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JLM
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PASCO COUNTY, FLORIDA

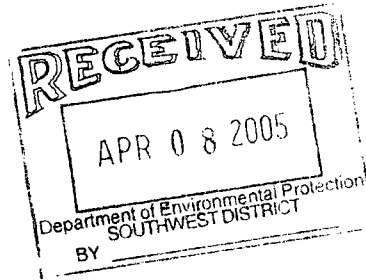
DADE CITY
LAND O' LAKES
NEW PORT RICHEY

(352) 511-4274
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UTILITES SERVICES BRANCH
PUB. WKS./UTILITIES BLDG. S-213
7530 LITTLE ROAD
NEW PORT RICHEY, FL 34654

06 April 2005

Mr. John Morris
Waste Management Section
Florida Department of
Environmental Protection
3804 Coconut Palm Drive
Tampa, Florida 33619



RE: West Pasco Class III Landfill
Leachate Monitoring
Semester I, 2005

Dear Mr. Morris:

Enclosed please find the analytical results for the parameters listed in 62-701(8)(c) Florida Administrative Code conducted on the two leachate tanks at the West Pasco Class III Landfill. These results are submitted for the first semester sampling period (Jan-Jun).

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

Sincerely,

Candia E. Mulhern
Laboratory Manager

Enc.: 1

cc: MS 4565-Solid Waste Section, Florida Department of Environmental Protection, 2600 Blair Stone Road,
Tallahassee, FL 32399-2400
Bruce E. Kennedy, Assistant County Administrator (Utilities Services)
Robert J. Sigmoid, Utilities Fiscal Services/Special Projects Director
John Power, Solid Waste Facility Manager



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654
PHONE 727-847-8902

DHRS E44123
CONTACTS:
GLORIA KRUEGER
BILL WARGO

REPORT OF ANALYSES

West Pasco
Class III Landfill
Hays Road
Shady Hills, Fl
John Power

Date: 3/22/2005

SAMPLE NUMBER AA47978
DATE SAMPLED 3/2/2005
DATE RECEIVED 3/2/2005
TIME RECEIVED 16:00

SAMPLE ID TANK 1 @ WP CLASS III
SAMPLER CSC
DELIVERED BY CSC

SAMPLE MATRIX Leac
TIME SAMPLED 11:30
RECEIVED BY GK
SAMPLE TYPE
Pumped

ANALYSIS	ANALYSIS						DET. LIMIT
	METHOD	DATE	TIME	BY	RESULT	QUAL. UNIT	
Color by Observation	Observation	3/2/2005	11:30	CSC	CLOUDY		
Conductivity Field	SM2510B	3/2/2005	11:30	CSC	1670	umhos/	
Dissolved Oxygen Field	SM4500OG	3/2/2005	11:30	CSC	1.60	mg/L	0.00
pH Field	SM4500HB	3/2/2005	11:30	CSC	6.80	std unit	
Temperature Field	SM2550B	3/2/2005	11:30	CSC	17.10	deg C	
Iron, Total, Flame	SM3111B	3/4/2005	10:30	TER	0.73	mg/L	0.03
Mercury, Total, CVAA	SM3112B	3/9/2005	14:35	TER	<0.0005	U mg/L	0.0005
Sodium, Total, Flame	SM3111B	3/4/2005	10:05	TER	86.6	mg/L	0.10
Ammonia	SM4500NH3	3/4/2005	8:00	IF	44.7	mg/L	0.08
Nitrate	SM4500NO	3/9/2005	8:00	IF	0.04	mg/L	0.03
Total Dissolved Solids	SM2540C	3/8/2005	15:00	JK	1300	mg/L	15.9

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123



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REPORT OF ANALYSES

West Pasco
Class III Landfill
Hays Road
Shady Hills, Fl
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Date: 3/22/2005

SAMPLE NUMBER AA47978
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SAMPLE ID TANK 1 @ WP CLASS III
SAMPLER CSC
DELIVERED BY CSC

SAMPLE MATRIX Leac
TIME SAMPLED 11:30
RECEIVED BY GK
SAMPLE TYPE
Pumped

ANALYSIS

Bicarbonate Alkalinity
Chloride

ANALYSIS				DET.			
METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
SM2320B	3/7/2005	15:00	JK	596		mgCa	3.51
SM4500CLE	3/3/2005	10:00	JK	95.2		mg/L	0.45

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123

PART III ANALYTICAL RESULTS

Facility GMS #: 4051M30035

Sampling Date/Time: 03/02/05 @ 1130

Test Site ID #: NA

Report Period: 2005 / Quarter I
(year/quarter)

Well Name: Tank #1

Well Purged (Y/N): YES

Classification of Groundwater: N/A

Well Type: () Background
() Intermediate
() Compliance
() Other

Groundwater Elevation (NGVD): _____
or (MSL): _____

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results / Units	Detection Limits / Units
000620	Nitrate	Well Wiz. Ded. Mon. System	No	SM 4500N ₃ F	03/09/05 0800	0.04 mg/L	0.11 mg/L
000940	Chloride	"	"	SM 4500C1-B	03/03/05 1000	95.2 mg/L	0.15 mg/L
000400	pH-Field	"	"	SM 4500H+B	03/02/05 1130	6.80 Std. Units	0.01 Std. Units
070300	Total Dis. Solids	"	"	SM 2540C	03/18/05 1500	1,300 mg/L	1 mg/L
000344	Dissolved Oxygen	"	"	SM 4500 O G	03/02/05 1130	1.60 mg/L	0.01 mg/L
000410	Bicarbonate	"	"	SM 2320B	03/07/05 1500	596 mg/L	1 mg/L
000095	Specific Cond. (Field)	"	"	SM 2510B	03/02/05 1130	1,670 µmhos/cm	0.00 µmhos/cm
000010	Temperature (Field)	"	"	SM 2550B	03/02/05 11:30	17.10 °C	0 °C
000610	Ammonia	"	"	SM 4500NH ₃ B	03/04/05 0800	44.7 mg/L	0.03 mg/L
900216	Color	"	"	SN 2120B	03/02/05 1130	CLOUDY PCU	0.0 PCU
001045	Iron	"	"	SM 3113B	03/04/05 1030	0.73 mg/L	0.001 mg/L
000929	Sodium	"	"	SM 3111B	03/04/05 1005	86.6 mg/L	0.01 mg/L
071900	Mercury	"	"	SM 3112B	03/09/05 1435	<0.0005 mg/L	0.0002 mg/L
000612	NH ₄ -N	"	"	DEP SOP 10/03/83		mg/L	0.02 mg/L

*Attach Laboratory Reports

Analytical Report

CLIENT: Pasco County Environmental Laboratory
Lab Order: F05030164
Project: WP CL IIII Landfill
Lab ID: F05030164-001

Client Sample ID: Tank-1
Collection Date: 3/2/2005 11:30:00 AM
Sample Description: Leachate
Matrix: Waste Water

Analyses	Result	Qual	MDL	RL	Units	DF	Date Analyzed	Batch ID
CYANIDE, TOTAL								
			SW9012				PrepDate: 3/9/2005 12:31:12 P	Analyst: BJM
Cyanide	0.0027	U	0.0027	0.010	mg/L	1	03/09/05 19:40	26138
SULFIDE								
			SW9034				PrepDate:	Analyst: BJM
Sulfide	0.32	U	0.32	0.10	mg/L	1	03/07/05 12:15	R34463
ICP METALS								
			SW6010				PrepDate: 3/7/2005 10:55:00 A	Analyst: JKR
Arsenic	0.073	*	0.0028	0.010	mg/L	1	03/05/05 18:57	26058
Barium	0.066		0.00023	0.010	mg/L	1	03/05/05 18:57	26058
Beryllium	0.000056	U	0.000056	0.0010	mg/L	1	03/05/05 18:57	26058
Cadmium	0.00034	U	0.00034	0.0010	mg/L	1	03/05/05 18:57	26058
Chromium	0.029		0.00060	0.0050	mg/L	1	03/05/05 18:57	26058
Cobalt	0.0016	U	0.0016	0.010	mg/L	1	03/05/05 18:57	26058
Copper	0.00047	U	0.00047	0.0050	mg/L	1	03/05/05 18:57	26058
Lead	0.0022	U	0.0022	0.010	mg/L	1	03/05/05 18:57	26058
Nickel	0.0010	U	0.0010	0.0050	mg/L	1	03/05/05 18:57	26058
Selenium	0.0031	U	0.0031	0.015	mg/L	1	03/05/05 18:57	26058
Silver	0.00093	U	0.00093	0.0050	mg/L	1	03/05/05 18:57	26058
Tin	0.0019	U	0.0019	0.050	mg/L	1	03/05/05 18:57	26058
Vanadium	0.0024	I	0.00073	0.010	mg/L	1	03/05/05 18:57	26058
Zinc	0.0035	U	0.0035	0.020	mg/L	1	03/05/05 18:57	26058
ICP/MS METALS								
			SW6020				PrepDate: 3/7/2005 10:55:00 A	Analyst: JCO
Antimony	0.00063	I	0.00040	0.0010	mg/L	1	03/16/05 16:05	26058
Thallium	0.00052	I	0.00012	0.0010	mg/L	1	03/16/05 16:05	26058
MERCURY								
			SW7470				PrepDate: 3/7/2005 9:18:11 AM	Analyst: JKR
Mercury	0.000012	U	0.000012	0.00020	mg/L	1	03/08/05 11:21	26064
8011: EDB AND DBCP								
			SW8011				PrepDate: 3/9/2005 2:00:00 PM	Analyst: EM
1,2-Dibromo-3-chloropropane	0.0055	U	0.0055	0.020	µg/L	1	03/10/05	26116
Ethylene Dibromide	0.0099	U	0.0099	0.010	µg/L	1	03/10/05	26116
Surr: 4-Bromofluorobenzene	117		0	60-140	%REC	1	03/10/05	26116
8081: PESTICIDES, ORGANOCHLORINE								
			SW8081				PrepDate: 3/9/2005 12:40:00 P	Analyst: DVA
Aldrin	0.0060	U	0.0060	0.0050	µg/L	1	03/10/05	26085
alpha-BHC	0.0040	U	0.0040	0.0050	µg/L	1	03/10/05	26085
beta-BHC	0.0060	U	0.0060	0.020	µg/L	1	03/10/05	26085
delta-BHC	0.0060	U	0.0060	0.020	µg/L	1	03/10/05	26085
gamma-BHC	0.0040	U	0.0040	0.020	µg/L	1	03/10/05	26085

