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JTM
6/24/10



PASCO COUNTY, FLORIDA

DADE CITY (352) 511-4274
LAND O' LAKES (813) 996-7341
NEW PORT RICHEY (727) 847-8145

UTILITIES SERVICES BRANCH
PUB. WKS./UTILITIES BLDG. S-213
7530 LITTLE ROAD
NEW PORT RICHEY, FL 34654

21 May 2008

Mr. John Morris
Environmental Specialist III
Waste Management Section
Florida Department of
Environmental Protection
13051 N. Telecom Pkwy.
Temple Terrace, FL 33637

Dept. Of Environmental Protection

MAY 23 2008

Southwest District

RE: West Pasco Class I Landfill
Groundwater Monitoring
Semester I, 2008

Dear Mr. Morris

Enclosed please find the groundwater monitoring results from monitoring wells 2MW1, 4MW1, 2MW2, 4MW2, 2MW4, 4MW4, 2MW5, 4MW5, 2MW6, 4MW6, 4MW11D, 4MW12D, 2MW13D, 4MW13D, 4MW14D, 2MW15D, 2MW17S, 2MW18D, 2MW19D, and 2MW20D at the West Pasco Class I landfill for the first semester (Jan - Jun) 2008 sampling period.

All the wells were analyzed for the parameters listed in 62-701(8)(a) Florida Administrative Code. Associated Quality Assurance/Quality Control data is also included for all analyses. Finally, a groundwater contour map for this site is included in this submittal.

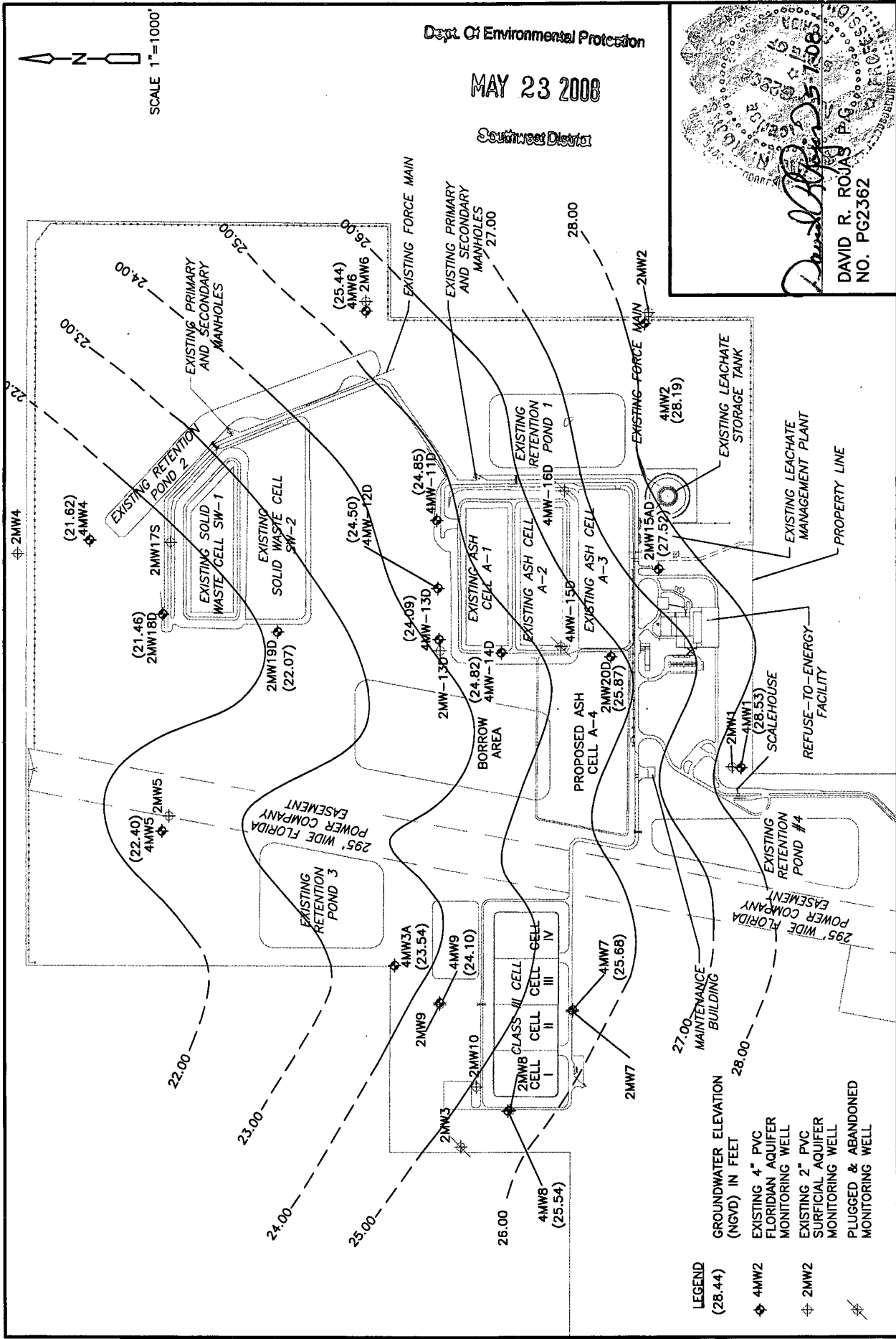
If you have any questions please feel free to contact me.

Sincerely,

Candia E. Mulhern
Laboratory Manager

Enc.: 1

cc: MS 4565 Solid Waste Section, Florida DEP, 2600 Blair Stone Rd., Tallahassee, FL 32399-2400
Bruce E. Kennedy, P.E., Assistant County Administrator (Utilities Services)
Robert J. Sigmond, Utilities Fiscal Services/Special Projects Director
John Power, Solid Waste Facility Manager



Florida Aquifer Groundwater Contours
Based on Water Level Measurements
Obtained By Pasco County On
March 4 & March 31, 2008

West Pasco Landfill And
Resource Recovery Facility
Pasco County Board Of County Commissioners
Utilities Services Branch, Pasco County, Florida



consulting • engineering • construction • operations

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030

Sampling Date/Time: 04/01/08 15:20

Test Site ID #: 4051A16506

Report Period: 2008 / Quarter I
(year/quarter)

Well Name: 2MW-1

Well Purged (Y/N): YES

Classification of Groundwater: Surficial

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

Groundwater Elevation (NGVD): Dry

or (MSL):

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000929	Sodium	Well Wiz. Ded. Mon. System	No	SM 3111B		Dry mg/L	0.10 mg/L
001045	Iron	"	"	SM 3111B		Dry mg/L	0.02 mg/L
071900	Mercury	"	"	SM 3112B		Dry mg/L	0.0005 mg/L
000400	pH-Field	"	"	SM 4500H+B		Dry Std. Units	0.01 Std. Units
000010	Temperature (Field)	"	"	SM 2550B		Dry °C	0 °C
000095	Specific Cond. (Field)	"	"	SM 2510B		Dry µmhos/cm	0.0 µmhos/cm
000344	D.O. (Field)	"	"	SM 45000G		Dry mg/L	0.0 mg/L
082079	Turbidity	"	"	SM 2130B		Dry NTU	0.01 NTU
000940	Chloride	"	"	SM 4500Cl-B		Dry mg/L	0.47 mg/L
070300	Total Dis. Solids	"	"	SM 2540C		Dry mg/L	17.3 mg/L
000610	Ammonia	"	"	SM 4500NH ₃ H		Dry mg/L	0.08 mg/L
000620	Nitrate	"	"	SM 4500N ₃ F		Dry mg/L	0.03 mg/L
072020	Water Level (MSL)	"	"			Dry Feet	Feet

