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December 29, 2010

Dept. Of Environmental Protection

DEC 30 2010

Southwest District

40612

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SW

JRM
12/13

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

**Re: Review of Semi-Annual Sampling Results
Second Half 2010 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, PBS&J would like to present this review of the results of the second half 2010 sampling event at for the facility referenced above. This document is designed to comply with the requirements of Specific Condition E.10 of the facility's permit, and was compiled in general accordance with the guidelines promulgated in Chapter 62-701.510(9) (a) of the Florida Administrative Code (FAC).

BACKGROUND

The Hardee County Solid Waste Disposal Facility is an active Class I landfill which encompasses approximately 100 acres of land at 685 Airport Road in Hardee County, Florida. According to the facility's operating permit, the water quality monitoring network is designed to monitor the groundwater in the surficial aquifer, the surface water, and leachate. The groundwater monitoring network includes eight monitoring wells, which are designated MW-1, MW-2, MW-4, MW-5, MW-8, MW-10R, MW-11, and MW-12R. The facility's permit designates MW-1 and MW-4 as background wells and the other wells as detection wells. There are three other monitoring wells, MW-3, MW-6, and MW-7, which are designated by the permit as piezometers along with 15 other piezometers. Please note that piezometers P-1, P-2, and P-15 were recently 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 excluding the volatile organic compounds and metals, as well as for total ammonia, iron, chlorides, mercury, nitrate, sodium, and total dissolved solids (TDS). These analytes are also listed in Specific Condition No. 29(c) of the facility's permit.

Specific Condition E.9 of the permit calls for the collection of a leachate samples from two points - at Manhole 9 (Phase I) and at the Phase II leachate collection/detection riser. Leachate samples are

typically collected during the first half sampling event of each year and analyzed for the laboratory analytes listed in the referenced specific condition.

Specific Condition E.8 of the permit calls for the collection of a surface water sample from one location, which is designated SW-2. The surface water samples are collected during both semiannual sampling events during the year.

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

SECOND HALF 2010 SAMPLING EVENT

The second half 2010 sampling event was conducted on November 22nd and 23rd, 2010. Groundwater and surface water samples were collected during this event. The groundwater and surface water samples were collected in general accordance with the Florida Department of Environmental Protection (FDEP) Standard Operating Procedure for Field Activities (SOP 001/01). Sample collection and analysis was performed by Flowers Chemical Laboratories inc. (FCL). FCL is a NELAC-certified laboratory. A FDEP Ground Water Monitoring Report form for the sampling event is provided in Attachment A.

Sample Collection Methodology

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

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

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

SECOND HALF 2010 SAMPLING EVENT RESULTS

Groundwater Flow Pattern

Depth to groundwater measurements were collected at the eight monitoring wells and 15 piezometers during this sampling event. The groundwater level elevation data from this event are presented in Table 1. The groundwater elevation data were plotted and contoured to generate the groundwater elevation

contour map presented in Figure 2. The data indicated that the groundwater in the surficial aquifer beneath the landfill was flowing in a south-southeasterly direction at the time of this sampling event. The water table gradient measured approximately 0.003 feet per foot beneath the site.

Sampling Results

A description of the detections in the groundwater and surface water is presented below. The leachate analytical results were not available at the time of the issuance of this report and will be forwarded under separate cover.

Groundwater Analytical Results

There were numerous inorganic analytes but no organic analytes detected in the groundwater samples collected and analyzed during this sampling event. The inorganic analyte detections included all of those which are part of the analytical program except antimony, beryllium, cadmium, lead, mercury, selenium, silver, and thallium. At least one inorganic analyte was detected at every well in the monitoring network.

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

- pH - The standard for pH is any value outside of the range between 6.5 and 8.5. The pH value at all of the wells were at 6.5 or lower and measured as low as 4.70 at well MW-11. The pH values at both of the background wells, MW-1 and MW-4, were lower than the standard range.
- The standard for iron is 0.3 milligrams per liter (mg/L). The iron concentration in the samples collected at wells MW-1, MW-2, MW-4, MW-5, and MW-10R exceeded the standard. The iron concentrations at both of the background wells were higher than the standard.

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, and the only analyte that was inconsistent with the standard was dissolved oxygen (DO). The DO concentration measured 3.86 milligrams per liter (mg/L), which is lower than the standard of greater than 5 mg/L. The surface water standards are promulgated by Chapter

Mr. John Morris
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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.

SUMMARY AND CONCLUSIONS

The results of the second half 2010 sampling event at the Hardee County Solid Waste Disposal Facility were consistent with those of the recent sampling events, with numerous inorganic detections in the groundwater and surface water and no organic analyte detections. There were three analytes detected outside of the regulatory standards; pH and iron were detected in the groundwater at concentrations in excess of the regulatory criteria, and DO was detected below the target range in the surface water.

Based on these findings, the facility does not appear to be having a significant effect on groundwater and surface water quality. PBS&J recommends that the analytical results in future sampling events be monitored closely for any developing trends. If you have any questions regarding the information presented in this report, please call me at (407) 806-4339.

Very truly yours,



Greg Mudd, P.G.
Senior Geologist

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

Table 3
Surface Water Analytical Summary
Hardee County Landfill
Second Half 2010

Analyte	Location:		SW-2
	Sample Identifier:		SW-2
	Date of Test:		11/22/10
	Standard(1)	Units	
Field Measurements			
Temperature		deg. C	23.2
pH	6-8.5	STD	7.27
Conductivity	1275	umhos/cm	409
Dissolved Oxygen (DO)	>5	mg/l	3.86
Turbidity	29+	NTU	2.40
Inorganics			
Unionized ammonia (as N)	20	mg/L	BDL
Nitrate (as N)		mg/L	BDL
Nitrite (as N)		mg/L	BDL
Total Dissolved Solids (TDS)		mg/L	272
Aluminum		mg/L	0.0322
Antimony	4300	mg/L	BDL
Arsenic	50	mg/L	0.00179
Barium		mg/L	0.00691
Beryllium	0.13	mg/L	BDL
Cadmium	1.55 ⁽²⁾	mg/L	BDL
Chromium	119.4 ⁽³⁾	mg/L	BDL
Cobalt		mg/L	BDL
Copper	13.1 ⁽⁴⁾	mg/L	BDL
Iron	0.3	mg/L	0.169
Lead	5.28 ⁽⁵⁾	mg/L	BDL
Mercury	0.002	mg/L	BDL
Nickel	73.0 ⁽⁶⁾	mg/L	0.00324
Selenium	5	mg/L	BDL
Silver	0.07	mg/L	BDL
Sulfate		mg/L	2840
Thallium	6.3	mg/L	BDL
Vanadium		mg/L	0.00155
Zinc	167.9 ⁽⁷⁾	mg/L	BDL
Fecal coliform	800	cfu/100mL	28
Total Hardness (as CaCO3)		mg/L	149
Total Organic Carbon (TOC)		mg/L	24.5
Total Nitrogen		mg/L	0.975
Total Phosphorus		mg/L	0.686
Phenolics		mg/L	0.546
Biological Oxygen Demand (BOD)		mg/l	BDL
Chemical Oxygen Demand (COD)		mg/L	130
Chlorophyll A		mg/m3	1.07
Total Keldahl Nitrogen (TKN) (as N)		mg/l	0.965
Organics			
1,1,1,2-Tetrachloroethane		ug/l	BDL
1,1,1-Trichloroethane		ug/l	BDL
1,1,2,2-Tetrachloroethane	10.8	ug/l	BDL
1,1,2-Trichloroethane		ug/l	BDL
1,1-Dichloroethane		ug/l	BDL
1,1-Dichloroethene	3.2	ug/l	BDL
1,2-Dichloroethane		ug/l	BDL
1,2-Dichloropropane		ug/l	BDL