Data Qualifier Code Key:
 * Value exceeds Maximum Contaminant Level
 U Not Detected Above the MDL

I Analyte detected below quantitation limits

Analytical Report

CLIENT: Pasco County Environmental Laboratory
Lab Order: F05030164
Project: WP CL III Landfill
Lab ID: F05030164-001

Client Sample ID: Tank-1
Collection Date: 3/2/2005 11:30:00 AM
Sample Description: Leachate
Matrix: Waste Water

Analyses	Result	Qual	MDL	RL	Units	DF	Date Analyzed	Batch ID
8081: PESTICIDES, ORGANOCHLORINE		SW8081		PrepDate: 3/9/2005 12:40:00 P		Analyst: DVA		
Chlordane	0.080	U	0.080	0.50	µg/L	1	03/10/05	26085
Chlorobenzilate	0.080	U	0.080	0.10	µg/L	1	03/15/05	26085
4,4'-DDD	0.0050	U	0.0050	0.020	µg/L	1	03/10/05	26085
4,4'-DDE	0.0080	U	0.0080	0.020	µg/L	1	03/10/05	26085
4,4'-DDT	0.0050	U	0.0050	0.020	µg/L	1	03/10/05	26085
Dieldrin	0.0050	U	0.0050	0.0050	µg/L	1	03/10/05	26085
Endosulfan I	0.0050	U	0.0050	0.020	µg/L	1	03/10/05	26085
Endosulfan II	0.0040	U	0.0040	0.020	µg/L	1	03/10/05	26085
Endosulfan sulfate	0.010	U	0.010	0.020	µg/L	1	03/10/05	26085
Endrin	0.0060	U	0.0060	0.020	µg/L	1	03/10/05	26085
Endrin aldehyde	0.0070	U	0.0070	0.020	µg/L	1	03/10/05	26085
Heptachlor	0.0060	U	0.0060	0.020	µg/L	1	03/10/05	26085
Heptachlor epoxide	0.0060	U	0.0060	0.020	µg/L	1	03/10/05	26085
Methoxychlor	0.0080	U	0.0080	0.020	µg/L	1	03/10/05	26085
Pentachloronitrobenzene	0.027	U	0.027	0.50	µg/L	1	03/15/05	26085
Toxaphene	0.37	U	0.37	0.50	µg/L	1	03/10/05	26085
Surr: Decachlorobiphenyl	78.5		0	20-155	%REC	1	03/10/05	26085
Surr: Tetrachloro-m-xylene	78.0		0	20-155	%REC	1	03/10/05	26085
8082: POLYCHLORINATED BIPHENYLS		SW8082		PrepDate: 3/9/2005 12:40:00 P		Analyst: DVA		
Aroclor 1016	0.10	U	0.10	0.50	µg/L	1	03/10/05	26085
Aroclor 1221	0.16	U	0.16	0.50	µg/L	1	03/10/05	26085
Aroclor 1232	0.11	U	0.11	0.50	µg/L	1	03/10/05	26085
Aroclor 1242	0.16	U	0.16	0.50	µg/L	1	03/10/05	26085
Aroclor 1248	0.13	U	0.13	0.50	µg/L	1	03/10/05	26085
Aroclor 1254	0.10	U	0.10	0.50	µg/L	1	03/10/05	26085
Aroclor 1260	0.11	U	0.11	0.50	µg/L	1	03/10/05	26085
Surr: Decachlorobiphenyl	78.5		0	10-130	%REC	1	03/10/05	26085
Surr: Tetrachloro-m-xylene	78.0		0	10-127	%REC	1	03/10/05	26085
8141: PESTICIDES, ORGANOPHOSPHORUS		SW8141		PrepDate: 3/7/2005 11:15:00 A		Analyst: LSC		
Chlorfenvinphos	0.19	U	0.19	0.50	µg/L	1	03/09/05 20:15	25984
Dimethoate	0.14	U	0.14	0.50	µg/L	1	03/09/05 20:15	25984
Disulfoton	0.20	U	0.20	0.50	µg/L	1	03/09/05 20:15	25984
Famphur	0.22	U	0.22	0.50	µg/L	1	03/09/05 20:15	25984
Parathion, Ethyl	0.34	U	0.34	1.0	µg/L	1	03/09/05 20:15	25984
Parathion, Methyl	0.19	U	0.19	0.50	µg/L	1	03/09/05 20:15	25984

Data * Value exceeds Maximum Contaminant Level
Qualifier U Not Detected Above the MDL
Code Key:

I Analyte detected below quantitation limits

Analytical Report

CLIENT: Pasco County Environmental Laboratory
Lab Order: F05030164
Project: WP CL III Landfill
Lab ID: F05030164-001

Client Sample ID: Tank-1
Collection Date: 3/2/2005 11:30:00 AM
Sample Description: Leachate
Matrix: Waste Water

Analyses	Result	Qual	MDL	RL	Units	DF	Date Analyzed	Batch ID
8141: PESTICIDES, ORGANOPHOSPHORUS		SW8141					PrepDate: 3/7/2005 11:15:00 A	Analyst: LSC
Phorate	0.38	U	0.38	1.0	µg/L	1	03/09/05 20:15	25984
Surr: 4-Chloro-3-nitrobenzotrifluoride	64.2		0	15-133	%REC	1	03/09/05 20:15	25984
8151: HERBICIDES, CHLORINATED BY GC		SW8151					PrepDate: 3/4/2005 9:00:00 AM	Analyst: EM
2,4-D	0.15	U	0.15	1.0	µg/L	1	03/09/05	26034
Dinoseb	0.090	U	0.090	0.20	µg/L	1	03/09/05	26034
Pentachlorophenol	0.030	U	0.030	0.040	µg/L	1	03/09/05	26034
2,4,5-T	0.020	U	0.020	0.20	µg/L	1	03/09/05	26034
2,4,5-TP (Silvex)	0.030	U	0.030	0.20	µg/L	1	03/09/05	26034
Surr: DCAA	70.0		0	39-150	%REC	1	03/09/05	26034
8260: VOLATILE ORGANIC COMPOUNDS		SW8260					PrepDate: 3/10/2005	Analyst: JSA
Acetone	3.7	U	3.7	10	µg/L	1	03/10/05 12:42	26179
Acetonitrile	3.7	U	3.7	10	µg/L	1	03/10/05 12:42	26179
Acrolein	3.0	U	3.0	10	µg/L	1	03/10/05 12:42	26179
Acrylonitrile	2.2	U	2.2	10	µg/L	1	03/10/05 12:42	26179
Allyl chloride	0.39	U	0.39	1.0	µg/L	1	03/10/05 12:42	26179
Benzene	1.1	*	0.23	1.0	µg/L	1	03/10/05 12:42	26179
Bromochloromethane	0.21	U	0.21	1.0	µg/L	1	03/10/05 12:42	26179
Bromodichloromethane	0.26	U	0.26	0.60	µg/L	1	03/10/05 12:42	26179
Bromoform	0.28	U	0.28	1.0	µg/L	1	03/10/05 12:42	26179
Bromomethane	0.60	U	0.60	1.0	µg/L	1	03/10/05 12:42	26179
2-Butanone	1.8	U	1.8	10	µg/L	1	03/10/05 12:42	26179
Carbon disulfide	0.49	U	0.49	1.0	µg/L	1	03/10/05 12:42	26179
Carbon tetrachloride	0.29	U	0.29	1.0	µg/L	1	03/10/05 12:42	26179
Chlorobenzene	0.15	U	0.15	1.0	µg/L	1	03/10/05 12:42	26179
Chloroethane	0.51	U	0.51	1.0	µg/L	1	03/10/05 12:42	26179
Chloroform	0.23	U	0.23	1.0	µg/L	1	03/10/05 12:42	26179
Chloromethane	0.50	U	0.50	1.0	µg/L	1	03/10/05 12:42	26179
Chloroprene	0.33	U	0.33	1.0	µg/L	1	03/10/05 12:42	26179
Dibromochloromethane	0.19	U	0.19	0.50	µg/L	1	03/10/05 12:42	26179
Dibromomethane	0.30	U	0.30	1.0	µg/L	1	03/10/05 12:42	26179
trans-1,4-Dichloro-2-butene	0.64	U	0.64	10	µg/L	1	03/10/05 12:42	26179
Dichlorodifluoromethane	0.44	U	0.44	1.0	µg/L	1	03/10/05 12:42	26179
1,1-Dichloroethane	0.26	U	0.26	1.0	µg/L	1	03/10/05 12:42	26179
1,2-Dichloroethane	0.19	U	0.19	1.0	µg/L	1	03/10/05 12:42	26179

