FT1100	C006	06/20/13
Field Conductivity	418	umhos/cm	1.00	0.100	0.100	10226561	FT1200		06/20/13
Field Temp. (C)	27.1	oC	1.00	0.100	0.100	10226561	FT1400		06/20/13
Field DO	0.380	mg/L	1.00	0.100	0.100	10226561	FT1500		06/20/13
Field Turbidity	2.50	NTU	1.00	0.100	0.100	10226561	FT1600		06/20/13
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10226574	EPA7470	7439-97-6	06/26/13
Iron	9.15	mg/L	1.00	0.0100	0.0200	10226610	EPA6010	7439-89-6	06/25/13
Sodium	29.2	mg/L	1.00	0.500	1.00	10226610	EPA6010	7440-23-5	06/25/13
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10226761	EPA8011	096-18-4	06/27/13
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10226761	EPA8011	106-93-4	06/27/13
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10226761	EPA8011	96-12-8	06/27/13
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	630-20-6	06/26/13
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	71-55-6	06/26/13
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10226773	EPA8260	79-34-5	06/26/13

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 1, 2013; Invoice: 208256

Lab #: 208256GW2 **Sampled:** 06/21/13 12:51 PM **Desc:** MW #2/297

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	79-00-5	06/26/13
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	75-34-3	06/26/13
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	75-35-4	06/26/13
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.500	10226773	EPA8260	107-06-2	06/26/13
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10226773	EPA8260	78-87-5	06/26/13
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	78-93-3	06/26/13
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	591-78-6	06/26/13
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10226773	EPA8260	67-64-1	06/26/13
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10226773	EPA8260	107-13-1	06/26/13
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	71-43-2	06/26/13
Bromochloromethane	0.100 U	ug/L	1.00	0.100	0.100	10226773	EPA8260	074-97-5	06/26/13
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10226773	EPA8260	75-27-4	06/26/13
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	75-25-2	06/26/13
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	74-83-9	06/26/13
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10226773	EPA8260	75-15-0	06/26/13
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	56-23-5	06/26/13
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	108-90-7	06/26/13
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	75-00-3	06/26/13
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	67-66-3	06/26/13
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	74-87-3	06/26/13
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10226773	EPA8260	124-48-1	06/26/13
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	074-95-3	06/26/13
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	100-41-4	06/26/13
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10226773	EPA8260	074-88-4	06/26/13
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10226773	EPA8260	108-10-1	06/26/13
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10226773	EPA8260	75-09-2	06/26/13
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	106-46-7	06/26/13
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	100-42-5	06/26/13
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	127-18-4	06/26/13

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 1, 2013; Invoice: 208256

Lab #: 208256GW2 **Sampled:** 06/21/13 12:51 PM **Desc:** MW #2/297

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	108-88-3	06/26/13	
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	79-01-6	06/26/13	
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	75-69-4	06/26/13	
Vinyl Acetate	5.00 U	ug/L	1.00	5.00	10.0	10226773	EPA8260	108-05-4	06/26/13	
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	75-01-4	06/26/13	
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10226773	EPA8260	1330-20-7	06/26/13	
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10226773	EPA8260	156-59-2	06/26/13	
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	10061-01-5	06/26/13	
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	95-50-1	06/26/13	
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	156-60-5	06/26/13	
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	10061-02-6	06/26/13	
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10226773	EPA8260	110-57-6	06/26/13	
Surr:1,2-Dichloroethane-d4 (77-129%)	124.70%		1.00	0.0100	0.0100	10226773	EPA8260		06/26/13	
Surr:Bromofluorobenzene (70-122%)	67.90%		1.00	1.00	1.00	10226773	EPA8260	460-00-4	06/26/13	
Surr:Toluene-d8 (80-120%)	90.20%		1.00	0.0100	0.0100	10226773	EPA8260		06/26/13	
Ammonia (as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10226977	EPA350.1	7664-41-7	07/01/13	

Lab #: 208256GW3 **Sampled:** 06/21/13 12:51 PM **Desc:** MW #4/299

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Chloride	15.4	mg/L	1.00	4.00	8.00	10197567	SM4500-Cl E	16887-00-6	06/25/13	
Nitrate(as N)	0.0433	mg/L	1.00	0.0100	0.0200	10226387	EPA353.2	14797-55-8	06/21/13	04:15 PM
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10226442	EPA6020	7440-36-0	06/24/13	
Arsenic	0.0141	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-38-2	06/24/13	
Barium	0.0133	mg/L	1.00	0.00200	0.00400	10226442	EPA6020	7440-39-3	06/24/13	
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10226442	EPA6020	7440-41-7	06/24/13	
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-43-9	06/24/13	
Chromium	0.00671	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-47-3	06/24/13	
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-48-4	06/24/13	
Copper	0.00100 U	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-50-8	06/24/13	

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 1, 2013; Invoice: 208256

Lab #: 208256GW3 **Sampled:** 06/21/13 12:51 PM **Desc:** MW #4/299

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7439-92-1	06/24/13
Nickel	0.00386	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-02-0	06/24/13
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10226442	EPA6020	7782-49-2	06/24/13
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10226442	EPA6020	7440-22-4	06/24/13
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-28-0	06/24/13
Vanadium	0.0147	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-62-2	06/24/13
Zinc	0.0100 U	mg/L	1.00	0.0100	0.0200	10226442	EPA6020	7440-66-6	06/24/13
TDS	288	mg/L	1.00	2.50	5.00	10226500	SM2540 C	10-33-3	06/22/13
Field Ground Water Elevation	81.1	ft	1.00	-10.0	-10.0	10226561	FT1000		06/20/13
Field pH (units)	5.82	pH	1.00	0.0100	0.0200	10226561	FT1100	C006	06/20/13
Field Conductivity	275	umhos/cm	1.00	0.100	0.100	10226561	FT1200		06/20/13
Field Temp. (C)	24.3	oC	1.00	0.100	0.100	10226561	FT1400		06/20/13
Field DO	0.910	mg/L	1.00	0.100	0.100	10226561	FT1500		06/20/13
Field Turbidity	3.20	NTU	1.00	0.100	0.100	10226561	FT1600		06/20/13
Mercury	0.0000429	mg/L	1.00	0.0000200	0.0000400	10226574	EPA7470	7439-97-6	06/26/13
Iron	14.7	mg/L	1.00	0.0100	0.0200	10226610	EPA6010	7439-89-6	06/25/13
Sodium	16.3	mg/L	1.00	0.500	1.00	10226610	EPA6010	7440-23-5	06/25/13
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10226761	EPA8011	096-18-4	06/27/13
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10226761	EPA8011	106-93-4	06/27/13
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10226761	EPA8011	96-12-8	06/27/13
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	630-20-6	06/26/13
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	71-55-6	06/26/13
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10226773	EPA8260	79-34-5	06/26/13
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	79-00-5	06/26/13
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	75-34-3	06/26/13
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	75-35-4	06/26/13
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.500	10226773	EPA8260	107-06-2	06/26/13
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10226773	EPA8260	78-87-5	06/26/13
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	78-93-3	06/26/13

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 1, 2013; Invoice: 208256

Lab #: 208256GW3 **Sampled:** 06/21/13 12:51 PM **Desc:** MW #4/299

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	591-78-6	06/26/13
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10226773	EPA8260	67-64-1	06/26/13
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10226773	EPA8260	107-13-1	06/26/13
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	71-43-2	06/26/13
Bromochloromethane	0.100 U	ug/L	1.00	0.100	0.100	10226773	EPA8260	074-97-5	06/26/13
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10226773	EPA8260	75-27-4	06/26/13
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	75-25-2	06/26/13
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	74-83-9	06/26/13
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10226773	EPA8260	75-15-0	06/26/13
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	56-23-5	06/26/13
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	108-90-7	06/26/13
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	75-00-3	06/26/13
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	67-66-3	06/26/13
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	74-87-3	06/26/13
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10226773	EPA8260	124-48-1	06/26/13
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	074-95-3	06/26/13
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	100-41-4	06/26/13
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10226773	EPA8260	074-88-4	06/26/13
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10226773	EPA8260	108-10-1	06/26/13
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10226773	EPA8260	75-09-2	06/26/13
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	106-46-7	06/26/13
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	100-42-5	06/26/13
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	127-18-4	06/26/13
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	108-88-3	06/26/13
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	79-01-6	06/26/13
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	75-69-4	06/26/13
Vinyl Acetate	5.00 U	ug/L	1.00	5.00	10.0	10226773	EPA8260	108-05-4	06/26/13
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	75-01-4	06/26/13
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10226773	EPA8260	1330-20-7	06/26/13

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 1, 2013; Invoice: 208256

Lab #: 208256GW3 **Sampled:** 06/21/13 12:51 PM **Desc:** MW #4/299

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10226773	EPA8260	156-59-2	06/26/13
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	10061-01-5	06/26/13
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	95-50-1	06/26/13
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	156-60-5	06/26/13
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	10061-02-6	06/26/13
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10226773	EPA8260	110-57-6	06/26/13
Surr:1,2-Dichloroethane-d4 (77-129%)	130.80%		1.00	0.0100	0.0100	10226773	EPA8260		06/26/13
Surr:Bromofluorobenzene (70-122%)	66.30%		1.00	1.00	1.00	10226773	EPA8260	460-00-4	06/26/13
Surr:Toluene-d8 (80-120%)	89.30%		1.00	0.0100	0.0100	10226773	EPA8260		06/26/13
Ammonia (as N)	0.0300	mg/L	1.00	0.0100	0.0200	10226977	EPA350.1	7664-41-7	07/01/13

Lab #: 208256GW4 **Sampled:** 06/21/13 12:51 PM **Desc:** MW #5/300

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Chloride	8.62	mg/L	1.00	4.00	8.00	10197567	SM4500-Cl E	16887-00-6	06/25/13
Nitrate(as N)	0.0261	mg/L	1.00	0.0100	0.0200	10226387	EPA353.2	14797-55-8	06/21/13 04:16 PM
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10226442	EPA6020	7440-36-0	06/24/13
Arsenic	0.00188 I	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-38-2	06/24/13
Barium	0.00288 I	mg/L	1.00	0.00200	0.00400	10226442	EPA6020	7440-39-3	06/24/13
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10226442	EPA6020	7440-41-7	06/24/13
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-43-9	06/24/13
Chromium	0.00346	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-47-3	06/24/13
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-48-4	06/24/13
Copper	0.00100 U	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-50-8	06/24/13
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7439-92-1	06/24/13
Nickel	0.00219	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-02-0	06/24/13
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10226442	EPA6020	7782-49-2	06/24/13
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10226442	EPA6020	7440-22-4	06/24/13
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-28-0	06/24/13
Vanadium	0.00142 I	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-62-2	06/24/13

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 1, 2013; Invoice: 208256

Lab #: 208256GW4 **Sampled:** 06/21/13 12:51 PM **Desc:** MW #5/300

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Zinc	0.0100 U	mg/L	1.00	0.0100	0.0200	10226442	EPA6020	7440-66-6	06/24/13
TDS	142	mg/L	1.00	2.50	5.00	10226500	SM2540 C	10-33-3	06/22/13
Field Ground Water Elevation	80.1	ft	1.00	-10.0	-10.0	10226561	FT1000		06/20/13
Field pH (units)	5.50	pH	1.00	0.0100	0.0200	10226561	FT1100	C006	06/20/13
Field Conductivity	166	umhos/cm	1.00	0.100	0.100	10226561	FT1200		06/20/13
Field Temp. (C)	25.9	oC	1.00	0.100	0.100	10226561	FT1400		06/20/13
Field DO	0.430	mg/L	1.00	0.100	0.100	10226561	FT1500		06/20/13
Field Turbidity	2.12	NTU	1.00	0.100	0.100	10226561	FT1600		06/20/13
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10226574	EPA7470	7439-97-6	06/26/13
Iron	3.76	mg/L	1.00	0.0100	0.0200	10226610	EPA6010	7439-89-6	06/25/13
Sodium	9.17	mg/L	1.00	0.500	1.00	10226610	EPA6010	7440-23-5	06/25/13
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10226761	EPA8011	096-18-4	06/27/13
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10226761	EPA8011	106-93-4	06/27/13
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10226761	EPA8011	96-12-8	06/27/13
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	630-20-6	06/26/13
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	71-55-6	06/26/13
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10226773	EPA8260	79-34-5	06/26/13
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	79-00-5	06/26/13
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	75-34-3	06/26/13
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	75-35-4	06/26/13
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.500	10226773	EPA8260	107-06-2	06/26/13
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10226773	EPA8260	78-87-5	06/26/13
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	78-93-3	06/26/13
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	591-78-6	06/26/13
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10226773	EPA8260	67-64-1	06/26/13
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10226773	EPA8260	107-13-1	06/26/13
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	71-43-2	06/26/13
Bromochloromethane	0.100 U	ug/L	1.00	0.100	0.100	10226773	EPA8260	074-97-5	06/26/13
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10226773	EPA8260	75-27-4	06/26/13

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 1, 2013; Invoice: 208256

Lab #: 208256GW4 **Sampled:** 06/21/13 12:51 PM **Desc:** MW #5/300

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	75-25-2	06/26/13
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	74-83-9	06/26/13
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10226773	EPA8260	75-15-0	06/26/13
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	56-23-5	06/26/13
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	108-90-7	06/26/13
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	75-00-3	06/26/13
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	67-66-3	06/26/13
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	74-87-3	06/26/13
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10226773	EPA8260	124-48-1	06/26/13
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	074-95-3	06/26/13
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	100-41-4	06/26/13
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10226773	EPA8260	074-88-4	06/26/13
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10226773	EPA8260	108-10-1	06/26/13
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10226773	EPA8260	75-09-2	06/26/13
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	106-46-7	06/26/13
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	100-42-5	06/26/13
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	127-18-4	06/26/13
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	108-88-3	06/26/13
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	79-01-6	06/26/13
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	75-69-4	06/26/13
Vinyl Acetate	5.00 U	ug/L	1.00	5.00	10.0	10226773	EPA8260	108-05-4	06/26/13
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	75-01-4	06/26/13
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10226773	EPA8260	1330-20-7	06/26/13
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10226773	EPA8260	156-59-2	06/26/13
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	10061-01-5	06/26/13
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	95-50-1	06/26/13
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	156-60-5	06/26/13
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	10061-02-6	06/26/13
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10226773	EPA8260	110-57-6	06/26/13

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 1, 2013; Invoice: 208256

Lab #: 208256GW4 **Sampled:** 06/21/13 12:51 PM **Desc:** MW #5/300

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Surr:1,2-Dichloroethane-d4 (77-129%)	134.10%		1.00	0.0100	0.0100	10226773	EPA8260		06/26/13
Surr:Bromofluorobenzene (70-122%)	70.10%		1.00	1.00	1.00	10226773	EPA8260	460-00-4	06/26/13
Surr:Toluene-d8 (80-120%)	89.30%		1.00	0.0100	0.0100	10226773	EPA8260		06/26/13
Ammonia (as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10226977	EPA350.1	7664-41-7	07/01/13

Lab #: 208256GW5 **Sampled:** 06/21/13 12:51 PM **Desc:** MW-8/19255

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Chloride	8.55	mg/L	1.00	4.00	8.00	10197567	SM4500-Cl E	16887-00-6	06/25/13	
Nitrate(as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10226387	EPA353.2	14797-55-8	06/21/13	04:17 PM
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10226442	EPA6020	7440-36-0	06/24/13	
Arsenic	0.00212	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-38-2	06/24/13	
Barium	0.00699	mg/L	1.00	0.00200	0.00400	10226442	EPA6020	7440-39-3	06/24/13	
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10226442	EPA6020	7440-41-7	06/24/13	
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-43-9	06/24/13	
Chromium	0.00312	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-47-3	06/24/13	
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-48-4	06/24/13	
Copper	0.00430	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-50-8	06/24/13	
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7439-92-1	06/24/13	
Nickel	0.00981	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-02-0	06/24/13	
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10226442	EPA6020	7782-49-2	06/24/13	
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10226442	EPA6020	7440-22-4	06/24/13	
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-28-0	06/24/13	
Vanadium	0.00436	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-62-2	06/24/13	
Zinc	0.0414	mg/L	1.00	0.0100	0.0200	10226442	EPA6020	7440-66-6	06/24/13	
TDS	442	mg/L	1.00	2.50	5.00	10226500	SM2540 C	10-33-3	06/22/13	
Field Ground Water Elevation	80.9	ft	1.00	-10.0	-10.0	10226561	FT1000		06/20/13	
Field pH (units)	6.17	pH	1.00	0.0100	0.0200	10226561	FT1100	C006	06/20/13	
Field Conductivity	563	umhos/cm	1.00	0.100	0.100	10226561	FT1200		06/20/13	
Field Temp. (C)	28.2	oC	1.00	0.100	0.100	10226561	FT1400		06/20/13	

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 1, 2013; Invoice: 208256

Lab #: 208256GW5 **Sampled:** 06/21/13 12:51 PM **Desc:** MW-8/19255

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Field DO	1.07	mg/L	1.00	0.100	0.100	10226561	FT1500		06/20/13
Field Turbidity	13.3	NTU	1.00	0.100	0.100	10226561	FT1600		06/20/13
Mercury	0.0000393 I	mg/L	1.00	0.0000200	0.0000400	10226574	EPA7470	7439-97-6	06/26/13
Iron	4.16	mg/L	1.00	0.0100	0.0200	10226610	EPA6010	7439-89-6	06/25/13
Sodium	10.1	mg/L	1.00	0.500	1.00	10226610	EPA6010	7440-23-5	06/25/13
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10226761	EPA8011	096-18-4	06/27/13
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10226761	EPA8011	106-93-4	06/27/13
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10226761	EPA8011	96-12-8	06/27/13
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	630-20-6	06/26/13
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	71-55-6	06/26/13
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10226773	EPA8260	79-34-5	06/26/13
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	79-00-5	06/26/13
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	75-34-3	06/26/13
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	75-35-4	06/26/13
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.500	10226773	EPA8260	107-06-2	06/26/13
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10226773	EPA8260	78-87-5	06/26/13
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	78-93-3	06/26/13
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	591-78-6	06/26/13
Acetone	141	ug/L	1.00	5.00	10.0	10226773	EPA8260	67-64-1	06/26/13
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10226773	EPA8260	107-13-1	06/26/13
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	71-43-2	06/26/13
Bromochloromethane	0.100 U	ug/L	1.00	0.100	0.100	10226773	EPA8260	074-97-5	06/26/13
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10226773	EPA8260	75-27-4	06/26/13
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	75-25-2	06/26/13
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	74-83-9	06/26/13
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10226773	EPA8260	75-15-0	06/26/13
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	56-23-5	06/26/13
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	108-90-7	06/26/13
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	75-00-3	06/26/13

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 1, 2013; Invoice: 208256

Lab #: 208256GW5 **Sampled:** 06/21/13 12:51 PM **Desc:** MW-8/19255

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	67-66-3	06/26/13
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	74-87-3	06/26/13
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10226773	EPA8260	124-48-1	06/26/13
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	074-95-3	06/26/13
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	100-41-4	06/26/13
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10226773	EPA8260	074-88-4	06/26/13
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10226773	EPA8260	108-10-1	06/26/13
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10226773	EPA8260	75-09-2	06/26/13
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	106-46-7	06/26/13
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	100-42-5	06/26/13
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	127-18-4	06/26/13
Toluene	1.04	ug/L	1.00	0.500	1.00	10226773	EPA8260	108-88-3	06/26/13
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	79-01-6	06/26/13
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	75-69-4	06/26/13
Vinyl Acetate	5.00 U	ug/L	1.00	5.00	10.0	10226773	EPA8260	108-05-4	06/26/13
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	75-01-4	06/26/13
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10226773	EPA8260	1330-20-7	06/26/13
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10226773	EPA8260	156-59-2	06/26/13
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	10061-01-5	06/26/13
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	95-50-1	06/26/13
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	156-60-5	06/26/13
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	10061-02-6	06/26/13
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10226773	EPA8260	110-57-6	06/26/13
Surr:1,2-Dichloroethane-d4 (77-129%)	136.30%		1.00	0.0100	0.0100	10226773	EPA8260		06/26/13
Surr:Bromofluorobenzene (70-122%)	69.20%		1.00	1.00	1.00	10226773	EPA8260	460-00-4	06/26/13
Surr:Toluene-d8 (80-120%)	100.00%		1.00	0.0100	0.0100	10226773	EPA8260		06/26/13
Ammonia (as N)	0.423	mg/L	1.00	0.0100	0.0200	10226978	EPA350.1	7664-41-7	07/01/13

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 1, 2013; Invoice: 208256

Lab #: 208256GW6 **Sampled:** 06/21/13 12:51 PM **Desc:** MW-10R/22930

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Chloride	17.3	mg/L	1.00	4.00	8.00	10197567	SM4500-Cl E	16887-00-6	06/25/13	
Nitrate(as N)	0.0711	mg/L	1.00	0.0100	0.0200	10226387	EPA353.2	14797-55-8	06/21/13	04:18 PM
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10226442	EPA6020	7440-36-0	06/24/13	
Arsenic	0.00245	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-38-2	06/24/13	
Barium	0.0154	mg/L	1.00	0.00200	0.00400	10226442	EPA6020	7440-39-3	06/24/13	
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10226442	EPA6020	7440-41-7	06/24/13	
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-43-9	06/24/13	
Chromium	0.00273	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-47-3	06/24/13	
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-48-4	06/24/13	
Copper	0.00100 U	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-50-8	06/24/13	
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7439-92-1	06/24/13	
Nickel	0.00297	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-02-0	06/24/13	
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10226442	EPA6020	7782-49-2	06/24/13	
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10226442	EPA6020	7440-22-4	06/24/13	
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-28-0	06/24/13	
Vanadium	0.00185 I	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-62-2	06/24/13	
Zinc	0.0100 U	mg/L	1.00	0.0100	0.0200	10226442	EPA6020	7440-66-6	06/24/13	
TDS	272	mg/L	1.00	2.50	5.00	10226500	SM2540 C	10-33-3	06/22/13	
Field Ground Water Elevation	79.9	ft	1.00	-10.0	-10.0	10226561	FT1000		06/20/13	
Field pH (units)	5.86	pH	1.00	0.0100	0.0200	10226561	FT1100	C006	06/20/13	
Field Conductivity	394	umhos/cm	1.00	0.100	0.100	10226561	FT1200		06/20/13	
Field Temp. (C)	25.8	oC	1.00	0.100	0.100	10226561	FT1400		06/20/13	
Field DO	0.680	mg/L	1.00	0.100	0.100	10226561	FT1500		06/20/13	
Field Turbidity	1.90	NTU	1.00	0.100	0.100	10226561	FT1600		06/20/13	
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10226574	EPA7470	7439-97-6	06/26/13	
Iron	15.3	mg/L	1.00	0.0100	0.0200	10226610	EPA6010	7439-89-6	06/25/13	
Sodium	18.8	mg/L	1.00	0.500	1.00	10226610	EPA6010	7440-23-5	06/25/13	
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10226761	EPA8011	096-18-4	06/27/13	
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10226761	EPA8011	106-93-4	06/27/13	