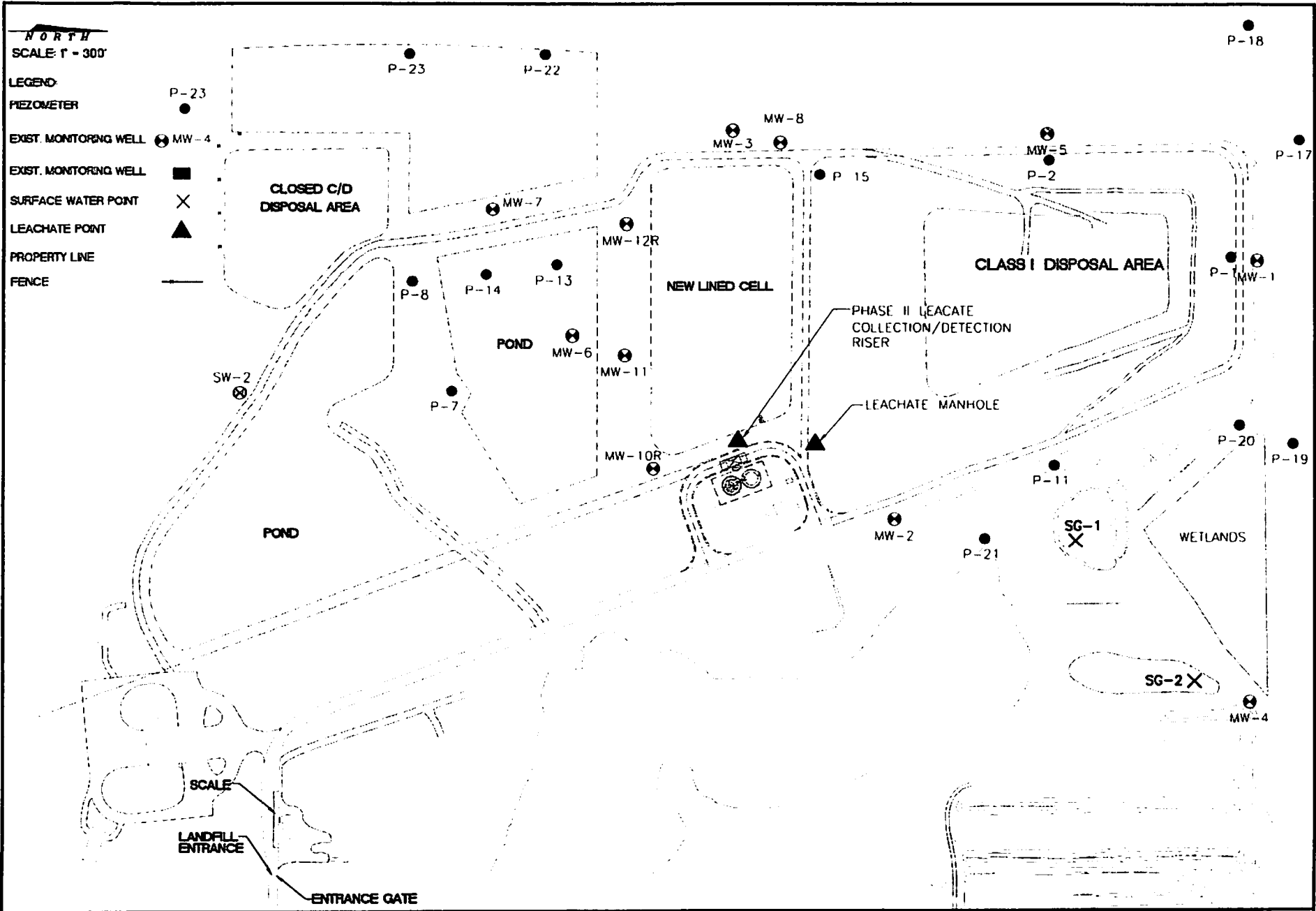
Analyte	Location:		SW-2
	Sample Identifier:		SW-2
	Date of Test:		11/22/10
	Standard(1)	Units	
2-Butanone (MEK)		ug/l	BDL
2-Hexanone		ug/l	BDL
2-Chloroethylvinylether		ug/l	BDL
Acetone		ug/l	BDL
Acrolein		ug/l	BDL
Acrylonitrile		ug/l	BDL
Benzene	71.28	ug/l	BDL
Bromochloromethane		ug/l	BDL
Bromodichloromethane	22	ug/l	BDL
Bromoform		ug/l	BDL
Bromomethane		ug/l	BDL
Carbon disulfide		ug/l	BDL
Carbon tetrachloride	4.42	ug/l	BDL
Chlorobenzene		ug/l	BDL
Chloroethane		ug/l	BDL
Chloroform		ug/l	BDL
Chloromethane	470.8	ug/l	BDL
Dibromochloromethane		ug/l	BDL
Dibromomethane		ug/l	BDL
Ethylbenzene		ug/l	BDL
m-Dichlorobenzene		ug/l	BDL
Methyl iodide		ug/l	BDL
Methyl isobutyl ketone		ug/l	BDL
Methylene chloride		ug/l	BDL
Para-dichlorobenzene		ug/l	BDL
Styrene		ug/l	BDL
Tetrachloroethene		ug/l	BDL
Toluene		ug/l	BDL
Trichloroethene	80.7	ug/l	BDL
Trichlorofluoromethane		ug/l	BDL
Vinyl Acetate		ug/l	BDL
Vinyl chloride		ug/l	BDL
Xylenes		ug/l	BDL
cis-1,2-Dichloroethene		ug/l	BDL
cis-1,3-Dichloropropene		ug/l	BDL
o-Dichlorobenzene		ug/l	BDL
trans-1,2-Dichloroethene		ug/l	BDL
trans-1,3,-Dichloropropene		ug/l	BDL
trans-1,4-Dichloro-2-butene		ug/l	BDL

Abbreviations: mg/l = milligrams per liter, ug/l = micrograms per liter, NTU = nephelometric turbidity units, mg/m³ - milligrams per cubic meter

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

- (2) Cd less than or equal to $c(0.7852(\text{InH})-3.49)$
- (3) Cr less than or equal to $c(0.819(\text{InH})+0.6848)$
- (4) Cu less than or equal to $c(0.845(\text{InH})-1.702)$
- (5) Pb less than or equal to $c(1.273(\text{InH})-4.705)$
- (6) Ni less than or equal to $c(0.846(\text{InH})+0.0584)$
- (7) Zn less than or equal to $c(0.8473(\text{InH})+0.884)$

FIGURES



PBS&J POST, BUCKLEY, SCHUH & JERNIGAN, INC.

HARDEE COUNTY LANDFILL

MONITORING POINTS

FIGURE 1

ATTACHMENT A

Ground Water Monitoring Report Form

Florida Department of Environmental Protection

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

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

GROUND WATER MONITORING REPORT
Rule 62-522.600(11)

PART I GENERAL INFORMATION

- (1) Facility Name Hardee County Solid Waste Disposal Facility
 Address 685 Airport Road
 City Wachula, Florida Zip 33873
 Telephone Number (863) 733-5089
- (2) The GMS Identification Number 4025C30001
- (3) DEP Permit Number 38414-007-SO
- (4) Authorized Representative Name Greg Mudd, P.G., PBS&J
 Address 482 Keller Road
 City Orlando, Florida Zip 32810
 Telephone Number (407) 806-4339
- (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: 12/15/10 Greg Mudd, PBS&J FOR HARDEE COUNTY
Signature of Owner or Authorized Representative

PART II QUALITY ASSURANCE REQUIREMENTS

Sample Organization Comp QAP # PBS&J

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: November 2010

Test Site ID #: _____ Report Period: Second Half 2010
(year/quarter)

