

Pelz, Susan

From: Wennerberg, Jolie
Sent: Monday, January 10, 2011 3:11 PM
To: teresa.carver@hardeecounty.net; Mark@flowerslabs.com; jeff@flowerslabs.com; Pelz, Susan; Morris, John R.
Cc: Moore, Clark B.; Olayiwola, Tayo; Baker, Bryan
Subject: Fac: 40612:201011 - Hardee County Regional Landfill
Attachments: 40612_201011_swlidd.zip

Hello,

An EDD submitted for Hardee County Regional Landfill (WACS ID: 40612) with a sampling date: 201011, was submitted with multiple Error 14's – "Missing Record(s)," with the comment "Not Required by Method."

fsubFloridaErrorLog

RecordID	Type	Field	Error Description	Lab Comments
	0014	Missing record(s)	No Lab Duplicate results (where QCType = DUP) are reported for method EPA 351.2 and matrix equivalent to Water in MethodBatchID A351.2B1377301.	Not Required by Method

These records are required, or you must provide LCS RPD data. Please see attached EDD for reference, and correct all errors.

If you have any questions, please feel free to contact me.

Thank you,

Jolie Wennerberg

Florida Department of Environmental Protection
Bureau of Solid & Hazardous Waste
2600 Blair Stone Rd., Room 358B
Tallahassee, FL 32399-2400
Phone: (850) 245-8752 Ext. 58752

The Department of Environmental Protection values your feedback as a customer. DEP Secretary Mimi Drew is committed to continuously assessing and improving the level and quality of services provided to you. Please take a few minutes to comment on the quality of service you received. Simply click on [this link to the DEP Customer Survey](#). Thank you in advance for completing the survey.

Pelz, Susan

From: Mudd, P. Greg [PGMudd@pbsj.com]
Sent: Tuesday, January 04, 2011 8:48 AM
To: Pelz, Susan
Cc: Moore, Clark B.; Teresa Carver
Subject: RE: Hardee Co water quality monitoring
Attachments: ATT00003.htm; 40612_201011_swfdd.csv; 40612_201011_swldd.txt; 40612_201011_swldd_ErrorLog.txt; ATT00001.htm; ATT00002.htm

Susan

Attached are the Adapt files that your requested. Please get back in touch if you need additional information. Thank you.

Greg Mudd
PBS&J
407.806.4339

From: Pelz, Susan [<mailto:Susan.Pelz@dep.state.fl.us>]
Sent: Monday, January 03, 2011 9:51 AM
To: Teresa Carver
Cc: Mudd, P. Greg; Morris, John R.; Moore, Clark B.
Subject: Hardee Co water quality monitoring

Teresa,

I received 2 paper copies of the 2nd half 2010 sampling results for the Hardee Co LF. It does not appear that the electronic Adapt files (or CDs) were provided. Please provide the electronic files via email or CD ASAP to our office, and also provide a copy of the electronic files to Clark Moore in Tallahassee clark.b.moore@dep.state.fl.us.

Thanks,

If you have any questions, please call or email (email is better).

Susan J. Pelz, P.E.
Solid Waste Program Manager
Southwest District

13051 N. Telecom Parkway
Temple Terrace, Fl. 33637
813-632-7600 x 386
susan.pelz@dep.state.fl.us

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Pelz, Susan

From: Olayiwola, Tayo
Sent: Tuesday, January 04, 2011 12:57 PM
To: Pelz, Susan; Moore, Clark B.; Martin, Lee
Cc: Ray, Steve
Subject: RE: Hardee Co water quality monitoring

Groundwater Monitoring Report is the pdf format of historical background where detail information about the facility is stated, showing the contour map, Groundwater Sampling Logs, Laboratory analysis, chain of custody etc.

Tayo Olayiwola
Environmental specialist
Florida Dept. of Environmental Protection
2600 Blair Stone Rd
Mail Station # 4565
Tel: 850-245-8746
Fax: 850-245-8803

From: Pelz, Susan
Sent: Tuesday, January 04, 2011 12:42 PM
To: Olayiwola, Tayo; Moore, Clark B.; Martin, Lee
Cc: Ray, Steve
Subject: RE: Hardee Co water quality monitoring

I don't know what you mean "Groundwater Monitoring Report" is still missing... is a form? Looks like they had a lab EDD, field EDD & error log file.... Are you looking for a pdf of the paper report?

If you have any questions, please call or email (email is better).

Susan J. Pelz, P.E.
Solid Waste Program Manager
Southwest District

13051 N. Telecom Parkway
Temple Terrace, Fl. 33637
813-632-7600 x 386
susan.pelz@dep.state.fl.us

From: Olayiwola, Tayo
Sent: Tuesday, January 04, 2011 11:46 AM
To: Moore, Clark B.; Martin, Lee; PGMudd@pbsj.com
Cc: Ray, Steve; Pelz, Susan
Subject: RE: Hardee Co water quality monitoring

This is to remind you all that, Groundwater Monitoring Report is still missing for this ADaPT file.

Tayo Olayiwola
Environmental specialist

Florida Dept. of Environmental Protection
2600 Blair Stone Rd
Mail Station # 4565
Tel: 850-245-8746
Fax: 850-245-8803

From: Moore, Clark B.
Sent: Tuesday, January 04, 2011 8:58 AM
To: Olayiwola, Tayo; Martin, Lee
Cc: Ray, Steve
Subject: FW: Hardee Co water quality monitoring

Tayo,

The usual please.

Clark Moore
Florida Department of Environmental Protection
Bureau of Solid and Hazardous Waste
MS 4565
2600 Blairstone Rd., Room 358K
Tallahassee, FL 32399-2400
Phone: (850) 245-8739 voicemail
FAX: (850) 245-8811
Clark.b.moore@dep.state.fl.us

PLEASE NOTE: Florida has a very broad public records law. Most written communications to or from state owned e-mail accounts are considered to be public records and will be made available to the public or the media upon request. Therefore, your e-mail messages may be subject to public disclosure.

From: Mudd, P. Greg [<mailto:PGMudd@pbsj.com>]
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PBS&J
407.806.4339

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Sent: Monday, January 03, 2011 9:51 AM
To: Teresa Carver
Cc: pgmudd@pbsj.com; Morris, John R.; Moore, Clark B.
Subject: Hardee Co water quality monitoring

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DEC 30 2010

Southwest District

40612

GW
SW

JULY
9/4/12

December 29, 2010

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**

ADMIT FILES REC'D via
E-MAIL 1/11/11

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, designated by the permit as piezometers along with 15 other piezometers. Please note that P-1, P-2, and P-15 were recently abandoned. The layout of the site is presented in Fig

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

CONSIDERABLE DROP IN
TURBIDITY DURING
PUMPING @ MW-11
ELEV D.O.C @ OF 8 WEEKS
ELEV TURBID @ OF 8 WEEKS
LEACHATE PIEZOMETERS
ABANDONED - CONTOUR
MAP MORE REPRESENTATIVE
OF GROUNDWATER CONDITIONS THAN
JUNE 2010 EVENT

NOV 2010
SAMPLING
EVENT

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
December 29, 2010
Page 4

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

TABLES

Table 1
Groundwater Elevation Data
Hardee County Landfill
Second Half 2010

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	5.83	82.14
MW-2	85.86	83.75	10.50	4	6.34	79.52
MW-4	87.16	84.09	18.90	2	6.53	80.63
MW-5	88.76	85.83	18.10	2	8.30	80.46
MW-8	88.98	85.80	13.50	2	9.26	79.72
MW-10R	88.56	85.49	15.12	2	8.93	79.63
MW-11	88.11	85.17	13.90	2	8.58	79.53
MW-12R	89.00	85.71	23.25	2	9.17	79.83
Piezometers						
MW-3	88.06	86.46	NA	2	7.06	81.00
MW-6	88.25	85.06	NA	2	8.79	79.46
MW-7	87.88	84.98	NA	2	8.13	79.75
P-1	90.57	86.47	NA	2	NM*	NM*
P-2	91.08	89.48	NA	2	NM*	NM*
P-7	84.47	82.41	NA	2	5.37	79.10
P-8	85.32	83.25	NA	2	6.2	79.12
P-11	88.69	86.16	NA	2	8.29	80.40
P-13	87.96	87.98	NA	2	8.28	79.68
P-14	87.31	84.05	NA	2	7.89	79.42
P-15	87.72	89.62	NA	2	NM*	NM*
P-17	88.82	85.88	NA	2	6.24	82.58
P-18	88.74	84.37	NA	2	7.25	81.49
P-19	86.73	84.14	NA	2	5.58	81.15
P-20	87.6	84.68	NA	2	6.61	80.99
P-21	86.63	83.57	NA	2	7.18	79.45
P-22	87.04	84.09	NA	2	7.23	79.81
P-23	86.45	83.71	NA	2	7.22	81.40

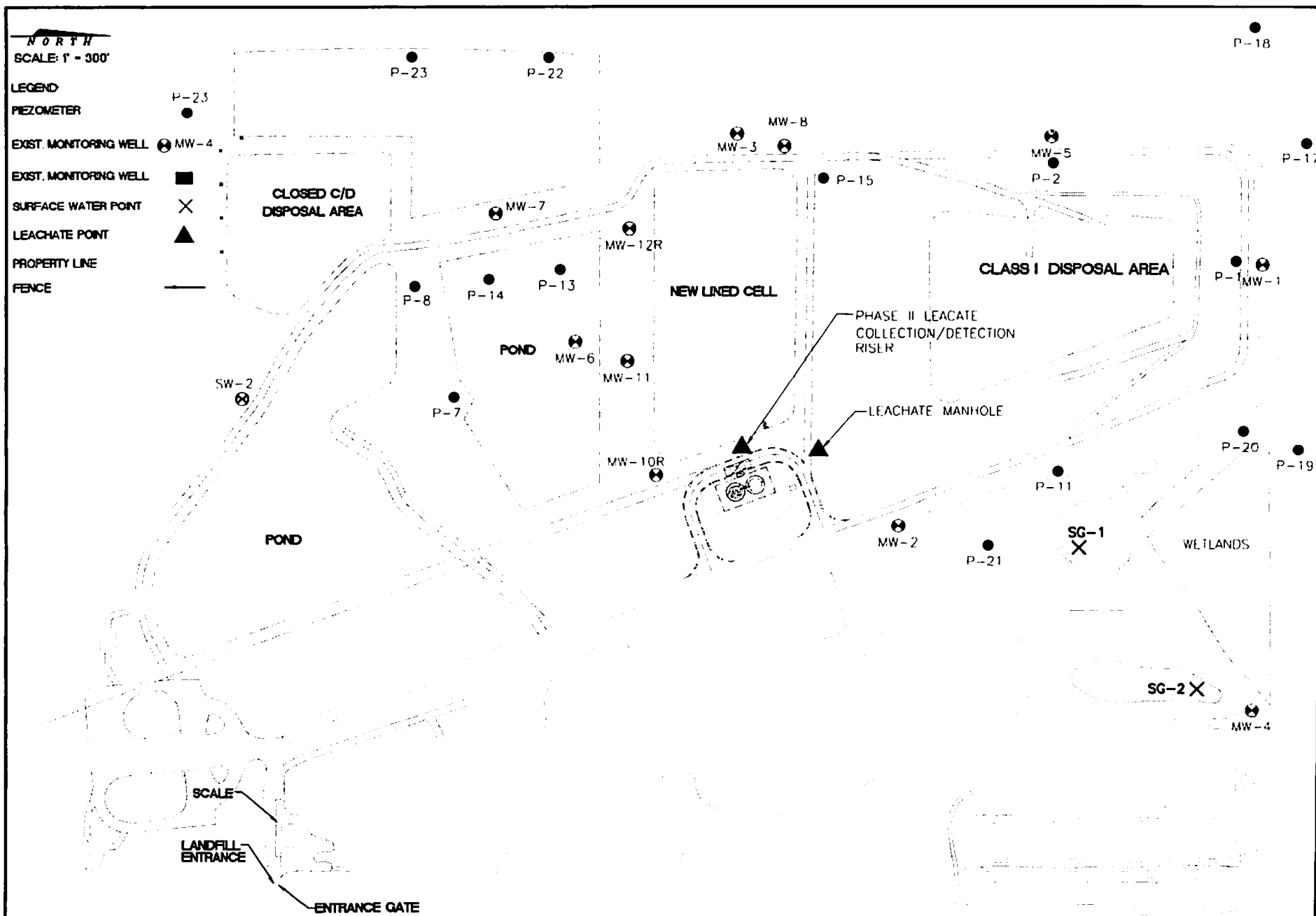
Table 2
Groundwater Analytical Summary
Hardee County Landfill
Second Half 2010

Analyte	Monitoring Well		MW-1	MW-2	MW-4	MW-5	MW-8	MW-10R	MW-11	MW-12R
	Sample Date:		11/23/2010	11/23/2010	11/23/2010	11/23/2010	11/23/2010	11/23/2010	11/23/2010	11/23/2010
	Standard ⁽¹⁾	Units								
Field Measurements										
Groundwater Elevation		ft	82.1	79.5	80.6	80.5	79.7	82	79.5	79.8
Temperature		deg C	24.2	25.6	23.6	24.9	24.8	26.7	24.9	24.6
pH	6.5-8.5	STD	5.17	6.84	6.65	4.99	5.92	5.53	4.70	5.97
Conductivity		umhos/cm	217	550	286	120	317	121	73	284
Dissolved Oxygen (DO)		mg/l	1.15	1.01	0.4	0.21	0.42	0.28	0.22	0.8
Turbidity		NTU	19	3.7	3.2	3.68	12.9	1.7	13	12
Inorganics										
Nitrate (as N)	10	mg/l	0.137	BDL	BDL	BDL	0.137	BDL	BDL	6.6
TDS	500	mg/l	70	332	246	70	186	70	54	428
Chloride	250	mg/l	13.9	26.9	15.3	13.9	24.8	9.82	11.7	36.9
Antimony	0.006	mg/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Arsenic	0.01	mg/l	0.0105	0.00149	0.0104	0.00112	BDL	0.00239	BDL	0.00144
Barium	2	mg/l	0.0161	0.0232	0.0116	0.0012	0.00413	0.00443	0.0088	0.00729
Beryllium	0.004	mg/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Cadmium	0.005	mg/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chromium	0.1	mg/l	0.00627	BDL	0.00435	0.00118	0.00121	0.00136	0.00161	0.00186
Cobalt		mg/l	0.00111	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Copper	1	mg/l	BDL	BDL	BDL	BDL	0.00151	BDL	BDL	0.00197
Lead	0.015	mg/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Mercury	0.002	mg/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Nickel	0.1	mg/l	0.008	0.00449	0.00395	0.00112	0.00416	BDL	BDL	0.00299
Selenium	0.05	mg/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Silver	0.1	mg/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Thallium	0.002	mg/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vanadium		mg/l	0.0433	0.0023	0.0126	0.00228	0.0109	0.00257	0.00364	0.00735
Zinc	5	mg/l	BDL	BDL	BDL	BDL	0.133	BDL	0.0117	0.0275
Ammonia (as N)	2.8	mg/l	BDL	BDL	BDL	BDL	BDL	0.0871	BDL	BDL
Iron	0.3	mg/l	13.2	5.92	10.2	4.15	0.284	1.29	0.224	0.0826
Sodium	160	mg/l	14	24.6	7.63	5.68	12.9	9.53	6.53	BDL
Organics										
1,1,1,2-Tetrachloroethane		ug/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	200	ug/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,2,2-Tetrachloroethane		ug/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,2-Trichloroethane	5	ug/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethane		ug/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethene	7	ug/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloroethane	3	ug/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane	5	ug/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Butanone (MEK)		ug/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Hexanone		ug/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Acetone		ug/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Acrylonitrile		ug/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Benzene	1	ug/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromochloromethane		ug/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromodichloromethane		ug/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform		ug/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane		ug/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Carbon Disulfide		ug/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Carbon Tetrachloride	3	ug/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chlorobenzene		ug/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroethane		ug/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroform		ug/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloromethane		ug/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dibromochloromethane		ug/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dibromomethane		ug/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Ethylbenzene	700	ug/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl Iodide		ug/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl isobutyl ketone		ug/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene chloride		ug/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Para-dichlorobenzene	75	ug/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Styrene	100	ug/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrachloroethene	3	ug/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Toluene	1000	ug/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichloroethene	3	ug/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichlorofluoromethane		ug/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Acetate		ug/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl chloride	1	ug/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Xylenes	10000	ug/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethene	70	ug/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,3-Dichloropropene		ug/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
o-Dichlorobenzene	600	ug/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
trans-1,2-Dichloroethene	100	ug/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
trans-1,3-Dichloropropene		ug/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
trans-1,4-Dichloro-2-butene		ug/l	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

⁽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.