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 1, 2013; Invoice: 208256

Lab #: 208256GW6 **Sampled:** 06/21/13 12:51 PM **Desc:** MW-10R/22930

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	10226761	EPA8011	96-12-8	06/27/13
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	630-20-6	06/26/13
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	71-55-6	06/26/13
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10226773	EPA8260	79-34-5	06/26/13
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	79-00-5	06/26/13
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	75-34-3	06/26/13
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	75-35-4	06/26/13
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.500	10226773	EPA8260	107-06-2	06/26/13
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10226773	EPA8260	78-87-5	06/26/13
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	78-93-3	06/26/13
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	591-78-6	06/26/13
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10226773	EPA8260	67-64-1	06/26/13
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10226773	EPA8260	107-13-1	06/26/13
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	71-43-2	06/26/13
Bromochloromethane	0.100 U	ug/L	1.00	0.100	0.100	10226773	EPA8260	074-97-5	06/26/13
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10226773	EPA8260	75-27-4	06/26/13
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	75-25-2	06/26/13
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	74-83-9	06/26/13
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10226773	EPA8260	75-15-0	06/26/13
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	56-23-5	06/26/13
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	108-90-7	06/26/13
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	75-00-3	06/26/13
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	67-66-3	06/26/13
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	74-87-3	06/26/13
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10226773	EPA8260	124-48-1	06/26/13
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	074-95-3	06/26/13
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	100-41-4	06/26/13
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10226773	EPA8260	074-88-4	06/26/13
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10226773	EPA8260	108-10-1	06/26/13

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 1, 2013; Invoice: 208256

Lab #: 208256GW6 **Sampled:** 06/21/13 12:51 PM **Desc:** MW-10R/22930

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10226773	EPA8260	75-09-2	06/26/13
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	106-46-7	06/26/13
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	100-42-5	06/26/13
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	127-18-4	06/26/13
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	108-88-3	06/26/13
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	79-01-6	06/26/13
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	75-69-4	06/26/13
Vinyl Acetate	5.00 U	ug/L	1.00	5.00	10.0	10226773	EPA8260	108-05-4	06/26/13
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	75-01-4	06/26/13
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10226773	EPA8260	1330-20-7	06/26/13
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10226773	EPA8260	156-59-2	06/26/13
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	10061-01-5	06/26/13
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	95-50-1	06/26/13
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	156-60-5	06/26/13
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	10061-02-6	06/26/13
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10226773	EPA8260	110-57-6	06/26/13
Surr:1,2-Dichloroethane-d4 (77-129%)	139.40%		1.00	0.0100	0.0100	10226773	EPA8260		06/26/13
Surr:Bromofluorobenzene (70-122%)	65.30%		1.00	1.00	1.00	10226773	EPA8260	460-00-4	06/26/13
Surr:Toluene-d8 (80-120%)	93.40%		1.00	0.0100	0.0100	10226773	EPA8260		06/26/13
Ammonia (as N)	0.138	mg/L	1.00	0.0100	0.0200	10226978	EPA350.1	7664-41-7	07/01/13

Lab #: 208256GW7 **Sampled:** 06/21/13 12:51 PM **Desc:** MW-11/21882

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Chloride	4.11 I	mg/L	1.00	4.00	8.00	10197567	SM4500-Cl E	16887-00-6	06/25/13	
Nitrate(as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10226387	EPA353.2	14797-55-8	06/21/13	04:19 PM
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10226442	EPA6020	7440-36-0	06/24/13	
Arsenic	0.00100 U	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-38-2	06/24/13	
Barium	0.00673	mg/L	1.00	0.00200	0.00400	10226442	EPA6020	7440-39-3	06/24/13	
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10226442	EPA6020	7440-41-7	06/24/13	

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 1, 2013; Invoice: 208256

Lab #: 208256GW7 **Sampled:** 06/21/13 12:51 PM **Desc:** MW-11/21882

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-43-9	06/24/13
Chromium	0.00279	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-47-3	06/24/13
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-48-4	06/24/13
Copper	0.00100 U	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-50-8	06/24/13
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7439-92-1	06/24/13
Nickel	0.00303	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-02-0	06/24/13
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10226442	EPA6020	7782-49-2	06/24/13
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10226442	EPA6020	7440-22-4	06/24/13
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-28-0	06/24/13
Vanadium	0.00431	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-62-2	06/24/13
Zinc	0.0100 U	mg/L	1.00	0.0100	0.0200	10226442	EPA6020	7440-66-6	06/24/13
TDS	62.0	mg/L	1.00	2.50	5.00	10226500	SM2540 C	10-33-3	06/22/13
Field Ground Water Elevation	80.2	ft	1.00	-10.0	-10.0	10226561	FT1000		06/20/13
Field pH (units)	4.68	pH	1.00	0.0100	0.0200	10226561	FT1100	C006	06/20/13
Field Conductivity	39.0	umhos/cm	1.00	0.100	0.100	10226561	FT1200		06/20/13
Field Temp. (C)	26.5	oC	1.00	0.100	0.100	10226561	FT1400		06/20/13
Field DO	0.560	mg/L	1.00	0.100	0.100	10226561	FT1500		06/20/13
Field Turbidity	1.52	NTU	1.00	0.100	0.100	10226561	FT1600		06/20/13
Mercury	0.0000879	mg/L	1.00	0.0000200	0.0000400	10226574	EPA7470	7439-97-6	06/26/13
Iron	0.591	mg/L	1.00	0.0100	0.0200	10226610	EPA6010	7439-89-6	06/25/13
Sodium	5.83	mg/L	1.00	0.500	1.00	10226610	EPA6010	7440-23-5	06/25/13
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10226761	EPA8011	096-18-4	06/27/13
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10226761	EPA8011	106-93-4	06/27/13
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10226761	EPA8011	96-12-8	06/27/13
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	630-20-6	06/26/13
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	71-55-6	06/26/13
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10226773	EPA8260	79-34-5	06/26/13
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	79-00-5	06/26/13
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	75-34-3	06/26/13

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 1, 2013; Invoice: 208256

Lab #: 208256GW7 **Sampled:** 06/21/13 12:51 PM **Desc:** MW-11/21882

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	75-35-4	06/26/13
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.500	10226773	EPA8260	107-06-2	06/26/13
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10226773	EPA8260	78-87-5	06/26/13
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	78-93-3	06/26/13
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	591-78-6	06/26/13
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10226773	EPA8260	67-64-1	06/26/13
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10226773	EPA8260	107-13-1	06/26/13
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	71-43-2	06/26/13
Bromochloromethane	0.100 U	ug/L	1.00	0.100	0.100	10226773	EPA8260	074-97-5	06/26/13
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10226773	EPA8260	75-27-4	06/26/13
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	75-25-2	06/26/13
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	74-83-9	06/26/13
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10226773	EPA8260	75-15-0	06/26/13
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	56-23-5	06/26/13
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	108-90-7	06/26/13
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	75-00-3	06/26/13
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	67-66-3	06/26/13
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	74-87-3	06/26/13
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10226773	EPA8260	124-48-1	06/26/13
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	074-95-3	06/26/13
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	100-41-4	06/26/13
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10226773	EPA8260	074-88-4	06/26/13
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10226773	EPA8260	108-10-1	06/26/13
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10226773	EPA8260	75-09-2	06/26/13
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	106-46-7	06/26/13
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	100-42-5	06/26/13
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	127-18-4	06/26/13
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	108-88-3	06/26/13
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	79-01-6	06/26/13

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 1, 2013; Invoice: 208256

Lab #: 208256GW7 **Sampled:** 06/21/13 12:51 PM **Desc:** MW-11/21882

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	75-69-4	06/26/13
Vinyl Acetate	5.00 U	ug/L	1.00	5.00	10.0	10226773	EPA8260	108-05-4	06/26/13
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	75-01-4	06/26/13
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10226773	EPA8260	1330-20-7	06/26/13
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10226773	EPA8260	156-59-2	06/26/13
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	10061-01-5	06/26/13
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	95-50-1	06/26/13
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	156-60-5	06/26/13
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	10061-02-6	06/26/13
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10226773	EPA8260	110-57-6	06/26/13
Surr:1,2-Dichloroethane-d4 (77-129%)	124.70%		1.00	0.0100	0.0100	10226773	EPA8260		06/26/13
Surr:Bromofluorobenzene (70-122%)	66.00%		1.00	1.00	1.00	10226773	EPA8260	460-00-4	06/26/13
Surr:Toluene-d8 (80-120%)	92.60%		1.00	0.0100	0.0100	10226773	EPA8260		06/26/13
Ammonia (as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10226978	EPA350.1	7664-41-7	07/01/13

Lab #: 208256GW8 **Sampled:** 06/21/13 12:51 PM **Desc:** MW-12R/22931

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Chloride	4.00 U	mg/L	1.00	4.00	8.00	10197567	SM4500-Cl E	16887-00-6	06/25/13	
Nitrate(as N)	1.30	mg/L	1.00	0.0100	0.0200	10226387	EPA353.2	14797-55-8	06/21/13	04:20 PM
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10226442	EPA6020	7440-36-0	06/24/13	
Arsenic	0.00137 I	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-38-2	06/24/13	
Barium	0.00507	mg/L	1.00	0.00200	0.00400	10226442	EPA6020	7440-39-3	06/24/13	
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10226442	EPA6020	7440-41-7	06/24/13	
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-43-9	06/24/13	
Chromium	0.00349	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-47-3	06/24/13	
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-48-4	06/24/13	
Copper	0.00207	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-50-8	06/24/13	
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7439-92-1	06/24/13	
Nickel	0.00423	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-02-0	06/24/13	

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 1, 2013; Invoice: 208256

Lab #: 208256GW8 **Sampled:** 06/21/13 12:51 PM **Desc:** MW-12R/22931

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10226442	EPA6020	7782-49-2	06/24/13
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10226442	EPA6020	7440-22-4	06/24/13
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-28-0	06/24/13
Vanadium	0.00769	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-62-2	06/24/13
Zinc	0.0381	mg/L	1.00	0.0100	0.0200	10226442	EPA6020	7440-66-6	06/24/13
TDS	294	mg/L	1.00	2.50	5.00	10226500	SM2540 C	10-33-3	06/22/13
Field Ground Water Elevation	79.5	ft	1.00	-10.0	-10.0	10226561	FT1000		06/20/13
Field pH (units)	6.28	pH	1.00	0.0100	0.0200	10226561	FT1100	C006	06/20/13
Field Conductivity	377	umhos/cm	1.00	0.100	0.100	10226561	FT1200		06/20/13
Field Temp. (C)	27.2	oC	1.00	0.100	0.100	10226561	FT1400		06/20/13
Field DO	1.01	mg/L	1.00	0.100	0.100	10226561	FT1500		06/20/13
Field Turbidity	5.50	NTU	1.00	0.100	0.100	10226561	FT1600		06/20/13
Mercury	0.0000474	mg/L	1.00	0.0000200	0.0000400	10226574	EPA7470	7439-97-6	06/26/13
Iron	0.0724	mg/L	1.00	0.0100	0.0200	10226610	EPA6010	7439-89-6	06/25/13
Sodium	5.80	mg/L	1.00	0.500	1.00	10226610	EPA6010	7440-23-5	06/25/13
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10226761	EPA8011	096-18-4	06/27/13
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10226761	EPA8011	106-93-4	06/27/13
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10226761	EPA8011	96-12-8	06/27/13
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	630-20-6	06/26/13
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	71-55-6	06/26/13
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10226773	EPA8260	79-34-5	06/26/13
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	79-00-5	06/26/13
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	75-34-3	06/26/13
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	75-35-4	06/26/13
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.500	10226773	EPA8260	107-06-2	06/26/13
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10226773	EPA8260	78-87-5	06/26/13
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	78-93-3	06/26/13
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	591-78-6	06/26/13
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10226773	EPA8260	67-64-1	06/26/13

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 1, 2013; Invoice: 208256

Lab #: 208256GW8 **Sampled:** 06/21/13 12:51 PM **Desc:** MW-12R/22931

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10226773	EPA8260	107-13-1	06/26/13
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	71-43-2	06/26/13
Bromochloromethane	0.100 U	ug/L	1.00	0.100	0.100	10226773	EPA8260	074-97-5	06/26/13
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10226773	EPA8260	75-27-4	06/26/13
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	75-25-2	06/26/13
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	74-83-9	06/26/13
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10226773	EPA8260	75-15-0	06/26/13
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	56-23-5	06/26/13
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	108-90-7	06/26/13
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	75-00-3	06/26/13
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	67-66-3	06/26/13
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	74-87-3	06/26/13
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10226773	EPA8260	124-48-1	06/26/13
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	074-95-3	06/26/13
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	100-41-4	06/26/13
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10226773	EPA8260	074-88-4	06/26/13
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10226773	EPA8260	108-10-1	06/26/13
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10226773	EPA8260	75-09-2	06/26/13
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	106-46-7	06/26/13
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	100-42-5	06/26/13
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	127-18-4	06/26/13
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	108-88-3	06/26/13
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	79-01-6	06/26/13
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	75-69-4	06/26/13
Vinyl Acetate	5.00 U	ug/L	1.00	5.00	10.0	10226773	EPA8260	108-05-4	06/26/13
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	75-01-4	06/26/13
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10226773	EPA8260	1330-20-7	06/26/13
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10226773	EPA8260	156-59-2	06/26/13
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	10061-01-5	06/26/13

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 1, 2013; Invoice: 208256

Lab #: 208256GW8 **Sampled:** 06/21/13 12:51 PM **Desc:** MW-12R/22931

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	95-50-1	06/26/13
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	156-60-5	06/26/13
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	10061-02-6	06/26/13
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10226773	EPA8260	110-57-6	06/26/13
Surr:1,2-Dichloroethane-d4 (77-129%)	140.70%		1.00	0.0100	0.0100	10226773	EPA8260		06/26/13
Surr:Bromofluorobenzene (70-122%)	65.70%		1.00	1.00	1.00	10226773	EPA8260	460-00-4	06/26/13
Surr:Toluene-d8 (80-120%)	94.60%		1.00	0.0100	0.0100	10226773	EPA8260		06/26/13
Ammonia (as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10226978	EPA350.1	7664-41-7	07/01/13

Lab #: 208256GW9 **Sampled:** 06/21/13 12:51 PM **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	10226773	EPA8260	630-20-6	06/26/13
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	71-55-6	06/26/13
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10226773	EPA8260	79-34-5	06/26/13
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	79-00-5	06/26/13
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	75-34-3	06/26/13
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	75-35-4	06/26/13
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.500	10226773	EPA8260	107-06-2	06/26/13
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10226773	EPA8260	78-87-5	06/26/13
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	78-93-3	06/26/13
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	591-78-6	06/26/13
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10226773	EPA8260	67-64-1	06/26/13
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10226773	EPA8260	107-13-1	06/26/13
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	71-43-2	06/26/13
Bromochloromethane	0.100 U	ug/L	1.00	0.100	0.100	10226773	EPA8260	074-97-5	06/26/13
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10226773	EPA8260	75-27-4	06/26/13
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	75-25-2	06/26/13
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	74-83-9	06/26/13
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10226773	EPA8260	75-15-0	06/26/13

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 1, 2013; Invoice: 208256

Lab #: 208256GW9 **Sampled:** 06/21/13 12:51 PM **Desc:** Trip Blank

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	56-23-5	06/26/13
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	108-90-7	06/26/13
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	75-00-3	06/26/13
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	67-66-3	06/26/13
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	74-87-3	06/26/13
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10226773	EPA8260	124-48-1	06/26/13
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	074-95-3	06/26/13
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	100-41-4	06/26/13
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10226773	EPA8260	074-88-4	06/26/13
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10226773	EPA8260	108-10-1	06/26/13
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10226773	EPA8260	75-09-2	06/26/13
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	106-46-7	06/26/13
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	100-42-5	06/26/13
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	127-18-4	06/26/13
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	108-88-3	06/26/13
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	79-01-6	06/26/13
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	75-69-4	06/26/13
Vinyl Acetate	5.00 U	ug/L	1.00	5.00	10.0	10226773	EPA8260	108-05-4	06/26/13
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	75-01-4	06/26/13
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10226773	EPA8260	1330-20-7	06/26/13
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10226773	EPA8260	156-59-2	06/26/13
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	10061-01-5	06/26/13
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	95-50-1	06/26/13
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	156-60-5	06/26/13
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10226773	EPA8260	10061-02-6	06/26/13
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10226773	EPA8260	110-57-6	06/26/13
Surr:1,2-Dichloroethane-d4 (77-129%)	132.60%		1.00	0.0100	0.0100	10226773	EPA8260		06/26/13
Surr:Bromofluorobenzene (70-122%)	68.20%		1.00	1.00	1.00	10226773	EPA8260	460-00-4	06/26/13
Surr:Toluene-d8 (80-120%)	94.50%		1.00	0.0100	0.0100	10226773	EPA8260		06/26/13

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 1, 2013; Invoice: 208256

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 1, 2013; Invoice: 208256

Quality Report

Quality Control Batch: 10197567 **Analyst:** MAC

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

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Chloride	49.9	mg/L	50.0	99.82	80.00-120.00

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
Chloride	51.0	mg/L	50.0	94.38	80.00-120.00	3.80

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
Chloride	51.0	mg/L	50.0	94.34	80.00-120.00	3.80	0.04	20.00

Quality Control Batch: 10226387 **Analyst:** PCW

Blank	**Result**	**Units**
Nitrate(as N)	0.0103	mg/L

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Nitrate(as N)	2.07	mg/L	2.00	103.50	80.00-120.00

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
Nitrate(as N)	3.99	mg/L	4.00	99.60	80.00-120.00	0.00587

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
Nitrate(as N)	3.89	mg/L	4.00	97.10	80.00-120.00	0.00587	2.54	20.00

Quality Control Batch: 10226442 **Analyst:** EVB

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

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 1, 2013; Invoice: 208256

Quality Control Batch: 10226442 **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
Vanadium	0.00100U	mg/L
Zinc	0.0100U	mg/L

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Antimony	0.225	mg/L	0.200	112.27	78.21-121.23
Arsenic	0.221	mg/L	0.200	110.39	77.97-118.12
Barium	0.209	mg/L	0.200	104.51	87.71-124.03
Beryllium	0.205	mg/L	0.200	102.61	86.54-129.99
Cadmium	0.203	mg/L	0.200	101.44	80.28-119.66
Chromium	0.220	mg/L	0.200	110.05	79.68-122.67
Cobalt	0.209	mg/L	0.200	104.55	75.47-125.43
Copper	0.221	mg/L	0.200	110.39	75.93-125.03
Lead	0.208	mg/L	0.200	103.75	84.18-120.50
Nickel	0.211	mg/L	0.200	105.66	77.04-123.91
Selenium	0.218	mg/L	0.200	109.13	73.74-123.68
Silver	0.221	mg/L	0.200	110.69	78.31-122.44
Thallium	0.210	mg/L	0.200	104.82	82.56-123.13

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 1, 2013; Invoice: 208256

Quality Control Batch: 10226442 **Analyst:** EVB

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Vanadium	0.222	mg/L	0.200	110.97	75.43-127.05
Zinc	0.217	mg/L	0.200	108.28	75.55-123.30

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
Antimony	0.211	mg/L	0.200	104.42	72.18-142.01	0.00254
Arsenic	0.206	mg/L	0.200	102.36	76.02-142.56	0.00139
Barium	0.280	mg/L	0.200	120.47	67.36-158.64	0.0389
Beryllium	0.218	mg/L	0.200	108.77	91.18-152.89	0.000500U
Cadmium	0.205	mg/L	0.200	102.25	77.92-136.42	0.00100U
Chromium	0.199	mg/L	0.200	97.78	72.27-142.06	0.00380
Cobalt	0.185	mg/L	0.200	92.44	69.22-139.08	0.00100U
Copper	0.189	mg/L	0.200	94.48	49.37-149.77	0.00100U
Lead	0.195	mg/L	0.200	97.32	65.56-145.73	0.00100U
Nickel	0.186	mg/L	0.200	91.84	65.47-134.19	0.00270
Selenium	0.195	mg/L	0.200	97.74	57.06-150.58	0.00200U
Silver	0.186	mg/L	0.200	92.53	49.80-146.63	0.000640
Thallium	0.227	mg/L	0.200	113.53	62.20-153.09	0.00100U
Vanadium	0.199	mg/L	0.200	99.51	71.20-143.90	0.00100U
Zinc	0.261	mg/L	0.200	130.41	40.77-155.82	0.0100U

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
Antimony	0.212	mg/L	0.200	104.69	72.18-142.01	0.00254	0.26	26.68
Arsenic	0.209	mg/L	0.200	103.59	76.02-142.56	0.00139	1.18	22.42
Barium	0.280	mg/L	0.200	120.58	67.36-158.64	0.0389	0.08	35.38
Beryllium	0.220	mg/L	0.200	110.13	91.18-152.89	0.000500U	1.24	24.78
Cadmium	0.209	mg/L	0.200	104.68	77.92-136.42	0.00100U	2.34	21.10
Chromium	0.201	mg/L	0.200	98.72	72.27-142.06	0.00380	0.94	21.22
Cobalt	0.187	mg/L	0.200	93.54	69.22-139.08	0.00100U	1.18	28.10
Copper	0.186	mg/L	0.200	92.78	49.37-149.77	0.00100U	1.82	28.99