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

Classification of Ground Water: _____ Well Type: () Background

() Intermediate

() Compliance

() Other

Ground Water Elevation (NGVD): _____

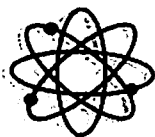
or (MSL): _____

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

* Attach Laboratory Reports

ATTACHMENT C

Groundwater and Surface Water Analytical Report



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)

PBS&J
482 South Keller Rd
Orlando, FL 32810

PO #: 40612
Client Project #: Hardee Co. Regional Landfill
Date Sampled: Nov 22, 2010
Dec 7, 2010; Invoice: 137730

Report Summary

Date Received: Nov 22, 2010

FCL Project Manager: June S. Flowers

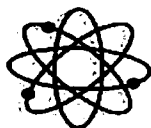
Laboratory #	Sample Description	Analysis	Chemist	Location	Sample Matrix
137730SW1	21062/SW-2	EPA351.2	VLB	Main Lab	Surface Water
		EPA353.2	PCW	Main Lab	
		EPA365.4	VLB	Main Lab	
		EPA375.2	PCW	Main Lab	
		EPA410.4	CTH	Main Lab	
		EPA420.1	PCW	Main Lab	
		EPA6010	EVB	Main Lab	
		EPA6020	EVB	Main Lab	
		EPA7470	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	CCP	Main Lab	
		SM5310 B	PCW	Main Lab	
		SM9222 D	TRB	Main Lab	
		TotNit			
137730SW2	Trip Blank	EPA8260	CLS	Main Lab	Surface Water

Certificate of Results

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

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





FLOWERS CHEMICAL LABORATORIES INC.

P.O. Box 150597, Altamonte Springs FL 32715-0597
571 NW Mercantile Pl, Suite 111, Port St. Lucie FL 34986
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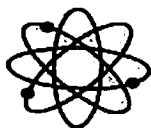
PBS&J
482 South Keller Rd
Orlando, FL 32810

PO #: 40612
Client Project #: Hardee Co. Regional Landfill
Date Sampled: Nov 22, 2010
Dec 7, 2010; Invoice: 137730

Analysis Report

Lab #: 137730SW1 Sampled: 11/22/10 11:00 AM Desc: 21062/SW-2

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Total Nitrogen(as N)	0.975		0				TotNit	17778-88-0	
TSS	1.00 U	mg/L	1.00	1.00	2.00	10162778	SM2540 D	E1642818	11/23/10
Fecal Coliform	28.0	cfu/100mL	1.00	1.00	1.00	10162780	SM9222 D	E761792	11/22/10 01:00 PM
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	630-20-6	11/22/10
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	71-55-6	11/22/10
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10162833	EPA8260	79-34-5	11/22/10
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	79-00-5	11/22/10
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	75-34-3	11/22/10
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	75-35-4	11/22/10
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	107-06-2	11/22/10
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10162833	EPA8260	78-87-5	11/22/10
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	78-93-3	11/22/10
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	591-78-6	11/22/10
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10162833	EPA8260	67-64-1	11/22/10
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10162833	EPA8260	107-13-1	11/22/10
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	71-43-2	11/22/10
Bromochloromethane	0.100 U	ug/L	1.00	0.100	1.00	10162833	EPA8260	074-97-5	11/22/10
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10162833	EPA8260	75-27-4	11/22/10
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	75-25-2	11/22/10
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	74-83-9	11/22/10
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10162833	EPA8260	75-15-0	11/22/10
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	56-23-5	11/22/10
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	108-90-7	11/22/10
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	75-00-3	11/22/10
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	67-66-3	11/22/10
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	74-87-3	11/22/10
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10162833	EPA8260	124-48-1	11/22/10



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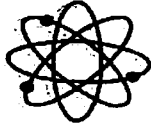
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Lab #: 137730SW1 Sampled: 11/22/10 11:00 AM Desc: 21062/SW-2

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	074-95-3	11/22/10
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	100-41-4	11/22/10
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10162833	EPA8260	074-88-4	11/22/10
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10162833	EPA8260	108-10-1	11/22/10
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10162833	EPA8260	75-09-2	11/22/10
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	106-46-7	11/22/10
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	100-42-5	11/22/10
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	127-18-4	11/22/10
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	108-88-3	11/22/10
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	79-01-6	11/22/10
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	75-69-4	11/22/10
Vinyl Acetate	5.00 U	ug/L	1.00	5.00	10.0	10162833	EPA8260	108-05-4	11/22/10
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	75-01-4	11/22/10
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10162833	EPA8260	1330-20-7	11/22/10
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10162833	EPA8260	156-59-2	11/22/10
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	10061-01-5	11/22/10
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	95-50-1	11/22/10
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	156-60-5	11/22/10
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	10061-02-6	11/22/10
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10162833	EPA8260	110-57-6	11/22/10
Surr:1,2-Dichloroethane-d4 (85-128%)	118.13%		1.00	0.0100	0.0100	10162833	EPA8260		11/22/10
Surr:Bromofluorobenzene (84-123%)	94.17%		1.00	1.00	1.00	10162833	EPA8260	460-00-4	11/22/10
Surr:Toluene-d8 (92-107%)	96.17%		1.00	0.0100	0.0100	10162833	EPA8260		11/22/10
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10162839	EPA7470	7439-97-6	11/24/10
TOC	24.5	mg/L	1.00	1.00	2.00	10162996	SM5310 B	E701250	11/26/10
Aluminum	0.0322	mg/L	1.00	0.0100	0.0200	10163027	EPA6020	7429-90-5	11/24/10
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10163027	EPA6020	7440-36-0	11/24/10
Arsenic	0.00179 I	mg/L	1.00	0.00100	0.00200	10163027	EPA6020	7440-38-2	11/24/10
Barium	0.00691	mg/L	1.00	0.00200	0.00400	10163027	EPA6020	7440-39-3	11/24/10



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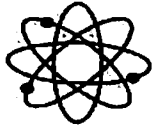
E83018 (Main Lab)
E86562 (South Lab)
E82405 (North Lab)
E35834 (Keys Lab)

PBS&J
482 South Keller Rd
Orlando, FL 32810

PO #: 40612
Client Project #: Hardee Co. Regional Landfill
Date Sampled: Nov 22, 2010
Dec 7, 2010; Invoice: 137730