*Attach Laboratory Reports

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030

Sampling Date/Time: 04/01/08 15:04

Test Site ID #: 4051A16511

Report Period: 2008 / Quarter I
(year/quarter)

Well Name: 4MW-1

Well Purged (Y/N): YES

Classification of Groundwater: Floridan

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

Groundwater Elevation (NGVD): 28.53

or (MSL):

MGL's on
PASCO CO. LAB
REPORT OF RESULTS

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units	
000929	Sodium	Well Wiz. Ded. Mon. System	No	SM 3111B	04/04/08 10:15	50.7 mg/L	0.10 mg/L	0.2
001045	Iron	"	"	SM 3111B	04/04/08 10:40	0.03 mg/L	0.02 mg/L	0.01
071900	Mercury	"	"	SM 3112B	04/18/08 10:00	<0.0005 mg/L	0.0005 mg/L	
000400	pH-Field	"	"	SM 4500H+B	04/01/08 15:04	6.97 Std. Units	0.01 Std. Units	
000010	Temperature (Field)	"	"	SM 2550B	04/01/08 15:04	25.34 °C	0 °C	
000095	Specific Cond. (Field)	"	"	SM 2510B	04/01/08 15:04	702 µmhos/cm	0.0 µmhos/cm	
000344	D.O. (Field)	"	"	SM 45000G	04/01/08 15:04	1.29 mg/L	0.0 mg/L	
082079	Turbidity	"	"	SM 2130B	04/01/08 17:00	0.597 NTU	0.01 NTU	
000940	Chloride	"	"	SM 4500Cl-B	04/22/08 14:00	131 mg/L	0.47 mg/L	0.33
070300	Total Dis. Solids	"	"	SM 2540C	04/02/08 16:30	508 mg/L	17.3 mg/L	18.4
000610	Ammonia	"	"	SM 4500NH ₃ H	04/09/08 8:00	<0.04 mg/L	0.08 mg/L	0.04
000620	Nitrate	"	"	SM 4500NO ₃ F	04/11/08 9:00	<0.02 mg/L	0.03 mg/L	0.02
072020	Water Level (MSL)	"	"		04/01/08 15:04	28.53 Feet	Feet	

*Attach Laboratory Reports

SOUTHERN ANALYTICAL LABORATORIES, INC.

110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677 813-855-1844 fax 813-855-2218



Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654-

April 14, 2008
Project No: 81201

Laboratory Report

Project Name	Resource Recovery
Sample Description	4MW-1
Matrix	Groundwater
SAL Sample Number	81201.01
Date/Time Collected	04/01/08 15:04
Date/Time Received	04/02/08 14:52

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
Volatile Organic Compounds - Appendix I							
1,1,1,2-Tetrachloroethane	ug/l	0.12 U	EPA 8260	0.12	04/02/08 18:28		JRW
1,1,1-Trichloroethane	ug/l	0.09 U	EPA 8260	0.09	04/02/08 18:28		JRW
1,1,2,2-Tetrachloroethane	ug/l	0.12 U	EPA 8260	0.12	04/02/08 18:28		JRW
1,1,2-Trichloroethane	ug/l	0.23 U	EPA 8260	0.23	04/02/08 18:28		JRW
1,1-Dichloroethane	ug/l	0.12 U	EPA 8260	0.12	04/02/08 18:28		JRW
1,1-Dichloroethene	ug/l	0.14 U	EPA 8260	0.14	04/02/08 18:28		JRW
1,2,3-Trichloropropane	ug/l	0.18 U	EPA 8260	0.18	04/02/08 18:28		JRW
1,2-Dibromo-3-chloropropane	ug/l	0.24 U	EPA 8260	0.24	04/02/08 18:28		JRW
1,2-Dibromoethane	ug/l	0.13 U	EPA 8260	0.13	04/02/08 18:28		JRW
1,2-Dichlorobenzene	ug/l	0.13 U	EPA 8260	0.13	04/02/08 18:28		JRW
1,2-Dichloroethane	ug/l	0.12 U	EPA 8260	0.12	04/02/08 18:28		JRW
1,2-Dichloropropane	ug/l	0.06 U	EPA 8260	0.06	04/02/08 18:28		JRW
1,4-Dichlorobenzene	ug/l	0.13 U	EPA 8260	0.13	04/02/08 18:28		JRW
2-Hexanone	ug/l	0.33 U	EPA 8260	0.33	04/02/08 18:28		JRW
Acetone	ug/l	1.9 U	EPA 8260	1.9	04/02/08 18:28		JRW
Acrylonitrile	ug/l	1.6 U	EPA 8260	1.6	04/02/08 18:28		JRW
Benzene	ug/l	0.10 U	EPA 8260	0.10	04/02/08 18:28		JRW
Bromochloromethane	ug/l	0.22 U	EPA 8260	0.22	04/02/08 18:28		JRW
Bromodichloromethane	ug/l	0.13 U	EPA 8260	0.13	04/02/08 18:28		JRW
Bromoform	ug/l	0.10 U	EPA 8260	0.10	04/02/08 18:28		JRW
Bromomethane	ug/l	0.58 U	EPA 8260	0.58	04/02/08 18:28		JRW
Carbon disulfide	ug/l	0.14 U	EPA 8260	0.14	04/02/08 18:28		JRW
Carbon tetrachloride	ug/l	0.22 U	EPA 8260	0.22	04/02/08 18:28		JRW
Chlorobenzene	ug/l	0.04 U	EPA 8260	0.04	04/02/08 18:28		JRW
Chloroethane	ug/l	0.39 U	EPA 8260	0.39	04/02/08 18:28		JRW
Chloroform	ug/l	0.14 U	EPA 8260	0.14	04/02/08 18:28		JRW
Chloromethane	ug/l	0.47 U	EPA 8260	0.47	04/02/08 18:28		JRW
cis-1,2-Dichloroethene	ug/l	0.08 U	EPA 8260	0.08	04/02/08 18:28		JRW
cis-1,3-Dichloropropene	ug/l	0.14 U	EPA 8260	0.14	04/02/08 18:28		JRW
Dibromochloromethane	ug/l	0.15 U	EPA 8260	0.15	04/02/08 18:28		JRW
Dibromomethane	ug/l	0.24 U	EPA 8260	0.24	04/02/08 18:28		JRW
Ethylbenzene	ug/l	0.13 U	EPA 8260	0.13	04/02/08 18:28		JRW
Iodomethane	ug/l	0.16 U	EPA 8260	0.16	04/02/08 18:28		JRW
m,p-Xylenes	ug/l	0.19 U	EPA 8260	0.19	04/02/08 18:28		JRW
MEK (2-Butanone)	ug/l	0.55 U	EPA 8260	0.55	04/02/08 18:28		JRW
Methylene chloride	ug/l	0.13 U	EPA 8260	0.13	04/02/08 18:28		JRW
MIBK (4-Methyl-2-pentanone)	ug/l	0.41 U	EPA 8260	0.41	04/02/08 18:28		JRW
o-Xylene	ug/l	0.12 U	EPA 8260	0.12	04/02/08 18:28		JRW
Styrene	ug/l	0.10 U	EPA 8260	0.10	04/02/08 18:28		JRW
Tetrachloroethene	ug/l	0.16 U	EPA 8260	0.16	04/02/08 18:28		JRW

SOUTHERN ANALYTICAL LABORATORIES, INC.