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 1, 2013; Invoice: 208256

Quality Control Batch: 10226442 **Analyst:** EVB

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
Lead	0.201	mg/L	0.200	100.42	65.56-145.73	0.00100U	3.14	26.53
Nickel	0.188	mg/L	0.200	92.51	65.47-134.19	0.00270	0.72	30.10
Selenium	0.200	mg/L	0.200	100.02	57.06-150.58	0.00200U	2.31	25.49
Silver	0.186	mg/L	0.200	92.69	49.80-146.63	0.000640	0.18	37.01
Thallium	0.233	mg/L	0.200	116.52	62.20-153.09	0.00100U	2.60	24.80
Vanadium	0.204	mg/L	0.200	101.93	71.20-143.90	0.00100U	2.41	28.47
Zinc	0.262	mg/L	0.200	131.08	40.77-155.82	0.0100U	0.51	28.40

Quality Control Batch: 10226500 **Analyst:** PLB

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

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
TDS	1530	mg/L	1500	101.73	91.15-105.70

Quality Control Batch: 10226574 **Analyst:** EVB

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

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Mercury	0.00104	mg/L	0.00100	103.70	90.27-115.31

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
Mercury	0.00281	mg/L	0.00300	93.77	81.00-122.08	0.0000200U

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
Mercury	0.00310	mg/L	0.00300	103.17	81.00-122.08	0.0000200U	9.55	8.88

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 1, 2013; Invoice: 208256

Quality Control Batch: 10226610 **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	5.44	mg/L	5.00	108.80	81.21-113.54
Sodium	4.85	mg/L	5.00	96.93	78.62-112.15

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
Iron	16.8	mg/L	10.0	91.82	57.02-147.60	7.63
Sodium	18.4	mg/L	10.0	85.50	37.63-161.64	9.88

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
Iron	17.4	mg/L	10.0	97.49	57.02-147.60	7.63	3.32	19.53
Sodium	19.2	mg/L	10.0	92.89	37.63-161.64	9.88	3.93	19.20

Quality Control Batch: 10226761 **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	0.213	ug/L	0.250	85.34	80.00-120.00
1,2-Dibromoethane (EDB)	0.275	ug/L	0.250	109.95	71.37-128.24
1,2-dibromo-3-chloropropane	0.249	ug/L	0.250	99.52	56.44-144.91

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
1,2,3-Trichloropropane	0.212	ug/L	0.250	84.72	80.00-120.00	0.0200U
1,2-Dibromoethane (EDB)	0.276	ug/L	0.250	110.30	68.22-125.80	0.0100U

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 1, 2013; Invoice: 208256

Quality Control Batch: 10226761 **Analyst:** DLJ

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
1,2-dibromo-3-chloropropane	0.241	ug/L	0.250	96.37	60.03-124.62	0.0200U

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
1,2,3-Trichloropropane	0.210	ug/L	0.250	83.85	80.00-120.00	0.0200U	1.03	20.00
1,2-Dibromoethane (EDB)	0.235	ug/L	0.250	93.99	68.22-125.80	0.0100U	15.97	16.28
1,2-dibromo-3-chloropropane	0.240	ug/L	0.250	95.88	60.03-124.62	0.0200U	0.50	10.23

Quality Control Batch: 10226773 **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
Ethylbenzene	0.500U	ug/L
Methyl Iodide	1.00U	ug/L
Methyl isobutyl ketone	1.00U	ug/L

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 1, 2013; Invoice: 208256

Quality Control Batch: 10226773 **Analyst:** CLS

Blank	**Result**	**Units**
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	7.36	ug/L
Surr:Toluene-d8	8.63	ug/L
Surr:1,2-Dichloroethane-d4	10.7	ug/L

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

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 1, 2013; Invoice: 208256

Quality Control Batch: 10226773 **Analyst:** CLS

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Acetone	11.2	ug/L	10.0	111.50	38.88-162.52
Acrylonitrile	11.7	ug/L	10.0	116.50	40.32-146.67
Benzene	11.4	ug/L	10.0	113.70	69.86-134.08
Bromochloromethane	10.9	ug/L	10.0	109.20	73.37-125.03
Bromodichloromethane	10.3	ug/L	10.0	102.60	73.69-129.06
Bromoform	9.07	ug/L	10.0	90.70	66.50-120.60
Bromomethane	12.5	ug/L	10.0	124.90	52.06-149.03
Carbon Disulfide	12.7	ug/L	10.0	127.00	72.42-160.65
Carbon Tetrachloride	10.3	ug/L	10.0	103.00	69.24-130.87
Chlorobenzene	10.9	ug/L	10.0	108.60	76.12-122.63
Chloroethane	11.7	ug/L	10.0	116.90	54.48-148.84
Chloroform	10.8	ug/L	10.0	108.40	70.86-132.14
Chloromethane	11.0	ug/L	10.0	109.70	53.66-151.98
cis-1,2-dichloroethene	9.84	ug/L	10.0	98.40	72.17-127.13
cis-1,3-Dichloropropene	9.15	ug/L	10.0	91.50	72.26-128.63
Dibromochloromethane	10.1	ug/L	10.0	100.50	72.48-118.93
Dibromomethane	10.9	ug/L	10.0	108.90	76.53-123.91
Ethylbenzene	10.4	ug/L	10.0	104.10	70.56-124.95
Methyl Iodide	10.9	ug/L	10.0	108.80	55.71-163.66
Methyl isobutyl ketone	9.07	ug/L	10.0	90.70	50.12-132.13
Methylene chloride	14.3	ug/L	10.0	143.30	40.69-151.61
o-dichlorobenzene	11.0	ug/L	10.0	109.90	59.80-127.24
Para-dichlorobenzene	11.2	ug/L	10.0	112.40	59.80-127.16
Styrene	10.1	ug/L	10.0	101.00	64.43-121.79
Tetrachloroethene	10.7	ug/L	10.0	106.60	49.80-173.40
Toluene	11.1	ug/L	10.0	111.10	75.34-126.10
trans-1,2-dichloroethene	11.1	ug/L	10.0	110.80	69.34-133.94
trans-1,3,-Dichloropropene	9.42	ug/L	10.0	94.20	69.36-124.24
Trichloroethene	10.5	ug/L	10.0	105.40	70.68-139.87

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 1, 2013; Invoice: 208256

Quality Control Batch: 10226773 **Analyst:** CLS

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Trichlorofluoromethane	10.5	ug/L	10.0	104.80	44.99-156.60
Vinyl chloride	11.5	ug/L	10.0	114.60	56.53-148.31
Xylenes	30.6	ug/L	30.0	101.87	70.92-123.99
1,1,1,2-Tetrachloroethane	10.8	ug/L	10.0	107.70	72.36-126.72
1,1,1-Trichloroethane	10.9	ug/L	10.0	109.30	72.34-131.71
1,1,2,2-Tetrachloroethane	11.2	ug/L	10.0	112.10	73.03-130.21
1,1,2-Trichloroethane	10.9	ug/L	10.0	109.30	78.01-120.70
1,1-Dichloroethane	11.2	ug/L	10.0	111.50	68.89-133.90
1,1-Dichloroethene	11.0	ug/L	10.0	110.20	57.83-149.70
1,2-dichloroethane	11.2	ug/L	10.0	111.60	71.63-130.49
1,2-dichloropropane	10.7	ug/L	10.0	106.90	72.07-128.11
2-Butanone (MEK)	10.4	ug/L	10.0	104.10	59.03-164.47
2-Hexanone	8.23	ug/L	10.0	82.30	60.06-141.22
Surr:Bromofluorobenzene	9.81	ug/L	10.0	98.10	70.00-122.32
Surr:Toluene-d8	9.56	ug/L	10.0	95.60	80.00-120.00
Surr:1,2-Dichloroethane-d4	10.0	ug/L	10.0	100.10	77.68-129.99

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
Acetone	18.5	ug/L	20.0	92.45	46.01-156.32	5.00U
Acrylonitrile	22.9	ug/L	20.0	114.70	43.40-147.39	0.300U
Benzene	23.5	ug/L	20.0	117.55	74.48-134.24	0.500U
Bromochloromethane	22.5	ug/L	20.0	112.50	73.98-126.75	0.100U
Bromodichloromethane	21.6	ug/L	20.0	108.10	74.51-131.60	0.100U
Bromoform	21.4	ug/L	20.0	106.75	65.77-126.66	0.500U
Bromomethane	27.6	ug/L	20.0	138.05	45.79-154.07	0.500U
Carbon Tetrachloride	22.5	ug/L	20.0	112.55	69.71-134.11	0.500U
Chlorobenzene	22.2	ug/L	20.0	110.80	78.18-124.63	0.500U
Chloroethane	22.2	ug/L	20.0	111.20	57.96-148.61	0.500U
Chloroform	21.9	ug/L	20.0	109.30	67.52-139.02	0.500U

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 1, 2013; Invoice: 208256

Quality Control Batch: 10226773 **Analyst:** CLS

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
Chloromethane	22.1	ug/L	20.0	110.45	51.30-156.78	0.500U
cis-1,2-dichloroethene	22.4	ug/L	20.0	112.20	76.64-126.84	0.200U
cis-1,3-Dichloropropene	22.6	ug/L	20.0	113.05	67.26-137.96	0.500U
Dibromochloromethane	21.8	ug/L	20.0	109.00	73.00-123.23	0.400U
Dibromomethane	22.6	ug/L	20.0	112.90	73.11-128.50	0.500U
Ethylbenzene	23.1	ug/L	20.0	115.25	73.91-128.64	0.500U
Methyl Iodide	31.2	ug/L	20.0	156.10	54.23-165.25	1.00U
Methyl isobutyl ketone	23.6	ug/L	20.0	118.10	57.64-133.07	1.00U
Methylene chloride	21.4	ug/L	20.0	107.05	50.29-142.90	1.00U
o-dichlorobenzene	23.3	ug/L	20.0	116.45	71.04-127.37	0.500U
Para-dichlorobenzene	22.8	ug/L	20.0	113.75	70.44-126.55	0.500U
Styrene	22.3	ug/L	20.0	111.70	68.01-124.71	0.500U
Tetrachloroethene	22.0	ug/L	20.0	110.20	49.77-180.05	0.500U
Toluene	23.0	ug/L	20.0	114.80	77.67-128.73	0.500U
trans-1,2-dichloroethene	23.0	ug/L	20.0	115.20	71.14-135.42	0.500U
trans-1,3,-Dichloropropene	21.8	ug/L	20.0	109.15	68.77-131.64	0.500U
Trichloroethene	22.4	ug/L	20.0	112.00	77.68-135.38	0.500U
Trichlorofluoromethane	21.4	ug/L	20.0	107.15	48.94-159.62	0.500U
Vinyl chloride	22.8	ug/L	20.0	114.05	56.51-147.62	0.500U
Xylenes	66.7	ug/L	60.0	111.10	74.03-127.32	1.00U
1,1,1,2-Tetrachloroethane	21.8	ug/L	20.0	109.10	74.08-128.41	0.500U
1,1,1-Trichloroethane	22.8	ug/L	20.0	114.15	74.12-134.44	0.500U
1,1,2,2-Tetrachloroethane	23.1	ug/L	20.0	115.60	70.96-136.31	0.100U
1,1,2-Trichloroethane	21.7	ug/L	20.0	108.65	78.08-124.41	0.500U
1,1-Dichloroethane	22.3	ug/L	20.0	111.35	72.78-134.55	0.500U
1,1-Dichloroethene	24.3	ug/L	20.0	121.65	58.40-151.32	0.500U
1,2-dichloroethane	22.1	ug/L	20.0	110.50	71.53-134.48	0.500U
1,2-dichloropropane	22.5	ug/L	20.0	112.60	74.50-129.66	0.200U
2-Butanone (MEK)	21.2	ug/L	20.0	105.80	64.53-153.74	0.500U

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 1, 2013; Invoice: 208256

Quality Control Batch: 10226773 **Analyst:** CLS

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
2-Hexanone	21.1	ug/L	20.0	105.25	62.58-147.29	0.500U
Surr:Bromofluorobenzene	9.81	ug/L	10.0	98.10	53.82-151.16	
Surr:Toluene-d8	9.70	ug/L	10.0	97.00	88.05-109.81	
Surr:1,2-Dichloroethane-d4	10.1	ug/L	10.0	100.70	75.07-126.19	

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
Acetone	23.6	ug/L	20.0	118.15	46.01-156.32	5.00U	24.41	38.47
Acrylonitrile	29.4	ug/L	20.0	146.75	43.40-147.39	0.300U	24.52	24.85
Benzene	27.5	ug/L	20.0	137.65	74.48-134.24	0.500U	15.75	18.98
Bromochloromethane	27.3	ug/L	20.0	136.40	73.98-126.75	0.100U	19.20	15.45
Bromodichloromethane	25.1	ug/L	20.0	125.40	74.51-131.60	0.100U	14.82	14.47
Bromoform	23.5	ug/L	20.0	117.50	65.77-126.66	0.500U	9.59	18.89
Bromomethane	33.4	ug/L	20.0	167.15	45.79-154.07	0.500U	19.07	22.97
Carbon Tetrachloride	26.0	ug/L	20.0	130.05	69.71-134.11	0.500U	14.43	18.68
Chlorobenzene	25.6	ug/L	20.0	128.00	78.18-124.63	0.500U	14.41	17.54
Chloroethane	26.7	ug/L	20.0	133.40	57.96-148.61	0.500U	18.15	24.25
Chloroform	25.8	ug/L	20.0	129.10	67.52-139.02	0.500U	16.61	17.36
Chloromethane	26.3	ug/L	20.0	131.60	51.30-156.78	0.500U	17.48	24.58
cis-1,2-dichloroethene	26.4	ug/L	20.0	132.05	76.64-126.84	0.200U	16.25	19.01
cis-1,3-Dichloropropene	26.5	ug/L	20.0	132.70	67.26-137.96	0.500U	15.99	17.79
Dibromochloromethane	24.8	ug/L	20.0	124.05	73.00-123.23	0.400U	12.92	17.16
Dibromomethane	26.0	ug/L	20.0	130.15	73.11-128.50	0.500U	14.19	14.33
Ethylbenzene	26.6	ug/L	20.0	132.95	73.91-128.64	0.500U	14.26	17.78
Methyl Iodide	36.7	ug/L	20.0	183.55	54.23-165.25	1.00U	16.16	24.15
Methyl isobutyl ketone	27.9	ug/L	20.0	139.35	57.64-133.07	1.00U	16.51	23.20
Methylene chloride	25.4	ug/L	20.0	126.95	50.29-142.90	1.00U	17.01	22.29
o-dichlorobenzene	25.9	ug/L	20.0	129.60	71.04-127.37	0.500U	10.69	17.00
Para-dichlorobenzene	25.4	ug/L	20.0	127.10	70.44-126.55	0.500U	11.09	14.84
Styrene	25.5	ug/L	20.0	127.55	68.01-124.71	0.500U	13.25	17.03

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 1, 2013; Invoice: 208256

Quality Control Batch: 10226773 **Analyst:** CLS

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
Tetrachloroethene	24.9	ug/L	20.0	124.70	49.77-180.05	0.500U	12.35	27.05
Toluene	26.3	ug/L	20.0	131.45	77.67-128.73	0.500U	13.52	18.11
trans-1,2-dichloroethene	26.9	ug/L	20.0	134.55	71.14-135.42	0.500U	15.50	19.23
trans-1,3,-Dichloropropene	25.2	ug/L	20.0	125.80	68.77-131.64	0.500U	14.17	17.05
Trichloroethene	26.7	ug/L	20.0	133.45	77.68-135.38	0.500U	17.48	16.98
Trichlorofluoromethane	25.7	ug/L	20.0	128.55	48.94-159.62	0.500U	18.16	24.90
Vinyl chloride	27.7	ug/L	20.0	138.25	56.51-147.62	0.500U	19.18	21.53
Xylenes	75.8	ug/L	60.0	126.28	74.03-127.32	1.00U	12.79	18.64
1,1,1,2-Tetrachloroethane	25.1	ug/L	20.0	125.65	74.08-128.41	0.500U	14.10	18.35
1,1,1-Trichloroethane	26.5	ug/L	20.0	132.70	74.12-134.44	0.500U	15.03	19.03
1,1,2,2-Tetrachloroethane	26.7	ug/L	20.0	133.60	70.96-136.31	0.100U	14.45	18.50
1,1,2-Trichloroethane	25.0	ug/L	20.0	124.75	78.08-124.41	0.500U	13.80	15.94
1,1-Dichloroethane	26.6	ug/L	20.0	132.85	72.78-134.55	0.500U	17.61	16.44
1,1-Dichloroethene	28.9	ug/L	20.0	144.55	58.40-151.32	0.500U	17.21	23.15
1,2-dichloroethane	25.9	ug/L	20.0	129.40	71.53-134.48	0.500U	15.76	15.32
1,2-dichloropropane	26.4	ug/L	20.0	132.15	74.50-129.66	0.200U	15.98	16.56
2-Butanone (MEK)	24.9	ug/L	20.0	124.55	64.53-153.74	0.500U	16.28	32.53
2-Hexanone	24.2	ug/L	20.0	121.05	62.58-147.29	0.500U	13.96	25.26
Surr:Bromofluorobenzene	10.0	ug/L	10.0	100.00	53.82-151.16		1.92	13.51
Surr:Toluene-d8	9.97	ug/L	10.0	99.70	88.05-109.81		2.75	7.44
Surr:1,2-Dichloroethane-d4	10.0	ug/L	10.0	100.20	75.07-126.19		0.50	8.75

Quality Control Batch: 10226977 **Analyst:** PCW

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

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Ammonia (as N)	0.584	mg/L	0.500	116.80	81.98-117.44

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 1, 2013; Invoice: 208256

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**		
Ammonia (as N)	0.769	mg/L	0.780	100.69	48.79-135.13	-0.0164		
Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
Ammonia (as N)	0.772	mg/L	0.780	101.08	48.79-135.13	-0.0164	0.39	14.25

Quality Control Batch: 10226978 **Analyst:** PCW

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

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Ammonia (as N)	0.577	mg/L	0.500	115.40	80.72-118.76

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**		
Ammonia (as N)	1.18	mg/L	0.780	97.05	54.58-133.65	0.423		
Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
Ammonia (as N)	1.18	mg/L	0.780	97.05	54.58-133.65	0.423	0.00	13.84

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 1, 2013; Invoice: 208256

Narrative Report

Sample Handling
Sample handling and holding time criteria were met for all samples. Samples collected by submitter. No unusual events occurred during analysis. Results are reported on a wet weight basis.

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

Check Box That Applies To Your Location

- [x] **Flowers Chemical Laboratories, Inc.**
  481 Newburyport Ave.
  Altamonte Springs, FL 32701
  Bus: 407-339-5984
  Fax: 407-260-6110
- [ ] **Flowers Chemical Labs-South**
  West Park Industrial Plaza
  571 N.W. Mercantile Pl., Ste. 111
  Port St. Lucie, FL 34986
  Bus: 772-343-8006
  Fax: 772-343-8089
- [ ] **Flowers Chemical Labs-North**
  812 S.W. Harvey Greene Dr.
  Madison, FL 32340
  Bus: 850-973-6878
  Fax: 850-973-6878
- [ ] **Flowers Chemical Labs-Keys**
  3980 Overseas Highway, Ste. 103
  Marathon, FL 33050
  Bus: 305-743-8598
  Fax: 305-743-8598

FLOWERS CHEMICAL LABORATORIES INCORPORATED

DOWNLOAD REPORTS, INVOICES AND CHAINS OF CUSTODY www.flowerslabs.com

Client: ATKINS - TAMPA ACCT
Address:
Phone:
Sampled By (PRINT):
Sampler Signature: Date Sampled:

Project Name: HARDEE CO. LANDFILL
P.O. #: 40612
Client Contact:
FAX:
FCL Project Manager:
E-MAIL:
Requested Due Date 10 Day Standard OR
Rush Charges May Apply
Pick-Up Fee $ Vehicle Surcharge $ Sampling Fee $

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

PRESERVATIVES: NONE, H_2SO_4, HNO_3, HCl, $Na_2S_2O_3$

ANALYSES REQUEST: USE QUICKLIST "LANDFILL APPLT" FIELD DATA IS INCLUDED.