Lab #: 137730SW1 Sampled: 11/22/10 11:00 AM Desc: 21062/SW-2

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00100	10163027	EPA6020	7440-41-7	11/24/10
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10163027	EPA6020	7440-43-9	11/24/10
Chromium	0.00100 U	mg/L	1.00	0.00100	0.00200	10163027	EPA6020	7440-47-3	11/24/10
Cobalt	0.00100 U	mg/L	1.00	0.00100	0.00200	10163027	EPA6020	7440-48-4	11/24/10
Copper	0.00100 U	mg/L	1.00	0.00100	0.00200	10163027	EPA6020	7440-50-8	11/24/10
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10163027	EPA6020	7439-92-1	11/24/10
Nickel	0.00324	mg/L	1.00	0.00100	0.00200	10163027	EPA6020	7440-02-0	11/24/10
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10163027	EPA6020	7782-49-2	11/24/10
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10163027	EPA6020	7440-22-4	11/24/10
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10163027	EPA6020	7440-28-0	11/24/10
Vanadium	0.00155 I	mg/L	1.00	0.00100	0.00200	10163027	EPA6020	7440-62-2	11/24/10
Zinc	0.0100 U	mg/L	1.00	0.0100	0.0200	10163027	EPA6020	7440-66-6	11/24/10
Chlorophyll a	1.07 I	mg/m3	1.00	1.00	2.00	10163051	SM10200 H	479-61-8	11/24/10
BOD5day	2.00 U	mg/L	1.00	2.00	2.00	10163091	SM5210 B	E1640606	11/24/10 08:00 AM
Iron	0.169	mg/L	1.00	0.0100	0.0200	10163135	EPA6010	7439-89-6	11/29/10
Total Hardness (as CaCO3)	149	mg/L	1.00	0.100	0.200	10163136	SM2340 B	40-11-9	11/29/10
TDS	272	mg/L	1.00	2.50	5.00	10163171	SM2540 C	10-33-3	11/24/10
Chemical Oxygen Demand	130	mg/L	1.00	20.0	40.0	10163273	EPA410.4	C-004	12/01/10
Unionized NH3(as N)	0.000100 U	mg/L	1.00	0.000100	0.000200	10163278	FDEP DEP-SOF		12/01/10
Field pH (units)	7.27	pH	1.00	0.0100	0.0200	10163443	FT1100	C006	11/22/10
Field Conductivity	409	umhos/cm	1.00	0.100	0.100	10163443	FT1200		11/22/10
Field Temp. (C)	23.2	oC	1.00	0.100	0.100	10163443	FT1400		11/22/10
Field DO	3.86	mg/L	1.00	0.100	0.100	10163443	FT1500		11/22/10
Field Turbidity	2.40	NTU	1.00	0.100	0.100	10163443	FT1600		11/22/10
Total Phosphorous(as P)	0.686	mg/L	1.00	0.0400	0.0800	10163452	EPA365.4	7723-14-0	12/03/10
TKN(as N)	0.965	mg/L	1.00	0.200	0.400	10163454	EPA351.2	7727-37-9	12/03/10
Nitrate(as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10163466	EPA353.2	14797-55-8	11/23/10 10:56 AM
Nitrite(as N)	0.0200 U	mg/L	1.00	0.0200	0.0400	10163466	EPA353.2	14797-65-0	11/23/10 10:56 AM
Sulfate	2840	mg/L	20.0	100	200	10163585	EPA375.2	14808-79-8	12/06/10



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E83018 (Main Lab)
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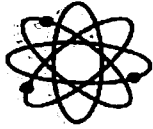
PO #: 40612
Client Project #: Hardee Co. Regional Landfill
Date Sampled: Nov 22, 2010
Dec 7, 2010; Invoice: 137730

Lab #: 137730SW1 Sampled: 11/22/10 11:00 AM Desc: 21062/SW-2

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	10163628	EPA8011	096-18-4	11/24/10
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10163628	EPA8011	106-93-4	11/24/10
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10163628	EPA8011	96-12-8	11/24/10
Phenolics	0.546	mg/L	1.00	0.00500	0.0100	10163636	EPA420.1	E749630	12/07/10

Lab #: 137730SW2 Sampled: 11/22/10 12:00 AM Desc: Trip Blank

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	630-20-6	11/22/10
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	71-55-6	11/22/10
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10162833	EPA8260	79-34-5	11/22/10
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	79-00-5	11/22/10
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	75-34-3	11/22/10
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	75-35-4	11/22/10
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	107-06-2	11/22/10
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10162833	EPA8260	78-87-5	11/22/10
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	78-93-3	11/22/10
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	591-78-6	11/22/10
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10162833	EPA8260	67-64-1	11/22/10
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10162833	EPA8260	107-13-1	11/22/10
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	71-43-2	11/22/10
Bromochloromethane	0.100 U	ug/L	1.00	0.100	1.00	10162833	EPA8260	074-97-5	11/22/10
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10162833	EPA8260	75-27-4	11/22/10
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	75-25-2	11/22/10
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	74-83-9	11/22/10
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10162833	EPA8260	75-15-0	11/22/10
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	56-23-5	11/22/10
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	108-90-7	11/22/10
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	75-00-3	11/22/10
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	67-66-3	11/22/10



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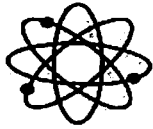
E83018 (Main Lab)
E86562 (South Lab)
E82405 (North Lab)
E35834 (Keys Lab)

PBS&J
482 South Keller Rd
Orlando, FL 32810

PO #: 40612
Client Project #: Hardee Co. Regional Landfill
Date Sampled: Nov 22, 2010
Dec 7, 2010; Invoice: 137730

Lab #: 137730SW2 Sampled: 11/22/10 12:00 AM Desc: Trip Blank

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	74-87-3	11/22/10
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10162833	EPA8260	124-48-1	11/22/10
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	074-95-3	11/22/10
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	100-41-4	11/22/10
Methyl iodide	1.00 U	ug/L	1.00	1.00	2.00	10162833	EPA8260	074-88-4	11/22/10
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10162833	EPA8260	108-10-1	11/22/10
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10162833	EPA8260	75-09-2	11/22/10
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	106-46-7	11/22/10
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	100-42-5	11/22/10
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	127-18-4	11/22/10
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	108-88-3	11/22/10
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	79-01-6	11/22/10
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	75-69-4	11/22/10
Vinyl Acetate	5.00 U	ug/L	1.00	5.00	10.0	10162833	EPA8260	108-05-4	11/22/10
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	75-01-4	11/22/10
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10162833	EPA8260	1330-20-7	11/22/10
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10162833	EPA8260	156-59-2	11/22/10
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	10061-01-5	11/22/10
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	95-50-1	11/22/10
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	156-60-5	11/22/10
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10162833	EPA8260	10061-02-6	11/22/10
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10162833	EPA8260	110-57-6	11/22/10
Surr:1,2-Dichloroethane-d4 (85-128%)	121.57%		1.00	0.0100	0.0100	10162833	EPA8260		11/22/10
Surr:Bromofluorobenzene (84-123%)	96.97%		1.00	1.00	1.00	10162833	EPA8260	460-00-4	11/22/10
Surr:Toluene-d8 (92-107%)	98.03%		1.00	0.0100	0.0100	10162833	EPA8260		11/22/10



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482 South Keller Rd
Orlando, FL 32810

PO #: 40612
Client Project #: Hardee Co. Regional Landfill
Date Sampled: Nov 22, 2010
Dec 7, 2010; Invoice: 137730

Quality Report

Quality Control Batch: 10162778

Blank	Result	Units
TSS	1.00U	mg/L

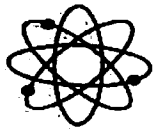
Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim
TSS	82.0	mg/L	84.0	97.62	80.00-120.00

Quality Control Batch: 10162780

Blank	Result	Units
Fecal Coliform	1.00U	cfu/100mL

Quality Control Batch: 10162833

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



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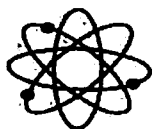
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PO #: 40612
Client Project #: Hardee Co. Regional Landfill
Date Sampled: Nov 22, 2010
Dec 7, 2010; Invoice: 137730

Quality Control Batch: 10162833

Blank	Result	Units
cis-1,3-Dichloropropene	0.500U	ug/L
Dibromochloromethane	0.400U	ug/L
Dibromomethane	0.500U	ug/L
Ethylbenzene	0.500U	ug/L
Methyl Iodide	1.00U	ug/L
Methyl isobutyl ketone	1.00U	ug/L
Methylene chloride	1.00U	ug/L
o-dichlorobenzene	0.500U	ug/L
Para-dichlorobenzene	0.500U	ug/L
Styrene	0.500U	ug/L
Tetrachloroethene	0.500U	ug/L
Toluene	0.500U	ug/L
trans-1,2-dichloroethene	0.500U	ug/L
trans-1,3,-Dichloropropene	0.500U	ug/L
trans-1,4-dichloro-2-butene	1.00U	ug/L
Trichloroethene	0.500U	ug/L
Trichlorofluoromethane	0.500U	ug/L
Vinyl Acetate	5.00U	ug/L
Vinyl chloride	0.500U	ug/L
Xylenes	1.00U	ug/L
1,1,1,2-Tetrachloroethane	0.500U	ug/L
1,1,1-Trichloroethane	0.500U	ug/L
1,1,2,2-Tetrachloroethane	0.100U	ug/L
1,1,2-Trichloroethane	0.500U	ug/L
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