110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677

813-855-1844 fax 813-855-2218



Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654-

April 14, 2008
Project No: 81201

Laboratory Report

Project Name	Resource Recovery
Sample Description	4MW-1
Matrix	Groundwater
SAL Sample Number	81201.01
Date/Time Collected	04/01/08 15:04
Date/Time Received	04/02/08 14:52

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
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Volatile Organic Compounds - Appendix I

Toluene	ug/l	0.10 U	EPA 8260	0.10	04/02/08 18:28		JRW
trans-1,2-Dichloroethene	ug/l	0.30 U	EPA 8260	0.30	04/02/08 18:28		JRW
trans-1,3-Dichloropropene	ug/l	0.06 U	EPA 8260	0.06	04/02/08 18:28		JRW
trans-1,4-Dichloro-2-butene	ug/l	0.28 U	EPA 8260	0.28	04/02/08 18:28		JRW
Trichloroethene	ug/l	0.12 U	EPA 8260	0.12	04/02/08 18:28		JRW
Trichlorofluoromethane	ug/l	0.21 U	EPA 8260	0.21	04/02/08 18:28		JRW
Vinyl acetate	ug/l	0.53 U	EPA 8260	0.53	04/02/08 18:28		JRW
Vinyl chloride	ug/l	0.38 U	EPA 8260	0.38	04/02/08 18:28		JRW
Xylenes, Total	ug/l	0.12 U	EPA 8260	0.12	04/02/08 18:28		JRW

Pesticide Analyses

Dibromochloropropane	ug/L	0.005 U	EPA 8011	0.005	04/07/08 23:11	04/07/08 13:00	BTJ
Ethylene Dibromide	ug/L	0.005 U	EPA 8011	0.005	04/07/08 23:11	04/07/08 13:00	BTJ

Metals

Silver	mg/l	0.0002 U	EPA 272.2	0.0002	04/09/08 09:13		SMW
Arsenic	mg/l	0.001 U	EPA 206.2	0.001	04/08/08 12:32		SMW
Barium	mg/l	0.030 I	EPA 200.7	0.01	04/04/08 16:47	04/03/08 14:14	LCB
Beryllium	mg/l	0.0001 U	EPA 200.7	0.0001	04/04/08 16:47	04/03/08 14:14	LCB
Cadmium	mg/l	0.001 U	EPA 200.7	0.001	04/04/08 16:47	04/03/08 14:14	LCB
Cobalt	mg/l	0.01 U	EPA 200.7	0.01	04/04/08 16:47	04/03/08 14:14	LCB
Chromium	mg/l	0.01 U	EPA 200.7	0.01	04/04/08 16:47	04/03/08 14:14	LCB
Copper	mg/l	0.005 U	EPA 200.7	0.005	04/04/08 16:47	04/03/08 14:14	LCB
Nickel	mg/l	0.001 U	EPA 200.7	0.001	04/04/08 16:47	04/03/08 14:14	LCB
Lead	mg/l	0.001 U	EPA 239.2	0.001	04/08/08 12:32		SMW
Antimony	mg/l	0.001 U	EPA 204.2	0.001	04/04/08 11:03		SMW
Selenium	mg/l	0.001 U	EPA 270.2	0.001	04/08/08 08:32		SMW
Thallium	mg/l	0.001 U	EPA 279.2	0.001	04/04/08 09:36		SMW
Vanadium	mg/l	0.01 U	EPA 200.7	0.01	04/04/08 16:47	04/03/08 14:14	LCB
Zinc	mg/l	0.0045 I	EPA 200.7	0.003	04/04/08 16:47	04/03/08 14:14	LCB



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

Resource Recovery
Class I Landfill
Hays Road
Shady Hills, Fl
John Power

Date: 4/23/2008

SAMPLE NUMBER AB00122 SAMPLE ID 4MW1 @ RESREC
DATE SAMPLED 4/1/2008
DATE RECEIVED 4/1/2008 SAMPLER WMM
TIME RECEIVED 15:40 DELIVERED BY WMM

SAMPLE MATRIX GW
TIME SAMPLED 15:04
RECEIVED BY CF
SAMPLE TYPE
Pumped

ANALYSIS	ANALYSIS					UNIT	DET. LIMIT
	METHOD	DATE	TIME	BY	RESULT QUAL.		
Color by Observation	Observation	4/1/2008	15:04	WM	CLEAR		
Conductivity Field	SM2510B	4/1/2008	15:04	WM	702	umhos/cm	
Dissolved Oxygen Field	SM4500OG	4/1/2008	15:04	WM	1.29	mg/L	0.00
pH Field	SM4500HB	4/1/2008	15:04	WM	6.97	std units	
Temperature Field	SM2550B	4/1/2008	15:04	WM	25.34	deg C	
Water Level		4/1/2008	15:04	WM	28.53	Feet N.G.V.	
Iron, Total, Flame	SM3111B	4/4/2008	10:40	TER	0.03	mg/L	0.01
Mercury, Total, CVAA	SM3112B	4/18/2008	10:00	TER	<0.0005 U	mg/L	0.0005
Sodium, Total, Flame	SM3111B	4/4/2008	10:15	TER	50.7	mg/L	0.20
Ammonia	SM4500NH3	4/9/2008	8:00	IF	<0.04 U	mg/L	0.04
Nitrate	SM4500NO3	4/11/2008	9:00	IF	<0.02 U	mg/L	0.02

ANALYSIS COMMENTS:

All calculations are on wet weight basis

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

Resource Recovery
Class I Landfill
Hays Road
Shady Hills, Fl
John Power

Date: 4/23/2008

SAMPLE NUMBER AB00122 SAMPLE ID 4MW1 @ RESREC
DATE SAMPLED 4/1/2008
DATE RECEIVED 4/1/2008 SAMPLER WMM
TIME RECEIVED 15:40 DELIVERED BY WMM

SAMPLE MATRIX GW
TIME SAMPLED 15:04
RECEIVED BY CF
SAMPLE TYPE
Pumped

ANALYSIS	ANALYSIS							DET. LIMIT
	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	
Total Dissolved Solids	SM2540C	4/2/2008	16:30	AS	508	X	mg/L	18.4
Chloride	SM4500CLE	4/22/2008	14:00	CEM	131		mg/L	0.33
Turbidity	SM2130B	4/1/2008	17:00	WM	0.597		NTU's	

ANALYSIS COMMENTS:

All calulations are on wet weight basis

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030

Sampling Date/Time: 03/25/08 10:12

Test Site ID #: 4051A16507

Report Period: 2008 Quarter I
(year/quarter)