COMMENTS: On ice <6°C

ITEM NO.	SAMPLE ID	DATE	TIME	MATRIX	(LAB USE ONLY) LAB NO.	Total # Containers
1	MW-1	6/20/13	12:51	GW	208256 GW1	See Attached
2	MW-2	6/20/13	10:31	"	GW2	
3	MW-4	6/20/13	11:24	"	GW3	
4	MW-5	6/20/13	13:46	"	GW4	
5	MW-8	6/20/13	14:22	"	GW5	
6	MW-10R	6/21/13	9:26	"	GW6	
7	MW-11	6/21/13	8:21	"	GW7	
8	MW-12R	6/20/13	16:28	"	GW8	
9	Trip Blank				GW9	
10						

Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Laymon Collins	6/24/13	15:22									
										6/24/13	15:22

FINANCE CHARGES APPLIED TO PAST DUE INVOICES

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

Rev 04-08

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 2, 2013; Invoice: 208255

Report Summary

Date Received: Jun 21, 2013

FCL Project Manager: June S. Flowers

Laboratory #	Sample Description	Analysis	Chemist	Location	SampleMatrix
208255SW1	SW-1/14642	EPA245.1	EVB	Main Lab	Surface Water
		EPA351.2	VLB	Main Lab	
		EPA353.2	PCW	Main Lab	
		EPA365.4	VLB	Main Lab	
		EPA410.4	CTH	Main Lab	
		EPA6010	EVB	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	
		SM2540 D	PLB	Main Lab	
		SM5210 B	MAC	Main Lab	
		SM5310 C	PCW	Main Lab	
		SM9222 D	TRB	Main Lab	
		TotNit			

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

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 2, 2013; Invoice: 208255

Analysis Report

Lab #: 208255SW1 **Sampled:** 06/21/13 11:22 AM **Desc:** SW-1/14642

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Total Nitrogen(as N)	0.777		0				TotNit	17778-88-0		
TKN(as N)	0.777	mg/L	1.00	0.200	0.400	10179336	EPA351.2	7727-37-9	06/28/13	
Total Phosphorous(as P)	0.334	mg/L	1.00	0.0400	0.0400	10179343	EPA365.4	7723-14-0	06/28/13	
Nitrate(as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10226387	EPA353.2	14797-55-8	06/21/13	04:09 PM
Nitrite(as N)	0.0200 U	mg/L	1.00	0.0200	0.0400	10226387	EPA353.2	14797-65-0	06/21/13	04:09 PM
Fecal Coliform	200 TNTC	cfu/100mL	1.00	1.00	1.00	10226409	SM9222 D	E761792	06/21/13	04:30 PM
Aluminum	0.0705	mg/L	1.00	0.0100	0.0200	10226442	EPA6020	7429-90-5	06/24/13	
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10226442	EPA6020	7440-36-0	06/24/13	
Arsenic	0.00100 U	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-38-2	06/24/13	
Barium	0.00200 U	mg/L	1.00	0.00200	0.00400	10226442	EPA6020	7440-39-3	06/24/13	
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10226442	EPA6020	7440-41-7	06/24/13	
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-43-9	06/24/13	
Chromium	0.00226	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-47-3	06/24/13	
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-48-4	06/24/13	
Copper	0.00102 I	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-50-8	06/24/13	
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7439-92-1	06/24/13	
Nickel	0.00100 U	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-02-0	06/24/13	
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10226442	EPA6020	7782-49-2	06/24/13	
Silver	0.000540 I	mg/L	1.00	0.000500	0.00100	10226442	EPA6020	7440-22-4	06/24/13	
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-28-0	06/24/13	
Vanadium	0.00100 U	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-62-2	06/24/13	
Zinc	0.0100 U	mg/L	1.00	0.0100	0.0200	10226442	EPA6020	7440-66-6	06/24/13	
Mercury	0.0000131	mg/L	1.00	6.00E-7	0.0000012	10226449	EPA245.1	7439-97-6	06/25/13	
TDS	64.0	mg/L	1.00	2.50	5.00	10226500	SM2540 C	10-33-3	06/22/13	
Field pH (units)	6.02	pH	1.00	0.0100	0.0200	10226552	FT1100	C006	06/21/13	
Field Conductivity	39.0	umhos/cm	1.00	0.100	0.100	10226552	FT1200		06/21/13	
Field Temp. (C)	32.9	oC	1.00	0.100	0.100	10226552	FT1400		06/21/13	

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 2, 2013; Invoice: 208255

Lab #: 208255SW1 **Sampled:** 06/21/13 11:22 AM **Desc:** SW-1/14642

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Field DO	5.77	mg/L	1.00	0.100	0.100	10226552	FT1500		06/21/13	
Field Turbidity	2.03	NTU	1.00	0.100	0.100	10226552	FT1600		06/21/13	
Iron	0.0770	mg/L	1.00	0.0100	0.0200	10226610	EPA6010	7439-89-6	06/25/13	
Total Hardness (as CaCO3)	25.3	mg/L	1.00	0.100	0.200	10226612	SM2340 B	40-11-9	06/25/13	
BOD5day	2.27	mg/L	1.00	2.00	2.00	10226649	SM5210 B	E1640606	06/21/13	11:30 AM
TOC	8.35	mg/L	1.00	1.00	2.00	10226696	SM5310 C	E701250	06/26/13	
TSS	1.00 U	mg/L	1.00	1.00	2.00	10226735	SM2540 D	E1642818	06/26/13	
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10226760	EPA8011	096-18-4	06/27/13	
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10226760	EPA8011	106-93-4	06/27/13	
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10226760	EPA8011	96-12-8	06/27/13	
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226771	EPA8260	630-20-6	06/26/13	
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226771	EPA8260	71-55-6	06/26/13	
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10226771	EPA8260	79-34-5	06/26/13	
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226771	EPA8260	79-00-5	06/26/13	
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226771	EPA8260	75-34-3	06/26/13	
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10226771	EPA8260	75-35-4	06/26/13	
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.500	10226771	EPA8260	107-06-2	06/26/13	
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10226771	EPA8260	78-87-5	06/26/13	
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10226771	EPA8260	78-93-3	06/26/13	
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10226771	EPA8260	591-78-6	06/26/13	
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10226771	EPA8260	67-64-1	06/26/13	
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10226771	EPA8260	107-13-1	06/26/13	
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10226771	EPA8260	71-43-2	06/26/13	
Bromochloromethane	0.100 U	ug/L	1.00	0.100	0.100	10226771	EPA8260	074-97-5	06/26/13	
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10226771	EPA8260	75-27-4	06/26/13	
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10226771	EPA8260	75-25-2	06/26/13	
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10226771	EPA8260	74-83-9	06/26/13	
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10226771	EPA8260	75-15-0	06/26/13	
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10226771	EPA8260	56-23-5	06/26/13	

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 2, 2013; Invoice: 208255

Lab #: 208255SW1 **Sampled:** 06/21/13 11:22 AM **Desc:** SW-1/14642

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10226771	EPA8260	108-90-7	06/26/13
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226771	EPA8260	75-00-3	06/26/13
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10226771	EPA8260	67-66-3	06/26/13
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10226771	EPA8260	74-87-3	06/26/13
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10226771	EPA8260	124-48-1	06/26/13
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10226771	EPA8260	074-95-3	06/26/13
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10226771	EPA8260	100-41-4	06/26/13
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10226771	EPA8260	074-88-4	06/26/13
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10226771	EPA8260	108-10-1	06/26/13
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10226771	EPA8260	75-09-2	06/26/13
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10226771	EPA8260	106-46-7	06/26/13
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10226771	EPA8260	100-42-5	06/26/13
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10226771	EPA8260	127-18-4	06/26/13
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10226771	EPA8260	108-88-3	06/26/13
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10226771	EPA8260	79-01-6	06/26/13
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10226771	EPA8260	75-69-4	06/26/13
Vinyl Acetate	5.00 U	ug/L	1.00	5.00	10.0	10226771	EPA8260	108-05-4	06/26/13
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10226771	EPA8260	75-01-4	06/26/13
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10226771	EPA8260	1330-20-7	06/26/13
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10226771	EPA8260	156-59-2	06/26/13
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10226771	EPA8260	10061-01-5	06/26/13
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10226771	EPA8260	95-50-1	06/26/13
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10226771	EPA8260	156-60-5	06/26/13
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10226771	EPA8260	10061-02-6	06/26/13
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10226771	EPA8260	110-57-6	06/26/13
Surr:1,2-Dichloroethane-d4 (85-128%)	117.80%		1.00	0.0100	0.0100	10226771	EPA8260		06/26/13
Surr:Bromofluorobenzene (77-123%)	68.50%		1.00	1.00	1.00	10226771	EPA8260	460-00-4	06/26/13
Surr:Toluene-d8 (80-120%)	87.50%		1.00	0.0100	0.0100	10226771	EPA8260		06/26/13
Chlorophyll a	1.69 I	mg/m3	1.00	1.00	2.00	10226970	SM10200 H	479-61-8	06/21/13

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 2, 2013; Invoice: 208255

Lab #: 208255SW1 **Sampled:** 06/21/13 11:22 AM **Desc:** SW-1/14642

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Unionized NH3(as N)	0.000100 U	mg/L	1.00	0.000100	0.000200	10226979	FDEP DEP-SOF		07/01/13
Chemical Oxygen Demand	48.5	mg/L	1.00	20.0	40.0	10227031	EPA410.4	C-004	07/02/13

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 2, 2013; Invoice: 208255

Quality Report

Quality Control Batch: 10179336 **Analyst:** VLB

Blank	**Result**	**Units**
TKN(as N)	0.200U	mg/L

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
TKN(as N)	2.93	mg/L	3.00	97.58	82.56-111.48

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
TKN(as N)	3.33	mg/L	3.00	94.29	70.42-125.50	0.499

Quality Control Batch: 10179343 **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)	1.43	mg/L	1.50	95.23	89.44-107.01

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
Total Phosphorous(as P)	1.47	mg/L	1.50	96.08	81.99-117.81	0.0297

Quality Control Batch: 10226387 **Analyst:** PCW

Blank	**Result**	**Units**
Nitrate(as N)	0.0103	mg/L
Nitrite(as N)	0.0200U	mg/L

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Nitrate(as N)	2.07	mg/L	2.00	103.50	80.00-120.00

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 2, 2013; Invoice: 208255

Quality Control Batch: 10226387 **Analyst:** PCW

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Nitrite(as N)	0.961	mg/L	1.00	96.10	80.00-120.00

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
Nitrate(as N)	3.99	mg/L	4.00	99.60	80.00-120.00	0.00587
Nitrite(as N)	3.78	mg/L	4.00	94.25	80.00-120.00	0.0100

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
Nitrate(as N)	3.89	mg/L	4.00	97.10	80.00-120.00	0.00587	2.54	20.00
Nitrite(as N)	3.76	mg/L	4.00	93.75	80.00-120.00	0.0100	0.53	20.00

Quality Control Batch: 10226409 **Analyst:** TRB

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

Quality Control Batch: 10226442 **Analyst:** EVB

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

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 2, 2013; Invoice: 208255

Quality Control Batch: 10226442 **Analyst:** EVB

Blank	**Result**	**Units**
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**
Aluminum	0.217	mg/L	0.200	108.65	82.49-117.14
Antimony	0.225	mg/L	0.200	112.27	78.21-121.23
Arsenic	0.221	mg/L	0.200	110.39	77.97-118.12
Barium	0.209	mg/L	0.200	104.51	87.71-124.03
Beryllium	0.205	mg/L	0.200	102.61	86.54-129.99
Cadmium	0.203	mg/L	0.200	101.44	80.28-119.66
Chromium	0.220	mg/L	0.200	110.05	79.68-122.67
Cobalt	0.209	mg/L	0.200	104.55	75.47-125.43
Copper	0.221	mg/L	0.200	110.39	75.93-125.03
Lead	0.208	mg/L	0.200	103.75	84.18-120.50
Nickel	0.211	mg/L	0.200	105.66	77.04-123.91
Selenium	0.218	mg/L	0.200	109.13	73.74-123.68
Silver	0.221	mg/L	0.200	110.69	78.31-122.44
Thallium	0.210	mg/L	0.200	104.82	82.56-123.13
Vanadium	0.222	mg/L	0.200	110.97	75.43-127.05
Zinc	0.217	mg/L	0.200	108.28	75.55-123.30

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
Aluminum	0.254	mg/L	0.200	110.77	41.22-163.00	0.0324
Antimony	0.211	mg/L	0.200	104.42	72.18-142.01	0.00254
Arsenic	0.206	mg/L	0.200	102.36	76.02-142.56	0.00139
Barium	0.280	mg/L	0.200	120.47	67.36-158.64	0.0389
Beryllium	0.218	mg/L	0.200	108.77	91.18-152.89	0.000500U

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 2, 2013; Invoice: 208255

Quality Control Batch: 10226442 **Analyst:** EVB

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
Cadmium	0.205	mg/L	0.200	102.25	77.92-136.42	0.00100U
Chromium	0.199	mg/L	0.200	97.78	72.27-142.06	0.00380
Cobalt	0.185	mg/L	0.200	92.44	69.22-139.08	0.00100U
Copper	0.189	mg/L	0.200	94.48	49.37-149.77	0.00100U
Lead	0.195	mg/L	0.200	97.32	65.56-145.73	0.00100U
Nickel	0.186	mg/L	0.200	91.84	65.47-134.19	0.00270
Selenium	0.195	mg/L	0.200	97.74	57.06-150.58	0.00200U
Silver	0.186	mg/L	0.200	92.53	49.80-146.63	0.000640
Thallium	0.227	mg/L	0.200	113.53	62.20-153.09	0.00100U
Vanadium	0.199	mg/L	0.200	99.51	71.20-143.90	0.00100U
Zinc	0.261	mg/L	0.200	130.41	40.77-155.82	0.0100U

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
Aluminum	0.266	mg/L	0.200	116.84	41.22-163.00	0.0324	4.67	40.04
Antimony	0.212	mg/L	0.200	104.69	72.18-142.01	0.00254	0.26	26.68
Arsenic	0.209	mg/L	0.200	103.59	76.02-142.56	0.00139	1.18	22.42
Barium	0.280	mg/L	0.200	120.58	67.36-158.64	0.0389	0.08	35.38
Beryllium	0.220	mg/L	0.200	110.13	91.18-152.89	0.000500U	1.24	24.78
Cadmium	0.209	mg/L	0.200	104.68	77.92-136.42	0.00100U	2.34	21.10
Chromium	0.201	mg/L	0.200	98.72	72.27-142.06	0.00380	0.94	21.22
Cobalt	0.187	mg/L	0.200	93.54	69.22-139.08	0.00100U	1.18	28.10
Copper	0.186	mg/L	0.200	92.78	49.37-149.77	0.00100U	1.82	28.99
Lead	0.201	mg/L	0.200	100.42	65.56-145.73	0.00100U	3.14	26.53
Nickel	0.188	mg/L	0.200	92.51	65.47-134.19	0.00270	0.72	30.10
Selenium	0.200	mg/L	0.200	100.02	57.06-150.58	0.00200U	2.31	25.49
Silver	0.186	mg/L	0.200	92.69	49.80-146.63	0.000640	0.18	37.01
Thallium	0.233	mg/L	0.200	116.52	62.20-153.09	0.00100U	2.60	24.80
Vanadium	0.204	mg/L	0.200	101.93	71.20-143.90	0.00100U	2.41	28.47
Zinc	0.262	mg/L	0.200	131.08	40.77-155.82	0.0100U	0.51	28.40

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 2, 2013; Invoice: 208255

Quality Control Batch: 10226449 **Analyst:** EVB

Blank	**Result**	**Units**
Mercury	6.00E-7U	mg/L

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Mercury	0.0000208	mg/L	0.0000200	104.00	80.00-120.00

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
Mercury	0.0000520	mg/L	0.0000400	86.25	80.00-120.00	0.0000175

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
Mercury	0.0000543	mg/L	0.0000400	92.00	80.00-120.00	0.0000175	4.33	20.00

Quality Control Batch: 10226500 **Analyst:** PLB

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

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
TDS	1530	mg/L	1500	101.73	91.15-105.70

Quality Control Batch: 10226610 **Analyst:** EVB

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

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Iron	5.44	mg/L	5.00	108.80	81.21-113.54

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
Iron	16.8	mg/L	10.0	91.82	57.02-147.60	7.63

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 2, 2013; Invoice: 208255

Quality Control Batch: 10226610 **Analyst:** EVB

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
Iron	17.4	mg/L	10.0	97.49	57.02-147.60	7.63	3.32	19.53

Quality Control Batch: 10226612 **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)	35.0	mg/L	33.1	105.67	85.06-113.17

Quality Control Batch: 10226649 **Analyst:** MAC

Blank	**Result**	**Units**
BOD5day	2.00U	mg/L

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
BOD5day	181	mg/L	198	91.57	84.50-115.40

Quality Control Batch: 10226696 **Analyst:** PCW

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

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
TOC	9.64	mg/L	10.0	96.40	80.00-120.00

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
TOC	16.9	mg/L	10.0	102.77	82.88-112.34	6.64

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

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 2, 2013; Invoice: 208255

Quality Control Batch: 10226696 **Analyst:** PCW

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
TOC	15.9	mg/L	10.0	92.61	82.88-112.34	6.64	6.19	20.00

Quality Control Batch: 10226735 **Analyst:** PLB

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

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
TSS	84.0	mg/L	84.0	100.00	80.00-120.00

Quality Control Batch: 10226760 **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	0.213	ug/L	0.250	85.34	80.00-120.00
1,2-Dibromoethane (EDB)	0.275	ug/L	0.250	109.95	80.00-120.00
1,2-dibromo-3-chloropropane	0.249	ug/L	0.250	99.52	80.00-120.00

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
1,2,3-Trichloropropane	0.212	ug/L	0.250	84.72	80.00-120.00	0.0200U
1,2-Dibromoethane (EDB)	0.276	ug/L	0.250	110.30	80.00-120.00	0.0100U
1,2-dibromo-3-chloropropane	0.241	ug/L	0.250	96.37	80.00-120.00	0.0200U

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
1,2,3-Trichloropropane	0.210	ug/L	0.250	83.85	80.00-120.00	0.0200U	1.03	20.00
1,2-Dibromoethane (EDB)	0.235	ug/L	0.250	93.99	80.00-120.00	0.0100U	15.97	20.00

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 2, 2013; Invoice: 208255

Quality Control Batch: 10226760 **Analyst:** DLJ

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
1,2-dibromo-3-chloropropane	0.240	ug/L	0.250	95.88	80.00-120.00	0.0200U	0.50	20.00

Quality Control Batch: 10226771 **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
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

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 2, 2013; Invoice: 208255

Quality Control Batch: 10226771 **Analyst:** CLS

Blank	**Result**	**Units**
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	7.36	ug/L
Surr:Toluene-d8	8.63	ug/L
Surr:1,2-Dichloroethane-d4	10.7	ug/L

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Acetone	11.2	ug/L	10.0	111.50	37.64-172.70
Acrylonitrile	11.7	ug/L	10.0	116.50	39.47-149.46
Benzene	11.4	ug/L	10.0	113.70	75.24-125.65
Bromochloromethane	10.9	ug/L	10.0	109.20	71.67-126.15
Bromodichloromethane	10.3	ug/L	10.0	102.60	74.61-125.27

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 2, 2013; Invoice: 208255

Quality Control Batch: 10226771 **Analyst:** CLS

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Bromoform	9.07	ug/L	10.0	90.70	66.51-125.59
Bromomethane	12.5	ug/L	10.0	124.90	57.28-153.27
Carbon Disulfide	12.7	ug/L	10.0	127.00	81.01-141.09
Carbon Tetrachloride	10.3	ug/L	10.0	103.00	68.14-132.66
Chlorobenzene	10.9	ug/L	10.0	108.60	77.69-119.42
Chloroethane	11.7	ug/L	10.0	116.90	63.56-150.96
Chloroform	10.8	ug/L	10.0	108.40	67.64-138.63
Chloromethane	11.0	ug/L	10.0	109.70	55.12-156.31
cis-1,2-dichloroethene	9.84	ug/L	10.0	98.40	73.06-123.88
cis-1,3-Dichloropropene	9.15	ug/L	10.0	91.50	80.68-120.98
Dibromochloromethane	10.1	ug/L	10.0	100.50	65.65-126.41
Dibromomethane	10.9	ug/L	10.0	108.90	72.30-129.36
Ethylbenzene	10.4	ug/L	10.0	104.10	70.93-123.57
Methyl Iodide	10.9	ug/L	10.0	108.80	54.93-164.95
Methyl isobutyl ketone	9.07	ug/L	10.0	90.70	37.93-142.74
Methylene chloride	14.3	ug/L	10.0	143.30	16.86-166.48
o-dichlorobenzene	11.0	ug/L	10.0	109.90	52.90-132.47
Para-dichlorobenzene	11.2	ug/L	10.0	112.40	50.96-133.39
Styrene	10.1	ug/L	10.0	101.00	71.72-114.32
Tetrachloroethene	10.7	ug/L	10.0	106.60	80.48-158.29
Toluene	11.1	ug/L	10.0	111.10	77.18-121.98
trans-1,2-dichloroethene	11.1	ug/L	10.0	110.80	68.03-139.74
trans-1,3,-Dichloropropene	9.42	ug/L	10.0	94.20	69.60-126.28
Trichloroethene	10.5	ug/L	10.0	105.40	75.98-128.22
Trichlorofluoromethane	10.5	ug/L	10.0	104.80	44.32-160.41
Vinyl chloride	11.5	ug/L	10.0	114.60	62.38-148.09
Xylenes	30.6	ug/L	30.0	101.87	73.15-120.44
1,1,1,2-Tetrachloroethane	10.8	ug/L	10.0	107.70	65.75-129.14
1,1,1-Trichloroethane	10.9	ug/L	10.0	109.30	71.54-134.27

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 2, 2013; Invoice: 208255

Quality Control Batch: 10226771 **Analyst:** CLS

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
1,1,2,2-Tetrachloroethane	11.2	ug/L	10.0	112.10	70.58-134.42
1,1,2-Trichloroethane	10.9	ug/L	10.0	109.30	78.94-122.62
1,1-Dichloroethane	11.2	ug/L	10.0	111.50	64.33-137.81
1,1-Dichloroethene	11.0	ug/L	10.0	110.20	58.65-144.80
1,2-dichloroethane	11.2	ug/L	10.0	111.60	70.20-131.56
1,2-dichloropropane	10.7	ug/L	10.0	106.90	70.79-128.96
2-Butanone (MEK)	10.4	ug/L	10.0	104.10	58.73-168.19
2-Hexanone	8.23	ug/L	10.0	82.30	61.33-136.93
Surr:Bromofluorobenzene	9.81	ug/L	10.0	98.10	77.54-123.15
Surr:Toluene-d8	9.56	ug/L	10.0	95.60	80.00-120.00
Surr:1,2-Dichloroethane-d4	10.0	ug/L	10.0	100.10	85.08-128.29