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E86562 (South Lab)
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PBS&J
482 South Keller Rd
Orlando, FL 32810

PO #: 40612
Client Project #: Hardee Co. Regional Landfill
Date Sampled: Nov 22, 2010
Dec 7, 2010; Invoice: 137730

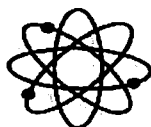
Quality Control Batch: 10162833

Analyst: CLS

Blank	Result	Units
2-Hexanone	0.500U	ug/L
Surr:Bromofluorobenzene	29.0	ug/L
Surr:Toluene-d8	29.2	ug/L
Surr:1,2-Dichloroethane-d4	30.3	ug/L

Laboratory Control Sample

Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim
Acetone	12.3	ug/L	10.0	122.80	37.64-172.70
Acrylonitrile	10.7	ug/L	10.0	106.70	39.47-149.46
Benzene	10.1	ug/L	10.0	100.50	75.24-125.65
Bromochloromethane	10.5	ug/L	10.0	104.60	71.67-126.15
Bromodichloromethane	9.39	ug/L	10.0	93.90	74.61-125.27
Bromoform	9.20	ug/L	10.0	92.00	66.51-125.59
Bromomethane	10.2	ug/L	10.0	102.30	57.28-153.27
Carbon Disulfide	11.7	ug/L	10.0	117.20	81.01-141.09
Carbon Tetrachloride	10.5	ug/L	10.0	105.20	68.14-132.66
Chlorobenzene	10.1	ug/L	10.0	101.20	77.69-119.42
Chloroethane	10.5	ug/L	10.0	105.10	63.56-150.96
Chloroform	10.3	ug/L	10.0	103.20	67.64-138.63
Chloromethane	9.05	ug/L	10.0	90.50	55.12-156.31
cis-1,2-dichloroethene	9.66	ug/L	10.0	96.60	73.06-123.88
cis-1,3-Dichloropropene	9.55	ug/L	10.0	95.50	80.68-120.98
Dibromochloromethane	9.49	ug/L	10.0	94.90	65.65-126.41
Ethylbenzene	10.4	ug/L	10.0	103.90	70.93-123.57
Methyl Iodide	11.1	ug/L	10.0	110.70	54.93-164.95
Methyl isobutyl ketone	10.4	ug/L	10.0	103.70	37.93-142.74
Methylene chloride	11.0	ug/L	10.0	110.20	16.86-166.48
o-dichlorobenzene	10.2	ug/L	10.0	102.30	52.90-132.47
Para-dichlorobenzene	10.1	ug/L	10.0	101.30	50.96-133.39
Styrene	9.62	ug/L	10.0	96.20	71.72-114.32



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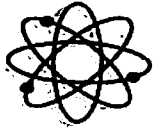
Quality Control Batch: 10162833

Laboratory Control Sample

	Result	Units	Spike	%REC	%REC Lim
Tetrachloroethene	10.4	ug/L	10.0	103.50	80.48-158.29
Toluene	10.2	ug/L	10.0	102.00	77.18-121.98
trans-1,2-dichloroethene	10.2	ug/L	10.0	101.50	68.03-139.74
trans-1,3,-Dichloropropene	9.50	ug/L	10.0	95.00	69.60-126.28
Trichloroethene	9.79	ug/L	10.0	97.90	75.98-128.22
Trichlorofluoromethane	9.40	ug/L	10.0	94.00	44.32-160.41
Vinyl chloride	9.17	ug/L	10.0	91.70	62.38-148.09
Xylenes	30.4	ug/L	30.0	101.33	73.15-120.44
1,1,1,2-Tetrachloroethane	9.99	ug/L	10.0	99.90	65.75-129.14
1,1,1-Trichloroethane	10.2	ug/L	10.0	102.20	71.54-134.27
1,1,2,2-Tetrachloroethane	10.1	ug/L	10.0	100.60	70.58-134.42
1,1,2-Trichloroethane	9.86	ug/L	10.0	98.60	78.94-122.62
1,1-Dichloroethane	10.5	ug/L	10.0	104.60	64.33-137.81
1,1-Dichloroethene	9.63	ug/L	10.0	96.30	58.65-144.80
1,2-dichloroethane	10.1	ug/L	10.0	100.70	70.20-131.56
1,2-dichloropropane	9.83	ug/L	10.0	98.30	70.79-128.96
2-Butanone (MEK)	12.3	ug/L	10.0	122.50	58.73-168.19
2-Hexanone	10.1	ug/L	10.0	101.40	61.33-136.93
Surr:Bromofluorobenzene	29.2	ug/L	30.0	97.27	84.60-123.15
Surr:Toluene-d8	30.2	ug/L	30.0	100.57	92.79-107.60
Surr:1,2-Dichloroethane-d4	29.9	ug/L	30.0	99.63	85.08-128.29

Matrix Spike

	Result	Units	Spike	%REC	%REC Lim	Sample
Acetone	21.1	ug/L	20.0	105.55	40.10-159.52	5.00U
Acrylonitrile	21.7	ug/L	20.0	108.55	46.99-145.24	0.300U
Benzene	22.2	ug/L	20.0	111.15	61.27-139.58	0.500U
Bromochloromethane	22.2	ug/L	20.0	111.15	63.83-134.84	0.100U
Bromodichloromethane	20.8	ug/L	20.0	104.10	72.16-127.31	0.100U
Bromoform	21.1	ug/L	20.0	105.45	72.62-122.79	0.500U



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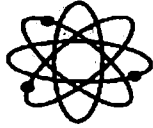
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Orlando, FL 32810

PO #: 40612
Client Project #: Hardee Co. Regional Landfill
Date Sampled: Nov 22, 2010
Dec 7, 2010; Invoice: 137730

Quality Control Batch: 10162833

Analyst: CLS

Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample
Bromomethane	24.2	ug/L	20.0	120.90	39.13-160.98	0.500U
Carbon Tetrachloride	23.1	ug/L	20.0	115.65	62.14-139.48	0.500U
Chlorobenzene	22.2	ug/L	20.0	110.75	73.37-125.85	0.500U
Chloroethane	22.0	ug/L	20.0	110.15	63.53-147.18	0.500U
Chloroform	22.7	ug/L	20.0	113.65	57.73-145.87	0.500U
Chloromethane	22.1	ug/L	20.0	110.70	53.83-155.48	0.500U
cis-1,2-dichloroethene	21.0	ug/L	20.0	104.90	67.74-134.67	0.200U
cis-1,3-Dichloropropene	21.3	ug/L	20.0	106.50	72.35-130.46	0.500U
Dibromochloromethane	21.7	ug/L	20.0	108.25	69.54-125.33	0.400U
Ethylbenzene	22.1	ug/L	20.0	110.55	68.03-130.86	0.500U
Methyl Iodide	27.6	ug/L	20.0	137.75	44.68-170.45	1.00U
Methyl isobutyl ketone	21.9	ug/L	20.0	109.70	45.04-143.51	1.00U
Methylene chloride	21.2	ug/L	20.0	106.15	29.60-161.21	1.00U
o-dichlorobenzene	22.3	ug/L	20.0	111.55	66.77-127.02	0.500U
Para-dichlorobenzene	21.7	ug/L	20.0	108.40	65.38-125.99	0.500U
Styrene	20.8	ug/L	20.0	103.95	70.76-118.37	0.500U
Tetrachloroethene	22.4	ug/L	20.0	112.10	67.64-171.93	0.500U
Toluene	22.1	ug/L	20.0	110.40	65.14-135.51	0.500U
trans-1,2-dichloroethene	21.9	ug/L	20.0	109.50	68.02-136.55	0.500U
trans-1,3,-Dichloropropene	20.8	ug/L	20.0	104.10	70.04-129.81	0.500U
Trichloroethene	21.6	ug/L	20.0	107.75	71.89-132.31	0.500U
Trichlorofluoromethane	21.0	ug/L	20.0	104.85	44.48-169.12	0.500U
Vinyl chloride	21.6	ug/L	20.0	108.15	58.87-147.20	0.500U
Xylenes	66.1	ug/L	60.0	110.10	60.84-135.66	1.00U
1,1,1,2-Tetrachloroethane	21.7	ug/L	20.0	108.50	62.33-135.40	0.500U
1,1,1-Trichloroethane	22.9	ug/L	20.0	114.30	65.25-139.87	0.500U
1,1,2,2-Tetrachloroethane	21.3	ug/L	20.0	106.35	66.18-136.57	0.100U
1,1,2-Trichloroethane	21.6	ug/L	20.0	107.90	74.00-129.28	0.500U
1,1-Dichloroethane	22.7	ug/L	20.0	113.70	60.45-145.88	0.500U