Data * Value exceeds Maximum Contaminant Level I Analyte detected below quantitation limits
Qualifier U Not Detected Above the MDL
Code Key:

Analytical Report

CLIENT: Pasco County Environmental Laboratory
Lab Order: F05030164
Project: WP CL III Landfill
Lab ID: F05030164-001

Client Sample ID: Tank-1
Collection Date: 3/2/2005 11:30:00 AM
Sample Description: Leachate
Matrix: Waste Water

Analyses	Result	Qual	MDL	RL	Units	DF	Date Analyzed	Batch ID
8260: VOLATILE ORGANIC COMPOUNDS			SW8260	PrepDate:	3/10/2005		Analyst: JSA	
1,1-Dichloroethene	0.40	U	0.40	1.0	µg/L	1	03/10/05 12:42	26179
cis-1,2-Dichloroethene	0.17	U	0.17	1.0	µg/L	1	03/10/05 12:42	26179
trans-1,2-Dichloroethene	0.17	U	0.17	1.0	µg/L	1	03/10/05 12:42	26179
1,2-Dichloropropane	0.33	U	0.33	1.0	µg/L	1	03/10/05 12:42	26179
1,3-Dichloropropane	0.24	U	0.24	1.0	µg/L	1	03/10/05 12:42	26179
2,2-Dichloropropane	0.55	U	0.55	1.0	µg/L	1	03/10/05 12:42	26179
1,1-Dichloropropene	0.31	U	0.31	1.0	µg/L	1	03/10/05 12:42	26179
cis-1,3-Dichloropropene	0.23	U	0.23	0.50	µg/L	1	03/10/05 12:42	26179
trans-1,3-Dichloropropene	0.25	U	0.25	0.50	µg/L	1	03/10/05 12:42	26179
Ethyl methacrylate	0.26	U	0.26	1.0	µg/L	1	03/10/05 12:42	26179
Ethylbenzene	1.1		0.20	1.0	µg/L	1	03/10/05 12:42	26179
Hexachlorobutadiene	0.46	U	0.46	0.50	µg/L	1	03/10/05 12:42	26179
2-Hexanone	0.28	U	0.28	10	µg/L	1	03/10/05 12:42	26179
Iodomethane	0.52	U	0.52	1.0	µg/L	1	03/10/05 12:42	26179
Isobutyl Alcohol	7.9	U	7.9	20	µg/L	1	03/10/05 12:42	26179
Methacrylonitrile	3.8	U	3.8	10	µg/L	1	03/10/05 12:42	26179
Methyl methacrylate	0.21	U	0.21	10	µg/L	1	03/10/05 12:42	26179
4-Methyl-2-pentanone	0.26	U	0.26	10	µg/L	1	03/10/05 12:42	26179
Methylene chloride	2.0	U	2.0	5.0	µg/L	1	03/10/05 12:42	26179
Propionitrile	2.8	U	2.8	10	µg/L	1	03/10/05 12:42	26179
Styrene	0.12	U	0.12	1.0	µg/L	1	03/10/05 12:42	26179
1,1,1,2-Tetrachloroethane	0.24	U	0.24	1.0	µg/L	1	03/10/05 12:42	26179
1,1,2,2-Tetrachloroethane	0.44	U	0.44	0.50	µg/L	1	03/10/05 12:42	26179
Tetrachloroethene	0.17	U	0.17	1.0	µg/L	1	03/10/05 12:42	26179
Toluene	1.4		0.35	1.0	µg/L	1	03/10/05 12:42	26179
1,1,1-Trichloroethane	0.33	U	0.33	1.0	µg/L	1	03/10/05 12:42	26179
1,1,2-Trichloroethane	0.17	U	0.17	1.0	µg/L	1	03/10/05 12:42	26179
Trichloroethene	0.27	U	0.27	1.0	µg/L	1	03/10/05 12:42	26179
Trichlorofluoromethane	0.50	U	0.50	1.0	µg/L	1	03/10/05 12:42	26179
1,2,3-Trichloropropane	0.24	U	0.24	0.50	µg/L	1	03/10/05 12:42	26179
Vinyl acetate	0.46	U	0.46	2.0	µg/L	1	03/10/05 12:42	26179
Vinyl chloride	0.43	U	0.43	1.0	µg/L	1	03/10/05 12:42	26179
Xylenes, Total	1.4		0.32	1.0	µg/L	1	03/10/05 12:42	26179
Surr: 4-Bromofluorobenzene	91.5		0	83.5-110	%REC	1	03/10/05 12:42	26179
Surr: Dibromofluoromethane	90.4		0	86.3-115	%REC	1	03/10/05 12:42	26179
Surr: Toluene-d8	93.8		0	85.3-114	%REC	1	03/10/05 12:42	26179

Data * Value exceeds Maximum Contaminant Level
Qualifier U Not Detected Above the MDL
Code Key:

I Analyte detected below quantitation limits

Analytical Report

CLIENT: Pasco County Environmental Laboratory
Lab Order: F05030164
Project: WP CL IIII Landfill
Lab ID: F05030164-001

Client Sample ID: Tank-1
Collection Date: 3/2/2005 11:30:00 AM
Sample Description: Leachate
Matrix: Waste Water