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
Acetone	18.5	ug/L	20.0	92.45	40.10-159.52	5.00U
Acrylonitrile	22.9	ug/L	20.0	114.70	46.99-145.24	0.300U
Benzene	23.5	ug/L	20.0	117.55	61.27-139.58	0.500U
Bromochloromethane	22.5	ug/L	20.0	112.50	63.83-134.84	0.100U
Bromodichloromethane	21.6	ug/L	20.0	108.10	72.16-127.31	0.100U
Bromoform	21.4	ug/L	20.0	106.75	72.62-122.79	0.500U
Bromomethane	27.6	ug/L	20.0	138.05	39.13-160.98	0.500U
Carbon Tetrachloride	22.5	ug/L	20.0	112.55	62.14-139.48	0.500U
Chlorobenzene	22.2	ug/L	20.0	110.80	73.37-125.85	0.500U
Chloroethane	22.2	ug/L	20.0	111.20	63.53-147.18	0.500U
Chloroform	21.9	ug/L	20.0	109.30	57.73-145.87	0.500U
Chloromethane	22.1	ug/L	20.0	110.45	53.83-155.48	0.500U
cis-1,2-dichloroethene	22.4	ug/L	20.0	112.20	67.74-134.67	0.200U
cis-1,3-Dichloropropene	22.6	ug/L	20.0	113.05	72.35-130.46	0.500U
Dibromochloromethane	21.8	ug/L	20.0	109.00	69.54-125.33	0.400U
Dibromomethane	22.6	ug/L	20.0	112.90	68.14-132.53	0.500U

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 2, 2013; Invoice: 208255

Quality Control Batch: 10226771 **Analyst:** CLS

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
Ethylbenzene	23.1	ug/L	20.0	115.25	68.03-130.86	0.500U
Methyl Iodide	31.2	ug/L	20.0	156.10	44.68-170.45	1.00U
Methyl isobutyl ketone	23.6	ug/L	20.0	118.10	45.04-143.51	1.00U
Methylene chloride	21.4	ug/L	20.0	107.05	29.60-161.21	1.00U
o-dichlorobenzene	23.3	ug/L	20.0	116.45	66.77-127.02	0.500U
Para-dichlorobenzene	22.8	ug/L	20.0	113.75	65.38-125.99	0.500U
Styrene	22.3	ug/L	20.0	111.70	70.76-118.37	0.500U
Tetrachloroethene	22.0	ug/L	20.0	110.20	67.64-171.93	0.500U
Toluene	23.0	ug/L	20.0	114.80	65.14-135.51	0.500U
trans-1,2-dichloroethene	23.0	ug/L	20.0	115.20	68.02-136.55	0.500U
trans-1,3,-Dichloropropene	21.8	ug/L	20.0	109.15	70.04-129.81	0.500U
Trichloroethene	22.4	ug/L	20.0	112.00	71.89-132.31	0.500U
Trichlorofluoromethane	21.4	ug/L	20.0	107.15	44.48-169.12	0.500U
Vinyl chloride	22.8	ug/L	20.0	114.05	58.87-147.20	0.500U
Xylenes	66.7	ug/L	60.0	111.10	60.84-135.66	1.00U
1,1,1,2-Tetrachloroethane	21.8	ug/L	20.0	109.10	62.33-135.40	0.500U
1,1,1-Trichloroethane	22.8	ug/L	20.0	114.15	65.25-139.87	0.500U
1,1,2,2-Tetrachloroethane	23.1	ug/L	20.0	115.60	66.18-136.57	0.100U
1,1,2-Trichloroethane	21.7	ug/L	20.0	108.65	74.00-129.28	0.500U
1,1-Dichloroethane	22.3	ug/L	20.0	111.35	60.45-145.88	0.500U
1,1-Dichloroethene	24.3	ug/L	20.0	121.65	48.95-154.90	0.500U
1,2-dichloroethane	22.1	ug/L	20.0	110.50	63.54-140.44	0.500U
1,2-dichloropropane	22.5	ug/L	20.0	112.60	69.00-134.27	0.200U
2-Butanone (MEK)	21.2	ug/L	20.0	105.80	74.66-142.29	0.500U
2-Hexanone	21.1	ug/L	20.0	105.25	59.08-147.93	0.500U
Surr:Bromofluorobenzene	9.81	ug/L	10.0	98.10	50.75-155.35	
Surr:Toluene-d8	9.70	ug/L	10.0	97.00	90.53-109.14	
Surr:1,2-Dichloroethane-d4	10.1	ug/L	10.0	100.70	82.85-121.80	

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 2, 2013; Invoice: 208255

Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Acetone	23.6	ug/L	20.0	118.15	40.10-159.52	5.00U	24.41	38.61
Acrylonitrile	29.4	ug/L	20.0	146.75	46.99-145.24	0.300U	24.52	36.26
Benzene	27.5	ug/L	20.0	137.65	61.27-139.58	0.500U	15.75	25.12
Bromochloromethane	27.3	ug/L	20.0	136.40	63.83-134.84	0.100U	19.20	26.51
Bromodichloromethane	25.1	ug/L	20.0	125.40	72.16-127.31	0.100U	14.82	25.17
Bromoform	23.5	ug/L	20.0	117.50	72.62-122.79	0.500U	9.59	29.13
Bromomethane	33.4	ug/L	20.0	167.15	39.13-160.98	0.500U	19.07	28.42
Carbon Tetrachloride	26.0	ug/L	20.0	130.05	62.14-139.48	0.500U	14.43	27.85
Chlorobenzene	25.6	ug/L	20.0	128.00	73.37-125.85	0.500U	14.41	27.33
Chloroethane	26.7	ug/L	20.0	133.40	63.53-147.18	0.500U	18.15	35.69
Chloroform	25.8	ug/L	20.0	129.10	57.73-145.87	0.500U	16.61	28.80
Chloromethane	26.3	ug/L	20.0	131.60	53.83-155.48	0.500U	17.48	29.46
cis-1,2-dichloroethene	26.4	ug/L	20.0	132.05	67.74-134.67	0.200U	16.25	28.79
cis-1,3-Dichloropropene	26.5	ug/L	20.0	132.70	72.35-130.46	0.500U	15.99	25.83
Dibromochloromethane	24.8	ug/L	20.0	124.05	69.54-125.33	0.400U	12.92	28.11
Dibromomethane	26.0	ug/L	20.0	130.15	68.14-132.53	0.500U	14.19	23.67
Ethylbenzene	26.6	ug/L	20.0	132.95	68.03-130.86	0.500U	14.26	25.52
Methyl Iodide	36.7	ug/L	20.0	183.55	44.68-170.45	1.00U	16.16	27.56
Methyl isobutyl ketone	27.9	ug/L	20.0	139.35	45.04-143.51	1.00U	16.51	22.66
Methylene chloride	25.4	ug/L	20.0	126.95	29.60-161.21	1.00U	17.01	33.74
o-dichlorobenzene	25.9	ug/L	20.0	129.60	66.77-127.02	0.500U	10.69	28.62
Para-dichlorobenzene	25.4	ug/L	20.0	127.10	65.38-125.99	0.500U	11.09	27.08
Styrene	25.5	ug/L	20.0	127.55	70.76-118.37	0.500U	13.25	28.56
Tetrachloroethene	24.9	ug/L	20.0	124.70	67.64-171.93	0.500U	12.35	32.62
Toluene	26.3	ug/L	20.0	131.45	65.14-135.51	0.500U	13.52	23.01
trans-1,2-dichloroethene	26.9	ug/L	20.0	134.55	68.02-136.55	0.500U	15.50	29.38
trans-1,3,-Dichloropropene	25.2	ug/L	20.0	125.80	70.04-129.81	0.500U	14.17	30.36
Trichloroethene	26.7	ug/L	20.0	133.45	71.89-132.31	0.500U	17.48	25.29
Trichlorofluoromethane	25.7	ug/L	20.0	128.55	44.48-169.12	0.500U	18.16	34.97
Vinyl chloride	27.7	ug/L	20.0	138.25	58.87-147.20	0.500U	19.18	27.28

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 2, 2013; Invoice: 208255

Quality Control Batch: 10226771 **Analyst:** CLS

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
Xylenes	75.8	ug/L	60.0	126.28	60.84-135.66	1.00U	12.79	24.37
1,1,1,2-Tetrachloroethane	25.1	ug/L	20.0	125.65	62.33-135.40	0.500U	14.10	29.26
1,1,1-Trichloroethane	26.5	ug/L	20.0	132.70	65.25-139.87	0.500U	15.03	28.50
1,1,2,2-Tetrachloroethane	26.7	ug/L	20.0	133.60	66.18-136.57	0.100U	14.45	30.72
1,1,2-Trichloroethane	25.0	ug/L	20.0	124.75	74.00-129.28	0.500U	13.80	27.63
1,1-Dichloroethane	26.6	ug/L	20.0	132.85	60.45-145.88	0.500U	17.61	28.39
1,1-Dichloroethene	28.9	ug/L	20.0	144.55	48.95-154.90	0.500U	17.21	29.91
1,2-dichloroethane	25.9	ug/L	20.0	129.40	63.54-140.44	0.500U	15.76	26.67
1,2-dichloropropane	26.4	ug/L	20.0	132.15	69.00-134.27	0.200U	15.98	28.05
2-Butanone (MEK)	24.9	ug/L	20.0	124.55	74.66-142.29	0.500U	16.28	44.82
2-Hexanone	24.2	ug/L	20.0	121.05	59.08-147.93	0.500U	13.96	36.47
Surr:Bromofluorobenzene	10.0	ug/L	10.0	100.00	50.75-155.35		1.92	19.49
Surr:Toluene-d8	9.97	ug/L	10.0	99.70	90.53-109.14		2.75	8.07
Surr:1,2-Dichloroethane-d4	10.0	ug/L	10.0	100.20	82.85-121.80		0.50	9.34

Quality Control Batch: 10226970 **Analyst:** TRB

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

Quality Control Batch: 10226979 **Analyst:** PCW

Blank	**Result**	**Units**
Unionized NH3(as N)	0.000100U	mg/L

Quality Control Batch: 10227031 **Analyst:** CTH

Blank	**Result**	**Units**
Chemical Oxygen Demand	20.0U	mg/L

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 2, 2013; Invoice: 208255

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Chemical Oxygen Demand	119	mg/L	100	119.09	81.47-117.86

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
Chemical Oxygen Demand	459	mg/L	200	100.22	49.93-147.31	259

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
Chemical Oxygen Demand	461	mg/L	200	100.99	49.93-147.31	259	0.34	31.27

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 2, 2013; Invoice: 208255

Narrative Report

Sample Handling
Sample handling and holding time criteria were met for all samples. Samples collected by submitter. No unusual events occurred during analysis. Results are reported on a wet weight basis. There were over 200 colonies on the fecal coliform plate, so "TNTC" flag is applied.

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

Check Box That Applies To Your Location

- [x] **Flowers Chemical Laboratories, Inc.**
481 Newburyport Ave.
Altamonte Springs, FL 32701
Bus: 407-339-5984
Fax: 407-260-6110

- [ ] **Flowers Chemical Labs-South**
West Park Industrial Plaza
571 N.W. Mercantile Pl., Ste. 111
Port St. Lucie, FL 34986
Bus: 772-343-8006
Fax: 772-343-8089

- [ ] **Flowers Chemical Labs-North**
812 S.W. Harvey Greene Dr.
Madison, FL 32340
Bus: 850-973-6878
Fax: 850-973-6878

- [ ] **Flowers Chemical Labs-Keys**
3980 Overseas Highway, Ste. 103
Marathon, FL 33050
Bus: 305-743-8598
Fax: 305-743-8598

FLOWERS CHEMICAL LABORATORIES INCORPORATED

DOWNLOAD REPORTS, INVOICES AND CHAINS OF CUSTODY www.flowerslabs.com

Client: Atkins - Tampa Acct
Address:
Phone:
Sampled By (PRINT):
Sampler Signature: Date Sampled:

Project Name: Hardee Co. LF
Client Contact:
FCL Project Manager:
Requested Due Date / 10 Day Standard: OR
Pick-Up Fee: $ Vehicle Surcharge: $ Sampling Fee: $

P.O. #: 40612
FAX:
E-MAIL:
Rush Charges May Apply

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: Short HT Fecal	Use QuickList "Landfill Surface" See Kit Request	COMMENTS	Total # Containers
1	SW1/14642	6/21/13	11:22	SW	2082555W1									13
2														
3														
4														
5														
6														
7														
8													On Ice	
9													<6°C	
10														

Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Raymond Carter	6/21/13	11:22									

Jim Flamm 6/21/13 15:22

FINANCE CHARGES APPLIED TO PAST DUE INVOICES

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

Rev 04-08

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 3, 2013; Invoice: 208259

Report Summary

Date Received: Jun 21, 2013

FCL Project Manager: June S. Flowers

Laboratory #	Sample Description	Analysis	Chemist	Location	SampleMatrix
208259GW1	MANHOLE 9/21061	EPA350.1	PCW	Main Lab	Ground Water
		EPA353.2	PCW	Main Lab	
		EPA6010	EVB	Main Lab	
		EPA6020	EVB	Main Lab	
		EPA7470	EVB	Main Lab	
		EPA8011	DLJ	Main Lab	
		EPA8081	DLJ	Main Lab	
		EPA8082	DLJ	Main Lab	
		EPA8141	DLJ	Main Lab	
		EPA8151	DLJ	Main Lab	
		EPA8260	CLS	Main Lab	
		EPA8270	CLS	Main Lab	
		FT1100	RJC	Main Lab	
		FT1200	RJC	Main Lab	
		FT1400	RJC	Main Lab	
		FT1500	RJC	Main Lab	
		FT1600	RJC	Main Lab	
		SM2320 B	MAC	Main Lab	
		SM2540 C	PLB	Main Lab	
		SM4500-Cl E	MAC	Main Lab	
		SM4500-S F	TRB	Main Lab	
		SM4500CN-E	PCW	Main Lab	
		X8081	BRC	Main Lab	
		X8141	BRC	Main Lab	
		X8151	GIG	Main Lab	
		X8270	BRC	Main Lab	
		XPCB	BRC	Main Lab	
208259GW2	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

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 3, 2013; Invoice: 208259

Analysis Report

Lab #: 208259GW1 **Sampled:** 06/21/13 10:06 AM **Desc:** MANHOLE 9/21061

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Total Alkalinity CaCO3	203	mg/L	1.00	0.100	0.200	10189187	SM2320 B	T-005	07/03/13	
Chloride	71.9	mg/L	1.00	4.00	8.00	10197567	SM4500-Cl E	16887-00-6	06/25/13	
Nitrate(as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10226387	EPA353.2	14797-55-8	06/21/13	04:22 PM
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10226442	EPA6020	7440-36-0	06/24/13	
Arsenic	0.00359	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-38-2	06/24/13	
Barium	0.0292	mg/L	1.00	0.00200	0.00400	10226442	EPA6020	7440-39-3	06/24/13	
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10226442	EPA6020	7440-41-7	06/24/13	
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-43-9	06/24/13	
Chromium	0.00713	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-47-3	06/24/13	
Cobalt	0.00154 I	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-48-4	06/24/13	
Copper	0.00782	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-50-8	06/24/13	
Lead	0.00403	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7439-92-1	06/24/13	
Nickel	0.0100	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-02-0	06/24/13	
Selenium	0.00270 I	mg/L	1.00	0.00200	0.00400	10226442	EPA6020	7782-49-2	06/24/13	
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10226442	EPA6020	7440-22-4	06/24/13	
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-28-0	06/24/13	
Tin	0.00500 U	mg/L	1.00	0.00500	0.0100	10226442	EPA6020	7440-31-5	06/24/13	
Vanadium	0.0107	mg/L	1.00	0.00100	0.00200	10226442	EPA6020	7440-62-2	06/24/13	
Zinc	0.101	mg/L	1.00	0.0100	0.0200	10226442	EPA6020	7440-66-6	06/24/13	
Field pH (units)	6.25	pH	1.00	0.0100	0.0200	10226552	FT1100	C006	06/21/13	
Field Conductivity	668	umhos/cm	1.00	0.100	0.100	10226552	FT1200		06/21/13	
Field Temp. (C)	27.3	oC	1.00	0.100	0.100	10226552	FT1400		06/21/13	
Field DO	0.650	mg/L	1.00	0.100	0.100	10226552	FT1500		06/21/13	
Field Turbidity	69.0	NTU	1.00	0.100	0.100	10226552	FT1600		06/21/13	
Mercury	0.0000365 I	mg/L	1.00	0.0000200	0.0000400	10226574	EPA7470	7439-97-6	06/26/13	
Iron	17.0	mg/L	1.00	0.0100	0.0200	10226610	EPA6010	7439-89-6	06/25/13	
Sodium	74.1	mg/L	1.00	0.500	1.00	10226610	EPA6010	7440-23-5	06/25/13	

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 3, 2013; Invoice: 208259

Lab #: 208259GW1 **Sampled:** 06/21/13 10:06 AM **Desc:** MANHOLE 9/21061

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
2,4,5-T	0.250 U	ug/L	1.00	0.250	0.500	10226660	EPA8151	93-76-5	06/25/13
2,4,5-TP (Silvex)	0.250 U	ug/L	1.00	0.250	0.500	10226660	EPA8151	93-72-1	06/25/13
2,4-D	0.250 U	ug/L	1.00	0.250	0.500	10226660	EPA8151	94-75-7	06/25/13
Dinoseb	0.250 U	ug/L	1.00	0.250	0.500	10226660	EPA8151	88-85-7	06/25/13
Surr:DCAA (38-150%)	162.55%		1.00	0.0100	0.0100	10226660	EPA8151		06/25/13
Chlor_Herb_Extraction	40.0	mL	1.00			10226665	X8151		06/24/13
TDS	746	mg/L	1.00	2.50	5.00	10226711	SM2540 C	10-33-3	06/25/13
Acid Base Extraction	1000	mL	1.00			10226743	X8270		06/24/13
Phos_Pest_Extraction	1000	mL	1.00			10226746	X8141		06/24/13
Chlor_Pest_Extraction	1000	mL	1.00			10226747	X8081		06/25/13
PCB_Extraction	1000	mL	1.00			10226748	XPCB		06/25/13
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10226761	EPA8011	096-18-4	06/27/13
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10226761	EPA8011	106-93-4	06/27/13
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10226761	EPA8011	96-12-8	06/27/13
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	630-20-6	06/26/13
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	71-55-6	06/26/13
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10226783	EPA8260	79-34-5	06/26/13
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	79-00-5	06/26/13
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	75-34-3	06/26/13
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	75-35-4	06/26/13
1,1-Dichloropropene	0.200 U	ug/L	1.00	0.200	0.400	10226783	EPA8260	563-58-6	06/26/13
1,2,4-trichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	120-82-1	06/26/13
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.500	10226783	EPA8260	107-06-2	06/26/13
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10226783	EPA8260	78-87-5	06/26/13
1,3-Dichloropropane	0.300 U	ug/L	1.00	0.300	0.600	10226783	EPA8260	142-28-9	06/26/13
2,2-Dichloropropane	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	594-20-7	06/26/13
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	78-93-3	06/26/13
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	591-78-6	06/26/13
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10226783	EPA8260	67-64-1	06/26/13

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 3, 2013; Invoice: 208259

Lab #: 208259GW1 **Sampled:** 06/21/13 10:06 AM **Desc:** MANHOLE 9/21061

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Acetonitrile	1.00 U	ug/L	1.00	1.00	2.00	10226783	EPA8260	75-05-8	06/26/13
Acrolein	3.50 U	ug/L	1.00	3.50	7.00	10226783	EPA8260	107-02-8	06/26/13
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10226783	EPA8260	107-13-1	06/26/13
Allyl Chloride	1.00 U	ug/L	1.00	1.00	2.00	10226783	EPA8260	107-05-1	06/26/13
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	71-43-2	06/26/13
Bromochloromethane	0.100 U	ug/L	1.00	0.100	0.100	10226783	EPA8260	074-97-5	06/26/13
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10226783	EPA8260	75-27-4	06/26/13
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	75-25-2	06/26/13
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	74-83-9	06/26/13
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10226783	EPA8260	75-15-0	06/26/13
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	56-23-5	06/26/13
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	108-90-7	06/26/13
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	75-00-3	06/26/13
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	67-66-3	06/26/13
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	74-87-3	06/26/13
Chloroprene	5.00 U	ug/L	1.00	5.00	10.0	10226783	EPA8260	126-99-8	06/26/13
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10226783	EPA8260	124-48-1	06/26/13
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	074-95-3	06/26/13
Dichlorodifluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	75-71-8	06/26/13
Ethyl methacrylate	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	97-63-2	06/26/13
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	100-41-4	06/26/13
Iso-butyl Alcohol	1.00 U	ug/L	1.00	1.00	2.00	10226783	EPA8260	78-83-1	06/26/13
Methacrylonitrile	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	126-98-7	06/26/13
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10226783	EPA8260	074-88-4	06/26/13
Methyl Methacrylate	2.00 U	ug/L	1.00	2.00	4.00	10226783	EPA8260	80-62-6	06/26/13
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10226783	EPA8260	108-10-1	06/26/13
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10226783	EPA8260	75-09-2	06/26/13
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	106-46-7	06/26/13
Propionitrile	1.00 U	ug/L	1.00	1.00	2.00	10226783	EPA8260	107-12-0	06/26/13

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 3, 2013; Invoice: 208259

Lab #: 208259GW1 **Sampled:** 06/21/13 10:06 AM **Desc:** MANHOLE 9/21061

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	100-42-5	06/26/13
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	127-18-4	06/26/13
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	108-88-3	06/26/13
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	79-01-6	06/26/13
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	75-69-4	06/26/13
Vinyl Acetate	5.00 U	ug/L	1.00	5.00	10.0	10226783	EPA8260	108-05-4	06/26/13
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	75-01-4	06/26/13
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10226783	EPA8260	1330-20-7	06/26/13
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10226783	EPA8260	156-59-2	06/26/13
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	10061-01-5	06/26/13
m-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	541-73-1	06/26/13
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	95-50-1	06/26/13
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	156-60-5	06/26/13
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	10061-02-6	06/26/13
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10226783	EPA8260	110-57-6	06/26/13
Surr:1,2-Dichloroethane-d4 (77-129%)	114.00%		1.00	0.0100	0.0100	10226783	EPA8260		06/26/13
Surr:Bromofluorobenzene (77-122%)	70.00%		1.00	1.00	1.00	10226783	EPA8260	460-00-4	06/26/13
Surr:Toluene-d8 (80-120%)	96.30%		1.00	0.0100	0.0100	10226783	EPA8260		06/26/13
4,4'-DDD	0.0200 U	ug/L	1.00	0.0200	0.0400	10226837	EPA8081	72-54-8	06/28/13
4,4'-DDE	0.0200 U	ug/L	1.00	0.0200	0.0400	10226837	EPA8081	72-55-9	06/28/13
4,4'-DDT	0.0200 U	ug/L	1.00	0.0200	0.0400	10226837	EPA8081	50-29-3	06/28/13
Aldrin	0.0200 U	ug/L	1.00	0.0200	0.0200	10226837	EPA8081	309-00-2	06/28/13
Chlordane	0.0100 U	ug/L	1.00	0.0100	0.0200	10226837	EPA8081	57-74-9	06/28/13
Dieldrin	0.0200 U	ug/L	1.00	0.0200	0.0400	10226837	EPA8081	60-57-1	06/28/13
Endosulfan_I	0.0100 U	ug/L	1.00	0.0100	0.0200	10226837	EPA8081	959-98-8	06/28/13
Endosulfan_II	0.0100 U	ug/L	1.00	0.0100	0.0200	10226837	EPA8081	33213-65-9	06/28/13
Endosulfan_sulfate	0.0200 U	ug/L	1.00	0.0200	0.0400	10226837	EPA8081	1031-07-8	06/28/13
Endrin	0.0100 U	ug/L	1.00	0.0100	0.0200	10226837	EPA8081	72-20-8	06/28/13
Endrin_Aldehyde	0.0200 U	ug/L	1.00	0.0200	0.0400	10226837	EPA8081	7421-93-4	06/28/13