BDL = Below Detection Limits (detection limits lower than referenced standard unless otherwise noted).

FIGURES



PBSJ 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 # 62-522.900(2)

Form Title Ground Water Monitoring Report

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

Ground Water Elevation (NGVD): _____ () Compliance

() Other

or (MSL): _____

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

* Attach Laboratory Reports

ATTACHMENT B

Groundwater Sampling Logs and Field Equipment Calibration Logs

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: Hardee County Landfill		SITE LOCATION: Hardee County Landfill	
WELL NO: MW - 1		DATE: 11/23/10	
SAMPLE ID: MW - 1			

[illegible]

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Tommy Cross/ FCL						SAMPLER(S) SIGNATURE(S): 						SAMPLING INITIATED AT: 1000		SAMPLING ENDED AT: 1005			
PUMP OR TUBING DEPTH IN WELL (feet): 12.00						TUBING MATERIAL CODE: S + PE						FIELD-FILTERED: Y <u>N</u> Filtration Equipment Type:				FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP Y <u>N</u>						TUBING Y <u>N</u> (replaced)						DUPLICATE: Y <u>N</u>					
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 = Bulber; 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)

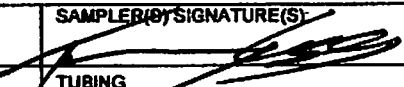
pH: + 0.2 units **Temperature:** + 0.2 °C **Specific Conductance:** + 5% **Dissolved Oxygen:** all readings < 20% saturation (see Table FS 2200-2); optionally, + 0.2 mg/L or + 10% (whichever is greater) **Turbidity:** all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24
GROUNDWATER SAMPLING LOG

[illegible]

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Tommy Cross/ FCL				SAMPLER(S) / SIGNATURE(S): 			SAMPLING INITIATED AT: 1120		SAMPLING ENDED AT: 1125	
PUMP OR TUBING DEPTH IN WELL (feet): 12.00				TUBING MATERIAL CODE: S + PE			FIELD-FILTERED: Y Filtration Equipment Type: 		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP Y N TUBING Y N (replaced)							DUPLICATE: Y N			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	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 = Bañer; 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: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

Revision Date: February 12, 2009

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: Hardee County Landfill						SITE LOCATION: Hardee County Landfill					
WELL NO: MW - 4						SAMPLE ID: MW - 4				DATE: 11/23/10	
PURGING DATA											
WELL DIAMETER (inches): 2.00	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: feet to feet		STATIC DEPTH TO WATER (feet): 6.53		PURGE PUMP TYPE OR BAILER: RFPP					
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) $= (\quad 21.75 \text{ feet} - \quad 6.53 \text{ feet}) \times \quad 0.16 \text{ gallons/foot} = \quad 2.49 \text{ gallons}$											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) $= \text{gallons} + (\text{gallons/foot} \times \text{feet}) + \text{gallons} = \text{gallons}$											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 15.00			FINAL PUMP OR TUBING DEPTH IN WELL (feet): 15.00			PURGING INITIATED AT: 1128		PURGING ENDED AT: 1151		TOTAL VOLUME PURGED (gallons): 4.75	
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or mc/cm²	DISSOLVED OXYGEN (circle units) mg/l or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1139	2.50	2.50	0.21	7.02	6.81	23.6	313.0	0.43	3.60	none	none
1143	0.75	3.25	0.21	7.02	6.75	23.6	289.9	0.46	4.20	none	none
1147	0.75	4.00	0.21	7.02	6.69	23.6	276.6	0.43	3.10	none	none
1151	0.75	4.75	0.21	7.02	6.65	23.6	285.9	0.40	3.20	none	none
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0008; 3/16" = 0.0014; 1/4" = 0.0028; 5/16" = 0.004; 3/8" = 0.008; 1/2" = 0.010; 5/8" = 0.016											
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; Q = Other (Specify)											

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Tommy Cross/ FCL				SAMPLER(S) SIGNATURE(S): 			SAMPLING INITIATED AT: 1155		SAMPLING ENDED AT: 1200	
PUMP OR TUBING DEPTH IN WELL (feet): 15.00				TUBING MATERIAL CODE: S + PE			FIELD-FILTERED: Y Filtration Equipment Type: N		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:** $\pm 5\%$ **Dissolved Oxygen:** all readings $< 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings < 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

Revision Date: February 12, 2009

FLOWERS

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SITE NAME: <u>PBS-J</u>	SITE LOCATION: <u>Hardee County Landfill</u>
WELL NO: <u>MW-5</u>	SAMPLE ID: <u>MW-5</u> DATE: <u>11/23/10</u>

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches): <u>3/8</u>	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): <u>8.30</u>	PURGE PUMP TYPE OR BAILER: <u>PP</u>
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) $= 120.75 \text{ feet} - 8.30 \text{ feet} \times 0.16 \text{ gallons/foot} = 1.99 \text{ gallons}$				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) $= \text{gallons} + (\text{gallons/foot} \times \text{feet}) + \text{gallons} = \text{gallons}$				

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): <u>11'</u>		FINAL PUMP OR TUBING DEPTH IN WELL (feet): <u>11'</u>		PURGING INITIATED AT: <u>09:13</u>		PURGING ENDED AT: <u>09:29</u>		TOTAL VOLUME PURGED (gallons): <u>3.20</u>			
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	SMELL (describe)
09:13	—	—	—	8.30							
09:23	2.00	2.00	0.20	9.40	4.98	25.0	115	0.22	5.64	Clean	NONE
09:26	0.60	2.60	0.20	9.40	4.99	24.9	119	0.22	4.70		
09:29	0.60	3.20	0.20	9.40	4.99	24.9	120	0.21	3.68		
										Clean	NONE

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 6" = 1.02; 8" = 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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <u>Robert Carpenter / FCL</u>				SAMPLER(S) SIGNATURES: <u>Robert Carpenter</u>				SAMPLING INITIATED AT: <u>09:30</u>		SAMPLING ENDED AT: <u>09:36</u>	
PUMP OR TUBING DEPTH IN WELL (feet): <u>11'</u>				SAMPLE PUMP FLOW RATE (mL per minute): <u>14 mL/min</u>				TUBING MATERIAL CODE: <u>PE</u>			
FIELD DECONTAMINATION: ☒ N				FIELD-FILTERED: ☒ Y FILTER SIZE: _____ µm				DUPLICATE: ☒ Y			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE	
SAMPLE ID CODE	CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH					
<u>MW-5</u>						<u>4.99</u>		<u>SEE COC</u>		<u>PP</u>	

REMARKS:

Heavy Equipment Operating Nearby

MATERIAL CODES: AB = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)
SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; 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)

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pH: ± 0.2 units Temperature: $\pm 0.2^\circ\text{C}$ Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS Z200-2); optionally, $+0.2\text{ mg/L}$ or $+10\%$ (whichever is greater) Turbidity: all readings $\leq 20\text{ NTU}$; optionally $\pm 5\text{ NTU}$ or $\pm 10\%$ (whichever is greater)

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: Hardee County Landfill						SITE LOCATION: Hardee County Landfill					
WELL NO: MW - 10R					SAMPLE ID: MW - 10R					DATE: 11/23/10	
PURGING DATA											
WELL DIAMETER (inches): 2.00		TUBING DIAMETER (inches): 0.25		WELL SCREEN INTERVAL DEPTH: feet to feet		STATIC DEPTH TO WATER (feet): 6.53		PURGE PUMP TYPE OR BAILER: RFPP			
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) $= (\quad 23.08 \text{ feet} - \quad 8.93 \text{ feet}) \times \quad 0.16 \text{ gallons/foot} = \quad 2.26 \text{ gallons}$											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) $= \text{gallons} + (\text{gallons/foot} \times \text{feet}) + \text{gallons} = \text{gallons}$											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 15.00			FINAL PUMP OR TUBING DEPTH IN WELL (feet): 15.00			PURGING INITIATED AT: 1205		PURGING ENDED AT: 1219		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)
1213	2.50	2.50	0.29	9.33	5.62	26.8	122.6	0.32	1.60	none	none
1216	0.75	3.25	0.29	9.33	5.54	26.7	121.3	0.30	2.50	none	none
1219	0.75	4.00	0.29	9.33	5.53	26.7	120.5	0.28	1.70	none	none
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.18; 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" = 0.0028; 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: Tommy Cross/ FCL				SAMPLE(S) SIGNATURE(S): 			SAMPLING INITIATED AT: 1225		SAMPLING ENDED AT: 1230	
PUMP OR TUBING DEPTH IN WELL (feet): 15.00				TUBING MATERIAL CODE: S + PE			FIELD-FILTERED: Y Filtration Equipment Type:		FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP Y (N) TUBING Y (N) (replaced)							DUPLICATE: Y (N)			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	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 = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)										

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

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

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

Revision Date: February 12, 2009

FLOWERS

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SITE NAME: <u>PR54-Y</u>	SITE LOCATION: <u>Harder County Landfill</u>	DATE: <u>11/23/10</u>
WELL NO: <u>NW-11</u>	SAMPLE ID: <u>NW-11</u>	

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches): <u>3/8</u>	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): <u>8.58</u>	PURGE PUMP TYPE OR BAILER: <u>PP</u>
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)				
$= (13.90 \text{ feet} - 8.58 \text{ feet}) \times \text{gallons/foot} = 0.81 \text{ gallons}$				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)				
$= \text{gallons} + (\text{gallons/foot} \times \text{feet}) + \text{gallons} = \text{gallons}$				

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):		12'		FINAL PUMP OR TUBING DEPTH IN WELL (feet):		12'		PURGING INITIATED AT: 11:20		PURGING ENDED AT: 12:10		TOTAL VOLUME PURGED (gallons): 5100	
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (umhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	SMELL (describe)		
11:20	—	—	—	8.58						CLAY			
11:30	1.00	1.00	0.10	10.21	4.74	24.8	70.8	0.56	772	WHITE	NONE		
11:40	1.00	2.00	0.10	10.21	4.66	24.9	71.3	0.31	78				
11:50	1.00	3.00	0.10	10.21	4.66	24.9	72.7	0.24	39				
12:00	1.00	4.00	0.10	10.22	4.69	24.9	72.8	0.20	19				
12:10	1.00	5.00	0.10	10.22	4.70	24.9	73.0	0.22	13	CLOR	NONE		

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <u>Robert Carpenter FCL</u>		SAMPLER(S) SIGNATURES: <u>Robert Carpenter</u>		SAMPLING INITIATED AT: <u>12:11</u>	SAMPLING ENDED AT: <u>12:16</u>
PUMP OR TUBING DEPTH IN WELL (feet): <u>12'</u>		SAMPLE PUMP FLOW RATE (mL per minute): <u>2.14 mL/min</u>		TUBING MATERIAL CODE: <u>PE</u>	
FIELD DECONTAMINATION: <u>(M) N</u>		FIELD-FILTERED: <u>Y</u> ☒ FILTER SIZE: <u> </u> µm		DUPLICATE: <u>Y</u> ☒	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
NW-11						4.70	SEECOC	PP

REMARKS:

Heavy Equipment Operations NEAR BY

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

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

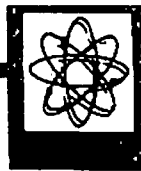
NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

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)

FLOWERS

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SITE NAME: <u>PR5-J</u>	SITE LOCATION: <u>Harder County Landfill</u>
WELL NO: <u>MW-12R</u>	SAMPLE ID: <u>MW-12R</u> DATE: <u>11/23/10</u>

PURGING DATA

WELL DIAMETER (inches): <u>2"</u>	TUBING DIAMETER (inches): <u>3/8"</u>	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): <u>9.17</u>	PURGE PUMP TYPE OR BAILER: <u>PP</u>
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) $= (23.04 \text{ feet} - 9.17 \text{ feet}) \times 0.16 \text{ gallons/foot} = 2.22 \text{ gallons}$				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) $= \text{gallons} + (\text{gallons/foot} \times \text{feet}) + \text{gallons} = \text{gallons}$				

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): <u>14'</u>		FINAL PUMP OR TUBING DEPTH IN WELL (feet): <u>14'</u>		PURGING INITIATED AT: <u>10:36</u>		PURGING ENDED AT: <u>11:06</u>		TOTAL VOLUME PURGED (gallons): <u>5.58</u>			
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	<u>SHEEN</u> DOOR (describe)
10:36	—	—	—	9.17							
10:48	2.25	2.25	0.18	12.00	6.01	24.5	280	1.50	22.9	Tan/c	NONE
11:00	2.25	4.50	0.18	12.00	5.96	24.6	291	0.93	13.8		
11:03	0.54	5.04	0.18	12.00	5.97	24.6	288	0.83	13.0		
11:06	0.54	5.58	0.18	12.00	5.97	24.6	287	0.80	12.0		
										Tan/c	NONE