Well Name: 2MW-2

Well Purged (Y/N): YES

Classification of Groundwater: Surficial

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

Groundwater Elevation (NGVD): 28.65

or (MSL): _____

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000929	Sodium	Well Wiz. Ded. Mon. System	No	SM 3111B	04/01/08 15:30	4.75 mg/L	0.10 mg/L
001045	Iron	"	"	SM 3111B	04/01/08 15:10	0.03 mg/L	0.02 mg/L
071900	Mercury	"	"	SM 3112B	04/02/08 9:10	<0.0005 mg/L	0.0005 mg/L
000400	pH-Field	"	"	SM 4500H+B	03/25/08 10:12	4.94 Std. Units	0.01 Std. Units
000010	Temperature (Field)	"	"	SM 2550B	03/25/08 10:12	21.74 °C	0 °C
000095	Specific Cond. (Field)	"	"	SM 2510B	03/25/08 10:12	93.0 µmhos/cm	0.0 µmhos/cm
000344	D.O. (Field)	"	"	SM 45000G	03/25/08 10:12	5.72 mg/L	0.0 mg/L
082079	Turbidity	"	"	SM 2130B	03/25/08 17:05	0.543 NTU	0.01 NTU
000940	Chloride	"	"	SM 4500Cl-B	03/31/08 12:00	3.12 mg/L	0.47 mg/L
070300	Total Dis. Solids	"	"	SM 2540C	03/25/08 16:00	64 mg/L	17.3 mg/L
000610	Ammonia	"	"	SM 4500NH ₃ H	04/09/08 8:00	<0.04 mg/L	0.08 mg/L
000620	Nitrate	"	"	SM 4500NO ₃ F	03/28/08 9:00	5.58 mg/L	0.03 mg/L
072020	Water Level (MSL)	"	"		03/25/08 10:12	28.65 Feet	Feet

*Attach Laboratory Reports

SOUTHERN ANALYTICAL LABORATORIES, INC.

110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677 813-855-1844 fax 813-855-2218



Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654-

April 3, 2008
Project No: 80944

Laboratory Report

Project Name	Resource Recovery
Sample Description	2 MW 2
Matrix	Groundwater
SAL Sample Number	80944.01
Date/Time Collected	03/25/08 10:12
Date/Time Received	03/26/08 14:15

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
Volatile Organic Compounds - Appendix I							
1,1,1,2-Tetrachloroethane	ug/l	0.12 U	EPA 8260	0.12	03/27/08 05:13		JRW
1,1,1-Trichloroethane	ug/l	0.09 U	EPA 8260	0.09	03/27/08 05:13		JRW
1,1,2,2-Tetrachloroethane	ug/l	0.12 U	EPA 8260	0.12	03/27/08 05:13		JRW
1,1,2-Trichloroethane	ug/l	0.23 U	EPA 8260	0.23	03/27/08 05:13		JRW
1,1-Dichloroethane	ug/l	0.12 U	EPA 8260	0.12	03/27/08 05:13		JRW
1,1-Dichloroethene	ug/l	0.14 U	EPA 8260	0.14	03/27/08 05:13		JRW
1,2,3-Trichloropropane	ug/l	0.18 U	EPA 8260	0.18	03/27/08 05:13		JRW
1,2-Dibromo-3-chloropropane	ug/l	0.24 U	EPA 8260	0.24	03/27/08 05:13		JRW
1,2-Dibromoethane	ug/l	0.13 U	EPA 8260	0.13	03/27/08 05:13		JRW
1,2-Dichlorobenzene	ug/l	0.13 U	EPA 8260	0.13	03/27/08 05:13		JRW
1,2-Dichloroethane	ug/l	0.12 U	EPA 8260	0.12	03/27/08 05:13		JRW
1,2-Dichloropropane	ug/l	0.06 U	EPA 8260	0.06	03/27/08 05:13		JRW
1,4-Dichlorobenzene	ug/l	0.13 U	EPA 8260	0.13	03/27/08 05:13		JRW
2-Hexanone	ug/l	0.33 U	EPA 8260	0.33	03/27/08 05:13		JRW
Acetone	ug/l	1.9 U	EPA 8260	1.9	03/27/08 05:13		JRW
Acrylonitrile	ug/l	1.6 U	EPA 8260	1.6	03/27/08 05:13		JRW
Benzene	ug/l	0.10 U	EPA 8260	0.10	03/27/08 05:13		JRW
Bromochloromethane	ug/l	0.22 U	EPA 8260	0.22	03/27/08 05:13		JRW
Bromodichloromethane	ug/l	0.13 U	EPA 8260	0.13	03/27/08 05:13		JRW
Bromoform	ug/l	0.10 U	EPA 8260	0.10	03/27/08 05:13		JRW
Bromomethane	ug/l	0.58 U	EPA 8260	0.58	03/27/08 05:13		JRW
Carbon disulfide	ug/l	0.14 U	EPA 8260	0.14	03/27/08 05:13		JRW
Carbon tetrachloride	ug/l	0.22 U	EPA 8260	0.22	03/27/08 05:13		JRW
Chlorobenzene	ug/l	0.04 U	EPA 8260	0.04	03/27/08 05:13		JRW
Chloroethane	ug/l	0.39 U	EPA 8260	0.39	03/27/08 05:13		JRW
Chloroform	ug/l	0.14 U	EPA 8260	0.14	03/27/08 05:13		JRW
Chloromethane	ug/l	0.47 U	EPA 8260	0.47	03/27/08 05:13		JRW
cis-1,2-Dichloroethene	ug/l	0.08 U	EPA 8260	0.08	03/27/08 05:13		JRW
cis-1,3-Dichloropropene	ug/l	0.14 U	EPA 8260	0.14	03/27/08 05:13		JRW
Dibromochloromethane	ug/l	0.15 U	EPA 8260	0.15	03/27/08 05:13		JRW
Dibromomethane	ug/l	0.24 U	EPA 8260	0.24	03/27/08 05:13		JRW
Ethylbenzene	ug/l	0.13 U	EPA 8260	0.13	03/27/08 05:13		JRW
Iodomethane	ug/l	0.16 U	EPA 8260	0.16	03/27/08 05:13		JRW
m,p-Xylenes	ug/l	0.19 U	EPA 8260	0.19	03/27/08 05:13		JRW
MEK (2-Butanone)	ug/l	0.55 U	EPA 8260	0.55	03/27/08 05:13		JRW
Methylene chloride	ug/l	0.13 U	EPA 8260	0.13	03/27/08 05:13		JRW
MIBK (4-Methyl-2-pentanone)	ug/l	0.41 U	EPA 8260	0.41	03/27/08 05:13		JRW
o-Xylene	ug/l	0.12 U	EPA 8260	0.12	03/27/08 05:13		JRW
Styrene	ug/l	0.10 U	EPA 8260	0.10	03/27/08 05:13		JRW
Tetrachloroethene	ug/l	0.16 U	EPA 8260	0.16	03/27/08 05:13		JRW

SOUTHERN ANALYTICAL LABORATORIES, INC.