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 3, 2013; Invoice: 208259

Lab #: 208259GW1 **Sampled:** 06/21/13 10:06 AM **Desc:** MANHOLE 9/21061

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Heptachlor	0.0100 U	ug/L	1.00	0.0100	0.0200	10226837	EPA8081	76-44-8	06/28/13
Heptachlor epoxide	0.0100 U	ug/L	1.00	0.0100	0.0200	10226837	EPA8081	1024-57-3	06/28/13
Lindane (g-BHC)	0.0100 U	ug/L	1.00	0.0100	0.0200	10226837	EPA8081	58-89-9	06/28/13
Methoxychlor	0.0100 U	ug/L	1.00	0.0100	0.0200	10226837	EPA8081	72-43-5	06/28/13
Toxaphene	0.500 U	ug/L	1.00	0.500	1.00	10226837	EPA8081	8001-35-2	06/28/13
a-BHC	0.0200 U	ug/L	1.00	0.0200	0.0200	10226837	EPA8081	319-84-6	06/28/13
b-BHC	0.0100 U	ug/L	1.00	0.0100	0.0200	10226837	EPA8081	319-85-7	06/28/13
d-BHC	0.0100 U	ug/L	1.00	0.0100	0.0200	10226837	EPA8081	319-86-8	06/28/13
Surr:Decachlorobiphenyl (26-128%)	57.65%		1.00	0.000100	0.000200	10226837	EPA8081		06/28/13
Surr:2-Fluorophenol (7-118%)	42.60%		5.00	0.0500	0.0500	10226857	EPA8270		06/28/13
1,2,4,5-Tetrachlorobenzene	10.0 U	ug/L	5.00	10.0	20.0	10226858	EPA8270	95-94-3	06/28/13
1,4-Naphthoquinone	50.0 U	ug/L	5.00	50.0	100	10226858	EPA8270	130-15-4	06/28/13
1-Napthalamine	50.0 U	ug/L	5.00	50.0	100	10226858	EPA8270	134-32-7	06/28/13
2,3,4,6-Tetrachlorophenol	10.0 U	ug/L	5.00	10.0	20.0	10226858	EPA8270	58-90-2	06/28/13
2,4,5-Trichlorophenol	5.00 U	ug/L	5.00	5.00	20.0	10226858	EPA8270	95-95-4	06/28/13
2,4,6-Trichlorophenol	10.0 U	ug/L	5.00	10.0	20.0	10226858	EPA8270	88-06-2	06/28/13
2,4-Dichlorophenol	5.00 U	ug/L	5.00	5.00	20.0	10226858	EPA8270	120-83-2	06/28/13
2,4-Dimethylphenol	10.0 U	ug/L	5.00	10.0	20.0	10226858	EPA8270	105-67-9	06/28/13
2,4-Dinitrophenol	25.0 U	ug/L	5.00	25.0	50.0	10226858	EPA8270	51-28-5	06/28/13
2,4-Dinitrotoluene	1.00 U	ug/L	5.00	1.00	1.00	10226858	EPA8270	121-14-2	06/28/13
2,6-Dichlorophenol	5.00 U	ug/L	5.00	5.00	20.0	10226858	EPA8270	87-65-0	06/28/13
2,6-Dinitrotoluene	10.0 U	ug/L	5.00	10.0	20.0	10226858	EPA8270	606-20-2	06/28/13
2-Acetylaminofluorene	50.0 U	ug/L	5.00	50.0	100	10226858	EPA8270	53-96-3	06/28/13
2-Chloronapthalene	10.0 U	ug/L	5.00	10.0	20.0	10226858	EPA8270	91-58-7	06/28/13
2-Naphthylamine	10.0 U	ug/L	5.00	10.0	20.0	10226858	EPA8270	91-59-8	06/28/13
2-Nitrophenol	10.0 U	ug/L	5.00	10.0	20.0	10226858	EPA8270	88-75-5	06/28/13
2-chlorophenol	10.0 U	ug/L	5.00	10.0	20.0	10226858	EPA8270	95-57-8	06/28/13
2-methyl-4,6-dinitrophenol	10.0 U	ug/L	5.00	10.0	20.0	10226858	EPA8270	534-52-1	06/28/13
2-methyl-Naphthalene	10.0 U	ug/L	5.00	10.0	20.0	10226858	EPA8270	91-57-6	06/28/13

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 3, 2013; Invoice: 208259

Lab #: 208259GW1 **Sampled:** 06/21/13 10:06 AM **Desc:** MANHOLE 9/21061

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
3,3'-Dichlorobenzidene	10.0 U	ug/L	5.00	10.0	20.0	10226858	EPA8270	91-94-1	06/28/13
3,3'-Dimethylbenzidine	10.0 U	ug/L	5.00	10.0	20.0	10226858	EPA8270	119-93-7	06/28/13
3-Methylcholanthrene	50.0 U	ug/L	5.00	50.0	100	10226858	EPA8270	56-49-5	06/28/13
4-Aminobiphenyl	50.0 U	ug/L	5.00	50.0	100	10226858	EPA8270	92-67-1	06/28/13
4-Bromophenylphenyl ether	10.0 U	ug/L	5.00	10.0	20.0	10226858	EPA8270	101-55-3	06/28/13
4-Chlorophenylphenyl ether	10.0 U	ug/L	5.00	10.0	20.0	10226858	EPA8270	7005-72-3	06/28/13
4-Nitrophenol	10.0 U	ug/L	5.00	10.0	20.0	10226858	EPA8270	100-02-7	06/28/13
5-Nitro-o-toluidine	10.0 U	ug/L	5.00	10.0	20.0	10226858	EPA8270	99-55-8	06/28/13
7,12-Dimethylbenz(a)anthracene	50.0 U	ug/L	5.00	50.0	100	10226858	EPA8270	57-97-6	06/28/13
Acenaphthene	10.0 U	ug/L	5.00	10.0	20.0	10226858	EPA8270	83-32-9	06/28/13
Acenaphthylene	10.0 U	ug/L	5.00	10.0	20.0	10226858	EPA8270	208-96-8	06/28/13
Acetophenone	50.0 U	ug/L	5.00	50.0	100	10226858	EPA8270	98-86-2	06/28/13
Anthracene	10.0 U	ug/L	5.00	10.0	20.0	10226858	EPA8270	120-12-7	06/28/13
Benzo(a)anthracene	1.00 U	ug/L	5.00	1.00	2.00	10226858	EPA8270	56-55-3	06/28/13
Benzo(a)pyrene	5.00 U	ug/L	5.00	5.00	20.0	10226858	EPA8270	50-32-8	06/28/13
Benzo(b)fluoranthene	0.500 U	ug/L	5.00	0.500	0.500	10226858	EPA8270	205-99-2	06/28/13
Benzo(g,h,i)perylene	10.0 U	ug/L	5.00	10.0	20.0	10226858	EPA8270	191-24-2	06/28/13
Benzo(k)fluoranthene	5.00 U	ug/L	5.00	5.00	20.0	10226858	EPA8270	207-08-9	06/28/13
Benzyl alcohol	25.0 U	ug/L	5.00	25.0	50.0	10226858	EPA8270	100-51-6	06/28/13
Bis(2-chloroethoxy)methane	10.0 U	ug/L	5.00	10.0	20.0	10226858	EPA8270	111-91-1	06/28/13
Bis(2-chloroethyl)ether	10.0 U	ug/L	5.00	10.0	20.0	10226858	EPA8270	111-44-4	06/28/13
Bis(2-ethylhexyl)phthalate	21.5 I	ug/L	5.00	15.0	30.0	10226858	EPA8270	117-81-7	06/28/13
Butyl benzyl phthalate	15.0 U	ug/L	5.00	15.0	30.0	10226858	EPA8270	85-68-7	06/28/13
Chlorobenzilate	4.00 U	ug/L	5.00	4.00	8.00	10226858	EPA8270	510-15-6	06/28/13
Chrysene	10.0 U	ug/L	5.00	10.0	20.0	10226858	EPA8270	218-01-9	06/28/13
Di-n-butylphthalate	15.0 U	ug/L	5.00	15.0	30.0	10226858	EPA8270	84-74-2	06/28/13
Di-n-octylphthalate	15.0 U	ug/L	5.00	15.0	30.0	10226858	EPA8270	117-84-0	06/28/13
Diallate	10.0 U	ug/L	5.00	10.0	20.0	10226858	EPA8270	2303-16-4	06/28/13
Dibenz(a,h)anthracene	1.00 U	ug/L	5.00	1.00	1.00	10226858	EPA8270	53-70-3	06/28/13

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 3, 2013; Invoice: 208259

Lab #: 208259GW1 **Sampled:** 06/21/13 10:06 AM **Desc:** MANHOLE 9/21061

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Dibenzofuran	25.0 U	ug/L	5.00	25.0	50.0	10226858	EPA8270	132-64-9	06/28/13
Diethylphthalate	15.0 U	ug/L	5.00	15.0	30.0	10226858	EPA8270	84-66-2	06/28/13
Dimethoate	10.0 U	ug/L	5.00	10.0	20.0	10226858	EPA8270	60-51-5	06/28/13
Dimethylphthalate	15.0 U	ug/L	5.00	15.0	30.0	10226858	EPA8270	131-11-3	06/28/13
Diphenylamine	50.0 U	ug/L	5.00	50.0	100	10226858	EPA8270	122-39-4	06/28/13
Ethyl methanesulfonate	100 U	ug/L	5.00	100	200	10226858	EPA8270	62-50-0	06/28/13
Famphur	10.0 U	ug/L	5.00	10.0	20.0	10226858	EPA8270	52-85-7	06/28/13
Fluoranthene	10.0 U	ug/L	5.00	10.0	20.0	10226858	EPA8270	206-44-0	06/28/13
Fluorene	10.0 U	ug/L	5.00	10.0	20.0	10226858	EPA8270	86-73-7	06/28/13
Hexachlorobenzene	5.00 U	ug/L	5.00	5.00	20.0	10226858	EPA8270	118-74-1	06/28/13
Hexachlorobutadiene	10.0 U	ug/L	5.00	10.0	20.0	10226858	EPA8270	87-68-3	06/28/13
Hexachlorocyclopentadiene	10.0 U	ug/L	5.00	10.0	20.0	10226858	EPA8270	77-47-4	06/28/13
Hexachloroethane	10.0 U	ug/L	5.00	10.0	20.0	10226858	EPA8270	67-72-1	06/28/13
Hexachloropropene	50.0 U	ug/L	5.00	50.0	100	10226858	EPA8270	1888-71-7	06/28/13
Indeno(1,2,3-cd)pyrene	1.00 U	ug/L	5.00	1.00	1.00	10226858	EPA8270	193-39-5	06/28/13
Isodrin	100 U	ug/L	5.00	100	200	10226858	EPA8270	465-73-6	06/28/13
Isophorone	10.0 U	ug/L	5.00	10.0	20.0	10226858	EPA8270	78-59-1	06/28/13
Isosafrole	50.0 U	ug/L	5.00	50.0	100	10226858	EPA8270	120-58-1	06/28/13
Kepone	10.0 U	ug/L	5.00	10.0	20.0	10226858	EPA8270	143-50-0	06/28/13
Methapyrilene	100 U	ug/L	5.00	100	200	10226858	EPA8270	91-80-5	06/28/13
Methyl methanesulfonate	50.0 U	ug/L	5.00	50.0	100	10226858	EPA8270	66-27-3	06/28/13
N-Nitroso di-n-butylamine	10.0 U	ug/L	5.00	10.0	20.0	10226858	EPA8270	924-16-3	06/28/13
N-Nitrosodi-n-propylamine	10.0 U	ug/L	5.00	10.0	20.0	10226858	EPA8270	621-64-7	06/28/13
N-Nitrosodiethylamine	15.0 U	ug/L	5.00	15.0	60.0	10226858	EPA8270	55-18-5	06/28/13
N-Nitrosodimethylamine	15.0 U	ug/L	5.00	15.0	60.0	10226858	EPA8270	62-75-9	06/28/13
N-Nitrosodiphenylamine	10.0 U	ug/L	5.00	10.0	20.0	10226858	EPA8270	86-30-6	06/28/13
N-Nitrosomethylethylamine	10.0 U	ug/L	5.00	10.0	20.0	10226858	EPA8270	10595-95-6	06/28/13
N-Nitrosopiperidine	50.0 U	ug/L	5.00	50.0	100	10226858	EPA8270	100-75-4	06/28/13
N-Nitrosopyrrolidine	10.0 U	ug/L	5.00	10.0	20.0	10226858	EPA8270	930-55-2	06/28/13

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 3, 2013; Invoice: 208259

Lab #: 208259GW1 **Sampled:** 06/21/13 10:06 AM **Desc:** MANHOLE 9/21061

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Naphthalene	10.0 U	ug/L	5.00	10.0	20.0	10226858	EPA8270	91-20-3	06/28/13
Nitrobenzene	10.0 U	ug/L	5.00	10.0	20.0	10226858	EPA8270	98-95-3	06/28/13
O,O,O-Triethylphosphorothioate	50.0 U	ug/L	5.00	50.0	100	10226858	EPA8270	126-68-1	06/28/13
O,O-diethyl-0,2-pyrazinylphosphorothioate	50.0 U	ug/L	5.00	50.0	100	10226858	EPA8270	297-97-2	06/28/13
Pentachlorobenzene	1.50 U	ug/L	5.00	1.50	3.00	10226858	EPA8270	608-93-5	06/28/13
Pentachloronitrobenzene	1.50 U	ug/L	5.00	1.50	3.00	10226858	EPA8270	82-68-8	06/28/13
Pentachlorophenol	2.00 U	ug/L	5.00	2.00	4.00	10226858	EPA8270	87-86-5	06/28/13
Phenacetin	100 U	ug/L	5.00	100	200	10226858	EPA8270	62-44-2	06/28/13
Phenanthrene	10.0 U	ug/L	5.00	10.0	20.0	10226858	EPA8270	85-01-8	06/28/13
Phenol	10.0 U	ug/L	5.00	10.0	20.0	10226858	EPA8270	108-95-2	06/28/13
Pronamide	50.0 U	ug/L	5.00	50.0	100	10226858	EPA8270	23950-58-5	06/28/13
Pyrene	10.0 U	ug/L	5.00	10.0	20.0	10226858	EPA8270	129-00-0	06/28/13
Saffrole	50.0 U	ug/L	5.00	50.0	100	10226858	EPA8270	94-59-7	06/28/13
Trinitrobenzene	50.0 U	ug/L	5.00	50.0	100	10226858	EPA8270	99-35-4	06/28/13
m-Cresol	50.0 U	ug/L	5.00	50.0	100	10226858	EPA8270	108-39-4	06/28/13
m-Dinitrobenzene	10.0 U	ug/L	5.00	10.0	20.0	10226858	EPA8270	99-65-0	06/28/13
m-nitroaniline	10.0 U	ug/L	5.00	10.0	20.0	10226858	EPA8270	99-09-2	06/28/13
o-Cresol	10.0 U	ug/L	5.00	10.0	20.0	10226858	EPA8270	95-48-7	06/28/13
o-Toluidine	10.0 U	ug/L	5.00	10.0	20.0	10226858	EPA8270	95-53-4	06/28/13
o-nitroaniline	50.0 U	ug/L	5.00	50.0	100	10226858	EPA8270	88-74-4	06/28/13
p-(Dimethylamino)azobenzene	50.0 U	ug/L	5.00	50.0	100	10226858	EPA8270	60-11-7	06/28/13
p-Chloro-m-Cresol	10.0 U	ug/L	5.00	10.0	20.0	10226858	EPA8270	59-50-7	06/28/13
p-Chloroaniline	50.0 U	ug/L	5.00	50.0	100	10226858	EPA8270	106-47-8	06/28/13
p-Cresol	10.0 U	ug/L	5.00	10.0	20.0	10226858	EPA8270	106-44-5	06/28/13
p-Phenylenediamine	50.0 U	ug/L	5.00	50.0	100	10226858	EPA8270	106-50-3	06/28/13
p-nitroaniline	10.0 U	ug/L	5.00	10.0	20.0	10226858	EPA8270	100-01-6	06/28/13
Surr:2,4,6-Tribromophenol (20-122%)	99.98%		5.00	5.00	5.00	10226858	EPA8270	118-79-6	06/28/13
Surr:2-Fluorobiphenyl (18-110%)	69.30%		5.00	5.00	5.00	10226858	EPA8270	321-60-8	06/28/13
Surr:Nitrobenzene-d5 (5-135%)	77.14%		5.00	0.0500	0.0500	10226858	EPA8270		06/28/13

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 3, 2013; Invoice: 208259

Lab #: 208259GW1 **Sampled:** 06/21/13 10:06 AM **Desc:** MANHOLE 9/21061

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Surr:Phenol-d5 (3-127%)	27.22%		5.00	5.00	5.00	10226858	EPA8270		06/28/13
Surr:Terphenyl-d14 (37-143%)	59.28%		5.00	5.00	5.00	10226858	EPA8270		06/28/13
Cyanide	0.00500 U	mg/L	1.00	0.00500	0.0100	10226968	SM4500CN-E	57-12-5	07/01/13
Ammonia (as N)	10.5	mg/L	10.0	0.100	0.200	10226978	EPA350.1	7664-41-7	07/01/13
Arochlor 1016	0.100 U	ug/L	1.00	0.100	0.200	10226997	EPA8082	12674-11-2	06/28/13
Arochlor 1221	0.100 U	ug/L	1.00	0.100	0.200	10226997	EPA8082	11104-28-2	06/28/13
Arochlor 1232	0.100 U	ug/L	1.00	0.100	0.200	10226997	EPA8082	11141-16-5	06/28/13
Arochlor 1242	0.100 U	ug/L	1.00	0.100	0.200	10226997	EPA8082	53469-21-9	06/28/13
Arochlor 1248	0.100 U	ug/L	1.00	0.100	0.200	10226997	EPA8082	12672-29-6	06/28/13
Arochlor 1254	0.100 U	ug/L	1.00	0.100	0.200	10226997	EPA8082	11097-69-1	06/28/13
Arochlor 1260	0.100 U	ug/L	1.00	0.100	0.200	10226997	EPA8082	11096-82-5	06/28/13
Disulfoton	0.300 U	ug/L	1.00	0.300	2.00	10227016	EPA8141	298-04-4	07/01/13
Ethyl Parathion	0.500 U	ug/L	1.00	0.500	1.00	10227016	EPA8141	56382	07/01/13
Methyl Parathion	0.500 U	ug/L	1.00	0.500	1.00	10227016	EPA8141	298-00-0	07/01/13
Phorate	1.00 U	ug/L	1.00	1.00	2.00	10227016	EPA8141	298-02-2	07/01/13
Surr:Cl-NBTF (69-129%)	55.47%		1.00	1.00	2.00	10227016	EPA8141		07/01/13
Total Sulfide	1.44	mg/L	1.00	0.100	0.200	10227032	SM4500-S F	18496-25-8	06/26/13

Lab #: 208259GW2 **Sampled:** 06/21/13 10:06 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	10226783	EPA8260	630-20-6	06/26/13
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	71-55-6	06/26/13
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10226783	EPA8260	79-34-5	06/26/13
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	79-00-5	06/26/13
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	75-34-3	06/26/13
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	75-35-4	06/26/13
1,1-Dichloropropene	0.200 U	ug/L	1.00	0.200	0.400	10226783	EPA8260	563-58-6	06/26/13
1,2,4-trichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	120-82-1	06/26/13
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	0.500	10226783	EPA8260	107-06-2	06/26/13

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 3, 2013; Invoice: 208259

Lab #: 208259GW2 **Sampled:** 06/21/13 10:06 AM **Desc:** Trip Blank

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	10226783	EPA8260	78-87-5	06/26/13
1,3-Dichloropropane	0.300 U	ug/L	1.00	0.300	0.600	10226783	EPA8260	142-28-9	06/26/13
2,2-Dichloropropane	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	594-20-7	06/26/13
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	78-93-3	06/26/13
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	591-78-6	06/26/13
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10226783	EPA8260	67-64-1	06/26/13
Acetonitrile	1.00 U	ug/L	1.00	1.00	2.00	10226783	EPA8260	75-05-8	06/26/13
Acrolein	3.50 U	ug/L	1.00	3.50	7.00	10226783	EPA8260	107-02-8	06/26/13
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10226783	EPA8260	107-13-1	06/26/13
Allyl Chloride	1.00 U	ug/L	1.00	1.00	2.00	10226783	EPA8260	107-05-1	06/26/13
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	71-43-2	06/26/13
Bromochloromethane	0.100 U	ug/L	1.00	0.100	0.100	10226783	EPA8260	074-97-5	06/26/13
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10226783	EPA8260	75-27-4	06/26/13
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	75-25-2	06/26/13
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	74-83-9	06/26/13
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10226783	EPA8260	75-15-0	06/26/13
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	56-23-5	06/26/13
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	108-90-7	06/26/13
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	75-00-3	06/26/13
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	67-66-3	06/26/13
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	74-87-3	06/26/13
Chloroprene	5.00 U	ug/L	1.00	5.00	10.0	10226783	EPA8260	126-99-8	06/26/13
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10226783	EPA8260	124-48-1	06/26/13
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	074-95-3	06/26/13
Dichlorodifluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	75-71-8	06/26/13
Ethyl methacrylate	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	97-63-2	06/26/13
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	100-41-4	06/26/13
Iso-butyl Alcohol	1.00 U	ug/L	1.00	1.00	2.00	10226783	EPA8260	78-83-1	06/26/13
Methacrylonitrile	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	126-98-7	06/26/13