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <u>FCL</u> <u>Robert Carpenter</u>		SAMPLER(S) SIGNATURES: <u>Robert Carpenter</u>		SAMPLING INITIATED AT: <u>11:07</u>		SAMPLING ENDED AT: <u>11:12</u>	
PUMP OR TUBING DEPTH IN WELL (feet): <u>14'</u>		SAMPLE PUMP FLOW RATE (mL per minute): <u>1.4 min</u>		TUBING MATERIAL CODE: <u>PE</u>			
FIELD DECONTAMINATION: ☒ N		FIELD-FILTERED: ☒ Y FILTER SIZE: _____ µm		DUPLICATE: ☒ Y ☒ N			
Filtration Equipment Type: _____							

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-12R						5.97	SEE COC	PP

REMARKS: Heavy Equipment Operating nearby

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

SAMPLING/PURGING: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump
EQUIPMENT CODES: RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; 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: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

FIELD DATA SHEET

FLOWERS
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 Sampler(s) Robert Carpenter Date 11/23/10 Page 1 of 5

 Project Name PR5+J

 Sample Type

WW	SW	<u>GW</u>	DW	Reag. Wtr.	Sludge	Sediment	Soil	Other
----	----	-----------	----	------------	--------	----------	------	-------

 Sample Site Identification Hardee County Landfill

 Sampling Method

Grab ☐	Composite ☐	Monitoring Well ☒	Bailer ☐	Pump ☐
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 Sampling Equipment PP

 Site & Weather Conditions Partly Cloudy

Field Instrument Beginning Calibration

08:50

Slope

pH Meter	☒ YES		NO		Buffer	4.0	<u>4.0</u>	7.0	<u>7.0</u>	10.0	<u>10.0</u>
Conductivity Meter	☒ YES		NO		Buffer		<u>100 = 100</u>	<u>1000 = 1010</u>			
Turbidity Meter	☒ YES		NO		Buffer		<u>1.0</u>	<u>10.0</u>	<u>10.0</u>		
DO Meter	☒ YES		NO		<u>Sat = 99.8% @ 100' @ 17.4°C</u>						

 Field Filtered ☐ YES ☒ NO

 Duplicate ☐ YES ☒ NO

 Field Decontamination ☒ YES ☐ NO

Parameter	Sample Containers	pH Check
☐ Nutrient	Plastic - H ₂ SO ₄	< 2
☒ Metals	Plastic - HNO ₃	< 2
☐ Sulfide	Plastic - NaOH / Zn Acetate	< 12
☐ Cyanide	Plastic - NaOH / Zn (No sulfide) / Ascorbic Acid	> 12
☒ Bacteriological	Glass - Thiosulfate (DW NO Chlorine Res)	
☐ Oil & Grease	Glass - HCl	< 2
☐ TOC	Plastic - HCl	< 2
☐ VOA	Glass - HCl	< 2
☐ SVOC	Glass - HCl (DW NO Chlorine Res)	
☐ Phenols	Glass - H ₂ SO ₄	< 2
☒ Other	Unpreserved	

Well Diameter	Multiplier
1.5 inches	0.092
<u>2.0</u> inches	0.163
4.0 inches	0.653
6.0 inches	1.469

Field Instrument Ending Calibration

13:15

pH Meter	YES		NO		Buffer	4.0		7.0	<u>7.0</u>	10.0	
Conductivity Meter	YES		NO		Buffer			<u>1000 = 1010</u>			
Turbidity Meter	YES		NO		Buffer	<u>1.0</u>		<u>10.0</u>	<u>10.0</u>		
DO Meter	YES		NO		<u>Sat = 99.7% @ 100' @ 28.1°C</u>						

General Site Information / Comments

FIELD DATA SHEET

FLOWERS
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Sampler(s) Tommy CrossDate 11/23/10Page 1 of 6Project Name PBS+J: Hardee County S/A Landfill MW's
 Sample Type ☐ WW ☐ SW ☒ DW ☐ Reag. Wtr. ☐ Sludge ☐ Sediment ☐ Soil ☐ Other
Sample Site Identification MW-1, MW-2, MW-4, MW-10R
 Sampling Method ☐ Grab ☐ Composite ☐ Monitoring Well ☒ Bailer ☐ Pump ☒
Sampling Equipment Bootech peristaltic pump, polyethylene & silicon tubingSite & Weather Conditions warm & clear

Field Instrument Beginning Calibration

Slope

pH Meter	YES	☒ NO	Buffer	4.0	<u>4.01</u>	7.0	<u>7.00</u>	10.0	<u>10.01</u>
Conductivity Meter	YES	☒ NO	Buffer	147		1414	<u>1410</u>	12900	
Turbidity Meter	YES	☒ NO	Buffer	0.5		<u>10.00</u> <u>5.0</u>	<u>9.40</u>	40	
DO Meter	YES	☒ NO	Buffer	<u>99.6 % saturation</u>	Adjust			From	

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

Parameter	Sample Containers	pH Check
☒ Nutrient	Plastic - H ₂ SO ₄	< 2
☒ Metals	Plastic - HNO ₃	< 2
☐ Sulfide	Plastic - NaOH / Zn Acetate	< 12
☐ Cyanide	Plastic - NaOH / Zn (No sulfide)/Ascorbic Acid	> 12
☒ Bacteriological	Glass - Thiosulfate (DW NO Chlorine Res)	
☐ Oil & Grease	Glass - HCl	< 2
☐ TOC	Plastic - HCl	< 2
☒ VOA	Glass - HCl	< 2
☐ SVOC	Glass - HCl (DW NO Chlorine Res)	
☐ Phenols	Glass - H ₂ SO ₄	< 2
☒ Other	Unpreserved	

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

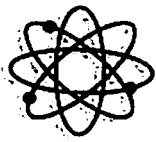
Field Instrument Ending Calibration

pH Meter	YES	☒ NO	Buffer	4.0		7.0	<u>7.08</u>	10.0	
Conductivity Meter	YES	☒ NO	Buffer	147		1414	<u>1435</u>	12900	
Turbidity Meter	YES	☒ NO	Buffer	0.5		<u>10.00</u> <u>5.0</u>	<u>10.00</u>	20.0	
DO Meter	YES	☒ NO	Buffer	<u>99.1 % saturation</u>	Adjust			From	

General Site Information / Comments

ATTACHMENT C

Groundwater and Surface Water Analytical Report



FLOWERS CHEMICAL LABORATORIES INC.

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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

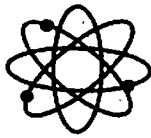
PO #: 40612
Client Project #: Hardee County Regional Landfill
Date Sampled: Nov 23, 2010
Dec 8, 2010; Invoice: 137886

Report Summary

Date Received: Nov 23, 2010

FCL Project Manager: June S. Flowers

Laboratory #	Sample Description	Analysis	Chemist	Location	Sample Matrix
137886GW1	300/MW-5	EPA350.1	PCW	Main Lab	Ground Water
		EPA353.2	PCW	Main Lab	
		EPA6010	EVB	Main Lab	
		EPA6020	EVB	Main Lab	
		EPA7470	EVB	Main Lab	
		EPA8011	DLJ	Main Lab	
		EPA8260	CLS	Main Lab	
		FT1000	RJC	Main Lab	
		FT1100	RJC	Main Lab	
		FT1200	RJC	Main Lab	
		FT1400	RJC	Main Lab	
		FT1500	RJC	Main Lab	
		FT1600	RJC	Main Lab	
		SM2540 C	PLB	Main Lab	
		SM4500-CI E	VLB	Main Lab	
137886GW2	296/MW-1	EPA350.1	PCW	Main Lab	Ground Water
		EPA353.2	PCW	Main Lab	
		EPA6010	EVB	Main Lab	
		EPA6020	EVB	Main Lab	
		EPA7470	EVB	Main Lab	
		EPA8011	DLJ	Main Lab	
		EPA8260	CLS	Main Lab	
		FT1000	RJC	Main Lab	
		FT1100	RJC	Main Lab	
		FT1200	RJC	Main Lab	
		FT1400	RJC	Main Lab	
		FT1500	RJC	Main Lab	
		FT1600	RJC	Main Lab	
		SM2540 C	PLB	Main Lab	
		SM4500-CI E	VLB	Main Lab	
137886GW3	19255/MW-8	EPA350.1	PCW	Main Lab	Ground Water
		EPA353.2	PCW	Main Lab	
		EPA6010	EVB	Main Lab	
		EPA6020	EVB	Main Lab	
		EPA7470	EVB	Main Lab	
		EPA8011	DLJ	Main Lab	
		EPA8260	CLS	Main Lab	
		FT1000	RJC	Main Lab	
		FT1100	RJC	Main Lab	
		FT1200	RJC	Main Lab	
		FT1400	RJC	Main Lab	
		FT1500	RJC	Main Lab	



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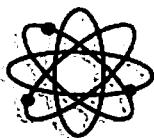
Phone: 407-339-5984 / Fax: 407-260-6110
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F35834 (Keys Lab)

PBS&J
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PO #: 40612
Client Project #: Hardee County Regional Landfill
Date Sampled: Nov 23, 2010
Dec 8, 2010; Invoice: 137886

137886GW4	297/MW-2	FT1600	RJC	Main Lab	Ground Water
		SM2540 C	PLB	Main Lab	
		SM4500-CI E	VLB	Main Lab	
		EPA350.1	PCW	Main Lab	
		EPA353.2	PCW	Main Lab	
		EPA6010	EVB	Main Lab	
		EPA6020	EVB	Main Lab	
		EPA7470	EVB	Main Lab	
		EPA8011	DLJ	Main Lab	
		EPA8260	CLS	Main Lab	
		FT1000	RJC	Main Lab	
		FT1100	RJC	Main Lab	
		FT1200	RJC	Main Lab	
		FT1400	RJC	Main Lab	
137886GW5	22931/MW-12R	FT1500	RJC	Main Lab	Ground Water
		FT1600	RJC	Main Lab	
		SM2540 C	PLB	Main Lab	
		SM4500-CI E	VLB	Main Lab	
		EPA350.1	PCW	Main Lab	
		EPA353.2	PCW	Main Lab	
		EPA6010	EVB	Main Lab	
		EPA6020	EVB	Main Lab	
		EPA7470	EVB	Main Lab	
		EPA8011	DLJ	Main Lab	
		EPA8260	CLS	Main Lab	
		FT1000	RJC	Main Lab	
		FT1100	RJC	Main Lab	
		FT1200	RJC	Main Lab	
137886GW6	299/MW-4	FT1400	RJC	Main Lab	Ground Water
		FT1500	RJC	Main Lab	
		FT1600	RJC	Main Lab	
		SM2540 C	PLB	Main Lab	
		SM4500-CI E	VLB	Main Lab	
		EPA350.1	PCW	Main Lab	
		EPA353.2	PCW	Main Lab	
		EPA6010	EVB	Main Lab	
		EPA6020	EVB	Main Lab	
		EPA7470	EVB	Main Lab	
		EPA8011	DLJ	Main Lab	
		EPA8260	CLS	Main Lab	
		FT1000	RJC	Main Lab	
		FT1100	RJC	Main Lab	
FT1200	RJC	Main Lab			
FT1400	RJC	Main Lab			
FT1500	RJC	Main Lab			
FT1600	RJC	Main Lab			
SM2540 C	PLB	Main Lab			



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PBS&J
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PO #: 40612
Client Project #: Hardee County Regional Landfill
Date Sampled: Nov 23, 2010
Dec 8, 2010; Invoice: 137886

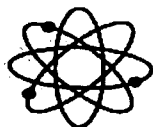
137886GW7	21882/MW-11	SM4500-CI E	VLB	Main Lab	
		EPA350.1	PCW	Main Lab	Ground Water
		EPA353.2	PCW	Main Lab	
		EPA6010	EVB	Main Lab	
		EPA6020	EVB	Main Lab	
		EPA7470	EVB	Main Lab	
		EPA8011	DLJ	Main Lab	
		EPA8260	CLS	Main Lab	
		FT1000	RJC	Main Lab	
		FT1100	RJC	Main Lab	
		FT1200	RJC	Main Lab	
		FT1400	RJC	Main Lab	
		FT1500	RJC	Main Lab	
		FT1600	RJC	Main Lab	
		SM2540 C	PLB	Main Lab	
137886GW8	22930/MW-10R	SM4500-CI E	VLB	Main Lab	Ground Water
		EPA350.1	PCW	Main Lab	
		EPA353.2	PCW	Main Lab	
		EPA6010	EVB	Main Lab	
		EPA6020	EVB	Main Lab	
		EPA7470	EVB	Main Lab	
		EPA8011	DLJ	Main Lab	
		EPA8260	CLS	Main Lab	
		FT1000	RJC	Main Lab	
		FT1100	RJC	Main Lab	
		FT1200	RJC	Main Lab	
		FT1400	RJC	Main Lab	
		FT1500	RJC	Main Lab	
		FT1600	RJC	Main Lab	
		SM2540 C	PLB	Main Lab	
137886GW9	Trip blank	SM4500-CI E	VLB	Main Lab	Ground Water
		EPA8260	CLS	Main Lab	

Certificate of Results

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



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



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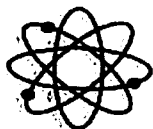
PBS&J
482 South Keller Rd
Orlando, FL 32810

PO #: 40612
Client Project #: Hardee County Regional Landfill
Date Sampled: Nov 23, 2010
Dec 8, 2010; Invoice: 137886

Analysis Report

Lab #: 137886GW1 Sampled: 11/23/10 09:30 AM Desc: 300/MW-5

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Nitrate(as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10162842	EPA353.2	14797-55-8	11/24/10 11:33 AM
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	630-20-6	11/24/10
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	71-55-6	11/24/10
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10163018	EPA8260	79-34-5	11/24/10
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	79-00-5	11/24/10
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	75-34-3	11/24/10
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	75-35-4	11/24/10
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	107-06-2	11/24/10
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10163018	EPA8260	78-87-5	11/24/10
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	78-93-3	11/24/10
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	591-78-6	11/24/10
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10163018	EPA8260	67-64-1	11/24/10
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10163018	EPA8260	107-13-1	11/24/10
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	71-43-2	11/24/10
Bromochloromethane	0.100 U	ug/L	1.00	0.100	1.00	10163018	EPA8260	074-97-5	11/24/10
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10163018	EPA8260	75-27-4	11/24/10
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	75-25-2	11/24/10
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	74-83-9	11/24/10
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10163018	EPA8260	75-15-0	11/24/10
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	56-23-5	11/24/10
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	108-90-7	11/24/10
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	75-00-3	11/24/10
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	67-66-3	11/24/10
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	74-87-3	11/24/10
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10163018	EPA8260	124-48-1	11/24/10
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	074-95-3	11/24/10
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	100-41-4	11/24/10