Analyses	Result	Qual	MDL	RL	Units	DF	Date Analyzed	Batch ID
8260: VOLATILE ORGANIC COMPOUNDS								
Surr: 1,2-Dichloroethane-d4	91.8		0	79-130	%REC	1	03/10/05 12:42	26179
8270: SEMIVOLATILE ORGANICS								
Acenaphthene	0.86	U	0.86	5.0	µg/L	1	03/10/05 04:39	26081
Acenaphthylene	0.95	U	0.95	5.0	µg/L	1	03/10/05 04:39	26081
Acetophenone	1.4	U	1.4	5.0	µg/L	1	03/10/05 04:39	26081
2-Acetylaminofluorene	0.65	U	0.65	5.0	µg/L	1	03/10/05 04:39	26081
4-Aminobiphenyl	2.8	U	2.8	5.0	µg/L	1	03/10/05 04:39	26081
Anthracene	0.60	U	0.60	5.0	µg/L	1	03/10/05 04:39	26081
Benzo(a)anthracene	0.63	U	0.63	5.0	µg/L	1	03/10/05 04:39	26081
Benzo(a)pyrene	0.58	U	0.58	1.0	µg/L	1	03/10/05 04:39	26081
Benzo(b)fluoranthene	0.62	U	0.62	2.0	µg/L	1	03/10/05 04:39	26081
Benzo(g,h,i)perylene	0.68	U	0.68	5.0	µg/L	1	03/10/05 04:39	26081
Benzo(k)fluoranthene	0.51	U	0.51	4.0	µg/L	1	03/10/05 04:39	26081
Benzyl alcohol	1.0	U	1.0	5.0	µg/L	1	03/10/05 04:39	26081
Bis(2-chloroethoxy)methane	3.0	U	3.0	5.0	µg/L	1	03/10/05 04:39	26081
Bis(2-chloroethyl)ether	0.75	U	0.75	4.0	µg/L	1	03/10/05 04:39	26081
Bis(2-chloroisopropyl)ether	0.73	U	0.73	5.0	µg/L	1	03/10/05 04:39	26081
Bis(2-ethylhexyl)phthalate	5.0		0.80	5.0	µg/L	1	03/10/05 04:39	26081
4-Bromophenyl phenyl ether	0.67	U	0.67	5.0	µg/L	1	03/10/05 04:39	26081
Butyl benzyl phthalate	0.72	U	0.72	5.0	µg/L	1	03/10/05 04:39	26081
4-Chloro-3-methylphenol	0.62	U	0.62	20	µg/L	1	03/10/05 04:39	26081
4-Chloroaniline	1.2	U	1.2	5.0	µg/L	1	03/10/05 04:39	26081
2-Chloronaphthalene	0.80	U	0.80	5.0	µg/L	1	03/10/05 04:39	26081
2-Chlorophenol	0.68	U	0.68	5.0	µg/L	1	03/10/05 04:39	26081
4-Chlorophenyl phenyl ether	0.63	U	0.63	5.0	µg/L	1	03/10/05 04:39	26081
Chrysene	0.37	U	0.37	5.0	µg/L	1	03/10/05 04:39	26081
Diallate	1.3	U	1.3	5.0	µg/L	1	03/10/05 04:39	26081
Dibenzo(a,h)anthracene	0.65	U	0.65	2.0	µg/L	1	03/10/05 04:39	26081
Dibenzofuran	0.67	U	0.67	5.0	µg/L	1	03/10/05 04:39	26081
1,2-Dichlorobenzene	0.68	U	0.68	5.0	µg/L	1	03/10/05 04:39	26081
1,3-Dichlorobenzene	0.76	U	0.76	5.0	µg/L	1	03/10/05 04:39	26081
1,4-Dichlorobenzene	0.77	U	0.77	5.0	µg/L	1	03/10/05 04:39	26081
3,3'-Dichlorobenzidine	0.69	U	0.69	10	µg/L	1	03/10/05 04:39	26081
2,4-Dichlorophenol	0.56	U	0.56	2.0	µg/L	1	03/10/05 04:39	26081
2,6-Dichlorophenol	0.62	U	0.62	4.0	µg/L	1	03/10/05 04:39	26081

Data * Value exceeds Maximum Contaminant Level
Qualifier U Not Detected Above the MDL
Code Key:

I Analyte detected below quantitation limits

Analytical Report

CLIENT: Pasco County Environmental Laboratory
Lab Order: F05030164
Project: WP CL IIII Landfill
Lab ID: F05030164-001

Client Sample ID: Tank-1
Collection Date: 3/2/2005 11:30:00 AM
Sample Description: Leachate
Matrix: Waste Water

Analyses	Result	Qual	MDL	RL	Units	DF	Date Analyzed	Batch ID
8270: SEMIVOLATILE ORGANICS								
		SW8270					PrepDate: 3/8/2005 2:00:00 PM	Analyst: TKA
Diethyl phthalate	4.5	I	0.51	5.0	µg/L	1	03/10/05 04:39	26081
Dimethyl phthalate	0.98	I	0.64	5.0	µg/L	1	03/10/05 04:39	26081
p-Dimethylaminoazobenzene	0.67	U	0.67	5.0	µg/L	1	03/10/05 04:39	26081
7,12-Dimethylbenz(a)anthracene	2.0	U	2.0	5.0	µg/L	1	03/10/05 04:39	26081
3,3'-Dimethylbenzidine	3.1	U	3.1	10	µg/L	1	03/10/05 04:39	26081
2,4-Dimethylphenol	1.6	U	1.6	5.0	µg/L	1	03/10/05 04:39	26081
Di-n-butyl phthalate	3.4	I	0.41	5.0	µg/L	1	03/10/05 04:39	26081
4,6-Dinitro-2-methylphenol	1.3	U	1.3	20	µg/L	1	03/10/05 04:39	26081
1,3-Dinitrobenzene	0.68	U	0.68	8.0	µg/L	1	03/10/05 04:39	26081
2,4-Dinitrophenol	1.6	U	1.6	20	µg/L	1	03/10/05 04:39	26081
2,4-Dinitrotoluene	0.53	U	0.53	2.0	µg/L	1	03/10/05 04:39	26081
2,6-Dinitrotoluene	1.2	U	1.2	2.0	µg/L	1	03/10/05 04:39	26081
Di-n-octyl phthalate	0.90	U	0.90	5.0	µg/L	1	03/10/05 04:39	26081
1,2-Diphenylhydrazine	0.66	U	0.66	5.0	µg/L	1	03/10/05 04:39	26081
Ethyl methanesulfonate	0.90	U	0.90	5.0	µg/L	1	03/10/05 04:39	26081
Fluoranthene	0.54	U	0.54	5.0	µg/L	1	03/10/05 04:39	26081
Fluorene	0.56	U	0.56	5.0	µg/L	1	03/10/05 04:39	26081
Hexachlorobenzene	0.80	U	0.80	1.0	µg/L	1	03/10/05 04:39	26081
Hexachlorocyclopentadiene	1.3	U	1.3	5.0	µg/L	1	03/10/05 04:39	26081
Hexachloroethane	0.71	U	0.71	5.0	µg/L	1	03/10/05 04:39	26081
Hexachloropropene	1.4	U	1.4	5.0	µg/L	1	03/10/05 04:39	26081
Indeno(1,2,3-cd)pyrene	0.73	U	0.73	2.0	µg/L	1	03/10/05 04:39	26081
Isodrin	0.54	U	0.54	5.0	µg/L	1	03/10/05 04:39	26081
Isophorone	0.73	U	0.73	5.0	µg/L	1	03/10/05 04:39	26081
Isosafrole	0.60	U	0.60	5.0	µg/L	1	03/10/05 04:39	26081
Kepone	1.8	U	1.8	5.0	µg/L	1	03/10/05 04:39	26081
Methapyrilene	1.6	U	1.6	5.0	µg/L	1	03/10/05 04:39	26081
Methyl methanesulfonate	1.0	U	1.0	5.0	µg/L	1	03/10/05 04:39	26081
3-Methylcholanthrene	1.0	U	1.0	5.0	µg/L	1	03/10/05 04:39	26081
2-Methylnaphthalene	0.99	U	0.99	5.0	µg/L	1	03/10/05 04:39	26081
2-Methylphenol	0.73	U	0.73	5.0	µg/L	1	03/10/05 04:39	26081
3&4-Methylphenol	0.66	U	0.66	10	µg/L	1	03/10/05 04:39	26081
Naphthalene	0.78	U	0.78	5.0	µg/L	1	03/10/05 04:39	26081
1-Naphthylamine	1.0	U	1.0	5.0	µg/L	1	03/10/05 04:39	26081
2-Naphthylamine	0.95	U	0.95	5.0	µg/L	1	03/10/05 04:39	26081
1,4-Naphthoquinone	0.63	U	0.63	5.0	µg/L	1	03/10/05 04:39	26081

Data * Value exceeds Maximum Contaminant Level I Analyte detected below quantitation limits
Qualifier U Not Detected Above the MDL
Code Key:

ELAB, Inc.

8 East Tower Cr., Ormond Beach, FL 32174-8759

Date: 18-Mar-05

Analytical Report

CLIENT: Pasco County Environmental Laboratory
Lab Order: F05030164
Project: WP CL III Landfill
Lab ID: F05030164-001

Client Sample ID: Tank-1
Collection Date: 3/2/2005 11:30:00 AM
Sample Description: Leachate
Matrix: Waste Water

Analyses	Result	Qual	MDL	RL	Units	DF	Date Analyzed	Batch ID
8270: SEMIVOLATILE ORGANICS			SW8270					
Surr: p-Terphenyl-d14	121		0	10-123	%REC	1	03/10/05 04:39	26081
Surr: 2,4,6-Tribromophenol	97.5		0	10-110	%REC	1	03/10/05 04:39	26081

PrepDate: 3/8/2005 2:00:00 PM Analyst: TKA

Data Qualifier Code Key:
* Value exceeds Maximum Contaminant Level
U Not Detected Above the MDL