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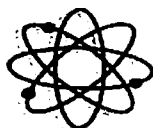
Quality Control Batch: 10162833

Matrix Spike

	Result	Units	Spike	%REC	%REC Lim	Sample
1,1-Dichloroethene	21.9	ug/L	20.0	109.70	48.95-154.90	0.500U
1,2-dichloroethane	21.9	ug/L	20.0	109.45	63.54-140.44	0.500U
1,2-dichloropropane	21.4	ug/L	20.0	106.90	69.00-134.27	0.200U
2-Butanone (MEK)	21.2	ug/L	20.0	106.05	74.66-142.29	0.500U
2-Hexanone	21.8	ug/L	20.0	109.10	59.08-147.93	0.500U
Surr:Bromofluorobenzene	29.9	ug/L	30.0	99.53	50.75-155.35	
Surr:Toluene-d8	29.5	ug/L	30.0	98.47	90.53-109.14	
Surr:1,2-Dichloroethane-d4	29.7	ug/L	30.0	99.13	82.85-121.80	

Matrix Spike Duplicate

	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Acetone	19.8	ug/L	20.0	99.00	40.10-159.52	5.00U	6.40	38.61
Acrylonitrile	20.4	ug/L	20.0	101.80	46.99-145.24	0.300U	6.42	36.26
Benzene	21.3	ug/L	20.0	106.30	61.27-139.58	0.500U	4.46	25.12
Bromochloromethane	21.0	ug/L	20.0	104.80	63.83-134.84	0.100U	5.88	26.51
Bromodichloromethane	19.9	ug/L	20.0	99.55	72.16-127.31	0.100U	4.47	25.17
Bromoform	20.0	ug/L	20.0	99.75	72.62-122.79	0.500U	5.56	29.13
Bromomethane	23.7	ug/L	20.0	118.30	39.13-160.98	0.500U	2.17	28.42
Carbon Tetrachloride	21.9	ug/L	20.0	109.25	62.14-139.48	0.500U	5.69	27.85
Chlorobenzene	20.9	ug/L	20.0	104.70	73.37-125.85	0.500U	5.62	27.33
Chloroethane	21.0	ug/L	20.0	104.90	63.53-147.18	0.500U	4.88	35.69
Chloroform	21.6	ug/L	20.0	107.85	57.73-145.87	0.500U	5.24	28.80
Chloromethane	20.4	ug/L	20.0	102.10	53.83-155.48	0.500U	8.08	29.46
cis-1,2-dichloroethene	20.0	ug/L	20.0	99.90	67.74-134.67	0.200U	4.88	28.79
cis-1,3-Dichloropropene	20.3	ug/L	20.0	101.30	72.35-130.46	0.500U	5.00	25.83
Dibromochloromethane	20.3	ug/L	20.0	101.35	69.54-125.33	0.400U	6.58	28.11
Ethylbenzene	21.4	ug/L	20.0	107.10	68.03-130.86	0.500U	3.17	25.52
Methyl iodide	24.4	ug/L	20.0	122.05	44.68-170.45	1.00U	12.09	27.56
Methyl isobutyl ketone	19.9	ug/L	20.0	99.70	45.04-143.51	1.00U	9.55	22.66
Methylene chloride	20.3	ug/L	20.0	101.45	29.60-161.21	1.00U	4.53	33.74



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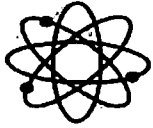
Analyst: CLS

Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
o-dichlorobenzene	21.0	ug/L	20.0	105.15	66.77-127.02	0.500U	5.91	28.62
Para-dichlorobenzene	20.6	ug/L	20.0	102.95	65.38-125.99	0.500U	5.16	27.08
Styrene	20.1	ug/L	20.0	100.65	70.76-118.37	0.500U	3.23	28.56
Tetrachloroethene	21.4	ug/L	20.0	107.20	67.64-171.93	0.500U	4.47	32.62
Toluene	20.3	ug/L	20.0	101.70	65.14-135.51	0.500U	8.20	23.01
trans-1,2-dichloroethene	20.8	ug/L	20.0	104.10	68.02-136.55	0.500U	5.06	29.38
trans-1,3,-Dichloropropene	20.1	ug/L	20.0	100.25	70.04-129.81	0.500U	3.77	30.36
Trichloroethene	20.7	ug/L	20.0	103.50	71.89-132.31	0.500U	4.02	25.29
Trichlorofluoromethane	19.7	ug/L	20.0	98.55	44.48-169.12	0.500U	6.19	34.97
Vinyl chloride	20.4	ug/L	20.0	101.75	58.87-147.20	0.500U	6.10	27.28
Xylenes	63.6	ug/L	60.0	106.07	60.84-135.66	1.00U	3.73	24.37
1,1,1,2-Tetrachloroethane	20.6	ug/L	20.0	103.20	62.33-135.40	0.500U	5.01	29.26
1,1,1-Trichloroethane	22.0	ug/L	20.0	109.90	65.25-139.87	0.500U	3.93	28.50
1,1,2,2-Tetrachloroethane	20.3	ug/L	20.0	101.25	66.18-136.57	0.100U	4.91	30.72
1,1,2-Trichloroethane	20.2	ug/L	20.0	101.00	74.00-129.28	0.500U	6.61	27.63
1,1-Dichloroethane	21.8	ug/L	20.0	108.90	60.45-145.88	0.500U	4.31	28.39
1,1-Dichloroethene	20.7	ug/L	20.0	103.30	48.95-154.90	0.500U	6.01	29.91
1,2-dichloroethane	20.4	ug/L	20.0	101.90	63.54-140.44	0.500U	7.14	26.67
1,2-dichloropropane	20.4	ug/L	20.0	101.80	69.00-134.27	0.200U	4.89	28.05
2-Butanone (MEK)	19.7	ug/L	20.0	98.45	74.66-142.29	0.500U	7.43	44.82
2-Hexanone	20.4	ug/L	20.0	102.00	59.08-147.93	0.500U	6.73	36.47
Surr:Bromofluorobenzene	29.4	ug/L	30.0	97.93	50.75-155.35		1.62	19.49
Surr:Toluene-d8	29.8	ug/L	30.0	99.23	90.53-109.14		0.78	8.07
Surr:1,2-Dichloroethane-d4	29.7	ug/L	30.0	99.03	82.85-121.80		0.10	9.34

Quality Control Batch: 10162839

Analyst: EVB

Blank	Result	Units
Mercury	0.0000200U	mg/L



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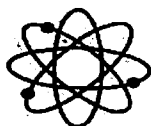
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Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim			
Mercury	0.00296	mg/L	0.00300	98.67	91.59-113.24			
Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample		
Mercury	0.00301	mg/L	0.00300	100.27	84.79-120.82	0.0000200U		
Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Mercury	0.00306	mg/L	0.00300	102.00	84.79-120.82	0.0000200U	1.71	7.61
Quality Control Batch: 10162996	Analyst: PCW							
Blank	Result	Units						
TOC	1.00U	mg/L						
Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim			
TOC	20.0	mg/L	20.0	100.24	80.00-120.00			
Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample		
TOC	9.81	mg/L	10.0	98.15	82.88-112.34	1.00U		
Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
TOC	9.31	mg/L	10.0	93.09	82.88-112.34	1.00U	5.29	20.00
Quality Control Batch: 10163027	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						