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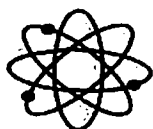
E83018 (Main Lab)
E86562 (South Lab)
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E35834 (Keys Lab)

PBS&J
482 South Keller Rd
Orlando, FL 32810

PO #: 40612
Client Project #: Hardee County Regional Landfill
Date Sampled: Nov 23, 2010
Dec 8, 2010; Invoice: 137886

Lab #: 137886GW1 Sampled: 11/23/10 09:30 AM Desc: 300/MW-5

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Methyl iodide	1.00 U	ug/L	1.00	1.00	2.00	10163018	EPA8260	074-88-4	11/24/10
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10163018	EPA8260	108-10-1	11/24/10
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10163018	EPA8260	75-09-2	11/24/10
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	106-46-7	11/24/10
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	100-42-5	11/24/10
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	127-18-4	11/24/10
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	108-88-3	11/24/10
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	79-01-6	11/24/10
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	75-69-4	11/24/10
Vinyl Acetate	5.00 U	ug/L	1.00	5.00	10.0	10163018	EPA8260	108-05-4	11/24/10
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	75-01-4	11/24/10
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10163018	EPA8260	1330-20-7	11/24/10
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10163018	EPA8260	156-59-2	11/24/10
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	10061-01-5	11/24/10
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	95-50-1	11/24/10
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	156-60-5	11/24/10
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	10061-02-6	11/24/10
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10163018	EPA8260	110-57-6	11/24/10
Surr:1,2-Dichloroethane-d4 (84-121%)	101.33%		1.00	0.0100	0.0100	10163018	EPA8260		11/24/10
Surr:Bromofluorobenzene (75-132%)	92.87%		1.00	1.00	1.00	10163018	EPA8260	460-00-4	11/24/10
Surr:Toluene-d8 (87-110%)	98.17%		1.00	0.0100	0.0100	10163018	EPA8260		11/24/10
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10163027	EPA6020	7440-36-0	11/24/10
Arsenic	0.00112 I	mg/L	1.00	0.00100	0.00200	10163027	EPA6020	7440-38-2	11/24/10
Barium	0.00210 I	mg/L	1.00	0.00200	0.00400	10163027	EPA6020	7440-39-3	11/24/10
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	0.00118 I	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



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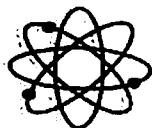
PO #: 40612
Client Project #: Hardee County Regional Landfill
Date Sampled: Nov 23, 2010
Dec 8, 2010; Invoice: 137886

Lab #: 137886GW1 Sampled: 11/23/10 09:30 AM Desc: 300/MW-5

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10163027	EPA6020	7439-92-1	11/24/10
Nickel	0.00116 U	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	0.00228	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
Field Ground Water Elevation	80.5	ft	1.00	-10.0	-10.0	10163106	FT1000		11/23/10
Field pH (units)	4.99	pH	1.00	0.0100	0.0200	10163106	FT1100	C006	11/23/10
Field Conductivity	120	umhos/cm	1.00	0.100	0.100	10163106	FT1200		11/23/10
Field Temp. (C)	24.9	oC	1.00	0.100	0.100	10163106	FT1400		11/23/10
Field DO	0.210	mg/L	1.00	0.100	0.100	10163106	FT1500		11/23/10
Field Turbidity	3.68	NTU	1.00	0.100	0.100	10163106	FT1600		11/23/10
Iron	4.15	mg/L	1.00	0.0100	0.0200	10163135	EPA6010	7439-89-6	11/29/10
Sodium	5.68	mg/L	1.00	0.500	1.00	10163135	EPA6010	7440-23-5	11/29/10
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10163224	EPA7470	7439-97-6	12/01/10
Ammonia (as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10163479	EPA350.1	7664-41-7	12/03/10
TDS	70.0	mg/L	1.00	2.50	5.00	10163635	SM2540 C	10-33-3	11/26/10
Chloride	13.9	mg/L	1.00	4.00	8.00	10163654	SM4500-Cl E	16887-00-6	11/27/10
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10163677	EPA8011	096-18-4	12/07/10
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10163677	EPA8011	106-93-4	12/07/10
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10163677	EPA8011	96-12-8	12/07/10

Lab #: 137886GW2 Sampled: 11/23/10 10:00 AM Desc: 296/MW-1

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Nitrate(as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10162842	EPA353.2	14797-55-8	11/24/10 11:37 AM
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	630-20-6	11/24/10
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	71-55-6	11/24/10
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10163018	EPA8260	79-34-5	11/24/10



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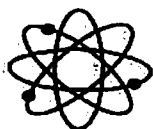
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PO #: 40612
Client Project #: Hardee County Regional Landfill
Date Sampled: Nov 23, 2010
Dec 8, 2010; Invoice: 137886

Lab #: 137886GW2 Sampled: 11/23/10 10:00 AM Desc: 296/MW-1

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	10163018	EPA8260	79-00-5	11/24/10
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	75-34-3	11/24/10
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	75-35-4	11/24/10
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	107-06-2	11/24/10
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10163018	EPA8260	78-87-5	11/24/10
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	78-93-3	11/24/10
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	591-78-6	11/24/10
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10163018	EPA8260	67-64-1	11/24/10
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10163018	EPA8260	107-13-1	11/24/10
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	71-43-2	11/24/10
Bromochloromethane	0.100 U	ug/L	1.00	0.100	1.00	10163018	EPA8260	074-97-5	11/24/10
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10163018	EPA8260	75-27-4	11/24/10
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	75-25-2	11/24/10
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	74-83-9	11/24/10
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10163018	EPA8260	75-15-0	11/24/10
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	56-23-5	11/24/10
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	108-90-7	11/24/10
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	75-00-3	11/24/10
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	67-66-3	11/24/10
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	74-87-3	11/24/10
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10163018	EPA8260	124-48-1	11/24/10
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	074-95-3	11/24/10
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	100-41-4	11/24/10
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10163018	EPA8260	074-88-4	11/24/10
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10163018	EPA8260	108-10-1	11/24/10
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10163018	EPA8260	75-09-2	11/24/10
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	106-46-7	11/24/10
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	100-42-5	11/24/10
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	127-18-4	11/24/10



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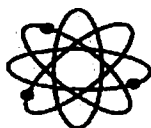
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PO #: 40612
Client Project #: Hardee County Regional Landfill
Date Sampled: Nov 23, 2010
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Lab #: 137886GW2 Sampled: 11/23/10 10:00 AM Desc: 296/MW-1

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	108-88-3	11/24/10
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	79-01-6	11/24/10
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	75-69-4	11/24/10
Vinyl Acetate	5.00 U	ug/L	1.00	5.00	10.0	10163018	EPA8260	108-05-4	11/24/10
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	75-01-4	11/24/10
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10163018	EPA8260	1330-20-7	11/24/10
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10163018	EPA8260	156-59-2	11/24/10
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	10061-01-5	11/24/10
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	95-50-1	11/24/10
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	156-60-5	11/24/10
trans-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	10061-02-6	11/24/10
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10163018	EPA8260	110-57-6	11/24/10
Surr:1,2-Dichloroethane-d4 (84-121%)	103.00%		1.00	0.0100	0.0100	10163018	EPA8260		11/24/10
Surr:Bromofluorobenzene (75-132%)	94.00%		1.00	1.00	1.00	10163018	EPA8260	460-00-4	11/24/10
Surr:Toluene-d8 (87-110%)	98.30%		1.00	0.0100	0.0100	10163018	EPA8260		11/24/10
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10163027	EPA6020	7440-36-0	11/24/10
Arsenic	0.0105	mg/L	1.00	0.00100	0.00200	10163027	EPA6020	7440-38-2	11/24/10
Barium	0.0161	mg/L	1.00	0.00200	0.00400	10163027	EPA6020	7440-39-3	11/24/10
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	0.00627	mg/L	1.00	0.00100	0.00200	10163027	EPA6020	7440-47-3	11/24/10
Cobalt	0.00111 I	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	0.00800	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	0.0433	mg/L	1.00	0.00100	0.00200	10163027	EPA6020	7440-62-2	11/24/10



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E83018 (Main Lab)
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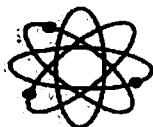
PO #: 40612
Client Project #: Hardee County Regional Landfill
Date Sampled: Nov 23, 2010
Dec 8, 2010; Invoice: 137886

Lab #: 137886GW2 Sampled: 11/23/10 10:00 AM Desc: 296/MW-1

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Zinc	0.0100 U	mg/L	1.00	0.0100	0.0200	10163027	EPA6020	7440-66-6	11/24/10
Field Ground Water Elevation	82.1	ft	1.00	-10.0	-10.0	10163106	FT1000		11/23/10
Field pH (units)	5.17	pH	1.00	0.0100	0.0200	10163106	FT1100	C006	11/23/10
Field Conductivity	217	umhos/cm	1.00	0.100	0.100	10163106	FT1200		11/23/10
Field Temp. (C)	24.2	oC	1.00	0.100	0.100	10163106	FT1400		11/23/10
Field DO	1.15	mg/L	1.00	0.100	0.100	10163106	FT1500		11/23/10
Field Turbidity	19.0	NTU	1.00	0.100	0.100	10163106	FT1600		11/23/10
Iron	13.2	mg/L	1.00	0.0100	0.0200	10163135	EPA6010	7439-89-6	11/29/10
Sodium	14.0	mg/L	1.00	0.500	1.00	10163135	EPA6010	7440-23-5	11/29/10
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10163224	EPA7470	7439-97-6	12/01/10
Ammonia (as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10163479	EPA350.1	7664-41-7	12/03/10
TDS	318	mg/L	1.00	2.50	5.00	10163635	SM2540 C	10-33-3	11/26/10
Chloride	31.2	mg/L	1.00	4.00	8.00	10163653	SM4500-Cl E	16887-00-6	11/27/10
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10163677	EPA8011	096-18-4	12/07/10
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10163677	EPA8011	106-93-4	12/07/10
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10163677	EPA8011	96-12-8	12/07/10

Lab #: 137886GW3 Sampled: 11/23/10 10:19 AM Desc: 19255/MW-8

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Nitrate(as N)	0.137	mg/L	1.00	0.0100	0.0200	10162842	EPA353.2	14797-55-8	11/24/10 11:38 AM
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	630-20-6	11/24/10
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	71-55-6	11/24/10
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10163018	EPA8260	79-34-5	11/24/10
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	79-00-5	11/24/10
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	75-34-3	11/24/10
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	75-35-4	11/24/10
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	107-06-2	11/24/10
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10163018	EPA8260	78-87-5	11/24/10
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	78-93-3	11/24/10



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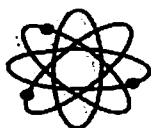
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482 South Keller Rd
Orlando, FL 32810

PO #: 40612
Client Project #: Hardee County Regional Landfill
Date Sampled: Nov 23, 2010
Dec 8, 2010; Invoice: 137886

Lab #: 137886GW3 Sampled: 11/23/10 10:19 AM Desc: 19255/MW-8

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	591-78-6	11/24/10
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10163018	EPA8260	67-64-1	11/24/10
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10163018	EPA8260	107-13-1	11/24/10
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	71-43-2	11/24/10
Bromochloromethane	0.100 U	ug/L	1.00	0.100	1.00	10163018	EPA8260	074-97-5	11/24/10
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10163018	EPA8260	75-27-4	11/24/10
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	75-25-2	11/24/10
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	74-83-9	11/24/10
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10163018	EPA8260	75-15-0	11/24/10
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	56-23-5	11/24/10
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	108-90-7	11/24/10
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	75-00-3	11/24/10
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	67-66-3	11/24/10
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	74-87-3	11/24/10
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10163018	EPA8260	124-48-1	11/24/10
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	074-95-3	11/24/10
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	100-41-4	11/24/10
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10163018	EPA8260	074-88-4	11/24/10
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10163018	EPA8260	108-10-1	11/24/10
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10163018	EPA8260	75-09-2	11/24/10
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	106-46-7	11/24/10
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	100-42-5	11/24/10
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	127-18-4	11/24/10
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	108-88-3	11/24/10
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	79-01-6	11/24/10
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	75-69-4	11/24/10
Vinyl Acetate	5.00 U	ug/L	1.00	5.00	10.0	10163018	EPA8260	108-05-4	11/24/10
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	75-01-4	11/24/10
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10163018	EPA8260	1330-20-7	11/24/10



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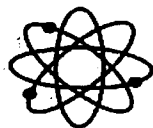
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482 South Keller Rd
Orlando, FL 32810

PO #: 40612
Client Project #: Hardee County Regional Landfill
Date Sampled: Nov 23, 2010
Dec 8, 2010; Invoice: 137886

Lab #: 137886GW3 Sampled: 11/23/10 10:19 AM Desc: 19255/MW-8

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	10163018	EPA8260	156-59-2	11/24/10
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	10061-01-5	11/24/10
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	95-50-1	11/24/10
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	156-60-5	11/24/10
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	10061-02-6	11/24/10
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10163018	EPA8260	110-57-6	11/24/10
Surr:1,2-Dichloroethane-d4 (84-121%)	104.93%		1.00	0.0100	0.0100	10163018	EPA8260		11/24/10
Surr:Bromofluorobenzene (75-132%)	93.93%		1.00	1.00	1.00	10163018	EPA8260	460-00-4	11/24/10
Surr:Toluene-d8 (87-110%)	97.40%		1.00	0.0100	0.0100	10163018	EPA8260		11/24/10
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10163027	EPA6020	7440-36-0	11/24/10
Arsenic	0.00100 U	mg/L	1.00	0.00100	0.00200	10163027	EPA6020	7440-38-2	11/24/10
Barium	0.00413	mg/L	1.00	0.00200	0.00400	10163027	EPA6020	7440-39-3	11/24/10
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	0.00121 I	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	0.00151 I	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	0.00416	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	0.0109	mg/L	1.00	0.00100	0.00200	10163027	EPA6020	7440-62-2	11/24/10
Zinc	0.133	mg/L	1.00	0.0100	0.0200	10163027	EPA6020	7440-66-6	11/24/10
Field Ground Water Elevation	79.7	ft	1.00	-10.0	-10.0	10163106	FT1000		11/23/10
Field pH (units)	5.92	pH	1.00	0.0100	0.0200	10163106	FT1100	C006	11/23/10
Field Conductivity	317	umhos/cm	1.00	0.100	0.100	10163106	FT1200		11/23/10
Field Temp. (C)	24.8	oC	1.00	0.100	0.100	10163106	FT1400		11/23/10
Field DO	0.420	mg/L	1.00	0.100	0.100	10163106	FT1500		11/23/10