I Analyte detected below quantitation limits



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654
PHONE 727-847-8902

DHRS E44123
CONTACTS:
GLORIA KRUEGER
BILL WARGO

REPORT OF ANALYSES

West Pasco
Class III Landfill
Hays Road
Shady Hills, Fl
John Power

Date: 3/22/2005

SAMPLE NUMBER AA47979
DATE SAMPLED 3/2/2005
DATE RECEIVED 3/2/2005
TIME RECEIVED 16:00

SAMPLE ID TANK 2 @ WP CLASS III
SAMPLER CSC
DELIVERED BY CSC

SAMPLE MATRIX Leac
TIME SAMPLED 13:00
RECEIVED BY GK
SAMPLE TYPE
Pumped

ANALYSIS	ANALYSIS						DET. LIMIT
	METHOD	DATE	TIME	BY	RESULT	QUAL. UNIT	
Color by Observation	Observation	3/2/2005	13:00	CSC	TAN		
Conductivity Field	SM2510B	3/2/2005	13:00	CSC	3830	umhos/	
Dissolved Oxygen Field	SM4500OG	3/2/2005	13:00	CSC	4.00	mg/L	0.00
pH Field	SM4500HB	3/2/2005	13:00	CSC	7.22	std unit	
Temperature Field	SM2550B	3/2/2005	13:00	CSC	19.40	deg C	
Iron, Total, Flame	SM3111B	3/4/2005	10:30	TER	5.63	mg/L	0.03
Mercury, Total, CVAA	SM3112B	3/9/2005	14:35	TER	<0.0005	U mg/L	0.0005
Sodium, Total, Flame	SM3111B	3/4/2005	10:05	TER	370	mg/L	0.10
Ammonia	SM4500NH3	3/4/2005	8:00	IF	219	mg/L	0.08
Nitrate	SM4500NO	3/9/2005	8:00	IF	0.26	mg/L	0.03
Total Dissolved Solids	SM2540C	3/8/2005	15:00	JK	1860	mg/L	15.9

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654
PHONE 727-847-8902

DHRS E44123
CONTACTS:
GLORIA KRUEGER
BILL WARGO

REPORT OF ANALYSES

West Pasco
Class III Landfill
Hays Road
Shady Hills, Fl
John Power

Date: 3/22/2005

SAMPLE NUMBER AA47979
DATE SAMPLED 3/2/2005
DATE RECEIVED 3/2/2005
TIME RECEIVED 16:00

SAMPLE ID TANK 2 @ WP CLASS III
SAMPLER CSC
DELIVERED BY CSC

SAMPLE MATRIX Leac
TIME SAMPLED 13:00
RECEIVED BY GK
SAMPLE TYPE
Pumped

ANALYSIS

Bicarbonate Alkalinity
Chloride

		ANALYSIS						DET.
METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT	
SM2320B	3/7/2005	15:00	JK	1442		mgCa	3.51	
SM4500CLE	3/3/2005	10:00	JK	490		mg/L	0.45	

ANALYSIS COMMENTS:

LABORATORY DIRECTOR 

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123

PART III ANALYTICAL RESULTS

Facility GMS #: 4051M30035

Sampling Date/Time: 03/02/05 @ 1300

Test Site ID #: NA

Report Period: 2005 / Quarter I
(year/quarter)

Well Name: Tank #2

Well Purged (Y/N): YES

Classification of Groundwater: NA

Well Type: () Background
() Intermediate
() Compliance
() Other

Groundwater Elevation (NGVD): _____

or (MSL): _____

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results / Units	Detection Limits / Units
000620	Nitrate	Well Wiz. Ded. Mon. System	No	SM 4500N ₃ F	03/09/05 0800	0.26 mg/L	0.11 mg/L
000940	Chloride	"	"	SM 4500C1-B	03/03/05 1000	490 mg/L	0.15 mg/L
000400	pH-Field	"	"	SM 4500H+B	03/02/05 1300	7.22 Std. Units	0.01 Std. Units
070300	Total Dis. Solids	"	"	SM 2540C	03/08/05 1500	1,860 mg/L	1 mg/L
000344	Dissolved Oxygen	"	"	SM 4500 O G	03/02/05 1300	4.00 mg/L	0.01 mg/L
000410	Bicarbonate	"	"	SM 2320B	03/07/05 1500	1,442 mg/L	1 mg/L
000095	Specific Cond. (Field)	"	"	SM 2510B	03/02/05 1300	3,830 µmhos/cm	0.00 µmhos/cm
000010	Temperature (Field)	"	"	SM 2550B	03/02/05 1300	19.40 °C	0 °C
000610	Ammonia	"	"	SM 4500NH ₃ B	03/04/05 0800	219 mg/L	0.03 mg/L
900216	Color	"	"	SN 2120B	03/02/05 1300	TAN PCU	0.0 PCU
001045	Iron	"	"	SM 3113B	03/04/05 1030	5.63 mg/L	0.001 mg/L
000929	Sodium	"	"	SM 3111B	03/04/05 1005	370 mg/L	0.01 mg/L
071900	Mercury	"	"	SM 3112B	03/09/05 1435	<0.0005 mg/L	0.0002 mg/L
000612	NH ₄ -N	"	"	DEP SOP 10/03/83		mg/L	0.02 mg/L

*Attach Laboratory Reports

Analytical Report

CLIENT: Pasco County Environmental Laboratory
Lab Order: F05030164
Project: WP CL IIII Landfill
Lab ID: F05030164-002

Client Sample ID: Tank-2
Collection Date: 3/2/2005 1:00:00 PM
Sample Description: Leachate
Matrix: Waste Water

Analyses	Result	Qual	MDL	RL	Units	DF	Date Analyzed	Batch ID									
CYANIDE, TOTAL																	
Cyanide	0.0027	U	0.0027	0.010	mg/L	1	03/09/05 19:41	26138									
<table style="width: 100%; border: none;"> <tr> <td style="width: 30%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;">SW9012</td> <td style="width: 10%;"></td> <td style="width: 10%;">PrepDate: 3/9/2005 12:31:12 P</td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;">Analyst: BJM</td> <td style="width: 10%;"></td> </tr> </table>											SW9012		PrepDate: 3/9/2005 12:31:12 P			Analyst: BJM	
		SW9012		PrepDate: 3/9/2005 12:31:12 P			Analyst: BJM										
SULFIDE																	
Sulfide	0.32	U	0.32	0.10	mg/L	1	03/07/05 12:15	R34463									
<table style="width: 100%; border: none;"> <tr> <td style="width: 30%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;">SW9034</td> <td style="width: 10%;"></td> <td style="width: 10%;">PrepDate:</td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;">Analyst: BJM</td> <td style="width: 10%;"></td> </tr> </table>											SW9034		PrepDate:			Analyst: BJM	
		SW9034		PrepDate:			Analyst: BJM										
ICP METALS																	
<table style="width: 100%; border: none;"> <tr> <td style="width: 30%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;">SW6010</td> <td style="width: 10%;"></td> <td style="width: 10%;">PrepDate: 3/7/2005 10:55:00 A</td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;">Analyst: JKR</td> <td style="width: 10%;"></td> </tr> </table>											SW6010		PrepDate: 3/7/2005 10:55:00 A			Analyst: JKR	
		SW6010		PrepDate: 3/7/2005 10:55:00 A			Analyst: JKR										
Arsenic	0.011		0.0028	0.010	mg/L	1	03/05/05 19:00	26058									
Barium	0.017		0.00023	0.010	mg/L	1	03/05/05 19:00	26058									
Beryllium	0.000056	U	0.000056	0.0010	mg/L	1	03/05/05 19:00	26058									
Cadmium	0.00034	U	0.00034	0.0010	mg/L	1	03/05/05 19:00	26058									
Chromium	0.0021	I	0.00060	0.0050	mg/L	1	03/05/05 19:00	26058									
Cobalt	0.0075	I	0.0016	0.010	mg/L	1	03/05/05 19:00	26058									
Copper	0.0010	I	0.00047	0.0050	mg/L	1	03/05/05 19:00	26058									
Lead	0.0022	U	0.0022	0.010	mg/L	1	03/05/05 19:00	26058									
Nickel	0.017		0.0010	0.0050	mg/L	1	03/05/05 19:00	26058									
Selenium	0.0031	U	0.0031	0.015	mg/L	1	03/05/05 19:00	26058									
Silver	0.00093	U	0.00093	0.0050	mg/L	1	03/05/05 19:00	26058									
Tin	0.0024	I	0.0019	0.050	mg/L	1	03/05/05 19:00	26058									
Vanadium	0.0021	I	0.00073	0.010	mg/L	1	03/05/05 19:00	26058									
Zinc	0.0035	U	0.0035	0.020	mg/L	1	03/05/05 19:00	26058									
ICP/MS METALS																	
<table style="width: 100%; border: none;"> <tr> <td style="width: 30%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;">SW6020</td> <td style="width: 10%;"></td> <td style="width: 10%;">PrepDate: 3/7/2005 10:55:00 A</td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;">Analyst: JCO</td> <td style="width: 10%;"></td> </tr> </table>											SW6020		PrepDate: 3/7/2005 10:55:00 A			Analyst: JCO	
		SW6020		PrepDate: 3/7/2005 10:55:00 A			Analyst: JCO										
Antimony	0.0019		0.00040	0.0010	mg/L	1	03/16/05 16:24	26058									
Thallium	0.00012	U	0.00012	0.0010	mg/L	1	03/16/05 16:24	26058									
MERCURY																	
<table style="width: 100%; border: none;"> <tr> <td style="width: 30%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;">SW7470</td> <td style="width: 10%;"></td> <td style="width: 10%;">PrepDate: 3/7/2005 9:18:11 AM</td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;">Analyst: JKR</td> <td style="width: 10%;"></td> </tr> </table>											SW7470		PrepDate: 3/7/2005 9:18:11 AM			Analyst: JKR	
		SW7470		PrepDate: 3/7/2005 9:18:11 AM			Analyst: JKR										
Mercury	0.000012	U	0.000012	0.00020	mg/L	1	03/08/05 11:21	26064									
8011: EDB AND DBCP																	
<table style="width: 100%; border: none;"> <tr> <td style="width: 30%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;">SW8011</td> <td style="width: 10%;"></td> <td style="width: 10%;">PrepDate: 3/9/2005 2:00:00 PM</td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;">Analyst: EM</td> <td style="width: 10%;"></td> </tr> </table>											SW8011		PrepDate: 3/9/2005 2:00:00 PM			Analyst: EM	
		SW8011		PrepDate: 3/9/2005 2:00:00 PM			Analyst: EM										
1,2-Dibromo-3-chloropropane	0.0055	U	0.0055	0.020	µg/L	1	03/10/05	26116									
Ethylene Dibromide	0.0099	U	0.0099	0.010	µg/L	1	03/10/05	26116									
Surr: 4-Bromofluorobenzene	85.3		0	60-140	%REC	1	03/10/05	26116									
8081: PESTICIDES, ORGANOCHLORINE																	
<table style="width: 100%; border: none;"> <tr> <td style="width: 30%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;">SW8081</td> <td style="width: 10%;"></td> <td style="width: 10%;">PrepDate: 3/9/2005 12:40:00 P</td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;">Analyst: DVA</td> <td style="width: 10%;"></td> </tr> </table>											SW8081		PrepDate: 3/9/2005 12:40:00 P			Analyst: DVA	
		SW8081		PrepDate: 3/9/2005 12:40:00 P			Analyst: DVA										
Aldrin	0.0060	U	0.0060	0.0050	µg/L	1	03/10/05	26085									
alpha-BHC	0.0040	U	0.0040	0.0050	µg/L	1	03/10/05	26085									
beta-BHC	0.0060	U	0.0060	0.020	µg/L	1	03/10/05	26085									
delta-BHC	0.0060	U	0.0060	0.020	µg/L	1	03/10/05	26085									
gamma-BHC	0.0040	U	0.0040	0.020	µg/L	1	03/10/05	26085									