110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677 813-855-1844 fax 813-855-2218



Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654-

April 3, 2008
Project No: 80944

Laboratory Report

Project Name	Resource Recovery
Sample Description	2 MW 2
Matrix	Groundwater
SAL Sample Number	80944.01
Date/Time Collected	03/25/08 10:12
Date/Time Received	03/26/08 14:15

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
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Volatile Organic Compounds - Appendix I

Toluene	ug/l	0.10 U	EPA 8260	0.10	03/27/08 05:13		JRW
trans-1,2-Dichloroethene	ug/l	0.30 U	EPA 8260	0.30	03/27/08 05:13		JRW
trans-1,3-Dichloropropene	ug/l	0.06 U	EPA 8260	0.06	03/27/08 05:13		JRW
trans-1,4-Dichloro-2-butene	ug/l	0.28 U	EPA 8260	0.28	03/27/08 05:13		JRW
Trichloroethene	ug/l	0.12 U	EPA 8260	0.12	03/27/08 05:13		JRW
Trichlorofluoromethane	ug/l	0.21 U	EPA 8260	0.21	03/27/08 05:13		JRW
Vinyl acetate	ug/l	0.53 U	EPA 8260	0.53	03/27/08 05:13		JRW
Vinyl chloride	ug/l	0.38 U	EPA 8260	0.38	03/27/08 05:13		JRW
Xylenes, Total	ug/l	0.12 U	EPA 8260	0.12	03/27/08 05:13		JRW

Pesticide Analyses

Dibromochloropropane	ug/L	0.005 U	EPA 8011	0.005	04/01/08 09:05	03/31/08 15:45	BTJ
Ethylene Dibromide	ug/L	0.005 U	EPA 8011	0.005	04/01/08 09:05	03/31/08 15:45	BTJ

Metals

Silver	mg/l	0.0002 U	EPA 272.2	0.0002	04/03/08 08:30		SMW
Arsenic	mg/l	0.001 U	EPA 206.2	0.001	03/31/08 09:43		SMW
Barium	mg/l	0.059	EPA 200.7	0.01	03/31/08 14:59	03/29/08 09:35	HWS
Beryllium	mg/l	0.00030 I	EPA 200.7	0.0001	03/31/08 14:59	03/29/08 09:35	HWS
Cadmium	mg/l	0.001 U	EPA 200.7	0.001	03/31/08 14:59	03/29/08 09:35	HWS
Cobalt	mg/l	0.01 U	EPA 200.7	0.01	03/31/08 14:59	03/29/08 09:35	HWS
Chromium	mg/l	0.01 U	EPA 200.7	0.01	03/31/08 14:59	03/29/08 09:35	HWS
Copper	mg/l	0.005 U	EPA 200.7	0.005	03/31/08 14:59	03/29/08 09:35	HWS
Nickel	mg/l	0.001 U	EPA 200.7	0.001	03/31/08 14:59	03/29/08 09:35	HWS
Lead	mg/l	0.001 U	EPA 239.2	0.001	03/31/08 09:11		MKB
Antimony	mg/l	0.0050	EPA 204.2	0.001	04/01/08 13:15		SMW
Selenium	mg/l	0.001 U	EPA 270.2	0.001	04/01/08 11:33		SMW
Thallium	mg/l	0.001 U	EPA 279.2	0.001	04/01/08 10:53		SMW
Vanadium	mg/l	0.01 U	EPA 200.7	0.01	03/31/08 14:59	03/29/08 09:35	HWS
Zinc	mg/l	0.0095 I	EPA 200.7	0.003	03/31/08 14:59	03/29/08 09:35	HWS



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

Resource Recovery
Class I Landfill
Hays Road
Shady Hills, FL
John Power

Date: 4/11/2008

SAMPLE NUMBER AA99822 SAMPLE ID 2MW2 @ RESREC
DATE SAMPLED 3/25/2008
DATE RECEIVED 3/25/2008 SAMPLER WMM
TIME RECEIVED 16:00 DELIVERED BY WMM

SAMPLE MATRIX GW
TIME SAMPLED 10:12
RECEIVED BY CF
SAMPLE TYPE
Pumped

ANALYSIS	ANALYSIS						UNIT	DET. LIMIT
	METHOD	DATE	TIME	BY	RESULT	QUAL.		
Color by Observation	Observation	3/25/2008	10:12	WM	CLEAR			
Conductivity Field	SM2510B	3/25/2008	10:12	WM	93.0		umhos/cm	
Dissolved Oxygen Field	SM4500OG	3/25/2008	10:12	WM	5.72		mg/L	0.00
pH Field	SM4500HB	3/25/2008	10:12	WM	4.94		std units	
Temperature Field	SM2550B	3/25/2008	10:12	WM	21.74		deg C	
Water Level		3/25/2008	10:12	WM	28.65		Feet N.G.V	
Iron, Total, Flame	SM3111B	4/1/2008	15:10	TER	0.03		mg/L	0.01
Mercury, Total, CVAA	SM3112B	4/2/2008	9:10	TER	<0.0005	U	mg/L	0.0005
Sodium, Total, Flame	SM3111B	4/1/2008	15:30	TER	4.75		mg/L	0.20
Ammonia	SM4500NH3	4/9/2008	8:00	IF	<0.04	UU	mg/L	0.04
Nitrate	SM4500NO3	3/28/2008	9:00	IF	5.58		mg/L	0.02

ANALYSIS COMMENTS:

All calculations are on wet weight basis

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

Resource Recovery
Class I Landfill
Hays Road
Shady Hills, Fl
John Power

Date: 4/11/2008

SAMPLE NUMBER AA99822 SAMPLE ID 2MW2 @ RESREC
DATE SAMPLED 3/25/2008
DATE RECEIVED 3/25/2008 SAMPLER WMM
TIME RECEIVED 16:00 DELIVERED BY WMM

SAMPLE MATRIX GW
TIME SAMPLED 10:12
RECEIVED BY CF
SAMPLE TYPE
Pumped

ANALYSIS	ANALYSIS						DET. LIMIT
	METHOD	DATE	TIME	BY	RESULT	QUAL. UNIT	
Total Dissolved Solids	SM2540C	3/25/2008	16:00	AS	64	mg/L	18.4
Chloride	SM4500CLE	3/31/2008	12:00	CEM	3.12	mg/L	0.33
Turbidity	SM2130B	3/25/2008	17:05	WM	0.543	NTU's	

ANALYSIS COMMENTS:

All calulations are on wet weight basis

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030

Sampling Date/Time: 03/25/08 10:46

Test Site ID #: 4051A16512

Report Period: 2008 / Quarter I
(year/quarter)

Well Name: 4MW-2

Well Purged (Y/N): YES

Classification of Groundwater: Floridan

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

Groundwater Elevation (NGVD): 28.19

or (MSL):

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000929	Sodium	Well Wiz. Ded. Mon. System	No	SM 3111B	04/01/08 15:30	3.54 mg/L	0.10 mg/L
001045	Iron	"	"	SM 3111B	04/01/08 15:10	0.03 mg/L	0.02 mg/L
071900	Mercury	"	"	SM 3112B	04/02/08 9:10	<0.0005 mg/L	0.0005 mg/L
000400	pH-Field	"	"	SM 4500H+B	03/25/08 10:46	8.01 Std. Units	0.01 Std. Units
000010	Temperature (Field)	"	"	SM 2550B	03/25/08 10:46	22.05 °C	0 °C
000095	Specific Cond. (Field)	"	"	SM 2510B	03/25/08 10:46	179 µmhos/cm	0.0 µmhos/cm
000344	D.O. (Field)	"	"	SM 45000G	03/25/08 10:46	1.76 mg/L	0.0 mg/L
082079	Turbidity	"	"	SM 2130B	03/25/08 17:05	0.171 NTU	0.01 NTU
000940	Chloride	"	"	SM 4500CI-B	03/31/08 12:00	1.08 mg/L	0.47 mg/L
070300	Total Dis. Solids	"	"	SM 2540C	03/25/08 16:00	142 mg/L	17.3 mg/L
000610	Ammonia	"	"	SM 4500NH ₃ H	04/09/08 8:00	<0.04 mg/L	0.08 mg/L
000620	Nitrate	"	"	SM 4500N ₀ F	03/28/08 9:00	2.41 mg/L	0.03 mg/L
072020	Water Level (MSL)	"	"		03/25/08 10:46	28.19 Feet	Feet

*Attach Laboratory Reports

SOUTHERN ANALYTICAL LABORATORIES, INC.