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E82405 (North Lab)
E35834 (Keys Lab)

PBS&J
482 South Keller Rd
Orlando, FL 32810

PO #: 40612
Client Project #: Hardee Co. Regional Landfill
Date Sampled: Nov 22, 2010
Dec 7, 2010; Invoice: 137730

Quality Control Batch: 10163027

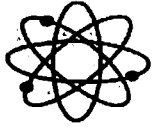
Blank	Result	Units
Cobalt	0.00100U	mg/L
Copper	0.00100U	mg/L
Lead	0.00100U	mg/L
Nickel	0.00100U	mg/L
Selenium	0.00200U	mg/L
Silver	0.000500U	mg/L
Thallium	0.00100U	mg/L
Vanadium	0.00100U	mg/L
Zinc	0.0100U	mg/L

Analyst: EVB

Laboratory Control Sample

	Result	Units	Spike	%REC	%REC Lim
Aluminum	0.188	mg/L	0.200	93.94	82.49-117.14
Antimony	0.195	mg/L	0.200	97.50	78.21-121.23
Arsenic	0.178	mg/L	0.200	89.03	77.97-118.12
Barium	0.194	mg/L	0.200	97.25	87.71-124.03
Beryllium	0.193	mg/L	0.200	96.30	86.54-129.99
Cadmium	0.182	mg/L	0.200	91.13	80.28-119.66
Chromium	0.184	mg/L	0.200	92.07	79.68-122.67
Cobalt	0.178	mg/L	0.200	88.88	75.47-125.43
Copper	0.184	mg/L	0.200	91.76	75.93-125.03
Lead	0.192	mg/L	0.200	96.08	84.18-120.50
Nickel	0.184	mg/L	0.200	91.93	77.04-123.91
Selenium	0.187	mg/L	0.200	93.44	73.74-123.68
Silver	0.198	mg/L	0.200	99.16	78.31-122.44
Thallium	0.191	mg/L	0.200	95.65	82.56-123.13
Vanadium	0.184	mg/L	0.200	91.90	75.43-127.05
Zinc	0.198	mg/L	0.200	98.75	75.55-123.30

Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample
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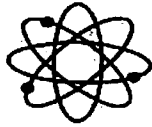
Analyst: EVB

Matrix Spike

	Result	Units	Spike	%REC	%REC Lim	Sample
Aluminum	0.198	mg/L	0.200	82.92	41.22-163.00	0.0322
Antimony	0.162	mg/L	0.200	81.21	72.18-142.01	0.00200U
Arsenic	0.151	mg/L	0.200	74.83	76.02-142.56	0.00179
Barium	0.172	mg/L	0.200	82.56	67.36-158.64	0.00691
Beryllium	0.151	mg/L	0.200	75.26	91.18-152.89	0.000500U
Cadmium	0.155	mg/L	0.200	77.59	77.92-136.42	0.00100U
Chromium	0.165	mg/L	0.200	82.66	72.27-142.06	0.00100U
Cobalt	0.153	mg/L	0.200	76.66	69.22-139.08	0.00100U
Copper	0.151	mg/L	0.200	75.39	49.37-149.77	0.00100U
Lead	0.155	mg/L	0.200	77.61	65.56-145.73	0.00100U
Nickel	0.150	mg/L	0.200	73.46	65.47-134.19	0.00324
Selenium	0.134	mg/L	0.200	67.03	57.06-150.58	0.00200U
Silver	0.157	mg/L	0.200	78.40	49.80-146.63	0.000500U
Thallium	0.155	mg/L	0.200	77.32	62.20-153.09	0.00100U
Vanadium	0.171	mg/L	0.200	84.60	71.20-143.90	0.00155
Zinc	0.131	mg/L	0.200	65.42	40.77-155.82	0.0100U

Matrix Spike Duplicate

	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Aluminum	0.198	mg/L	0.200	82.70	41.22-163.00	0.0322	0.22	40.04
Antimony	0.163	mg/L	0.200	81.44	72.18-142.01	0.00200U	0.28	26.68
Arsenic	0.146	mg/L	0.200	72.08	76.02-142.56	0.00179	3.71	22.42
Barium	0.172	mg/L	0.200	82.39	67.36-158.64	0.00691	0.19	35.38
Beryllium	0.149	mg/L	0.200	74.59	91.18-152.89	0.000500U	0.89	24.78
Cadmium	0.157	mg/L	0.200	78.46	77.92-136.42	0.00100U	1.11	21.10
Chromium	0.168	mg/L	0.200	83.99	72.27-142.06	0.00100U	1.59	21.22
Cobalt	0.158	mg/L	0.200	78.84	69.22-139.08	0.00100U	2.80	28.10
Copper	0.156	mg/L	0.200	78.13	49.37-149.77	0.00100U	3.57	28.99
Lead	0.159	mg/L	0.200	79.32	65.56-145.73	0.00100U	2.17	26.53
Nickel	0.154	mg/L	0.200	75.31	65.47-134.19	0.00324	2.43	30.10



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Dec 7, 2010; Invoice: 137730

Quality Control Batch: 10163027

Matrix Spike Duplicate

	Analyst: EVB	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Selenium		0.137	mg/L	0.200	68.37	57.06-150.58	0.00200U	1.99	25.49
Silver		0.174	mg/L	0.200	87.12	49.80-146.63	0.000500U	10.54	37.01
Thallium		0.155	mg/L	0.200	77.26	62.20-153.09	0.00100U	0.08	24.80
Vanadium		0.166	mg/L	0.200	82.38	71.20-143.90	0.00155	2.63	28.47
Zinc		0.136	mg/L	0.200	68.03	40.77-155.82	0.0100U	3.92	28.40

Quality Control Batch: 10163051

Blank

	Analyst: TRB	Result	Units
Chlorophyll a		1.00U	mg/m3

Quality Control Batch: 10163091

Blank

	Analyst: CCP	Result	Units
BOD5day		2.00U	mg/L

Laboratory Control Sample

	Result	Units	Spike	%REC	%REC Lim
BOD5day	157	mg/L	198	79.44	73.74-121.48

Quality Control Batch: 10163135

Blank

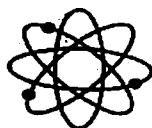
	Analyst: EVB	Result	Units
Iron		0.0100U	mg/L

Laboratory Control Sample

	Result	Units	Spike	%REC	%REC Lim
Iron	4.74	mg/L	5.00	94.85	81.37-118.36

Matrix Spike

	Result	Units	Spike	%REC	%REC Lim	Sample
Iron	4.99	mg/L	5.00	96.77	60.57-140.09	0.152



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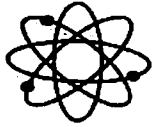
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	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Matrix Spike Duplicate Iron	4.89	mg/L	5.00	94.74	60.57-140.09	0.152	2.06	16.99
Quality Control Batch: 10163136 Blank Total Hardness (as CaCO3)	0.100U	mg/L						
Analyst: EVB								
Laboratory Control Sample Total Hardness (as CaCO3)	30.9	mg/L	33.1	93.49	85.06-113.17			
Quality Control Batch: 10163171 Blank TDS	2.50U	mg/L						
Analyst: PLB								
Laboratory Control Sample TDS	1490	mg/L	1500	99.60	91.15-105.70			
Quality Control Batch: 10163273 Blank Chemical Oxygen Demand	20.0U	mg/L						
Analyst: CTH								
Laboratory Control Sample Chemical Oxygen Demand	113	mg/L	100	113.21	81.47-117.86			
Matrix Spike Chemical Oxygen Demand	234	mg/L	200	82.59	49.93-147.31	68.6		
Matrix Spike Duplicate Chemical Oxygen Demand	248	mg/L	200	89.55	49.93-147.31	68.6	5.78	31.27