Data * Value exceeds Maximum Contaminant Level I Analyte detected below quantitation limits
Qualifier U Not Detected Above the MDL
Code Key:

Analytical Report

CLIENT: Pasco County Environmental Laboratory
Lab Order: F05030164
Project: WP CL III Landfill
Lab ID: F05030164-002

Client Sample ID: Tank-2
Collection Date: 3/2/2005 1:00:00 PM
Sample Description: Leachate
Matrix: Waste Water

Analyses	Result	Qual	MDL	RL	Units	DF	Date Analyzed	Batch ID
8081: PESTICIDES, ORGANOCHLORINE		SW8081		PrepDate: 3/9/2005 12:40:00 P		Analyst: DVA		
Chlordane	0.080	U	0.080	0.50	µg/L	1	03/10/05	26085
Chlorobenzilate	0.080	U	0.080	0.10	µg/L	1	03/15/05	26085
4,4'-DDD	0.017	I	0.0050	0.020	µg/L	1	03/10/05	26085
4,4'-DDE	0.0080	U	0.0080	0.020	µg/L	1	03/10/05	26085
4,4'-DDT	0.0050	U	0.0050	0.020	µg/L	1	03/10/05	26085
Dieldrin	0.0050	U	0.0050	0.0050	µg/L	1	03/10/05	26085
Endosulfan I	0.0050	U	0.0050	0.020	µg/L	1	03/10/05	26085
Endosulfan II	0.0040	U	0.0040	0.020	µg/L	1	03/10/05	26085
Endosulfan sulfate	0.010	U	0.010	0.020	µg/L	1	03/10/05	26085
Endrin	0.0060	U	0.0060	0.020	µg/L	1	03/10/05	26085
Endrin aldehyde	0.0070	U	0.0070	0.020	µg/L	1	03/10/05	26085
Heptachlor	0.0060	U	0.0060	0.020	µg/L	1	03/10/05	26085
Heptachlor epoxide	0.0060	U	0.0060	0.020	µg/L	1	03/10/05	26085
Methoxychlor	0.0080	U	0.0080	0.020	µg/L	1	03/10/05	26085
Pentachloronitrobenzene	0.027	U	0.027	0.50	µg/L	1	03/15/05	26085
Toxaphene	0.37	U	0.37	0.50	µg/L	1	03/10/05	26085
Surr: Decachlorobiphenyl	82.7		0	20-155	%REC	1	03/10/05	26085
Surr: Tetrachloro-m-xylene	73.2		0	20-155	%REC	1	03/10/05	26085
8082: POLYCHLORINATED BIPHENYLS		SW8082		PrepDate: 3/9/2005 12:40:00 P		Analyst: DVA		
Aroclor 1016	0.10	U	0.10	0.50	µg/L	1	03/11/05	26085
Aroclor 1221	0.16	U	0.16	0.50	µg/L	1	03/11/05	26085
Aroclor 1232	0.11	U	0.11	0.50	µg/L	1	03/11/05	26085
Aroclor 1242	0.16	U	0.16	0.50	µg/L	1	03/11/05	26085
Aroclor 1248	0.13	U	0.13	0.50	µg/L	1	03/11/05	26085
Aroclor 1254	0.10	U	0.10	0.50	µg/L	1	03/11/05	26085
Aroclor 1260	0.11	U	0.11	0.50	µg/L	1	03/11/05	26085
Surr: Decachlorobiphenyl	85.8		0	10-130	%REC	1	03/11/05	26085
Surr: Tetrachloro-m-xylene	86.3		0	10-127	%REC	1	03/11/05	26085
8141: PESTICIDES, ORGANOPHOSPHORUS		SW8141		PrepDate: 3/7/2005 11:15:00 A		Analyst: LSC		
Chlorfenvinphos	0.19	U	0.19	0.50	µg/L	1	03/09/05 01:44	25984
Dimethoate	0.14	U	0.14	0.50	µg/L	1	03/09/05 01:44	25984
Disulfoton	0.20	U	0.20	0.50	µg/L	1	03/09/05 01:44	25984
Famphur	0.22	U	0.22	0.50	µg/L	1	03/09/05 01:44	25984
Parathion, Ethyl	0.34	U	0.34	1.0	µg/L	1	03/09/05 01:44	25984
Parathion, Methyl	0.19	U	0.19	0.50	µg/L	1	03/09/05 01:44	25984

Data * Value exceeds Maximum Contaminant Level
Qualifier U Not Detected Above the MDL
Code Key:

I Analyte detected below quantitation limits

Analytical Report

CLIENT: Pasco County Environmental Laboratory
Lab Order: F05030164
Project: WP CL III Landfill
Lab ID: F05030164-002

Client Sample ID: Tank-2
Collection Date: 3/2/2005 1:00:00 PM
Sample Description: Leachate
Matrix: Waste Water