110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677 813-855-1844 fax 813-855-2218



Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654-

April 3, 2008
Project No: 80944

Laboratory Report

Project Name	Resource Recovery
Sample Description	4 MW 2
Matrix	Groundwater
SAL Sample Number	80944.02
Date/Time Collected	03/25/08 10:46
Date/Time Received	03/26/08 14:15

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
<u>Volatile Organic Compounds - Appendix I</u>							
1,1,1,2-Tetrachloroethane	ug/l	0.12 U	EPA 8260	0.12	03/27/08 06:14		JRW
1,1,1-Trichloroethane	ug/l	0.09 U	EPA 8260	0.09	03/27/08 06:14		JRW
1,1,2,2-Tetrachloroethane	ug/l	0.12 U	EPA 8260	0.12	03/27/08 06:14		JRW
1,1,2-Trichloroethane	ug/l	0.23 U	EPA 8260	0.23	03/27/08 06:14		JRW
1,1-Dichloroethane	ug/l	0.12 U	EPA 8260	0.12	03/27/08 06:14		JRW
1,1-Dichloroethene	ug/l	0.14 U	EPA 8260	0.14	03/27/08 06:14		JRW
1,2,3-Trichloropropane	ug/l	0.18 U	EPA 8260	0.18	03/27/08 06:14		JRW
1,2-Dibromo-3-chloropropane	ug/l	0.24 U	EPA 8260	0.24	03/27/08 06:14		JRW
1,2-Dibromoethane	ug/l	0.13 U	EPA 8260	0.13	03/27/08 06:14		JRW
1,2-Dichlorobenzene	ug/l	0.13 U	EPA 8260	0.13	03/27/08 06:14		JRW
1,2-Dichloroethane	ug/l	0.12 U	EPA 8260	0.12	03/27/08 06:14		JRW
1,2-Dichloropropane	ug/l	0.06 U	EPA 8260	0.06	03/27/08 06:14		JRW
1,4-Dichlorobenzene	ug/l	0.13 U	EPA 8260	0.13	03/27/08 06:14		JRW
2-Hexanone	ug/l	0.33 U	EPA 8260	0.33	03/27/08 06:14		JRW
Acetone	ug/l	1.9 U	EPA 8260	1.9	03/27/08 06:14		JRW
Acrylonitrile	ug/l	1.6 U	EPA 8260	1.6	03/27/08 06:14		JRW
Benzene	ug/l	0.10 U	EPA 8260	0.10	03/27/08 06:14		JRW
Bromochloromethane	ug/l	0.22 U	EPA 8260	0.22	03/27/08 06:14		JRW
Bromodichloromethane	ug/l	0.13 U	EPA 8260	0.13	03/27/08 06:14		JRW
Bromoform	ug/l	0.10 U	EPA 8260	0.10	03/27/08 06:14		JRW
Bromomethane	ug/l	0.58 U	EPA 8260	0.58	03/27/08 06:14		JRW
Carbon disulfide	ug/l	0.14 U	EPA 8260	0.14	03/27/08 06:14		JRW
Carbon tetrachloride	ug/l	0.22 U	EPA 8260	0.22	03/27/08 06:14		JRW
Chlorobenzene	ug/l	0.04 U	EPA 8260	0.04	03/27/08 06:14		JRW
Chloroethane	ug/l	0.39 U	EPA 8260	0.39	03/27/08 06:14		JRW
Chloroform	ug/l	0.14 U	EPA 8260	0.14	03/27/08 06:14		JRW
Chloromethane	ug/l	0.47 U	EPA 8260	0.47	03/27/08 06:14		JRW
cis-1,2-Dichloroethene	ug/l	0.08 U	EPA 8260	0.08	03/27/08 06:14		JRW
cis-1,3-Dichloropropene	ug/l	0.14 U	EPA 8260	0.14	03/27/08 06:14		JRW
Dibromochloromethane	ug/l	0.15 U	EPA 8260	0.15	03/27/08 06:14		JRW
Dibromomethane	ug/l	0.24 U	EPA 8260	0.24	03/27/08 06:14		JRW
Ethylbenzene	ug/l	0.13 U	EPA 8260	0.13	03/27/08 06:14		JRW
Iodomethane	ug/l	0.16 U	EPA 8260	0.16	03/27/08 06:14		JRW
m,p-Xylenes	ug/l	0.19 U	EPA 8260	0.19	03/27/08 06:14		JRW
MEK (2-Butanone)	ug/l	0.55 U	EPA 8260	0.55	03/27/08 06:14		JRW
Methylene chloride	ug/l	0.13 U	EPA 8260	0.13	03/27/08 06:14		JRW
MIBK (4-Methyl-2-pentanone)	ug/l	0.41 U	EPA 8260	0.41	03/27/08 06:14		JRW
o-Xylene	ug/l	0.12 U	EPA 8260	0.12	03/27/08 06:14		JRW
Styrene	ug/l	0.10 U	EPA 8260	0.10	03/27/08 06:14		JRW
Tetrachloroethene	ug/l	0.16 U	EPA 8260	0.16	03/27/08 06:14		JRW

SOUTHERN ANALYTICAL LABORATORIES, INC.