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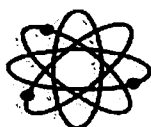
PO #: 40612
Client Project #: Hardee County Regional Landfill
Date Sampled: Nov 23, 2010
Dec 8, 2010; Invoice: 137886

Lab #: 137886GW3 Sampled: 11/23/10 10:19 AM Desc: 19255/MW-8

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Field Turbidity	12.9	NTU	1.00	0.100	0.100	10163106	FT1600		11/23/10
Iron	0.284	mg/L	1.00	0.0100	0.0200	10163135	EPA6010	7439-89-6	11/29/10
Sodium	12.9	mg/L	1.00	0.500	1.00	10163135	EPA6010	7440-23-5	11/29/10
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10163224	EPA7470	7439-97-6	12/01/10
Ammonia (as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10163479	EPA350.1	7664-41-7	12/03/10
TDS	186	mg/L	1.00	2.50	5.00	10163635	SM2540 C	10-33-3	11/26/10
Chloride	24.8	mg/L	1.00	4.00	8.00	10163653	SM4500-Cl E	16887-00-6	11/27/10
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10163677	EPA8011	096-18-4	12/07/10
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10163677	EPA8011	106-93-4	12/07/10
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10163677	EPA8011	96-12-8	12/07/10

Lab #: 137886GW4 Sampled: 11/23/10 11:20 AM Desc: 297/MW-2

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Nitrate(as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10162842	EPA353.2	14797-55-8	11/24/10 11:39 AM
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	630-20-6	11/24/10
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	71-55-6	11/24/10
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10163018	EPA8260	79-34-5	11/24/10
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	79-00-5	11/24/10
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	75-34-3	11/24/10
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	75-35-4	11/24/10
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	107-06-2	11/24/10
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10163018	EPA8260	78-87-5	11/24/10
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	78-93-3	11/24/10
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	591-78-6	11/24/10
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10163018	EPA8260	67-64-1	11/24/10
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10163018	EPA8260	107-13-1	11/24/10
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	71-43-2	11/24/10
Bromochloromethane	0.100 U	ug/L	1.00	0.100	1.00	10163018	EPA8260	074-97-5	11/24/10
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10163018	EPA8260	75-27-4	11/24/10



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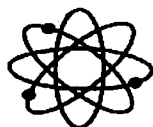
E8301H (Main Lab)
E86562 (South Lab)
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PO #: 40612
Client Project #: Hardee County Regional Landfill
Date Sampled: Nov 23, 2010
Dec 8, 2010; Invoice: 137886

Lab #: 137886GW4 Sampled: 11/23/10 11:20 AM Desc: 297/MW-2

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	75-25-2	11/24/10
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	74-83-9	11/24/10
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10163018	EPA8260	75-15-0	11/24/10
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	56-23-5	11/24/10
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	108-90-7	11/24/10
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	75-00-3	11/24/10
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	67-66-3	11/24/10
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	74-87-3	11/24/10
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10163018	EPA8260	124-48-1	11/24/10
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	074-95-3	11/24/10
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	100-41-4	11/24/10
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10163018	EPA8260	074-88-4	11/24/10
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10163018	EPA8260	108-10-1	11/24/10
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10163018	EPA8260	75-09-2	11/24/10
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	106-46-7	11/24/10
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	100-42-5	11/24/10
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	127-18-4	11/24/10
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	108-88-3	11/24/10
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	79-01-6	11/24/10
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	75-69-4	11/24/10
Vinyl Acetate	5.00 U	ug/L	1.00	5.00	10.0	10163018	EPA8260	108-05-4	11/24/10
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	75-01-4	11/24/10
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10163018	EPA8260	1330-20-7	11/24/10
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10163018	EPA8260	156-59-2	11/24/10
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	10061-01-5	11/24/10
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	95-50-1	11/24/10
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	156-60-5	11/24/10
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	10061-02-6	11/24/10
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10163018	EPA8260	110-57-6	11/24/10



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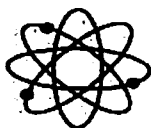
E83018 (Main Lab)
E86562 (South Lab)
E82405 (North Lab)
E35834 (Keys Lab)

PBS&J
482 South Keller Rd
Orlando, FL 32810

PO #: 40612
Client Project #: Hardee County Regional Landfill
Date Sampled: Nov 23, 2010
Dec 8, 2010; Invoice: 137886

Lab #: 137886GW4 Sampled: 11/23/10 11:20 AM Desc: 297/MW-2

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Surr:1,2-Dichloroethane-d4 (84-121%)	102.73%		1.00	0.0100	0.0100	10163018	EPA8260		11/24/10
Surr:Bromofluorobenzene (75-132%)	94.30%		1.00	1.00	1.00	10163018	EPA8260	460-00-4	11/24/10
Surr:Toluene-d8 (87-110%)	98.60%		1.00	0.0100	0.0100	10163018	EPA8260		11/24/10
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10163027	EPA6020	7440-36-0	11/24/10
Arsenic	0.00149 I	mg/L	1.00	0.00100	0.00200	10163027	EPA6020	7440-38-2	11/24/10
Barium	0.0232	mg/L	1.00	0.00200	0.00400	10163027	EPA6020	7440-39-3	11/24/10
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	0.00449	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	0.00230	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
Field Ground Water Elevation	79.5	ft	1.00	-10.0	-10.0	10163106	FT1000		11/23/10
Field pH (units)	6.84	pH	1.00	0.0100	0.0200	10163106	FT1100	C006	11/23/10
Field Conductivity	550	umhos/cm	1.00	0.100	0.100	10163106	FT1200		11/23/10
Field Temp. (C)	25.6	oC	1.00	0.100	0.100	10163106	FT1400		11/23/10
Field DO	1.01	mg/L	1.00	0.100	0.100	10163106	FT1500		11/23/10
Field Turbidity	3.70	NTU	1.00	0.100	0.100	10163106	FT1600		11/23/10
Iron	5.92	mg/L	1.00	0.0100	0.0200	10163135	EPA6010	7439-89-6	11/29/10
Sodium	24.6	mg/L	1.00	0.500	1.00	10163135	EPA6010	7440-23-5	11/29/10
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10163224	EPA7470	7439-97-6	12/01/10
Ammonia (as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10163479	EPA350.1	7664-41-7	12/03/10
TDS	332	mg/L	1.00	2.50	5.00	10163635	SM2540 C	10-33-3	11/26/10



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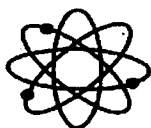
PO #: 40612
Client Project #: Hardee County Regional Landfill
Date Sampled: Nov 23, 2010
Dec 8, 2010; Invoice: 137886

Lab #: 137886GW4 Sampled: 11/23/10 11:20 AM Desc: 297/MW-2

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Chloride	36.9	mg/L	1.00	4.00	8.00	10163653	SM4500-Cl E	16887-00-6	11/27/10
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10163677	EPA8011	096-18-4	12/07/10
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10163677	EPA8011	106-93-4	12/07/10
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10163677	EPA8011	96-12-8	12/07/10

Lab #: 137886GW5 Sampled: 11/23/10 11:07 AM Desc: 22931/MW-12R

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Nitrate(as N)	6.60	mg/L	1.00	0.0100	0.0200	10162842	EPA353.2	14797-55-8	11/24/10 11:40 AM
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	630-20-6	11/24/10
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	71-55-6	11/24/10
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10163018	EPA8260	79-34-5	11/24/10
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	79-00-5	11/24/10
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	75-34-3	11/24/10
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	75-35-4	11/24/10
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	107-06-2	11/24/10
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10163018	EPA8260	78-87-5	11/24/10
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	78-93-3	11/24/10
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	591-78-6	11/24/10
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10163018	EPA8260	67-64-1	11/24/10
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10163018	EPA8260	107-13-1	11/24/10
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	71-43-2	11/24/10
Bromochloromethane	0.100 U	ug/L	1.00	0.100	1.00	10163018	EPA8260	074-97-5	11/24/10
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10163018	EPA8260	75-27-4	11/24/10
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	75-25-2	11/24/10
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	74-83-9	11/24/10
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10163018	EPA8260	75-15-0	11/24/10
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	56-23-5	11/24/10
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	108-90-7	11/24/10
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	75-00-3	11/24/10



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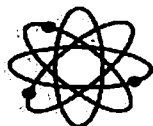
E83018 (Main Lab)
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PBS&J
482 South Keller Rd
Orlando, FL 32810

PO #: 40612
Client Project #: Hardee County Regional Landfill
Date Sampled: Nov 23, 2010
Dec 8, 2010; Invoice: 137886

Lab #: 137886GW5 Sampled: 11/23/10 11:07 AM Desc: 22931/MW-12R

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	67-66-3	11/24/10
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	74-87-3	11/24/10
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10163018	EPA8260	124-48-1	11/24/10
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	074-95-3	11/24/10
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	100-41-4	11/24/10
Methyl iodide	1.00 U	ug/L	1.00	1.00	2.00	10163018	EPA8260	074-88-4	11/24/10
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10163018	EPA8260	108-10-1	11/24/10
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10163018	EPA8260	75-09-2	11/24/10
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	106-46-7	11/24/10
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	100-42-5	11/24/10
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	127-18-4	11/24/10
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	108-88-3	11/24/10
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	79-01-6	11/24/10
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	75-69-4	11/24/10
Vinyl Acetate	5.00 U	ug/L	1.00	5.00	10.0	10163018	EPA8260	108-05-4	11/24/10
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	75-01-4	11/24/10
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10163018	EPA8260	1330-20-7	11/24/10
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10163018	EPA8260	156-59-2	11/24/10
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	10061-01-5	11/24/10
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	95-50-1	11/24/10
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	156-60-5	11/24/10
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	10061-02-6	11/24/10
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10163018	EPA8260	110-57-6	11/24/10
Surr:1,2-Dichloroethane-d4 (84-121%)	105.30%		1.00	0.0100	0.0100	10163018	EPA8260		11/24/10
Surr:Bromofluorobenzene (75-132%)	91.93%		1.00	1.00	1.00	10163018	EPA8260	460-00-4	11/24/10
Surr:Toluene-d8 (87-110%)	98.67%		1.00	0.0100	0.0100	10163018	EPA8260		11/24/10
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10163027	EPA6020	7440-36-0	11/24/10
Arsenic	0.00144 I	mg/L	1.00	0.00100	0.00200	10163027	EPA6020	7440-38-2	11/24/10
Barium	0.00729	mg/L	1.00	0.00200	0.00400	10163027	EPA6020	7440-39-3	11/24/10



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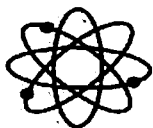
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PO #: 40612
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Lab #: 137886GW5 Sampled: 11/23/10 11:07 AM Desc: 22931/MW-12R

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	0.00186 I	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	0.00197 I	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	0.00299	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	0.00735	mg/L	1.00	0.00100	0.00200	10163027	EPA6020	7440-62-2	11/24/10
Zinc	0.0275	mg/L	1.00	0.0100	0.0200	10163027	EPA6020	7440-66-6	11/24/10
Field Ground Water Elevation	79.8	ft	1.00	-10.0	-10.0	10163106	FT1000		11/23/10
Field pH (units)	5.97	pH	1.00	0.0100	0.0200	10163106	FT1100	C006	11/23/10
Field Conductivity	284	umhos/cm	1.00	0.100	0.100	10163106	FT1200		11/23/10
Field Temp. (C)	24.6	oC	1.00	0.100	0.100	10163106	FT1400		11/23/10
Field DO	0.800	mg/L	1.00	0.100	0.100	10163106	FT1500		11/23/10
Field Turbidity	12.0	NTU	1.00	0.100	0.100	10163106	FT1600		11/23/10
Iron	0.0826	mg/L	1.00	0.0100	0.0200	10163135	EPA6010	7439-89-6	11/29/10
Sodium	19.1	mg/L	1.00	0.500	1.00	10163135	EPA6010	7440-23-5	11/29/10
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10163224	EPA7470	7439-97-6	12/01/10
Ammonia (as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10163479	EPA350.1	7664-41-7	12/03/10
TDS	428	mg/L	1.00	2.50	5.00	10163635	SM2540 C	10-33-3	11/26/10
Chloride	24.7	mg/L	1.00	4.00	8.00	10163653	SM4500-Cl E	16887-00-6	11/27/10
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10163677	EPA8011	096-18-4	12/07/10
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10163677	EPA8011	106-93-4	12/07/10
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10163677	EPA8011	96-12-8	12/07/10



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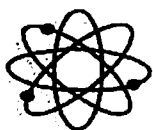
E83018 (Main Lab)
E86562 (South Lab)
E82405 (North Lab)
E35834 (Keys Lab)

PBS&J
482 South Keller Rd
Orlando, FL 32810

PO #: 40612
Client Project #: Hardee County Regional Landfill
Date Sampled: Nov 23, 2010
Dec 8, 2010; Invoice: 137886

Lab #: 137886GW6 Sampled: 11/23/10 11:55 AM Desc: 299/MW-4

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed	
Nitrate(as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10162842	EPA353.2	14797-55-8	11/24/10	11:41 AM
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	630-20-6	11/24/10	
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	71-55-6	11/24/10	
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10163018	EPA8260	79-34-5	11/24/10	
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	79-00-5	11/24/10	
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	75-34-3	11/24/10	
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	75-35-4	11/24/10	
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	107-06-2	11/24/10	
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10163018	EPA8260	78-87-5	11/24/10	
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	78-93-3	11/24/10	
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	591-78-6	11/24/10	
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10163018	EPA8260	67-64-1	11/24/10	
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10163018	EPA8260	107-13-1	11/24/10	
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	71-43-2	11/24/10	
Bromochloromethane	0.100 U	ug/L	1.00	0.100	1.00	10163018	EPA8260	074-97-5	11/24/10	
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10163018	EPA8260	75-27-4	11/24/10	
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	75-25-2	11/24/10	
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	74-83-9	11/24/10	
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10163018	EPA8260	75-15-0	11/24/10	
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	56-23-5	11/24/10	
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	108-90-7	11/24/10	
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	75-00-3	11/24/10	
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	67-66-3	11/24/10	
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	74-87-3	11/24/10	
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10163018	EPA8260	124-48-1	11/24/10	
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	074-95-3	11/24/10	
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	100-41-4	11/24/10	
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10163018	EPA8260	074-88-4	11/24/10	
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10163018	EPA8260	108-10-1	11/24/10	