Analyses	Result	Qual	MDL	RL	Units	DF	Date Analyzed	Batch ID
8141: PESTICIDES, ORGANOPHOSPHORUS		SW8141	PrepDate: 3/7/2005 11:15:00 A		Analyst: LSC			
Phorate	0.38	U	0.38	1.0	µg/L	1	03/09/05 01:44	25984
Surr: 4-Chloro-3-nitrobenzotrifluoride	58.5		0	15-133	%REC	1	03/09/05 01:44	25984
8151: HERBICIDES, CHLORINATED BY GC		SW8151	PrepDate: 3/4/2005 9:00:00 AM		Analyst: EM			
2,4-D	0.15	U	0.15	1.0	µg/L	1	03/09/05	26034
Dinoseb	0.090	U	0.090	0.20	µg/L	1	03/09/05	26034
Pentachlorophenol	0.030	U	0.030	0.040	µg/L	1	03/09/05	26034
2,4,5-T	0.020	U	0.020	0.20	µg/L	1	03/09/05	26034
2,4,5-TP (Silvex)	0.030	U	0.030	0.20	µg/L	1	03/09/05	26034
Surr: DCAA	84.6		0	39-150	%REC	1	03/09/05	26034
8260: VOLATILE ORGANIC COMPOUNDS		SW8260	PrepDate: 3/10/2005		Analyst: JSA			
Acetone	3.7	U	3.7	10	µg/L	1	03/10/05 14:15	26179
Acetonitrile	3.7	U	3.7	10	µg/L	1	03/10/05 14:15	26179
Acrolein	3.0	U	3.0	10	µg/L	1	03/10/05 14:15	26179
Acrylonitrile	2.2	U	2.2	10	µg/L	1	03/10/05 14:15	26179
Allyl chloride	0.39	U	0.39	1.0	µg/L	1	03/10/05 14:15	26179
Benzene	1.3	*	0.23	1.0	µg/L	1	03/10/05 14:15	26179
Bromochloromethane	0.21	U	0.21	1.0	µg/L	1	03/10/05 14:15	26179
Bromodichloromethane	0.26	U	0.26	0.60	µg/L	1	03/10/05 14:15	26179
Bromoform	0.28	U	0.28	1.0	µg/L	1	03/10/05 14:15	26179
Bromomethane	0.60	U	0.60	1.0	µg/L	1	03/10/05 14:15	26179
2-Butanone	1.8	U	1.8	10	µg/L	1	03/10/05 14:15	26179
Carbon disulfide	0.49	U	0.49	1.0	µg/L	1	03/10/05 14:15	26179
Carbon tetrachloride	0.29	U	0.29	1.0	µg/L	1	03/10/05 14:15	26179
Chlorobenzene	0.87	I	0.15	1.0	µg/L	1	03/10/05 14:15	26179
Chloroethane	0.51	U	0.51	1.0	µg/L	1	03/10/05 14:15	26179
Chloroform	0.23	U	0.23	1.0	µg/L	1	03/10/05 14:15	26179
Chloromethane	0.50	U	0.50	1.0	µg/L	1	03/10/05 14:15	26179
Chloroprene	0.33	U	0.33	1.0	µg/L	1	03/10/05 14:15	26179
Dibromochloromethane	0.19	U	0.19	0.50	µg/L	1	03/10/05 14:15	26179
Dibromomethane	0.30	U	0.30	1.0	µg/L	1	03/10/05 14:15	26179
trans-1,4-Dichloro-2-butene	0.64	U	0.64	10	µg/L	1	03/10/05 14:15	26179
Dichlorodifluoromethane	0.44	U	0.44	1.0	µg/L	1	03/10/05 14:15	26179
1,1-Dichloroethane	0.26	U	0.26	1.0	µg/L	1	03/10/05 14:15	26179
1,2-Dichloroethane	0.19	U	0.19	1.0	µg/L	1	03/10/05 14:15	26179

Data * Value exceeds Maximum Contaminant Level I Analyte detected below quantitation limits
Qualifier U Not Detected Above the MDL
Code Key:

Analytical Report

CLIENT: Pasco County Environmental Laboratory
Lab Order: F05030164
Project: WP CL III Landfill
Lab ID: F05030164-002

Client Sample ID: Tank-2
Collection Date: 3/2/2005 1:00:00 PM
Sample Description: Leachate
Matrix: Waste Water

Analyses	Result	Qual	MDL	RL	Units	DF	Date Analyzed	Batch ID
8260: VOLATILE ORGANIC COMPOUNDS			SW8260		PrepDate: 3/10/2005		Analyst: JSA	
1,1-Dichloroethene	0.40	U	0.40	1.0	µg/L	1	03/10/05 14:15	26179
cis-1,2-Dichloroethene	0.17	U	0.17	1.0	µg/L	1	03/10/05 14:15	26179
trans-1,2-Dichloroethene	0.17	U	0.17	1.0	µg/L	1	03/10/05 14:15	26179
1,2-Dichloropropane	0.33	U	0.33	1.0	µg/L	1	03/10/05 14:15	26179
1,3-Dichloropropane	0.24	U	0.24	1.0	µg/L	1	03/10/05 14:15	26179
2,2-Dichloropropane	0.55	U	0.55	1.0	µg/L	1	03/10/05 14:15	26179
1,1-Dichloropropene	0.31	U	0.31	1.0	µg/L	1	03/10/05 14:15	26179
cis-1,3-Dichloropropene	0.23	U	0.23	0.50	µg/L	1	03/10/05 14:15	26179
trans-1,3-Dichloropropene	0.25	U	0.25	0.50	µg/L	1	03/10/05 14:15	26179
Ethyl methacrylate	0.26	U	0.26	1.0	µg/L	1	03/10/05 14:15	26179
Ethylbenzene	0.61	I	0.20	1.0	µg/L	1	03/10/05 14:15	26179
Hexachlorobutadiene	0.46	U	0.46	0.50	µg/L	1	03/10/05 14:15	26179
2-Hexanone	0.28	U	0.28	10	µg/L	1	03/10/05 14:15	26179
Iodomethane	0.52	U	0.52	1.0	µg/L	1	03/10/05 14:15	26179
Isobutyl Alcohol	7.9	U	7.9	20	µg/L	1	03/10/05 14:15	26179
Methacrylonitrile	3.8	U	3.8	10	µg/L	1	03/10/05 14:15	26179
Methyl methacrylate	0.21	U	0.21	10	µg/L	1	03/10/05 14:15	26179
4-Methyl-2-pentanone	0.26	U	0.26	10	µg/L	1	03/10/05 14:15	26179
Methylene chloride	2.0	U	2.0	5.0	µg/L	1	03/10/05 14:15	26179
Propionitrile	2.8	U	2.8	10	µg/L	1	03/10/05 14:15	26179
Styrene	0.12	U	0.12	1.0	µg/L	1	03/10/05 14:15	26179
1,1,1,2-Tetrachloroethane	0.24	U	0.24	1.0	µg/L	1	03/10/05 14:15	26179
1,1,2,2-Tetrachloroethane	0.44	U	0.44	0.50	µg/L	1	03/10/05 14:15	26179
Tetrachloroethene	0.17	U	0.17	1.0	µg/L	1	03/10/05 14:15	26179
Toluene	2.5		0.35	1.0	µg/L	1	03/10/05 14:15	26179
1,1,1-Trichloroethane	0.33	U	0.33	1.0	µg/L	1	03/10/05 14:15	26179
1,1,2-Trichloroethane	0.17	U	0.17	1.0	µg/L	1	03/10/05 14:15	26179
Trichloroethene	0.27	U	0.27	1.0	µg/L	1	03/10/05 14:15	26179
Trichlorofluoromethane	0.50	U	0.50	1.0	µg/L	1	03/10/05 14:15	26179
1,2,3-Trichloropropane	0.24	U	0.24	0.50	µg/L	1	03/10/05 14:15	26179
Vinyl acetate	0.46	U	0.46	2.0	µg/L	1	03/10/05 14:15	26179
Vinyl chloride	0.43	U	0.43	1.0	µg/L	1	03/10/05 14:15	26179
Xylenes, Total	4.1		0.32	1.0	µg/L	1	03/10/05 14:15	26179
Surr: 4-Bromofluorobenzene	92.3		0	83.5-110	%REC	1	03/10/05 14:15	26179
Surr: Dibromofluoromethane	103		0	86.3-115	%REC	1	03/10/05 14:15	26179
Surr: Toluene-d8	102		0	85.3-114	%REC	1	03/10/05 14:15	26179

Data * Value exceeds Maximum Contaminant Level I Analyte detected below quantitation limits
Qualifier U Not Detected Above the MDL
Code Key:

Analytical Report

CLIENT: Pasco County Environmental Laboratory
Lab Order: F05030164
Project: WP CL III Landfill
Lab ID: F05030164-002

Client Sample ID: Tank-2
Collection Date: 3/2/2005 1:00:00 PM
Sample Description: Leachate
Matrix: Waste Water