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Quality Control Batch: 10163278

Blank
Unionized NH3(as N)

Analyst: PCW
Result **Units**
0.000100U mg/L

Quality Control Batch: 10163452

Blank
Total Phosphorous(as P)

Analyst: VLB
Result **Units**
0.0400U mg/L

Laboratory Control Sample
Total Phosphorous(as P)

Result **Units** **Spike** **%REC** **%REC Lim**
0.966 mg/L 1.00 96.57 84.24-112.72

Matrix Spike
Total Phosphorous(as P)

Result **Units** **Spike** **%REC** **%REC Lim** **Sample**
1.64 mg/L 1.50 102.83 79.95-119.28 0.0936

Quality Control Batch: 10163454

Blank
TKN(as N)

Analyst: VLB
Result **Units**
0.200U mg/L

Laboratory Control Sample
TKN(as N)

Result **Units** **Spike** **%REC** **%REC Lim**
1.54 mg/L 1.55 99.45 81.58-112.16

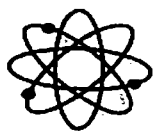
Matrix Spike
TKN(as N)

Result **Units** **Spike** **%REC** **%REC Lim** **Sample**
2.84 mg/L 2.33 94.42 66.46-127.47 0.636

Quality Control Batch: 10163466

Blank
Nitrate(as N)

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



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Quality Control Batch: 10163466

Blank
Nitrite(as N) **Analyst: PCW**
Result Units
0.0200U mg/L

Laboratory Control Sample
Nitrite(as N) **Result** **Units** **Spike** **%REC** **%REC Lim**
1.08 mg/L 1.00 108.00 80.00-120.00

Matrix Spike
Nitrite(as N) **Result** **Units** **Spike** **%REC** **%REC Lim** **Sample**
4.11 mg/L 4.00 101.59 80.00-120.00 0.0466

Matrix Spike Duplicate
Nitrite(as N) **Result** **Units** **Spike** **%REC** **%REC Lim** **Sample** **RPD** **RPD Lim**
4.13 mg/L 4.00 102.09 80.00-120.00 0.0466 0.49 20.00

Quality Control Batch: 10163585

Blank
Sulfate **Analyst: PCW**
Result Units
5.00U mg/L

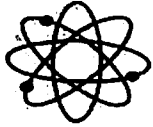
Laboratory Control Sample
Sulfate **Result** **Units** **Spike** **%REC** **%REC Lim**
60.7 mg/L 60.0 101.17 80.00-120.00

Matrix Spike
Sulfate **Result** **Units** **Spike** **%REC** **%REC Lim** **Sample**
52.1 mg/L 50.0 109.42 80.00-120.00 -2.61

Matrix Spike Duplicate
Sulfate **Result** **Units** **Spike** **%REC** **%REC Lim** **Sample** **RPD** **RPD Lim**
52.4 mg/L 50.0 110.02 80.00-120.00 -2.61 0.57 20.00

Quality Control Batch: 10163628

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



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Laboratory Control Sample

	Result	Units	Spike	%REC	%REC Lim
1,2,3-Trichloropropane	0.964	ug/L	0.750	128.47	80.00-120.00
1,2-Dibromoethane (EDB)	0.765	ug/L	0.750	101.97	80.00-120.00
1,2-dibromo-3-chloropropane	0.752	ug/L	0.750	100.32	80.00-120.00

Matrix Spike

	Result	Units	Spike	%REC	%REC Lim	Sample
1,2,3-Trichloropropane	0.801	ug/L	0.750	106.81	80.00-120.00	0.0200U
1,2-Dibromoethane (EDB)	0.740	ug/L	0.750	98.72	80.00-120.00	0.0100U
1,2-dibromo-3-chloropropane	0.731	ug/L	0.750	97.52	80.00-120.00	0.0200U

Matrix Spike Duplicate

	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
1,2,3-Trichloropropane	0.788	ug/L	0.750	105.02	80.00-120.00	0.0200U	1.69	20.00
1,2-Dibromoethane (EDB)	0.734	ug/L	0.750	97.82	80.00-120.00	0.0100U	0.91	20.00
1,2-dibromo-3-chloropropane	0.690	ug/L	0.750	92.05	80.00-120.00	0.0200U	5.78	20.00

Quality Control Batch: 10163636

Blank

	Result	Units
Phenolics	0.00559	mg/L

Laboratory Control Sample

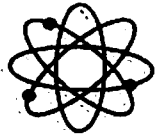
	Result	Units	Spike	%REC	%REC Lim
Phenolics	0.105	mg/L	0.100	105.00	70.16-129.24

Matrix Spike

	Result	Units	Spike	%REC	%REC Lim	Sample
Phenolics	0.0978	mg/L	0.100	93.36	55.65-135.15	0.00444

Matrix Spike Duplicate

	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Phenolics	0.0958	mg/L	0.100	91.36	55.65-135.15	0.00444	2.07	32.89



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Narrative Report

Sample Handling

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

Quality Control

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

Attachments

Chain of Custody
Field Data

Qualifier	Meaning
U	Compound was analyzed for but not detected.
J	One or more QC samples associated with this data value exceeded QC limits.
J1	Surrogate recovery limits have been exceeded.
J2	No known quality control criteria exist for the component.
J3	Reported value failed to meet established quality control criteria for either precision or accuracy.
J4	Sample matrix interfered with the ability to make an accurate determination on the spiked sample.
Q	Sample held beyond the accepted holding time.
L	Off-scale high; reported concentration exceeds the highest standard.
V	Analyte was detected in both the sample and the associated method blank.
ZTNTC	Too numerous to count. Numeric value represents filtration volume.
A	Absent
P	Present
T	Value reported is less than the statistical method detection limit. Reported for informational purposes only.
M	Value reported is greater than the statistical method detection limit, but less than the reported MDL.
G	The greatest of the dilutions performed did not yield sufficient oxygen depletion for valid data.
S	The least of the dilutions performed did not yield sufficient oxygen residual for valid data.
O	Result is greater than (over) the specified value.
I	Reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
B	Results based upon colony plate count outside ideal range.
Y	The laboratory analysis was from an improperly preserved sample. The data may not be accurate.

Check Box That Applies To Your Location

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Client: PBS&J Project Name: Hardee County Regional Landfill P.O. #: 40612

Address: _____ Client Contact: _____ FAX: _____

Phone: _____ FCL Project Manager: _____ E-MAIL: _____

Requested Due Date: 10 Day Standard OR _____ Rush Charges May Apply

Sampled By (PRINT): _____ Pick-Up Fee: \$ _____ Vehicle Surcharge: \$ _____ Sampling Fee: \$ ✓ 71

Sampler Signature: _____ Date Sampled: _____ PRESERVATIVES: _____ ANALYSES REQUEST: _____ COMMENTS: _____

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

ITEM NO.	SAMPLE ID	DATE	TIME	MATRIX	(LAB USE ONLY) LAB NO.	NONE	H ₂ SO ₄	HNO ₃	HCl	H ₂ O ₂	ANALYSES REQUEST	COMMENTS	Total # Containers
1	21062/SW-2	11/22/10	1100	SW	137730SW1	X	X	X	X		Quickly "Landfill Surface" APP. 2200	26°C pH 6.2	1
2	Trip Blank	11/22/10	-	D.I.	137730SW2				X				
3													
4													
5	Field Data:												
6	SW 2			pH 7.27	Cond 409 µm				Temp 23.2°	D.O. 3.86 mg/L	Turb 2.40 NTU		
7									Brown tint				
8													
9													
10													

Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
							11/22/10	1300		11/22/10	1300

FINANCE CHARGES APPLIED TO PAST DUE INVOICES