110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677 813-855-1844 fax 813-855-2218



Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654-

April 3, 2008
Project No: 80944

Laboratory Report

Project Name	Resource Recovery
Sample Description	4 MW 2
Matrix	Groundwater
SAL Sample Number	80944.02
Date/Time Collected	03/25/08 10:46
Date/Time Received	03/26/08 14:15

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
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Volatile Organic Compounds - Appendix I

Toluene	ug/l	0.10 U	EPA 8260	0.10	03/27/08 06:14		JRW
trans-1,2-Dichloroethene	ug/l	0.30 U	EPA 8260	0.30	03/27/08 06:14		JRW
trans-1,3-Dichloropropene	ug/l	0.06 U	EPA 8260	0.06	03/27/08 06:14		JRW
trans-1,4-Dichloro-2-butene	ug/l	0.28 U	EPA 8260	0.28	03/27/08 06:14		JRW
Trichloroethene	ug/l	0.12 U	EPA 8260	0.12	03/27/08 06:14		JRW
Trichlorofluoromethane	ug/l	0.21 U	EPA 8260	0.21	03/27/08 06:14		JRW
Vinyl acetate	ug/l	0.53 U	EPA 8260	0.53	03/27/08 06:14		JRW
Vinyl chloride	ug/l	0.38 U	EPA 8260	0.38	03/27/08 06:14		JRW
Xylenes, Total	ug/l	0.12 U	EPA 8260	0.12	03/27/08 06:14		JRW

Pesticide Analyses

Dibromochloropropane	ug/L	0.005 U	EPA 8011	0.005	04/01/08 09:27	03/31/08 15:45	BTJ
Ethylene Dibromide	ug/L	0.005 U	EPA 8011	0.005	04/01/08 09:27	03/31/08 15:45	BTJ

Metals

Silver	mg/l	0.0002 U	EPA 272.2	0.0002	04/03/08 08:30		SMW
Arsenic	mg/l	0.001 U	EPA 206.2	0.001	03/31/08 09:43		SMW
Barium	mg/l	0.01 U	EPA 200.7	0.01	03/31/08 14:59	03/29/08 09:35	HWS
Beryllium	mg/l	0.0001 U	EPA 200.7	0.0001	03/31/08 14:59	03/29/08 09:35	HWS
Cadmium	mg/l	0.001 U	EPA 200.7	0.001	03/31/08 14:59	03/29/08 09:35	HWS
Cobalt	mg/l	0.01 U	EPA 200.7	0.01	03/31/08 14:59	03/29/08 09:35	HWS
Chromium	mg/l	0.01 U	EPA 200.7	0.01	03/31/08 14:59	03/29/08 09:35	HWS
Copper	mg/l	0.005 U	EPA 200.7	0.005	03/31/08 14:59	03/29/08 09:35	HWS
Nickel	mg/l	0.001 U	EPA 200.7	0.001	03/31/08 14:59	03/29/08 09:35	HWS
Lead	mg/l	0.001 U	EPA 239.2	0.001	03/31/08 09:11		MKB
Antimony	mg/l	0.001 U	EPA 204.2	0.001	04/01/08 13:15		SMW
Selenium	mg/l	0.001 U	EPA 270.2	0.001	04/01/08 11:33		SMW
Thallium	mg/l	0.001 U	EPA 279.2	0.001	04/01/08 10:53		SMW
Vanadium	mg/l	0.01 U	EPA 200.7	0.01	03/31/08 14:59	03/29/08 09:35	HWS
Zinc	mg/l	0.0056 I	EPA 200.7	0.003	03/31/08 14:59	03/29/08 09:35	HWS



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

Resource Recovery
Class I Landfill
Hays Road
Shady Hills, FL
John Power

Date: 4/11/2008

SAMPLE NUMBER AA99823 SAMPLE ID 4MW2 @ RESREC
DATE SAMPLED 3/25/2008
DATE RECEIVED 3/25/2008 SAMPLER WMM
TIME RECEIVED 16:00 DELIVERED BY WMM

SAMPLE MATRIX GW
TIME SAMPLED 10:46
RECEIVED BY CF
SAMPLE TYPE
Pumped

ANALYSIS	ANALYSIS						UNIT	DET. LIMIT
	METHOD	DATE	TIME	BY	RESULT	QUAL.		
Color by Observation	Observation	3/25/2008	10:46	WM	CLEAR			
Conductivity Field	SM2510B	3/25/2008	10:46	WM	179		umhos/cm	
Dissolved Oxygen Field	SM4500OG	3/25/2008	10:46	WM	1.76		mg/L	0.00
pH Field	SM4500HB	3/25/2008	10:46	WM	8.01		std units	
Temperature Field	SM2550B	3/25/2008	10:46	WM	22.05		deg C	
Water Level		3/25/2008	10:46	WM	28.19		Feet N.G.V	
Iron, Total, Flame	SM3111B	4/1/2008	15:10	TER	0.03		mg/L	0.01
Mercury, Total, CVAA	SM3112B	4/2/2008	9:10	TER	<0.0005	U	mg/L	0.0005
Sodium, Total, Flame	SM3111B	4/1/2008	15:30	TER	3.54		mg/L	0.20
Ammonia	SM4500NH3	4/9/2008	8:00	IF	<0.04	U	mg/L	0.04
Nitrate	SM4500NO3	3/28/2008	9:00	IF	2.41		mg/L	0.02

ANALYSIS COMMENTS:

All calculations are on wet weight basis

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654
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GLORIA KRUEGER
BILL WARGO

REPORT OF ANALYSES

Resource Recovery
Class I Landfill
Hays Road
Shady Hills, Fl
John Power

Date: 4/11/2008

SAMPLE NUMBER AA99823 SAMPLE ID 4MW2 @ RESREC
DATE SAMPLED 3/25/2008
DATE RECEIVED 3/25/2008 SAMPLER WMM
TIME RECEIVED 16:00 DELIVERED BY WMM

SAMPLE MATRIX GW
TIME SAMPLED 10:46
RECEIVED BY CF
SAMPLE TYPE
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS		RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY				
Total Dissolved Solids	SM2540C	3/25/2008	16:00	AS	142		mg/L	18.4
Chloride	SM4500CLE	3/31/2008	12:00	CEM	1.08		mg/L	0.33
Turbidity	SM2130B	3/25/2008	17:05	WM	0.171		NTU's	

ANALYSIS COMMENTS:

All calulations are on wet weight basis

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030

Sampling Date/Time: 03/31/08 12:30

Test Site ID #: 4051A16508

Report Period: 2008 / Quarter I
(year/quarter)

Well Name: 2MW-4

Well Purged (Y/N): YES

Classification of Groundwater: Surficial

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

Groundwater Elevation (NGVD): Dry

or (MSL):

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000929	Sodium	Well Wiz. Ded. Mon. System	No	SM 3111B		Dry mg/L	0.10 mg/L
001045	Iron	"	"	SM 3111B		Dry mg/L	0.02 mg/L
071900	Mercury	"	"	SM 3112B		Dry mg/L	0.0005 mg/L
000400	pH-Field	"	"	SM 4500H+B		Dry Std. Units	0.01 Std. Units
000010	Temperature (Field)	"	"	SM 2550B		Dry °C	0 °C
000095	Specific Cond. (Field)	"	"	SM 2510B		Dry µmhos/cm	0.0 µmhos/cm
000344	D.O. (Field)	"	"	SM 45000G		Dry mg/L	0.0 mg/L
082079	Turbidity	"	"	SM 2130B		Dry NTU	0.01 NTU
000940	Chloride	"	"	SM 4500CI-B		Dry mg/L	0.47 mg/L
070300	Total Dis. Solids	"	"	SM 2540C		Dry mg/L	17.3 mg/L
000610	Ammonia	"	"	SM 4500NH ₃ H		Dry mg/L	0.08 mg/L
000620	Nitrate	"	"	SM 4500N ₀ F		Dry mg/L	0.03 mg/L
072020	Water Level (MSL)	"	"			Dry Feet	Feet

*Attach Laboratory Reports

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030

Sampling Date/Time: 03/31/08 13:37

Test Site ID #: 4051A16513

Report Period: 2008 / Quarter I
(year/quarter)