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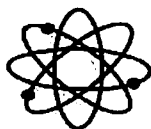
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PBS&J
482 South Keller Rd
Orlando, FL 32810

PO #: 40612
Client Project #: Hardee County Regional Landfill
Date Sampled: Nov 23, 2010
Dec 8, 2010; Invoice: 137886

Lab #: 137886GW6 Sampled: 11/23/10 11:55 AM Desc: 299/MW-4

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10163018	EPA8260	75-09-2	11/24/10
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	106-46-7	11/24/10
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	100-42-5	11/24/10
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	127-18-4	11/24/10
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	108-88-3	11/24/10
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	79-01-6	11/24/10
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	75-69-4	11/24/10
Vinyl Acetate	5.00 U	ug/L	1.00	5.00	10.0	10163018	EPA8260	108-05-4	11/24/10
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	75-01-4	11/24/10
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10163018	EPA8260	1330-20-7	11/24/10
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10163018	EPA8260	156-59-2	11/24/10
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	10061-01-5	11/24/10
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	95-50-1	11/24/10
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	156-60-5	11/24/10
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	10061-02-6	11/24/10
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10163018	EPA8260	110-57-6	11/24/10
Surr:1,2-Dichloroethane-d4 (84-121%)	104.37%		1.00	0.0100	0.0100	10163018	EPA8260		11/24/10
Surr:Bromofluorobenzene (75-132%)	92.70%		1.00	1.00	1.00	10163018	EPA8260	460-00-4	11/24/10
Surr:Toluene-d8 (87-110%)	98.83%		1.00	0.0100	0.0100	10163018	EPA8260		11/24/10
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10163027	EPA6020	7440-36-0	11/24/10
Arsenic	0.0104	mg/L	1.00	0.00100	0.00200	10163027	EPA6020	7440-38-2	11/24/10
Barium	0.0116	mg/L	1.00	0.00200	0.00400	10163027	EPA6020	7440-39-3	11/24/10
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	0.00435	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	0.00395	mg/L	1.00	0.00100	0.00200	10163027	EPA6020	7440-02-0	11/24/10



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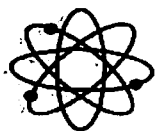
PO #: 40612
Client Project #: Hardee County Regional Landfill
Date Sampled: Nov 23, 2010
Dec 8, 2010; Invoice: 137886

Lab #: 137886GW6 Sampled: 11/23/10 11:55 AM Desc: 299/MW-4

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
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	0.0126	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
Field Ground Water Elevation	80.6	ft	1.00	-10.0	-10.0	10163106	FT1000		11/23/10
Field pH (units)	6.65	pH	1.00	0.0100	0.0200	10163106	FT1100	C006	11/23/10
Field Conductivity	286	umhos/cm	1.00	0.100	0.100	10163106	FT1200		11/23/10
Field Temp. (C)	23.6	oC	1.00	0.100	0.100	10163106	FT1400		11/23/10
Field DO	0.400	mg/L	1.00	0.100	0.100	10163106	FT1500		11/23/10
Field Turbidity	3.20	NTU	1.00	0.100	0.100	10163106	FT1600		11/23/10
Iron	10.2	mg/L	1.00	0.0100	0.0200	10163135	EPA6010	7439-89-6	11/29/10
Sodium	7.63	mg/L	1.00	0.500	1.00	10163135	EPA6010	7440-23-5	11/29/10
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10163224	EPA7470	7439-97-6	12/01/10
Ammonia (as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10163479	EPA350.1	7664-41-7	12/03/10
TDS	246	mg/L	1.00	2.50	5.00	10163635	SM2540 C	10-33-3	11/26/10
Chloride	15.3	mg/L	1.00	4.00	8.00	10163653	SM4500-Cl E	16887-00-6	11/27/10
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10163677	EPA8011	096-18-4	12/07/10
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10163677	EPA8011	106-93-4	12/07/10
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10163677	EPA8011	96-12-8	12/07/10

Lab #: 137886GW7 Sampled: 11/23/10 12:11 PM Desc: 21882/MW-11

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Nitrate(as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10162842	EPA353.2	14797-55-8	11/24/10 11:42 AM
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	630-20-6	11/24/10
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	71-55-6	11/24/10
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10163018	EPA8260	79-34-5	11/24/10
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	79-00-5	11/24/10
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	75-34-3	11/24/10



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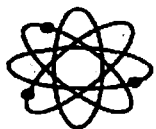
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Lab #: 137886GW7 Sampled: 11/23/10 12:11 PM Desc: 21882/MW-11

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	10163018	EPA8260	75-35-4	11/24/10
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	107-06-2	11/24/10
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10163018	EPA8260	78-87-5	11/24/10
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	78-93-3	11/24/10
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	591-78-6	11/24/10
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10163018	EPA8260	67-64-1	11/24/10
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10163018	EPA8260	107-13-1	11/24/10
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	71-43-2	11/24/10
Bromochloromethane	0.100 U	ug/L	1.00	0.100	1.00	10163018	EPA8260	074-97-5	11/24/10
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10163018	EPA8260	75-27-4	11/24/10
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	75-25-2	11/24/10
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	74-83-9	11/24/10
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10163018	EPA8260	75-15-0	11/24/10
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	56-23-5	11/24/10
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	108-90-7	11/24/10
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	75-00-3	11/24/10
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	67-66-3	11/24/10
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	74-87-3	11/24/10
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10163018	EPA8260	124-48-1	11/24/10
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	074-95-3	11/24/10
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	100-41-4	11/24/10
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10163018	EPA8260	074-88-4	11/24/10
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10163018	EPA8260	108-10-1	11/24/10
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10163018	EPA8260	75-09-2	11/24/10
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	106-46-7	11/24/10
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	100-42-5	11/24/10
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	127-18-4	11/24/10
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	108-88-3	11/24/10
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	79-01-6	11/24/10



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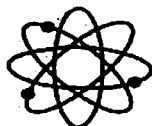
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Dec 8, 2010; Invoice: 137886

Lab #: 137886GW7 Sampled: 11/23/10 12:11 PM Desc: 21882/MW-11

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	75-69-4	11/24/10
Vinyl Acetate	5.00 U	ug/L	1.00	5.00	10.0	10163018	EPA8260	108-05-4	11/24/10
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	75-01-4	11/24/10
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10163018	EPA8260	1330-20-7	11/24/10
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10163018	EPA8260	156-59-2	11/24/10
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	10061-01-5	11/24/10
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	95-50-1	11/24/10
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	156-60-5	11/24/10
trans-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	10061-02-6	11/24/10
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10163018	EPA8260	110-57-6	11/24/10
Surr:1,2-Dichloroethane-d4 (84-121%)	106.13%		1.00	0.0100	0.0100	10163018	EPA8260		11/24/10
Surr:Bromofluorobenzene (75-132%)	93.07%		1.00	1.00	1.00	10163018	EPA8260	460-00-4	11/24/10
Surr:Toluene-d8 (87-110%)	97.00%		1.00	0.0100	0.0100	10163018	EPA8260		11/24/10
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10163027	EPA6020	7440-36-0	11/24/10
Arsenic	0.00100 U	mg/L	1.00	0.00100	0.00200	10163027	EPA6020	7440-38-2	11/24/10
Barium	0.00880	mg/L	1.00	0.00200	0.00400	10163027	EPA6020	7440-39-3	11/24/10
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	0.00161 I	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	0.00100 U	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	0.00364	mg/L	1.00	0.00100	0.00200	10163027	EPA6020	7440-62-2	11/24/10
Zinc	0.0117 I	mg/L	1.00	0.0100	0.0200	10163027	EPA6020	7440-66-6	11/24/10
Field Ground Water Elevation	79.5	ft	1.00	-10.0	-10.0	10163106	FT1000		11/23/10



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E83018 (Main Lab)
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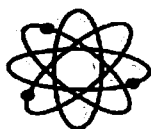
PO #: 40612
Client Project #: Hardee County Regional Landfill
Date Sampled: Nov 23, 2010
Dec 8, 2010; Invoice: 137886

Lab #: 137886GW7 Sampled: 11/23/10 12:11 PM Desc: 21882/MW-11

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Field pH (units)	4.70	pH	1.00	0.0100	0.0200	10163106	FT1100	C006	11/23/10
Field Conductivity	73.0	umhos/cm	1.00	0.100	0.100	10163106	FT1200		11/23/10
Field Temp. (C)	24.9	oC	1.00	0.100	0.100	10163106	FT1400		11/23/10
Field DO	0.220	mg/L	1.00	0.100	0.100	10163106	FT1500		11/23/10
Field Turbidity	13.0	NTU	1.00	0.100	0.100	10163106	FT1600		11/23/10
Iron	0.224	mg/L	1.00	0.0100	0.0200	10163135	EPA6010	7439-89-6	11/29/10
Sodium	6.53	mg/L	1.00	0.500	1.00	10163135	EPA6010	7440-23-5	11/29/10
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10163224	EPA7470	7439-97-6	12/01/10
Ammonia (as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10163479	EPA350.1	7664-41-7	12/03/10
TDS	54.0	mg/L	1.00	2.50	5.00	10163635	SM2540 C	10-33-3	11/26/10
Chloride	11.7	mg/L	1.00	4.00	8.00	10163654	SM4500-Cl E	16887-00-6	11/27/10
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10163677	EPA8011	096-18-4	12/07/10
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10163677	EPA8011	106-93-4	12/07/10
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10163677	EPA8011	96-12-8	12/07/10

Lab #: 137886GW8 Sampled: 11/23/10 12:25 PM Desc: 22930/MW-10R

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Nitrate(as N)	0.0100 U	mg/L	1.00	0.0100	0.0200	10162842	EPA353.2	14797-55-8	11/24/10 11:44 AM
1,1,1,2-Tetrachloroethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	630-20-6	11/24/10
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	71-55-6	11/24/10
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10163018	EPA8260	79-34-5	11/24/10
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	79-00-5	11/24/10
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	75-34-3	11/24/10
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	75-35-4	11/24/10
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	107-06-2	11/24/10
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10163018	EPA8260	78-87-5	11/24/10
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	78-93-3	11/24/10
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	591-78-6	11/24/10
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10163018	EPA8260	67-64-1	11/24/10



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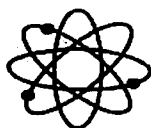
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482 South Keller Rd
Orlando, FL 32810

PO #: 40612
Client Project #: Hardee County Regional Landfill
Date Sampled: Nov 23, 2010
Dec 8, 2010; Invoice: 137886

Lab #: 137886GW8 Sampled: 11/23/10 12:25 PM Desc: 22930/MW-10R

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10163018	EPA8260	107-13-1	11/24/10
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	71-43-2	11/24/10
Bromochloromethane	0.100 U	ug/L	1.00	0.100	1.00	10163018	EPA8260	074-97-5	11/24/10
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10163018	EPA8260	75-27-4	11/24/10
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	75-25-2	11/24/10
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	74-83-9	11/24/10
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10163018	EPA8260	75-15-0	11/24/10
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	56-23-5	11/24/10
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	108-90-7	11/24/10
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	75-00-3	11/24/10
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	67-66-3	11/24/10
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	74-87-3	11/24/10
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10163018	EPA8260	124-48-1	11/24/10
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	074-95-3	11/24/10
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	100-41-4	11/24/10
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10163018	EPA8260	074-88-4	11/24/10
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10163018	EPA8260	108-10-1	11/24/10
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10163018	EPA8260	75-09-2	11/24/10
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	106-46-7	11/24/10
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	100-42-5	11/24/10
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	127-18-4	11/24/10
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	108-88-3	11/24/10
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	79-01-6	11/24/10
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	75-69-4	11/24/10
Vinyl Acetate	5.00 U	ug/L	1.00	5.00	10.0	10163018	EPA8260	108-05-4	11/24/10
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	75-01-4	11/24/10
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10163018	EPA8260	1330-20-7	11/24/10
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10163018	EPA8260	156-59-2	11/24/10
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	10061-01-5	11/24/10



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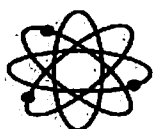
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PO #: 40612
Client Project #: Hardee County Regional Landfill
Date Sampled: Nov 23, 2010
Dec 8, 2010; Invoice: 137886

Lab #: 137886GW8 Sampled: 11/23/10 12:25 PM Desc: 22930/MW-10R

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	95-50-1	11/24/10
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	156-60-5	11/24/10
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	10061-02-6	11/24/10
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10163018	EPA8260	110-57-6	11/24/10
Surr:1,2-Dichloroethane-d4 (84-121%)	106.73%		1.00	0.0100	0.0100	10163018	EPA8260		11/24/10
Surr:Bromofluorobenzene (75-132%)	92.43%		1.00	1.00	1.00	10163018	EPA8260	460-00-4	11/24/10
Surr:Toluene-d8 (87-110%)	98.17%		1.00	0.0100	0.0100	10163018	EPA8260		11/24/10
Antimony	0.00200 U	mg/L	1.00	0.00200	0.00800	10163027	EPA6020	7440-36-0	11/24/10
Arsenic	0.00239	mg/L	1.00	0.00100	0.00200	10163027	EPA6020	7440-38-2	11/24/10
Barium	0.00433	mg/L	1.00	0.00200	0.00400	10163027	EPA6020	7440-39-3	11/24/10
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	0.00136 I	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	0.00100 U	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	0.00257	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
Field Ground Water Elevation	82.0	ft	1.00	-10.0	-10.0	10163106	FT1000		11/23/10
Field pH (units)	5.53	pH	1.00	0.0100	0.0200	10163106	FT1100	C006	11/23/10
Field Conductivity	121	umhos/cm	1.00	0.100	0.100	10163106	FT1200		11/23/10
Field Temp. (C)	26.7	oC	1.00	0.100	0.100	10163106	FT1400		11/23/10
Field DO	0.280	mg/L	1.00	0.100	0.100	10163106	FT1500		11/23/10
Field Turbidity	1.70	NTU	1.00	0.100	0.100	10163106	FT1600		11/23/10
Iron	8.29	mg/L	1.00	0.0100	0.0200	10163135	EPA6010	7439-89-6	11/29/10



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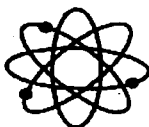
PO #: 40612
Client Project #: Hardee County Regional Landfill
Date Sampled: Nov 23, 2010
Dec 8, 2010; Invoice: 137886