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 3, 2013; Invoice: 208259

Lab #: 208259GW2 **Sampled:** 06/21/13 10:06 AM **Desc:** Trip Blank

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10226783	EPA8260	074-88-4	06/26/13
Methyl Methacrylate	2.00 U	ug/L	1.00	2.00	4.00	10226783	EPA8260	80-62-6	06/26/13
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10226783	EPA8260	108-10-1	06/26/13
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10226783	EPA8260	75-09-2	06/26/13
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	106-46-7	06/26/13
Propionitrile	1.00 U	ug/L	1.00	1.00	2.00	10226783	EPA8260	107-12-0	06/26/13
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	100-42-5	06/26/13
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	127-18-4	06/26/13
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	108-88-3	06/26/13
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	79-01-6	06/26/13
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	75-69-4	06/26/13
Vinyl Acetate	5.00 U	ug/L	1.00	5.00	10.0	10226783	EPA8260	108-05-4	06/26/13
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	75-01-4	06/26/13
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10226783	EPA8260	1330-20-7	06/26/13
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10226783	EPA8260	156-59-2	06/26/13
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	10061-01-5	06/26/13
m-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	541-73-1	06/26/13
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	95-50-1	06/26/13
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	156-60-5	06/26/13
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10226783	EPA8260	10061-02-6	06/26/13
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10226783	EPA8260	110-57-6	06/26/13
Surr:1,2-Dichloroethane-d4 (77-129%)	117.60%		1.00	0.0100	0.0100	10226783	EPA8260		06/26/13
Surr:Bromofluorobenzene (77-122%)	77.10%		1.00	1.00	1.00	10226783	EPA8260	460-00-4	06/26/13
Surr:Toluene-d8 (80-120%)	95.80%		1.00	0.0100	0.0100	10226783	EPA8260		06/26/13

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 3, 2013; Invoice: 208259

Quality Report

Quality Control Batch: 10189187 **Analyst:** MAC

Blank	**Result**	**Units**
Total Alkalinity CaCO3	0.830	mg/L

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Total Alkalinity CaCO3	103	mg/L	100	103.35	80.00-120.00

Quality Control Batch: 10197567 **Analyst:** MAC

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

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Chloride	49.9	mg/L	50.0	99.82	80.00-120.00

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
Chloride	51.0	mg/L	50.0	94.38	80.00-120.00	3.80

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
Chloride	51.0	mg/L	50.0	94.34	80.00-120.00	3.80	0.04	20.00

Quality Control Batch: 10226387 **Analyst:** PCW

Blank	**Result**	**Units**
Nitrate(as N)	0.0103	mg/L

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Nitrate(as N)	2.07	mg/L	2.00	103.50	80.00-120.00

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

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 3, 2013; Invoice: 208259

Quality Control Batch: 10226387 **Analyst:** PCW

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
Nitrate(as N)	3.99	mg/L	4.00	99.60	80.00-120.00	0.00587

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
Nitrate(as N)	3.89	mg/L	4.00	97.10	80.00-120.00	0.00587	2.54	20.00

Quality Control Batch: 10226442 **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
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	0.225	mg/L	0.200	112.27	78.21-121.23
Arsenic	0.221	mg/L	0.200	110.39	77.97-118.12
Barium	0.209	mg/L	0.200	104.51	87.71-124.03
Beryllium	0.205	mg/L	0.200	102.61	86.54-129.99

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 3, 2013; Invoice: 208259

Quality Control Batch: 10226442 **Analyst:** EVB

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Cadmium	0.203	mg/L	0.200	101.44	80.28-119.66
Chromium	0.220	mg/L	0.200	110.05	79.68-122.67
Cobalt	0.209	mg/L	0.200	104.55	75.47-125.43
Copper	0.221	mg/L	0.200	110.39	75.93-125.03
Lead	0.208	mg/L	0.200	103.75	84.18-120.50
Nickel	0.211	mg/L	0.200	105.66	77.04-123.91
Selenium	0.218	mg/L	0.200	109.13	73.74-123.68
Silver	0.221	mg/L	0.200	110.69	78.31-122.44
Thallium	0.210	mg/L	0.200	104.82	82.56-123.13
Tin	0.217	mg/L	0.200	108.57	80.00-120.00
Vanadium	0.222	mg/L	0.200	110.97	75.43-127.05
Zinc	0.217	mg/L	0.200	108.28	75.55-123.30

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
Antimony	0.211	mg/L	0.200	104.42	72.18-142.01	0.00254
Arsenic	0.206	mg/L	0.200	102.36	76.02-142.56	0.00139
Barium	0.280	mg/L	0.200	120.47	67.36-158.64	0.0389
Beryllium	0.218	mg/L	0.200	108.77	91.18-152.89	0.000500U
Cadmium	0.205	mg/L	0.200	102.25	77.92-136.42	0.00100U
Chromium	0.199	mg/L	0.200	97.78	72.27-142.06	0.00380
Cobalt	0.185	mg/L	0.200	92.44	69.22-139.08	0.00100U
Copper	0.189	mg/L	0.200	94.48	49.37-149.77	0.00100U
Lead	0.195	mg/L	0.200	97.32	65.56-145.73	0.00100U
Nickel	0.186	mg/L	0.200	91.84	65.47-134.19	0.00270
Selenium	0.195	mg/L	0.200	97.74	57.06-150.58	0.00200U
Silver	0.186	mg/L	0.200	92.53	49.80-146.63	0.000640
Thallium	0.227	mg/L	0.200	113.53	62.20-153.09	0.00100U
Tin	0.239	mg/L	0.200	119.30	80.00-120.00	0.00500U
Vanadium	0.199	mg/L	0.200	99.51	71.20-143.90	0.00100U

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 3, 2013; Invoice: 208259

Quality Control Batch: 10226442 **Analyst:** EVB

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
Zinc	0.261	mg/L	0.200	130.41	40.77-155.82	0.0100U

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
Antimony	0.212	mg/L	0.200	104.69	72.18-142.01	0.00254	0.26	26.68
Arsenic	0.209	mg/L	0.200	103.59	76.02-142.56	0.00139	1.18	22.42
Barium	0.280	mg/L	0.200	120.58	67.36-158.64	0.0389	0.08	35.38
Beryllium	0.220	mg/L	0.200	110.13	91.18-152.89	0.000500U	1.24	24.78
Cadmium	0.209	mg/L	0.200	104.68	77.92-136.42	0.00100U	2.34	21.10
Chromium	0.201	mg/L	0.200	98.72	72.27-142.06	0.00380	0.94	21.22
Cobalt	0.187	mg/L	0.200	93.54	69.22-139.08	0.00100U	1.18	28.10
Copper	0.186	mg/L	0.200	92.78	49.37-149.77	0.00100U	1.82	28.99
Lead	0.201	mg/L	0.200	100.42	65.56-145.73	0.00100U	3.14	26.53
Nickel	0.188	mg/L	0.200	92.51	65.47-134.19	0.00270	0.72	30.10
Selenium	0.200	mg/L	0.200	100.02	57.06-150.58	0.00200U	2.31	25.49
Silver	0.186	mg/L	0.200	92.69	49.80-146.63	0.000640	0.18	37.01
Thallium	0.233	mg/L	0.200	116.52	62.20-153.09	0.00100U	2.60	24.80
Tin	0.235	mg/L	0.200	117.69	80.00-120.00	0.00500U	1.35	20.00
Vanadium	0.204	mg/L	0.200	101.93	71.20-143.90	0.00100U	2.41	28.47
Zinc	0.262	mg/L	0.200	131.08	40.77-155.82	0.0100U	0.51	28.40

Quality Control Batch: 10226574 **Analyst:** EVB

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

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Mercury	0.00104	mg/L	0.00100	103.70	90.27-115.31

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

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 3, 2013; Invoice: 208259

Quality Control Batch: 10226574 **Analyst:** EVB

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**		
Mercury	0.00281	mg/L	0.00300	93.77	81.00-122.08	0.0000200U		
Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
Mercury	0.00310	mg/L	0.00300	103.17	81.00-122.08	0.0000200U	9.55	8.88

Quality Control Batch: 10226610 **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	5.44	mg/L	5.00	108.80	81.21-113.54
Sodium	4.85	mg/L	5.00	96.93	78.62-112.15

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**		
Iron	16.8	mg/L	10.0	91.82	57.02-147.60	7.63		
Sodium	18.4	mg/L	10.0	85.50	37.63-161.64	9.88		
Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
Iron	17.4	mg/L	10.0	97.49	57.02-147.60	7.63	3.32	19.53
Sodium	19.2	mg/L	10.0	92.89	37.63-161.64	9.88	3.93	19.20

Quality Control Batch: 10226660 **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
Surr:DCAA	15.8	ug/L

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 3, 2013; Invoice: 208259

Quality Control Batch: 10226660 **Analyst:** DLJ

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Dinoseb	2.77	ug/L	2.50	110.73	5.11-142.66
2,4,5-T	3.27	ug/L	2.50	130.94	34.56-147.46
2,4,5-TP (Silvex)	2.66	ug/L	2.50	106.28	37.29-145.64
2,4-D	2.56	ug/L	2.50	102.60	31.42-153.84
Surr:DCAA	15.2	ug/L	12.5	121.71	38.28-150.04

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
Dinoseb	3.36	ug/L	2.50	134.26	80.00-120.00	0.250U
2,4,5-T	2.87	ug/L	2.50	115.00	80.00-120.00	0.250U
2,4,5-TP (Silvex)	3.14	ug/L	2.50	125.56	80.00-120.00	0.250U
2,4-D	3.20	ug/L	2.50	127.81	80.00-120.00	0.250U
Surr:DCAA	19.3	ug/L	12.5	154.57	80.00-120.00	

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
Dinoseb	3.51	ug/L	2.50	140.26	80.00-120.00	0.250U	4.37	2.76
2,4,5-T	3.18	ug/L	2.50	127.25	80.00-120.00	0.250U	10.12	1.49
2,4,5-TP (Silvex)	2.93	ug/L	2.50	117.25	80.00-120.00	0.250U	6.84	2.77
2,4-D	3.19	ug/L	2.50	127.41	80.00-120.00	0.250U	0.32	13.56
Surr:DCAA	16.6	ug/L	12.5	132.97	80.00-120.00		15.02	10.31

Quality Control Batch: 10226711 **Analyst:** PLB

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

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
TDS	1520	mg/L	1500	101.47	91.15-105.70

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 3, 2013; Invoice: 208259

Quality Control Batch: 10226761 **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	0.213	ug/L	0.250	85.34	80.00-120.00
1,2-Dibromoethane (EDB)	0.275	ug/L	0.250	109.95	71.37-128.24
1,2-dibromo-3-chloropropane	0.249	ug/L	0.250	99.52	56.44-144.91

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
1,2,3-Trichloropropane	0.212	ug/L	0.250	84.72	80.00-120.00	0.0200U
1,2-Dibromoethane (EDB)	0.276	ug/L	0.250	110.30	68.22-125.80	0.0100U
1,2-dibromo-3-chloropropane	0.241	ug/L	0.250	96.37	60.03-124.62	0.0200U

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
1,2,3-Trichloropropane	0.210	ug/L	0.250	83.85	80.00-120.00	0.0200U	1.03	20.00
1,2-Dibromoethane (EDB)	0.235	ug/L	0.250	93.99	68.22-125.80	0.0100U	15.97	16.28
1,2-dibromo-3-chloropropane	0.240	ug/L	0.250	95.88	60.03-124.62	0.0200U	0.50	10.23

Quality Control Batch: 10226783 **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

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 3, 2013; Invoice: 208259

Quality Control Batch: 10226783 **Analyst:** CLS

Blank	**Result**	**Units**
Benzene	0.500U	ug/L
Bromochloromethane	0.100U	ug/L
Bromodichloromethane	0.100U	ug/L
Bromoform	0.500U	ug/L
Bromomethane	0.500U	ug/L
Carbon Disulfide	1.00U	ug/L
Carbon Tetrachloride	0.500U	ug/L
Chlorobenzene	0.500U	ug/L
Chloroethane	0.500U	ug/L
Chloroform	0.500U	ug/L
Chloromethane	0.500U	ug/L
Chloroprene	5.00U	ug/L
cis-1,2-dichloroethene	0.200U	ug/L
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

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 3, 2013; Invoice: 208259

Quality Control Batch: 10226783 **Analyst:** CLS

Blank	**Result**	**Units**
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
1,1-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	7.36	ug/L
Surr:Toluene-d8	8.63	ug/L
Surr:1,2-Dichloroethane-d4	10.7	ug/L

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 3, 2013; Invoice: 208259

Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim
Acetone	11.2	ug/L	10.0	111.50	38.88-162.52
Acrylonitrile	11.7	ug/L	10.0	116.50	40.32-146.67
Allyl Chloride	9.69	ug/L	10.0	96.90	80.00-120.00
Benzene	11.4	ug/L	10.0	113.70	69.86-134.08
Bromochloromethane	10.9	ug/L	10.0	109.20	73.37-125.03
Bromodichloromethane	10.3	ug/L	10.0	102.60	73.69-129.06
Bromoform	9.07	ug/L	10.0	90.70	66.50-120.60
Bromomethane	12.5	ug/L	10.0	124.90	52.06-149.03
Carbon Disulfide	12.7	ug/L	10.0	127.00	72.42-160.65
Carbon Tetrachloride	10.3	ug/L	10.0	103.00	69.24-130.87
Chlorobenzene	10.9	ug/L	10.0	108.60	76.12-122.63
Chloroethane	11.7	ug/L	10.0	116.90	54.48-148.84
Chloroform	10.8	ug/L	10.0	108.40	70.86-132.14
Chloromethane	11.0	ug/L	10.0	109.70	53.66-151.98
cis-1,2-dichloroethene	9.84	ug/L	10.0	98.40	72.17-127.13
cis-1,3-Dichloropropene	9.15	ug/L	10.0	91.50	72.26-128.63
Dibromochloromethane	10.1	ug/L	10.0	100.50	72.48-118.93
Dibromomethane	10.9	ug/L	10.0	108.90	76.53-123.91
Dichlorodifluoromethane	9.93	ug/L	10.0	99.30	32.37-167.41
Ethyl methacrylate	8.11	ug/L	10.0	81.10	80.00-120.00
Ethylbenzene	10.4	ug/L	10.0	104.10	70.56-124.95
Methacrylonitrile	9.84	ug/L	10.0	98.40	80.00-120.00
Methyl Iodide	10.9	ug/L	10.0	108.80	55.71-163.66
Methyl isobutyl ketone	9.07	ug/L	10.0	90.70	50.12-132.13
Methyl Methacrylate	9.05	ug/L	10.0	90.50	80.00-120.00
Methylene chloride	14.3	ug/L	10.0	143.30	40.69-151.61
m-dichlorobenzene	11.0	ug/L	10.0	109.50	58.21-134.14
o-dichlorobenzene	11.0	ug/L	10.0	109.90	59.80-127.24
Para-dichlorobenzene	11.2	ug/L	10.0	112.40	59.80-127.16
Styrene	10.1	ug/L	10.0	101.00	64.43-121.79

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 3, 2013; Invoice: 208259

Quality Control Batch: 10226783 **Analyst:** CLS

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Tetrachloroethene	10.7	ug/L	10.0	106.60	49.80-173.40
Toluene	11.1	ug/L	10.0	111.10	75.34-126.10
trans-1,2-dichloroethene	11.1	ug/L	10.0	110.80	69.34-133.94
trans-1,3,-Dichloropropene	9.42	ug/L	10.0	94.20	69.36-124.24
Trichloroethene	10.5	ug/L	10.0	105.40	70.68-139.87
Trichlorofluoromethane	10.5	ug/L	10.0	104.80	44.99-156.60
Vinyl chloride	11.5	ug/L	10.0	114.60	56.53-148.31
Xylenes	30.6	ug/L	30.0	101.87	70.92-123.99
1,1,1,2-Tetrachloroethane	10.8	ug/L	10.0	107.70	72.36-126.72
1,1,1-Trichloroethane	10.9	ug/L	10.0	109.30	72.34-131.71
1,1,2,2-Tetrachloroethane	11.2	ug/L	10.0	112.10	73.03-130.21
1,1,2-Trichloroethane	10.9	ug/L	10.0	109.30	78.01-120.70
1,1-Dichloroethane	11.2	ug/L	10.0	111.50	68.89-133.90
1,1-Dichloroethene	11.0	ug/L	10.0	110.20	57.83-149.70
1,1-Dichloropropene	10.2	ug/L	10.0	101.80	71.70-133.07
1,2,4-trichlorobenzene	10.4	ug/L	10.0	104.10	17.21-148.33
1,2-dichloroethane	11.2	ug/L	10.0	111.60	71.63-130.49
1,2-dichloropropane	10.7	ug/L	10.0	106.90	72.07-128.11
1,3-Dichloropropane	10.6	ug/L	10.0	105.90	70.02-130.05
2,2-Dichloropropane	10.6	ug/L	10.0	105.60	65.33-147.06
2-Butanone (MEK)	10.4	ug/L	10.0	104.10	59.03-164.47
2-Hexanone	8.23	ug/L	10.0	82.30	60.06-141.22
Surr:Bromofluorobenzene	9.81	ug/L	10.0	98.10	77.54-122.32
Surr:Toluene-d8	9.56	ug/L	10.0	95.60	80.00-120.00
Surr:1,2-Dichloroethane-d4	10.0	ug/L	10.0	100.10	77.68-129.99

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
Acetone	18.5	ug/L	20.0	92.45	46.01-156.32	5.00U
Acrylonitrile	22.9	ug/L	20.0	114.70	43.40-147.39	0.300U

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 3, 2013; Invoice: 208259

Quality Control Batch: 10226783 **Analyst:** CLS

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
Allyl Chloride	22.6	ug/L	20.0	113.20	80.00-120.00	1.00U
Benzene	23.5	ug/L	20.0	117.55	74.48-134.24	0.500U
Bromochloromethane	22.5	ug/L	20.0	112.50	73.98-126.75	0.100U
Bromodichloromethane	21.6	ug/L	20.0	108.10	74.51-131.60	0.100U
Bromoform	21.4	ug/L	20.0	106.75	65.77-126.66	0.500U
Bromomethane	27.6	ug/L	20.0	138.05	45.79-154.07	0.500U
Carbon Tetrachloride	22.5	ug/L	20.0	112.55	69.71-134.11	0.500U
Chlorobenzene	22.2	ug/L	20.0	110.80	78.18-124.63	0.500U
Chloroethane	22.2	ug/L	20.0	111.20	57.96-148.61	0.500U
Chloroform	21.9	ug/L	20.0	109.30	67.52-139.02	0.500U
Chloromethane	22.1	ug/L	20.0	110.45	51.30-156.78	0.500U
cis-1,2-dichloroethene	22.4	ug/L	20.0	112.20	76.64-126.84	0.200U
cis-1,3-Dichloropropene	22.6	ug/L	20.0	113.05	67.26-137.96	0.500U
Dibromochloromethane	21.8	ug/L	20.0	109.00	73.00-123.23	0.400U
Dibromomethane	22.6	ug/L	20.0	112.90	73.11-128.50	0.500U
Dichlorodifluoromethane	19.5	ug/L	20.0	97.55	31.11-164.64	0.500U
Ethyl methacrylate	22.4	ug/L	20.0	111.90	80.00-120.00	0.500U
Ethylbenzene	23.1	ug/L	20.0	115.25	73.91-128.64	0.500U
Methacrylonitrile	22.8	ug/L	20.0	114.10	80.00-120.00	0.500U
Methyl Iodide	31.2	ug/L	20.0	156.10	54.23-165.25	1.00U
Methyl isobutyl ketone	23.6	ug/L	20.0	118.10	57.64-133.07	1.00U
Methyl Methacrylate	25.5	ug/L	20.0	127.70	80.00-120.00	2.00U
Methylene chloride	21.4	ug/L	20.0	107.05	50.29-142.90	1.00U
m-dichlorobenzene	22.4	ug/L	20.0	111.95	69.74-129.80	0.500U
o-dichlorobenzene	23.3	ug/L	20.0	116.45	71.04-127.37	0.500U
Para-dichlorobenzene	22.8	ug/L	20.0	113.75	70.44-126.55	0.500U
Styrene	22.3	ug/L	20.0	111.70	68.01-124.71	0.500U
Tetrachloroethene	22.0	ug/L	20.0	110.20	49.77-180.05	0.500U
Toluene	23.0	ug/L	20.0	114.80	77.67-128.73	0.500U