Analyses	Result	Qual	MDL	RL	Units	DF	Date Analyzed	Batch ID
8260: VOLATILE ORGANIC COMPOUNDS								
Surr: 1,2-Dichloroethane-d4	106		0	79-130	%REC	1	03/10/05 14:15	26179
8270: SEMIVOLATILE ORGANICS								
Acenaphthene	0.86	U	0.86	5.0	µg/L	1	03/10/05 05:14	26081
Acenaphthylene	0.95	U	0.95	5.0	µg/L	1	03/10/05 05:14	26081
Acetophenone	1.4	U	1.4	5.0	µg/L	1	03/10/05 05:14	26081
2-Acetylaminofluorene	0.65	U	0.65	5.0	µg/L	1	03/10/05 05:14	26081
4-Aminobiphenyl	2.8	U	2.8	5.0	µg/L	1	03/10/05 05:14	26081
Anthracene	0.60	U	0.60	5.0	µg/L	1	03/10/05 05:14	26081
Benzo(a)anthracene	0.63	U	0.63	5.0	µg/L	1	03/10/05 05:14	26081
Benzo(a)pyrene	0.58	U	0.58	1.0	µg/L	1	03/10/05 05:14	26081
Benzo(b)fluoranthene	0.62	U	0.62	2.0	µg/L	1	03/10/05 05:14	26081
Benzo(g,h,i)perylene	0.68	U	0.68	5.0	µg/L	1	03/10/05 05:14	26081
Benzo(k)fluoranthene	0.51	U	0.51	4.0	µg/L	1	03/10/05 05:14	26081
Benzyl alcohol	1.0	U	1.0	5.0	µg/L	1	03/10/05 05:14	26081
Bis(2-chloroethoxy)methane	3.0	U	3.0	5.0	µg/L	1	03/10/05 05:14	26081
Bis(2-chloroethyl)ether	0.75	U	0.75	4.0	µg/L	1	03/10/05 05:14	26081
Bis(2-chloroisopropyl)ether	0.73	U	0.73	5.0	µg/L	1	03/10/05 05:14	26081
Bis(2-ethylhexyl)phthalate	8.9	*	0.80	5.0	µg/L	1	03/10/05 05:14	26081
4-Bromophenyl phenyl ether	0.67	U	0.67	5.0	µg/L	1	03/10/05 05:14	26081
Butyl benzyl phthalate	0.72	U	0.72	5.0	µg/L	1	03/10/05 05:14	26081
4-Chloro-3-methylphenol	0.62	U	0.62	20	µg/L	1	03/10/05 05:14	26081
4-Chloroaniline	1.2	U	1.2	5.0	µg/L	1	03/10/05 05:14	26081
2-Chloronaphthalene	0.80	U	0.80	5.0	µg/L	1	03/10/05 05:14	26081
2-Chlorophenol	0.68	U	0.68	5.0	µg/L	1	03/10/05 05:14	26081
4-Chlorophenyl phenyl ether	0.63	U	0.63	5.0	µg/L	1	03/10/05 05:14	26081
Chrysene	0.37	U	0.37	5.0	µg/L	1	03/10/05 05:14	26081
Diallate	1.3	U	1.3	5.0	µg/L	1	03/10/05 05:14	26081
Dibenzo(a,h)anthracene	0.65	U	0.65	2.0	µg/L	1	03/10/05 05:14	26081
Dibenzofuran	0.67	U	0.67	5.0	µg/L	1	03/10/05 05:14	26081
1,2-Dichlorobenzene	0.68	U	0.68	5.0	µg/L	1	03/10/05 05:14	26081
1,3-Dichlorobenzene	0.76	U	0.76	5.0	µg/L	1	03/10/05 05:14	26081
1,4-Dichlorobenzene	0.77	U	0.77	5.0	µg/L	1	03/10/05 05:14	26081
3,3'-Dichlorobenzidine	0.69	U	0.69	10	µg/L	1	03/10/05 05:14	26081
2,4-Dichlorophenol	0.56	U	0.56	2.0	µg/L	1	03/10/05 05:14	26081
2,6-Dichlorophenol	0.62	U	0.62	4.0	µg/L	1	03/10/05 05:14	26081

Data * Value exceeds Maximum Contaminant Level I Analyte detected below quantitation limits
Qualifier U Not Detected Above the MDL
Code Key:

Analytical Report

CLIENT: Pasco County Environmental Laboratory
Lab Order: F05030164
Project: WP CL III Landfill
Lab ID: F05030164-002

Client Sample ID: Tank-2
Collection Date: 3/2/2005 1:00:00 PM
Sample Description: Leachate
Matrix: Waste Water

Analyses	Result	Qual	MDL	RL	Units	DF	Date Analyzed	Batch ID
8270: SEMIVOLATILE ORGANICS								
		SW8270					PrepDate: 3/8/2005 2:00:00 PM	Analyst: TKA
2-Nitroaniline	0.60	U	0.60	5.0	µg/L	1	03/10/05 05:14	26081
3-Nitroaniline	0.99	U	0.99	5.0	µg/L	1	03/10/05 05:14	26081
4-Nitroaniline	0.69	U	0.69	4.0	µg/L	1	03/10/05 05:14	26081
Nitrobenzene	1.1	U	1.1	4.0	µg/L	1	03/10/05 05:14	26081
5-Nitro-o-toluidine	1.3	U	1.3	5.0	µg/L	1	03/10/05 05:14	26081
2-Nitrophenol	0.81	U	0.81	5.0	µg/L	1	03/10/05 05:14	26081
4-Nitrophenol	1.1	U	1.1	20	µg/L	1	03/10/05 05:14	26081
N-Nitrosodiethylamine	0.73	U	0.73	4.0	µg/L	1	03/10/05 05:14	26081
N-Nitrosodimethylamine	0.97	U	0.97	2.0	µg/L	1	03/10/05 05:14	26081
N-Nitroso-di-n-butylamine	0.55	U	0.55	4.0	µg/L	1	03/10/05 05:14	26081
N-Nitroso-di-n-propylamine	0.94	U	0.94	4.0	µg/L	1	03/10/05 05:14	26081
N-Nitrosodiphenylamine	0.50	U	0.50	5.0	µg/L	1	03/10/05 05:14	26081
N-Nitrosomethylethylamine	0.74	U	0.74	5.0	µg/L	1	03/10/05 05:14	26081
N-Nitrosopiperidine	0.64	U	0.64	5.0	µg/L	1	03/10/05 05:14	26081
N-Nitrosopyrrolidine	0.88	U	0.88	5.0	µg/L	1	03/10/05 05:14	26081
Pentachlorobenzene	0.78	U	0.78	5.0	µg/L	1	03/10/05 05:14	26081
Phenacetin	0.53	U	0.53	5.0	µg/L	1	03/10/05 05:14	26081
Phenanthrene	0.52	U	0.52	5.0	µg/L	1	03/10/05 05:14	26081
Phenol	5.3		0.54	5.0	µg/L	1	03/10/05 05:14	26081
1,4-Phenylenediamine	0.54	U	0.54	5.0	µg/L	1	03/10/05 05:14	26081
Pronamide	1.1	U	1.1	5.0	µg/L	1	03/10/05 05:14	26081
Pyrene	0.68	U	0.68	5.0	µg/L	1	03/10/05 05:14	26081
Safrole	0.85	U	0.85	5.0	µg/L	1	03/10/05 05:14	26081
1,2,4,5-Tetrachlorobenzene	0.70	U	0.70	5.0	µg/L	1	03/10/05 05:14	26081
2,3,4,6/2,3,4,5-Tetrachlorophenol	3.8	U	3.8	10	µg/L	1	03/10/05 05:14	26081
Thionazin	0.61	U	0.61	5.0	µg/L	1	03/10/05 05:14	26081
o-Toluidine	1.1	U	1.1	5.0	µg/L	1	03/10/05 05:14	26081
1,2,4-Trichlorobenzene	0.83	U	0.83	5.0	µg/L	1	03/10/05 05:14	26081
2,4,5-Trichlorophenol	0.52	U	0.52	4.0	µg/L	1	03/10/05 05:14	26081
2,4,6-Trichlorophenol	0.69	U	0.69	2.0	µg/L	1	03/10/05 05:14	26081
o,o,o-Triethylphosphorothioate	0.69	U	0.69	5.0	µg/L	1	03/10/05 05:14	26081
1,3,5-Trinitrobenzene	1.2	U	1.2	5.0	µg/L	1	03/10/05 05:14	26081
Surr: 2-Fluorobiphenyl	54.3		0	18-110	%REC	1	03/10/05 05:14	26081
Surr: 2-Fluorophenol	33.4		0	18-110	%REC	1	03/10/05 05:14	26081
Surr: Nitrobenzene-d5	54.7		0	10-110	%REC	1	03/10/05 05:14	26081
Surr: Phenol-d6	29.2		0	10-110	%REC	1	03/10/05 05:14	26081

Data * Value exceeds Maximum Contaminant Level I Analyte detected below quantitation limits
Qualifier U Not Detected Above the MDL
Code Key:

ELAB, Inc.

8 East Tower Cr., Ormond Beach, FL 32174-8759

Date: 18-Mar-05

Analytical Report

CLIENT: Pasco County Environmental Laboratory
Lab Order: F05030164
Project: WP CL IIII Landfill
Lab ID: F05030164-002

Client Sample ID: Tank-2
Collection Date: 3/2/2005 1:00:00 PM
Sample Description: Leachate
Matrix: Waste Water

Analyses	Result	Qual	MDL	RL	Units	DF	Date Analyzed	Batch ID
8270: SEMIVOLATILE ORGANICS		SW8270						
Surr: p-Terphenyl-d14	75.3		0	10-123	%REC	1	03/10/05 05:14	26081
Surr: 2,4,6-Tribromophenol	75.3		0	10-110	%REC	1	03/10/05 05:14	26081

PrepDate: 3/8/2005 2:00:00 PM Analyst: TKA

Data Qualifier Code Key:
* Value exceeds Maximum Contaminant Level
U Not Detected Above the MDL

I Analyte detected below quantitation limits