Lab #: 137886GW8 Sampled: 11/23/10 12:25 PM Desc: 22930/MW-10R

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Sodium	9.53	mg/L	1.00	0.500	1.00	10163135	EPA6010	7440-23-5	11/29/10
Mercury	0.0000200 U	mg/L	1.00	0.0000200	0.0000400	10163224	EPA7470	7439-97-6	12/01/10
Ammonia (as N)	0.0871	mg/L	1.00	0.0100	0.0200	10163479	EPA350.1	7664-41-7	12/03/10
TDS	70.0	mg/L	1.00	2.50	5.00	10163635	SM2540 C	10-33-3	11/26/10
Chloride	9.82	mg/L	1.00	4.00	8.00	10163653	SM4500-Cl E	16887-00-6	11/27/10
1,2,3-Trichloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10163677	EPA8011	096-18-4	12/07/10
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10163677	EPA8011	106-93-4	12/07/10
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10163677	EPA8011	96-12-8	12/07/10

Lab #: 137886GW9 Sampled: 11/23/10 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	10163018	EPA8260	630-20-6	11/24/10
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	71-55-6	11/24/10
1,1,2,2-Tetrachloroethane	0.100 U	ug/L	1.00	0.100	0.200	10163018	EPA8260	79-34-5	11/24/10
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	79-00-5	11/24/10
1,1-Dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	75-34-3	11/24/10
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	75-35-4	11/24/10
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	107-06-2	11/24/10
1,2-dichloropropane	0.200 U	ug/L	1.00	0.200	0.400	10163018	EPA8260	78-87-5	11/24/10
2-Butanone (MEK)	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	78-93-3	11/24/10
2-Hexanone	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	591-78-6	11/24/10
Acetone	5.00 U	ug/L	1.00	5.00	10.0	10163018	EPA8260	67-64-1	11/24/10
Acrylonitrile	0.300 U	ug/L	1.00	0.300	0.600	10163018	EPA8260	107-13-1	11/24/10
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	71-43-2	11/24/10
Bromochloromethane	0.100 U	ug/L	1.00	0.100	1.00	10163018	EPA8260	074-97-5	11/24/10
Bromodichloromethane	0.100 U	ug/L	1.00	0.100	0.200	10163018	EPA8260	75-27-4	11/24/10
Bromoform	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	75-25-2	11/24/10
Bromomethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	74-83-9	11/24/10
Carbon Disulfide	1.00 U	ug/L	1.00	1.00	2.00	10163018	EPA8260	75-15-0	11/24/10



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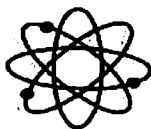
E83018 (Main Lab)
E86562 (South Lab)
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E35834 (Keys Lab)

PBS&J
482 South Keller Rd
Orlando, FL 32810

PO #: 40612
Client Project #: Hardee County Regional Landfill
Date Sampled: Nov 23, 2010
Dec 8, 2010; Invoice: 137886

Lab #: 137886GW9 Sampled: 11/23/10 12:00 AM 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	10163018	EPA8260	56-23-5	11/24/10
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	108-90-7	11/24/10
Chloroethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	75-00-3	11/24/10
Chloroform	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	67-66-3	11/24/10
Chloromethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	74-87-3	11/24/10
Dibromochloromethane	0.400 U	ug/L	1.00	0.400	0.800	10163018	EPA8260	124-48-1	11/24/10
Dibromomethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	074-95-3	11/24/10
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	100-41-4	11/24/10
Methyl Iodide	1.00 U	ug/L	1.00	1.00	2.00	10163018	EPA8260	074-88-4	11/24/10
Methyl isobutyl ketone	1.00 U	ug/L	1.00	1.00	2.00	10163018	EPA8260	108-10-1	11/24/10
Methylene chloride	1.00 U	ug/L	1.00	1.00	2.00	10163018	EPA8260	75-09-2	11/24/10
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	106-46-7	11/24/10
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	100-42-5	11/24/10
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	127-18-4	11/24/10
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	108-88-3	11/24/10
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	79-01-6	11/24/10
Trichlorofluoromethane	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	75-69-4	11/24/10
Vinyl Acetate	5.00 U	ug/L	1.00	5.00	10.0	10163018	EPA8260	108-05-4	11/24/10
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	75-01-4	11/24/10
Xylenes	1.00 U	ug/L	1.00	1.00	2.00	10163018	EPA8260	1330-20-7	11/24/10
cis-1,2-dichloroethene	0.200 U	ug/L	1.00	0.200	0.400	10163018	EPA8260	156-59-2	11/24/10
cis-1,3-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	10061-01-5	11/24/10
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	95-50-1	11/24/10
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	156-60-5	11/24/10
trans-1,3,-Dichloropropene	0.500 U	ug/L	1.00	0.500	1.00	10163018	EPA8260	10061-02-6	11/24/10
trans-1,4-dichloro-2-butene	1.00 U	ug/L	1.00	1.00	2.00	10163018	EPA8260	110-57-6	11/24/10
Surr:1,2-Dichloroethane-d4 (84-121%)	104.23%		1.00	0.0100	0.0100	10163018	EPA8260		11/24/10
Surr:Bromofluorobenzene (75-132%)	92.30%		1.00	1.00	1.00	10163018	EPA8260	460-00-4	11/24/10
Surr:Toluene-d8 (87-110%)	99.17%		1.00	0.0100	0.0100	10163018	EPA8260		11/24/10



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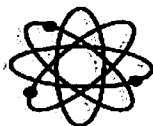
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Quality Report

Quality Control Batch: 10162842

Blank
Nitrate(as N)

Analyst: PCW

Result	Units
0.0100U	mg/L

Laboratory Control Sample
Nitrate(as N)

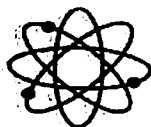
Result	Units	Spike	%REC	%REC Lim
2.08	mg/L	2.00	104.00	80.00-120.00

Quality Control Batch: 10163018

Blank
Acetone
Acrylonitrile
Benzene
Bromochloromethane
Bromodichloromethane
Bromoform
Bromomethane
Carbon Disulfide
Carbon Tetrachloride
Chlorobenzene
Chloroethane
Chloroform
Chloromethane
cis-1,2-dichloroethene
cis-1,3-Dichloropropene
Dibromochloromethane
Dibromomethane
Ethylbenzene
Methyl Iodide

Analyst: CLS

Result	Units
5.00U	ug/L
0.300U	ug/L
0.500U	ug/L
0.100U	ug/L
0.100U	ug/L
0.500U	ug/L
0.500U	ug/L
1.00U	ug/L
0.500U	ug/L
0.500U	ug/L
0.500U	ug/L
0.500U	ug/L
0.200U	ug/L
0.500U	ug/L
0.400U	ug/L
0.500U	ug/L
0.500U	ug/L
1.00U	ug/L



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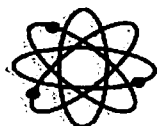
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Quality Control Batch: 10163018

Blank	Result	Units
Methyl isobutyl ketone	1.00U	ug/L
Methylene chloride	1.00U	ug/L
o-dichlorobenzene	0.500U	ug/L
Para-dichlorobenzene	0.500U	ug/L
Styrene	0.500U	ug/L
Tetrachloroethene	0.500U	ug/L
Toluene	0.500U	ug/L
trans-1,2-dichloroethene	0.500U	ug/L
trans-1,3,-Dichloropropene	0.500U	ug/L
trans-1,4-dichloro-2-butene	1.00U	ug/L
Trichloroethene	0.500U	ug/L
Trichlorofluoromethane	0.500U	ug/L
Vinyl Acetate	5.00U	ug/L
Vinyl chloride	0.500U	ug/L
Xylenes	1.00U	ug/L
1,1,1,2-Tetrachloroethane	0.500U	ug/L
1,1,1-Trichloroethane	0.500U	ug/L
1,1,2,2-Tetrachloroethane	0.100U	ug/L
1,1,2-Trichloroethane	0.500U	ug/L
1,1-Dichloroethane	0.500U	ug/L
1,1-Dichloroethene	0.500U	ug/L
1,2-dichloroethane	0.500U	ug/L
1,2-dichloropropane	0.200U	ug/L
2-Butanone (MEK)	0.500U	ug/L
2-Hexanone	0.500U	ug/L
Surr:Bromofluorobenzene	27.5	ug/L
Surr:Toluene-d8	29.5	ug/L
Surr:1,2-Dichloroethane-d4	29.8	ug/L



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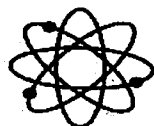
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Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim
Acetone	10.6	ug/L	10.0	106.20	51.15-157.90
Acrylonitrile	10.4	ug/L	10.0	103.80	80.00-120.00
Benzene	10.6	ug/L	10.0	105.70	70.42-137.66
Bromochloromethane	10.3	ug/L	10.0	103.00	64.69-139.91
Bromodichloromethane	9.51	ug/L	10.0	95.10	80.57-131.50
Bromoform	9.36	ug/L	10.0	93.60	65.15-134.65
Bromomethane	10.4	ug/L	10.0	103.70	49.23-137.75
Carbon Disulfide	11.9	ug/L	10.0	119.20	80.00-120.00
Carbon Tetrachloride	10.1	ug/L	10.0	101.00	72.74-134.61
Chlorobenzene	10.2	ug/L	10.0	102.10	74.89-128.22
Chloroethane	13.2	ug/L	10.0	131.50	80.00-120.00
Chloroform	9.94	ug/L	10.0	99.40	76.82-136.66
Chloromethane	10.6	ug/L	10.0	106.30	60.18-136.22
cis-1,2-dichloroethene	9.81	ug/L	10.0	98.10	70.18-132.42
cis-1,3-Dichloropropene	9.37	ug/L	10.0	93.70	69.72-142.22
Dibromochloromethane	9.51	ug/L	10.0	95.10	70.69-128.78
Ethylbenzene	10.1	ug/L	10.0	101.20	68.31-131.44
Methyl Iodide	10.5	ug/L	10.0	105.30	80.00-120.00
Methyl isobutyl ketone	10.3	ug/L	10.0	102.60	80.00-120.00
Methylene chloride	10.7	ug/L	10.0	107.10	54.47-155.30
o-dichlorobenzene	10.1	ug/L	10.0	100.70	51.26-144.65
Para-dichlorobenzene	10.3	ug/L	10.0	102.90	56.53-141.72
Styrene	9.50	ug/L	10.0	95.00	57.27-130.24
Tetrachloroethene	10.4	ug/L	10.0	103.50	50.71-191.89
Toluene	10.3	ug/L	10.0	102.60	73.02-130.97
trans-1,2-dichloroethene	10.1	ug/L	10.0	100.90	70.05-139.06
trans-1,3,-Dichloropropene	9.70	ug/L	10.0	97.00	61.78-143.04
Trichloroethene	10.1	ug/L	10.0	101.30	81.23-141.57
Trichlorofluoromethane	8.99	ug/L	10.0	89.90	36.75-164.71
Vinyl chloride	9.94	ug/L	10.0	99.40	69.17-140.68



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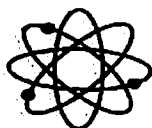
Quality Control Batch: 10163018

Laboratory Control Sample

	Result	Units	Spike	%REC	%REC Lim
Xylenes	29.9	ug/L	30.0	99.80	68.04-129.87
1,1,1,2-Tetrachloroethane	9.89	ug/L	10.0	98.90	61.24-142.86
1,1,1-Trichloroethane	10.1	ug/L	10.0	101.00	76.02-135.73
1,1,2,2-Tetrachloroethane	10.0	ug/L	10.0	100.00	63.64-152.36
1,1,2-Trichloroethane	9.43	ug/L	10.0	94.30	75.93-124.33
1,1-Dichloroethane	10.2	ug/L	10.0	102.00	66.99-142.36
1,1-Dichloroethene	9.72	ug/L	10.0	97.20	49.57-159.30
1,2-dichloroethane	10.2	ug/L	10.0	102.00	76.86-131.72
1,2-dichloropropane	10.2	ug/L	10.0	101.80	73.57-129.12
2-Butanone (MEK)	12.6	ug/L	10.0	126.30	80.00-120.00
2-Hexanone	9.75	ug/L	10.0	97.50	80.00-120.00
Surr:Bromofluorobenzene	29.3	ug/L	30.0	97.63	75.85-132.38
Surr:Toluene-d8	29.9	ug/L	30.0	99.63	87.56-110.87
Surr:1,2-Dichloroethane-d4	29.5	ug/L	30.0	98.30	84.13-121.28

Matrix Spike

	Result	Units	Spike	%REC	%REC Lim	Sample
Acetone	22.3	ug/L	20.0	111.45	48.58-157.20	5.00U
Acrylonitrile	21.1	ug/L	20.0	105.55	80.00-120.00	0.300U
Benzene	21.6	ug/L	20.0	108.15	76.49-132.70	0.500U
Bromochloromethane	21.6	ug/L	20.0	107.80	71.53-136.91	0.100U
Bromodichloromethane	22.6	ug/L	20.0	99.50	80.35-134.02	2.67
Bromoform	19.6	ug/L	20.0	98.15	66.58-139.52	0.500U
Bromomethane	24.4	ug/L	20.0	122.05	53.49-133.35	0.500U
Carbon Tetrachloride	20.7	ug/L	20.0	103.70	74.03-136.77	0.500U
Chlorobenzene	20.6	ug/L	20.0	102.90	74.48-128.37	0.500U
Chloroethane	19.1	ug/L	20.0	95.60	44.04-169.36	0.500U
Chloroform	52.9	ug/L	20.0	121.75	80.45-133.10	28.5
Chloromethane	23.2	ug/L	20.0	116.10	71.96-136.88	0.500U
cis-1,2-dichloroethene	20.2	ug/L	20.0	100.80	72.84-132.90	0.200U



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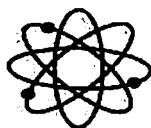
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Quality Control Batch: 10163018