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 3, 2013; Invoice: 208259

Quality Control Batch: 10226783 **Analyst:** CLS

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
trans-1,2-dichloroethene	23.0	ug/L	20.0	115.20	71.14-135.42	0.500U
trans-1,3,-Dichloropropene	21.8	ug/L	20.0	109.15	68.77-131.64	0.500U
Trichloroethene	22.4	ug/L	20.0	112.00	77.68-135.38	0.500U
Trichlorofluoromethane	21.4	ug/L	20.0	107.15	48.94-159.62	0.500U
Vinyl chloride	22.8	ug/L	20.0	114.05	56.51-147.62	0.500U
Xylenes	66.7	ug/L	60.0	111.10	74.03-127.32	1.00U
1,1,1,2-Tetrachloroethane	21.8	ug/L	20.0	109.10	74.08-128.41	0.500U
1,1,1-Trichloroethane	22.8	ug/L	20.0	114.15	74.12-134.44	0.500U
1,1,2,2-Tetrachloroethane	23.1	ug/L	20.0	115.60	70.96-136.31	0.100U
1,1,2-Trichloroethane	21.7	ug/L	20.0	108.65	78.08-124.41	0.500U
1,1-Dichloroethane	22.3	ug/L	20.0	111.35	72.78-134.55	0.500U
1,1-Dichloroethene	24.3	ug/L	20.0	121.65	58.40-151.32	0.500U
1,1-Dichloropropene	22.7	ug/L	20.0	113.70	73.25-137.34	0.200U
1,2,4-trichlorobenzene	24.2	ug/L	20.0	121.10	22.90-145.92	0.500U
1,2-dichloroethane	22.1	ug/L	20.0	110.50	71.53-134.48	0.500U
1,2-dichloropropane	22.5	ug/L	20.0	112.60	74.50-129.66	0.200U
1,3-Dichloropropane	22.3	ug/L	20.0	111.45	72.32-131.54	0.300U
2,2-Dichloropropane	22.8	ug/L	20.0	114.15	61.83-150.70	0.500U
2-Butanone (MEK)	21.2	ug/L	20.0	105.80	64.53-153.74	0.500U
2-Hexanone	21.1	ug/L	20.0	105.25	62.58-147.29	0.500U
Surr:Bromofluorobenzene	9.81	ug/L	10.0	98.10	53.82-151.16	
Surr:Toluene-d8	9.70	ug/L	10.0	97.00	88.05-109.81	
Surr:1,2-Dichloroethane-d4	10.1	ug/L	10.0	100.70	75.07-126.19	

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
Acetone	23.6	ug/L	20.0	118.15	46.01-156.32	5.00U	24.41	38.47
Acrylonitrile	29.4	ug/L	20.0	146.75	43.40-147.39	0.300U	24.52	24.85
Allyl Chloride	27.6	ug/L	20.0	138.20	80.00-120.00	1.00U	19.89	15.00
Benzene	27.5	ug/L	20.0	137.65	74.48-134.24	0.500U	15.75	18.98

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 3, 2013; Invoice: 208259

Quality Control Batch: 10226783 **Analyst:** CLS

Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Bromochloromethane	27.3	ug/L	20.0	136.40	73.98-126.75	0.100U	19.20	15.45
Bromodichloromethane	25.1	ug/L	20.0	125.40	74.51-131.60	0.100U	14.82	14.47
Bromoform	23.5	ug/L	20.0	117.50	65.77-126.66	0.500U	9.59	18.89
Bromomethane	33.4	ug/L	20.0	167.15	45.79-154.07	0.500U	19.07	22.97
Carbon Tetrachloride	26.0	ug/L	20.0	130.05	69.71-134.11	0.500U	14.43	18.68
Chlorobenzene	25.6	ug/L	20.0	128.00	78.18-124.63	0.500U	14.41	17.54
Chloroethane	26.7	ug/L	20.0	133.40	57.96-148.61	0.500U	18.15	24.25
Chloroform	25.8	ug/L	20.0	129.10	67.52-139.02	0.500U	16.61	17.36
Chloromethane	26.3	ug/L	20.0	131.60	51.30-156.78	0.500U	17.48	24.58
cis-1,2-dichloroethene	26.4	ug/L	20.0	132.05	76.64-126.84	0.200U	16.25	19.01
cis-1,3-Dichloropropene	26.5	ug/L	20.0	132.70	67.26-137.96	0.500U	15.99	17.79
Dibromochloromethane	24.8	ug/L	20.0	124.05	73.00-123.23	0.400U	12.92	17.16
Dibromomethane	26.0	ug/L	20.0	130.15	73.11-128.50	0.500U	14.19	14.33
Dichlorodifluoromethane	23.9	ug/L	20.0	119.55	31.11-164.64	0.500U	20.27	25.30
Ethyl methacrylate	26.3	ug/L	20.0	131.40	80.00-120.00	0.500U	16.03	15.00
Ethylbenzene	26.6	ug/L	20.0	132.95	73.91-128.64	0.500U	14.26	17.78
Methacrylonitrile	28.0	ug/L	20.0	139.80	80.00-120.00	0.500U	20.24	15.00
Methyl Iodide	36.7	ug/L	20.0	183.55	54.23-165.25	1.00U	16.16	24.15
Methyl isobutyl ketone	27.9	ug/L	20.0	139.35	57.64-133.07	1.00U	16.51	23.20
Methyl Methacrylate	29.7	ug/L	20.0	148.60	80.00-120.00	2.00U	15.13	15.00
Methylene chloride	25.4	ug/L	20.0	126.95	50.29-142.90	1.00U	17.01	22.29
m-dichlorobenzene	25.0	ug/L	20.0	125.10	69.74-129.80	0.500U	11.09	21.29
o-dichlorobenzene	25.9	ug/L	20.0	129.60	71.04-127.37	0.500U	10.69	17.00
Para-dichlorobenzene	25.4	ug/L	20.0	127.10	70.44-126.55	0.500U	11.09	14.84
Styrene	25.5	ug/L	20.0	127.55	68.01-124.71	0.500U	13.25	17.03
Tetrachloroethene	24.9	ug/L	20.0	124.70	49.77-180.05	0.500U	12.35	27.05
Toluene	26.3	ug/L	20.0	131.45	77.67-128.73	0.500U	13.52	18.11
trans-1,2-dichloroethene	26.9	ug/L	20.0	134.55	71.14-135.42	0.500U	15.50	19.23
trans-1,3,-Dichloropropene	25.2	ug/L	20.0	125.80	68.77-131.64	0.500U	14.17	17.05

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 3, 2013; Invoice: 208259

Quality Control Batch: 10226783 **Analyst:** CLS

Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Trichloroethene	26.7	ug/L	20.0	133.45	77.68-135.38	0.500U	17.48	16.98
Trichlorofluoromethane	25.7	ug/L	20.0	128.55	48.94-159.62	0.500U	18.16	24.90
Vinyl chloride	27.7	ug/L	20.0	138.25	56.51-147.62	0.500U	19.18	21.53
Xylenes	75.8	ug/L	60.0	126.28	74.03-127.32	1.00U	12.79	18.64
1,1,1,2-Tetrachloroethane	25.1	ug/L	20.0	125.65	74.08-128.41	0.500U	14.10	18.35
1,1,1-Trichloroethane	26.5	ug/L	20.0	132.70	74.12-134.44	0.500U	15.03	19.03
1,1,2,2-Tetrachloroethane	26.7	ug/L	20.0	133.60	70.96-136.31	0.100U	14.45	18.50
1,1,2-Trichloroethane	25.0	ug/L	20.0	124.75	78.08-124.41	0.500U	13.80	15.94
1,1-Dichloroethane	26.6	ug/L	20.0	132.85	72.78-134.55	0.500U	17.61	16.44
1,1-Dichloroethene	28.9	ug/L	20.0	144.55	58.40-151.32	0.500U	17.21	23.15
1,1-Dichloropropene	26.7	ug/L	20.0	133.35	73.25-137.34	0.200U	15.91	22.56
1,2,4-trichlorobenzene	27.2	ug/L	20.0	135.90	22.90-145.92	0.500U	11.52	20.25
1,2-dichloroethane	25.9	ug/L	20.0	129.40	71.53-134.48	0.500U	15.76	15.32
1,2-dichloropropane	26.4	ug/L	20.0	132.15	74.50-129.66	0.200U	15.98	16.56
1,3-Dichloropropane	26.0	ug/L	20.0	129.95	72.32-131.54	0.300U	15.33	23.05
2,2-Dichloropropane	26.0	ug/L	20.0	130.15	61.83-150.70	0.500U	13.10	23.34
2-Butanone (MEK)	24.9	ug/L	20.0	124.55	64.53-153.74	0.500U	16.28	32.53
2-Hexanone	24.2	ug/L	20.0	121.05	62.58-147.29	0.500U	13.96	25.26
Surr:Bromofluorobenzene	10.0	ug/L	10.0	100.00	53.82-151.16		1.92	13.51
Surr:Toluene-d8	9.97	ug/L	10.0	99.70	88.05-109.81		2.75	7.44
Surr:1,2-Dichloroethane-d4	10.0	ug/L	10.0	100.20	75.07-126.19		0.50	8.75

Quality Control Batch: 10226837 **Analyst:** DLJ

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

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 3, 2013; Invoice: 208259

Quality Control Batch: 10226837 **Analyst:** DLJ

Blank	**Result**	**Units**
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	0.427	ug/L

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Aldrin	0.0932	ug/L	0.125	74.58	12.83-113.48
a-BHC	0.122	ug/L	0.125	97.91	12.52-115.93
b-BHC	0.124	ug/L	0.125	98.84	32.71-121.18
Dieldrin	0.135	ug/L	0.125	108.10	34.19-127.26
Endosulfan_I	0.122	ug/L	0.125	97.36	18.33-120.63
Endosulfan_II	0.150	ug/L	0.125	120.13	37.06-132.85
Endosulfan_sulfate	0.0804	ug/L	0.125	64.33	23.13-147.35
Endrin	0.0750	ug/L	0.125	59.99	61.31-151.63
Endrin_Aldehyde	0.138	ug/L	0.125	110.32	35.08-136.28
Heptachlor	0.105	ug/L	0.125	84.34	71.93-136.13
Heptachlor epoxide	0.124	ug/L	0.125	98.99	72.05-132.82
Lindane (g-BHC)	0.107	ug/L	0.125	85.77	67.43-132.32

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 3, 2013; Invoice: 208259

Quality Control Batch: 10226837 **Analyst:** DLJ

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Methoxychlor	0.137	ug/L	0.125	109.72	35.57-159.59
4,4'-DDD	0.161	ug/L	0.125	128.65	34.70-139.82
4,4'-DDE	0.129	ug/L	0.125	103.58	29.61-130.24
4,4'-DDT	0.143	ug/L	0.125	114.04	33.43-137.17
Surr:Decachlorobiphenyl	0.479	ug/L	0.500	95.82	26.32-128.90

Quality Control Batch: 10226857 **Analyst:** CLS

Blank	**Result**	**Units**
Surr:2-Fluorophenol	15.9	ug/L

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Surr:2-Fluorophenol	35.0	ug/L	50.0	69.94	7.39-118.36

Quality Control Batch: 10226858 **Analyst:** CLS

Blank	**Result**	**Units**
Acenaphthene	2.00U	ug/L
Acenaphthylene	2.00U	ug/L
Acetophenone	10.0U	ug/L
Anthracene	2.00U	ug/L
Benzo(a)anthracene	0.200U	ug/L
Benzo(a)pyrene	1.00U	ug/L
Benzo(b)fluoranthene	0.100U	ug/L
Benzo(g,h,i)perylene	2.00U	ug/L
Benzo(k)fluoranthene	1.00U	ug/L
Benzyl alcohol	5.00U	ug/L
Bis(2-chloroethoxy)methane	2.00U	ug/L
Bis(2-chloroethyl)ether	2.00U	ug/L

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 3, 2013; Invoice: 208259

Quality Control Batch: 10226858 **Analyst:** CLS

Blank	**Result**	**Units**
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
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

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 3, 2013; Invoice: 208259

Quality Control Batch: 10226858 **Analyst:** CLS

Blank	**Result**	**Units**
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
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

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 3, 2013; Invoice: 208259

Quality Control Batch: 10226858 **Analyst:** CLS

Blank	**Result**	**Units**
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
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

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 3, 2013; Invoice: 208259

Quality Control Batch: 10226858 **Analyst:** CLS

Blank	**Result**	**Units**
4-Chlorophenylphenyl ether	2.00U	ug/L
4-Nitrophenol	2.00U	ug/L
5-Nitro-o-toluidine	2.00U	ug/L
7,12-Dimethylbenz(a)anthracene	10.0U	ug/L
Surr:Nitrobenzene-d5	41.5	ug/L
Surr:Phenol-d5	6.63	ug/L
Surr:Terphenyl-d14	47.7	ug/L
Surr:2,4,6-Tribromophenol	34.5	ug/L
Surr:2-Fluorobiphenyl	39.9	ug/L

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Acenaphthene	18.3	ug/L	50.0	36.66	19.43-110.82
Acenaphthylene	18.1	ug/L	50.0	36.26	11.73-114.82
Anthracene	19.2	ug/L	50.0	38.44	35.89-115.69
Benzo(a)anthracene	17.5	ug/L	50.0	34.98	41.93-129.99
Benzo(a)pyrene	17.4	ug/L	50.0	34.82	39.40-119.98
Benzo(b)fluoranthene	18.9	ug/L	50.0	37.84	31.36-135.33
Benzo(g,h,i)perylene	20.0	ug/L	50.0	40.02	46.39-130.38
Benzo(k)fluoranthene	19.5	ug/L	50.0	39.08	33.95-145.70
Bis(2-chloroethoxy)methane	17.8	ug/L	50.0	35.62	20.91-104.32
Bis(2-chloroethyl)ether	15.7	ug/L	50.0	31.48	18.37-99.13
Bis(2-ethylhexyl)phthalate	21.7	ug/L	50.0	43.34	49.06-144.86
Butyl benzyl phthalate	20.3	ug/L	50.0	40.68	7.48-144.10
Chrysene	20.9	ug/L	50.0	41.78	46.72-134.45
Dibenz(a,h)anthracene	19.1	ug/L	50.0	38.10	37.64-133.88
Diethylphthalate	19.8	ug/L	50.0	39.50	18.85-127.83
Dimethylphthalate	18.6	ug/L	50.0	37.16	14.66-119.16
Di-n-butylphthalate	20.9	ug/L	50.0	41.70	11.05-132.80
Di-n-octylphthalate	19.8	ug/L	50.0	39.60	47.68-133.80

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

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 3, 2013; Invoice: 208259

Quality Control Batch: 10226858 **Analyst:** CLS

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Fluoranthene	19.7	ug/L	50.0	39.44	24.34-134.54
Fluorene	20.6	ug/L	50.0	41.18	19.06-111.25
Hexachlorobenzene	20.2	ug/L	50.0	40.30	28.31-127.72
Hexachlorobutadiene	16.0	ug/L	50.0	31.94	17.28-108.31
Hexachlorocyclopentadiene	4.19	ug/L	50.0	8.38	9.79-126.19
Hexachloroethane	13.6	ug/L	50.0	27.10	20.94-88.14
Indeno(1,2,3-cd)pyrene	19.8	ug/L	50.0	39.62	37.85-143.45
Isophorone	12.6	ug/L	50.0	25.22	15.48-109.35
Naphthalene	18.6	ug/L	50.0	37.20	22.76-100.00
Nitrobenzene	16.7	ug/L	50.0	33.34	16.67-101.87
N-Nitrosodimethylamine	9.14	ug/L	50.0	18.28	12.84-110.84
N-Nitrosodiphenylamine	15.6	ug/L	50.0	31.22	20.14-136.25
N-Nitrosodi-n-propylamine	15.7	ug/L	50.0	31.36	7.78-121.66
o-Cresol	15.2	ug/L	50.0	30.30	31.85-96.90
Pentachlorophenol	18.6	ug/L	50.0	37.14	22.28-137.29
Phenanthrene	20.6	ug/L	50.0	41.12	33.30-113.56
Phenol	13.2	ug/L	50.0	26.48	22.51-89.77
Pyrene	20.0	ug/L	50.0	39.90	42.73-127.70
p-Chloro-m-Cresol	18.0	ug/L	50.0	36.00	23.38-107.86
p-Cresol	16.2	ug/L	50.0	32.38	70.00-120.00
2,4,5-Trichlorophenol	18.1	ug/L	50.0	36.10	42.66-114.96
2,4,6-Trichlorophenol	18.0	ug/L	50.0	36.08	21.76-108.71
2,4-Dichlorophenol	17.6	ug/L	50.0	35.28	20.31-101.72
2,4-Dimethylphenol	15.6	ug/L	50.0	31.24	7.63-107.79
2,4-Dinitrophenol	12.5	ug/L	50.0	24.92	9.34-139.66
2,4-Dinitrotoluene	19.8	ug/L	50.0	39.50	32.19-126.79
2,6-Dinitrotoluene	19.0	ug/L	50.0	37.92	27.21-115.54
2-Chloronapthalene	13.6	ug/L	50.0	27.20	18.48-106.95
2-chlorophenol	15.4	ug/L	50.0	30.82	26.80-96.34

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 3, 2013; Invoice: 208259

Quality Control Batch: 10226858 **Analyst:** CLS

Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim
2-methyl-Naphthalene	17.0	ug/L	50.0	34.06	19.08-101.21
2-methyl-4,6-dinitrophenol	18.0	ug/L	50.0	36.00	28.26-128.29
2-Nitrophenol	18.3	ug/L	50.0	36.68	17.49-107.10
4-Bromophenylphenyl ether	19.5	ug/L	50.0	38.90	20.05-126.55
4-Chlorophenylphenyl ether	19.3	ug/L	50.0	38.66	12.26-120.37
4-Nitrophenol	12.8	ug/L	50.0	25.50	18.72-121.25
Surr:Nitrobenzene-d5	43.0	ug/L	50.0	85.94	5.91-135.33
Surr:Phenol-d5	33.0	ug/L	50.0	66.08	3.28-127.80
Surr:Terphenyl-d14	46.6	ug/L	50.0	93.18	37.97-143.50
Surr:2,4,6-Tribromophenol	46.9	ug/L	50.0	93.88	20.44-122.58
Surr:2-Fluorobiphenyl	43.2	ug/L	50.0	86.46	18.75-110.25

Quality Control Batch: 10226968 **Analyst:** PCW

Blank	Result	Units
Cyanide	0.00500U	mg/L

Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim
Cyanide	0.106	mg/L	0.100	106.00	46.95-133.05

Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample
Cyanide	0.0954	mg/L	0.0800	122.54	49.05-125.20	-0.00263

Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Cyanide	0.0964	mg/L	0.0800	123.79	49.05-125.20	-0.00263	1.04	23.62

Quality Control Batch: 10226978 **Analyst:** PCW

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

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 3, 2013; Invoice: 208259

Quality Control Batch: 10226978 **Analyst:** PCW

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Ammonia (as N)	0.577	mg/L	0.500	115.40	80.72-118.76

Matrix Spike	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**
Ammonia (as N)	1.18	mg/L	0.780	97.05	54.58-133.65	0.423

Matrix Spike Duplicate	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**	**Sample**	**RPD**	**RPD Lim**
Ammonia (as N)	1.18	mg/L	0.780	97.05	54.58-133.65	0.423	0.00	13.84

Quality Control Batch: 10226997 **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 1221	7.49	ug/L	10.0	74.88	80.00-120.00

Quality Control Batch: 10227016 **Analyst:** DLJ

Blank	**Result**	**Units**
Disulfoton	0.300U	ug/L
Ethyl Parathion	0.500U	ug/L
Methyl Parathion	0.500U	ug/L
Phorate	1.00U	ug/L
Surr:Cl-NBTF	34.7	ug/L

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 3, 2013; Invoice: 208259

Quality Control Batch: 10227016 **Analyst:** DLJ

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Disulfoton	2.76	ug/L	4.00	68.93	33.40-167.19
Ethyl Parathion	3.63	ug/L	4.00	90.78	80.00-120.00
Methyl Parathion	3.15	ug/L	4.00	78.68	20.01-160.55
Phorate	3.70	ug/L	4.00	92.41	29.28-161.04
Surr:Cl-NBTF	26.5	ug/L	32.0	82.76	70.00-130.00

Quality Control Batch: 10227032 **Analyst:** TRB

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

Laboratory Control Sample	**Result**	**Units**	**Spike**	**%REC**	**%REC Lim**
Total Sulfide	20.0	mg/L	20.0	100.00	80.00-120.00

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

PO #: 40612
Client Project #: HARDEE COUNTY REGIONAL LAN
Date Sampled: Jun 21, 2013
Jul 3, 2013; Invoice: 208259

Narrative Report

Sample Handling
Sample handling and holding time criteria were met for all samples. Samples collected by submitter. No unusual events occurred during analysis. Results are reported on a wet weight basis.

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

Additional Comments
The EPA8270 extract required dilution due to matrix. MDLs are elevated accordingly.

Attachments
Chain of Custody

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

Check Box That Applies To Your Location

- [x] **Flowers Chemical Laboratories, Inc.**
  481 Newburyport Ave.
  Altamonte Springs, FL 32701
  Bus: 407-339-5984
  Fax: 407-260-6110
- [ ] **Flowers Chemical Labs-South**
  West Park Industrial Plaza
  571 N.W. Mercantile Pl., Ste. 111
  Port St. Lucie, FL 34986
  Bus: 772-343-8006
  Fax: 772-343-8089
- [ ] **Flowers Chemical Labs-North**
  812 S.W. Harvey Greene Dr.
  Madison, FL 32340
  Bus: 850-973-6878
  Fax: 850-973-6878
- [ ] **Flowers Chemical Labs-Keys**
  3980 Overseas Highway, Ste. 103
  Marathon, FL 33050
  Bus: 305-743-8598
  Fax: 305-743-8598

FLOWERS CHEMICAL LABORATORIES INCORPORATED

DOWNLOAD REPORTS, INVOICES AND CHAINS OF CUSTODY www.flowerslabs.com

Client: Atkins - Tampa Acct.
Address:
Phone:
Sampled By (PRINT):
Sampler Signature: Date Sampled:

Project Name: Hardee Co Landfill
Client Contact:
FCL Project Manager:
Requested Due Date 10 Day Standard OR
Pick-Up Fee $ Vehicle Surcharge $ Sampling Fee $

P.O. # 40612
FAX:
E-MAIL:
Rush Charges May Apply

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	COMMENTS	Total # Containers
1	MANHOLE 9	6/21/13	10:06		208259GW1							Manhole - See Kit Request <6°C	20
2	Trip Blank	6/21	10:00		↓ GW2								1
3													
4													
5													
6													
7													
8													
9													
10													

Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Raymond Martin	6/21	15:20							James Tilman	6/21/13	15:20

FINANCE CHARGES APPLIED TO PAST DUE INVOICES

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

Rev 04-08