Analyst: CLS

Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample
cis-1,3-Dichloropropene	20.5	ug/L	20.0	102.65	66.65-149.92	0.500U
Dibromochloromethane	21.4	ug/L	20.0	101.70	73.20-128.33	1.08
Ethylbenzene	20.6	ug/L	20.0	102.75	53.54-146.61	0.500U
Methyl Iodide	24.1	ug/L	20.0	120.70	80.00-120.00	1.00U
Methyl isobutyl ketone	20.5	ug/L	20.0	102.65	80.00-120.00	1.00U
Methylene chloride	20.6	ug/L	20.0	102.90	61.72-142.80	1.00U
o-dichlorobenzene	19.8	ug/L	20.0	99.05	64.79-140.04	0.500U
Para-dichlorobenzene	20.0	ug/L	20.0	99.95	70.06-134.07	0.500U
Styrene	20.1	ug/L	20.0	100.55	66.39-131.36	0.500U
Tetrachloroethene	20.9	ug/L	20.0	104.65	49.24-187.15	0.500U
Toluene	21.0	ug/L	20.0	104.90	73.60-133.71	0.500U
trans-1,2-dichloroethene	21.3	ug/L	20.0	106.25	72.55-139.59	0.500U
trans-1,3,-Dichloropropene	20.3	ug/L	20.0	101.65	69.93-143.42	0.500U
Trichloroethene	20.5	ug/L	20.0	102.35	83.21-134.86	0.500U
Trichlorofluoromethane	18.6	ug/L	20.0	93.00	40.12-153.40	0.500U
Vinyl chloride	21.3	ug/L	20.0	106.35	71.25-142.64	0.500U
Xylenes	61.7	ug/L	60.0	102.85	68.98-134.27	1.00U
1,1,1,2-Tetrachloroethane	20.2	ug/L	20.0	100.90	70.73-138.16	0.500U
1,1,1-Trichloroethane	21.0	ug/L	20.0	105.10	78.97-134.26	0.500U
1,1,2,2-Tetrachloroethane	20.2	ug/L	20.0	100.90	60.08-153.97	0.100U
1,1,2-Trichloroethane	19.8	ug/L	20.0	98.75	73.69-128.19	0.500U
1,1-Dichloroethane	21.2	ug/L	20.0	105.90	76.18-139.46	0.500U
1,1-Dichloroethene	20.9	ug/L	20.0	104.30	51.00-158.49	0.500U
1,2-dichloroethane	20.5	ug/L	20.0	102.45	80.02-129.19	0.500U
1,2-dichloropropane	21.2	ug/L	20.0	106.05	69.39-136.32	0.200U
2-Butanone (MEK)	20.8	ug/L	20.0	104.05	80.00-120.00	0.500U
2-Hexanone	19.7	ug/L	20.0	98.55	80.00-120.00	0.500U
Surr:Bromofluorobenzene	29.5	ug/L	30.0	98.40	77.01-140.59	
Surr:Toluene-d8	30.0	ug/L	30.0	100.07	85.38-111.29	



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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 County Regional Landfill
Date Sampled: Nov 23, 2010
Dec 8, 2010; Invoice: 137886

Quality Control Batch: 10163018

Matrix Spike

Surr: 1,2-Dichloroethane-d4

Analyst: CLS

Result

Units

Spike

%REC

%REC Lim

Sample

29.6

ug/L

30.0

98.77

83.37-119.61

Matrix Spike Duplicate

Result

Units

Spike

%REC

%REC Lim

Sample

RPD

RPD Lim

Acetone

23.6

ug/L

20.0

118.20

48.58-157.20

5.00U

5.88

40.59

Acrylonitrile

21.3

ug/L

20.0

106.50

80.00-120.00

0.300U

0.90

20.00

Benzene

20.9

ug/L

20.0

104.50

76.49-132.70

0.500U

3.43

31.37

Bromochloromethane

20.0

ug/L

20.0

100.15

71.53-136.91

0.100U

7.36

36.99

Bromodichloromethane

22.3

ug/L

20.0

98.00

80.35-134.02

2.67

1.34

32.02

Bromoform

19.0

ug/L

20.0

95.15

66.58-139.52

0.500U

3.10

12.35

Bromomethane

22.8

ug/L

20.0

114.20

53.49-133.35

0.500U

6.65

46.52

Carbon Tetrachloride

19.8

ug/L

20.0

99.20

74.03-136.77

0.500U

4.44

33.30

Chlorobenzene

19.8

ug/L

20.0

99.10

74.48-128.37

0.500U

3.76

34.73

Chloroethane

13.3

ug/L

20.0

66.65

44.04-169.36

0.500U

35.69

20.00

Chloroform

52.7

ug/L

20.0

120.95

80.45-133.10

28.5

0.30

29.47

Chloromethane

23.6

ug/L

20.0

118.05

71.96-136.88

0.500U

1.67

36.88

cis-1,2-dichloroethene

19.6

ug/L

20.0

98.20

72.84-132.90

0.200U

2.61

35.49

cis-1,3-Dichloropropene

19.7

ug/L

20.0

98.35

66.65-149.92

0.500U

4.28

39.26

Dibromochloromethane

20.3

ug/L

20.0

96.05

73.20-128.33

1.08

5.42

31.10

Ethylbenzene

20.2

ug/L

20.0

101.20

53.54-146.61

0.500U

1.52

36.82

Methyl Iodide

22.3

ug/L

20.0

111.65

80.00-120.00

1.00U

7.79

20.00

Methyl isobutyl ketone

20.8

ug/L

20.0

104.00

80.00-120.00

1.00U

1.31

20.00

Methylene chloride

20.0

ug/L

20.0

99.85

61.72-142.80

1.00U

3.01

30.39

o-dichlorobenzene

19.1

ug/L

20.0

95.25

64.79-140.04

0.500U

3.91

22.74

Para-dichlorobenzene

19.5

ug/L

20.0

97.25

70.06-134.07

0.500U

2.74

20.35

Styrene

19.7

ug/L

20.0

98.45

66.39-131.36

0.500U

2.11

34.98

Tetrachloroethene

20.7

ug/L

20.0

103.55

49.24-187.15

0.500U

1.06

34.56

Toluene

20.4

ug/L

20.0

101.90

73.60-133.71

0.500U

2.90

36.26

trans-1,2-dichloroethene

20.9

ug/L

20.0

104.55

72.55-139.59

0.500U

1.61

37.62

trans-1,3,-Dichloropropene

19.5

ug/L

20.0

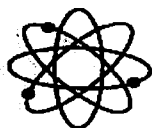
97.45

69.93-143.42

0.500U

4.22

35.30



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PBS&J
482 South Keller Rd
Orlando, FL 32810

PO #: 40612
Client Project #: Hardee County Regional Landfill
Date Sampled: Nov 23, 2010
Dec 8, 2010; Invoice: 137886

Quality Control Batch: 10163018

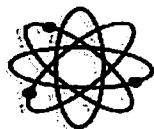
Matrix Spike Duplicate

	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Trichloroethene	20.0	ug/L	20.0	99.95	83.21-134.86	0.500U	2.37	32.42
Trichlorofluoromethane	17.7	ug/L	20.0	88.25	40.12-153.40	0.500U	5.24	47.77
Vinyl chloride	20.8	ug/L	20.0	104.00	71.25-142.64	0.500U	2.23	30.35
Xylenes	59.6	ug/L	60.0	99.40	68.98-134.27	1.00U	3.41	37.10
1,1,1,2-Tetrachloroethane	19.3	ug/L	20.0	96.60	70.73-138.16	0.500U	4.35	40.69
1,1,1-Trichloroethane	19.9	ug/L	20.0	99.70	78.97-134.26	0.500U	5.27	31.91
1,1,2,2-Tetrachloroethane	19.4	ug/L	20.0	96.95	60.08-153.97	0.100U	3.99	20.00
1,1,2-Trichloroethane	18.8	ug/L	20.0	93.85	73.69-128.19	0.500U	5.09	35.63
1,1-Dichloroethane	20.3	ug/L	20.0	101.60	76.18-139.46	0.500U	4.14	36.81
1,1-Dichloroethene	20.0	ug/L	20.0	99.80	51.00-158.49	0.500U	4.41	41.54
1,2-dichloroethane	19.3	ug/L	20.0	96.60	80.02-129.19	0.500U	5.88	31.30
1,2-dichloropropane	20.6	ug/L	20.0	102.90	69.39-136.32	0.200U	3.02	37.43
2-Butanone (MEK)	21.9	ug/L	20.0	109.55	80.00-120.00	0.500U	5.15	20.00
2-Hexanone	20.6	ug/L	20.0	103.00	80.00-120.00	0.500U	4.42	20.00
Surr:Bromofluorobenzene	29.0	ug/L	30.0	96.80	77.01-140.59		1.64	12.41
Surr:Toluene-d8	29.9	ug/L	30.0	99.50	85.38-111.29		0.57	4.32
Surr:1,2-Dichloroethane-d4	28.6	ug/L	30.0	95.27	83.37-119.61		3.61	8.87

Quality Control Batch: 10163027

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



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PBS&J
482 South Keller Rd
Orlando, FL 32810

PO #: 40612
Client Project #: Hardee County Regional Landfill
Date Sampled: Nov 23, 2010
Dec 8, 2010; Invoice: 137886

Quality Control Batch: 10163027

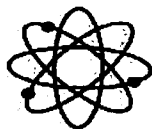
Blank	Result	Units
Nickel	0.00100U	mg/L
Selenium	0.00200U	mg/L
Silver	0.000500U	mg/L
Thallium	0.00100U	mg/L
Vanadium	0.00100U	mg/L
Zinc	0.0100U	mg/L

Laboratory Control Sample

	Result	Units	Spike	%REC	%REC Lim
Antimony	0.195	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
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



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PBS&J
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PO #: 40612
Client Project #: Hardee County Regional Landfill
Date Sampled: Nov 23, 2010
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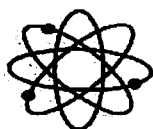
Quality Control Batch: 10163027

Matrix Spike

	Result	Units	Spike	%REC	%REC Lim	Sample
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
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
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



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PBS&J
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Orlando, FL 32810

PO #: 40612
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Date Sampled: Nov 23, 2010
Dec 8, 2010; Invoice: 137886

Quality Control Batch: 10163135

Blank

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

Laboratory Control Sample

	Result	Units	Spike	%REC	%REC Lim
Iron	4.74	mg/L	5.00	94.85	81.37-118.36
Sodium	4.78	mg/L	5.00	95.58	74.92-123.33

Matrix Spike

	Result	Units	Spike	%REC	%REC Lim	Sample
Iron	4.99	mg/L	5.00	96.77	60.57-140.09	0.152
Sodium	12.5	mg/L	5.00	86.64	42.14-155.56	8.19

Matrix Spike Duplicate

	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Iron	4.89	mg/L	5.00	94.74	60.57-140.09	0.152	2.06	16.99
Sodium	12.4	mg/L	5.00	85.16	42.14-155.56	8.19	0.59	12.77

Quality Control Batch: 10163224

Blank

	Result	Units
Mercury	0.0000200U	mg/L

Laboratory Control Sample

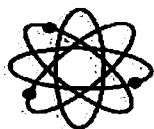
	Result	Units	Spike	%REC	%REC Lim
Mercury	0.00289	mg/L	0.00300	96.33	90.27-115.31

Matrix Spike

	Result	Units	Spike	%REC	%REC Lim	Sample
Mercury	0.00289	mg/L	0.00300	96.33	81.00-122.08	0.0000200U

Matrix Spike Duplicate

	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Mercury	0.00270	mg/L	0.00300	90.00	81.00-122.08	0.0000200U	6.80	8.88



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Orlando, FL 32810

PO #: 40612
Client Project #: Hardee County Regional Landfill
Date Sampled: Nov 23, 2010
Dec 8, 2010; Invoice: 137886

Quality Control Batch: 10163479

Blank

Ammonia (as N)

Analyst: PCW

Result

0.0100U

Units

mg/L

Laboratory Control Sample

Ammonia (as N)

Result

0.397

Units

mg/L

Spike

0.390

%REC

101.79

%REC Lim

79.00-119.89

Matrix Spike

Ammonia (as N)

Result

0.659

Units

mg/L

Spike

0.780

%REC

96.86

%REC Lim

50.68-137.76

Sample

-0.0965

Matrix Spike Duplicate

Ammonia (as N)

Result

0.645

Units

mg/L

Spike

0.780

%REC

95.06

%REC Lim

50.68-137.76

Sample

-0.0965

RPD

2.15

RPD Lim

7.78

Quality Control Batch: 10163635

Blank

TDS

Analyst: PLB

Result

2.50U

Units

mg/L

Laboratory Control Sample

TDS

Result

1500

Units

mg/L

Spike

1500

%REC

99.73

%REC Lim

91.15-105.70

Quality Control Batch: 10163654

Blank

Chloride

Analyst: VLB

Result

4.00U

Units

mg/L

Laboratory Control Sample

Chloride

Result

18.9

Units

mg/L

Spike

20.0

%REC

94.50

%REC Lim

80.00-120.00

Matrix Spike

Chloride

Result

51.6

Units

mg/L

Spike

50.0

%REC

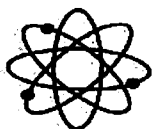
103.18

%REC Lim

80.00-120.00

Sample

4.00U



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
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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 County Regional Landfill
Date Sampled: Nov 23, 2010
Dec 8, 2010; Invoice: 137886

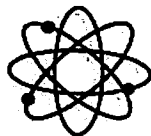
Quality Control Batch: 10163677

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	0.897	ug/L	0.750	119.65	80.00-120.00
1,2-Dibromoethane (EDB)	0.758	ug/L	0.750	101.11	71.37-128.24
1,2-dibromo-3-chloropropane	0.755	ug/L	0.750	100.71	56.44-144.91



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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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☐ **Flowers Chemical Labs-South**
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Client PBS+J	Project Name 40612 Hurd Co. G/Lmdt: 11 S/A	P.O. #
Address	Client Contact Gary Mudd	FAX
Phone	FCL Project Manager J. Flowers	E-MAIL
Sampled By (PRINT): Tommy Cross / Robert Carpenter	Requested Due Date 10 Day Standard OR Quick List: Lmdt: 11 App 1 + 1	Rush Charges May Apply
Sampler Signature [Signature]	Pick-Up Fee \$	Vehicle Surcharge \$
Date Sampled 11/23/10	Sampling Fee \$ 28	

						PRESERVATIVES					ANALYSES REQUEST										COMMENTS		Total # Containers
ITEM NO.	SAMPLE ID	DATE	TIME	MATRIX	(LAB USE ONLY) LAB NO.	NONE	H ₂ SO ₄	HNO ₃	HCl	Na ₂ S ₂ O ₃	App Metals	Fe, Cu	App VOC (9260)	App VOC (9011)	Cl, NO ₃ , TDS	NH ₃							
1	MW-5	11/23/10	0930	GW	137886GW1	X	X	X	X		X	X	X	X	X	X							8
2	MW-1		1000			2																	8
3	MW-3		1019			3																	7
4	MW-2		1120			4																	1
5	MW-12R		1107			5																	1
6	MW-4		1155			6																	1
7	MW-11		1211			7																	1
8	MW-10R		1225			8																	1
9	Trip Blank			D.I.		9																	2
10																							
Relinquished By / Affiliation		Date	Time	Accepted By / Affiliation		Date	Time	Relinquished By / Affiliation		Date	Time	Accepted By / Affiliation		Date	Time								

FINANCE CHARGES APPLIED TO PAST DUE INVOICES