Well Name: 4MW-4

Well Purged (Y/N): YES

Classification of Groundwater: Floridan

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

Groundwater Elevation (NGVD): 21.62

or (MSL):

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000929	Sodium	Well Wiz. Ded. Mon. System	No	SM 3111B	04/01/08 15:30	4.78 mg/L	0.10 mg/L
001045	Iron	"	"	SM 3111B	04/01/08 15:10	0.06 mg/L	0.02 mg/L
071900	Mercury	"	"	SM 3112B	04/02/08 9:10	<0.0005 mg/L	0.0005 mg/L
000400	pH-Field	"	"	SM 4500H+B	03/31/08 13:37	7.07 Std. Units	0.01 Std. Units
000010	Temperature (Field)	"	"	SM 2550B	03/31/08 13:37	25.26 °C	0 °C
000095	Specific Cond. (Field)	"	"	SM 2510B	03/31/08 13:37	331 µmhos/cm	0.0 µmhos/cm
000344	D.O. (Field)	"	"	SM 45000G	03/31/08 13:37	6.81 mg/L	0.0 mg/L
082079	Turbidity	"	"	SM 2130B	03/31/08 17:30	1.31 NTU	0.01 NTU
000940	Chloride	"	"	SM 4500CI-B	04/22/08 14:00	12.3 mg/L	0.47 mg/L
070300	Total Dis. Solids	"	"	SM 2540C	04/01/08 16:30	198 mg/L	17.3 mg/L
000610	Ammonia	"	"	SM 4500NH ₃ H	04/09/08 8:00	<0.04 mg/L	0.08 mg/L
000620	Nitrate	"	"	SM 4500NO ₃ F	04/03/08 8:00	0.53 mg/L	0.03 mg/L
072020	Water Level (MSL)	"	"		03/31/08 13:37	21.62 Feet	Feet

*Attach Laboratory Reports

SOUTHERN ANALYTICAL LABORATORIES, INC.

110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677 813-855-1844 fax 813-855-2218



Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654-

April 10, 2008
Project No: 81159

Laboratory Report

Project Name	Resource Recovery
Sample Description	4 MW 4
Matrix	Groundwater
SAL Sample Number	81159.01
Date/Time Collected	03/31/08 13:37
Date/Time Received	04/02/08 08:30

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
Volatile Organic Compounds - Appendix I							
1,1,1,2-Tetrachloroethane	ug/l	0.12 U	EPA 8260	0.12	04/02/08 19:59		JRW
1,1,1-Trichloroethane	ug/l	0.09 U	EPA 8260	0.09	04/02/08 19:59		JRW
1,1,2,2-Tetrachloroethane	ug/l	0.12 U	EPA 8260	0.12	04/02/08 19:59		JRW
1,1,2-Trichloroethane	ug/l	0.23 U	EPA 8260	0.23	04/02/08 19:59		JRW
1,1-Dichloroethane	ug/l	0.12 U	EPA 8260	0.12	04/02/08 19:59		JRW
1,1-Dichloroethene	ug/l	0.14 U	EPA 8260	0.14	04/02/08 19:59		JRW
1,2,3-Trichloropropane	ug/l	0.18 U	EPA 8260	0.18	04/02/08 19:59		JRW
1,2-Dibromo-3-chloropropane	ug/l	0.24 U	EPA 8260	0.24	04/02/08 19:59		JRW
1,2-Dibromoethane	ug/l	0.13 U	EPA 8260	0.13	04/02/08 19:59		JRW
1,2-Dichlorobenzene	ug/l	0.13 U	EPA 8260	0.13	04/02/08 19:59		JRW
1,2-Dichloroethane	ug/l	0.12 U	EPA 8260	0.12	04/02/08 19:59		JRW
1,2-Dichloropropane	ug/l	0.06 U	EPA 8260	0.06	04/02/08 19:59		JRW
1,4-Dichlorobenzene	ug/l	0.13 U	EPA 8260	0.13	04/02/08 19:59		JRW
2-Hexanone	ug/l	0.33 U	EPA 8260	0.33	04/02/08 19:59		JRW
Acetone	ug/l	1.9 U	EPA 8260	1.9	04/02/08 19:59		JRW
Acrylonitrile	ug/l	1.6 U	EPA 8260	1.6	04/02/08 19:59		JRW
Benzene	ug/l	0.10 U	EPA 8260	0.10	04/02/08 19:59		JRW
Bromochloromethane	ug/l	0.22 U	EPA 8260	0.22	04/02/08 19:59		JRW
Bromodichloromethane	ug/l	0.13 U	EPA 8260	0.13	04/02/08 19:59		JRW
Bromoform	ug/l	0.10 U	EPA 8260	0.10	04/02/08 19:59		JRW
Bromomethane	ug/l	0.58 U	EPA 8260	0.58	04/02/08 19:59		JRW
Carbon disulfide	ug/l	0.14 U	EPA 8260	0.14	04/02/08 19:59		JRW
Carbon tetrachloride	ug/l	0.22 U	EPA 8260	0.22	04/02/08 19:59		JRW
Chlorobenzene	ug/l	0.04 U	EPA 8260	0.04	04/02/08 19:59		JRW
Chloroethane	ug/l	0.39 U	EPA 8260	0.39	04/02/08 19:59		JRW
Chloroform	ug/l	0.14 U	EPA 8260	0.14	04/02/08 19:59		JRW
Chloromethane	ug/l	0.47 U	EPA 8260	0.47	04/02/08 19:59		JRW
cis-1,2-Dichloroethene	ug/l	0.08 U	EPA 8260	0.08	04/02/08 19:59		JRW
cis-1,3-Dichloropropene	ug/l	0.14 U	EPA 8260	0.14	04/02/08 19:59		JRW
Dibromochloromethane	ug/l	0.15 U	EPA 8260	0.15	04/02/08 19:59		JRW
Dibromomethane	ug/l	0.24 U	EPA 8260	0.24	04/02/08 19:59		JRW
Ethylbenzene	ug/l	0.13 U	EPA 8260	0.13	04/02/08 19:59		JRW
Iodomethane	ug/l	0.16 U	EPA 8260	0.16	04/02/08 19:59		JRW
m,p-Xylenes	ug/l	0.19 U	EPA 8260	0.19	04/02/08 19:59		JRW
MEK (2-Butanone)	ug/l	0.55 U	EPA 8260	0.55	04/02/08 19:59		JRW
Methylene chloride	ug/l	0.13 U	EPA 8260	0.13	04/02/08 19:59		JRW
MIBK (4-Methyl-2-pentanone)	ug/l	0.41 U	EPA 8260	0.41	04/02/08 19:59		JRW
o-Xylene	ug/l	0.12 U	EPA 8260	0.12	04/02/08 19:59		JRW
Styrene	ug/l	0.10 U	EPA 8260	0.10	04/02/08 19:59		JRW
Tetrachloroethene	ug/l	0.16 U	EPA 8260	0.16	04/02/08 19:59		JRW

SOUTHERN ANALYTICAL LABORATORIES, INC.

110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677 813-855-1844 fax 813-855-2218



Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654-

April 10, 2008
Project No: 81159

Laboratory Report

Project Name	Resource Recovery
Sample Description	4 MW 4
Matrix	Groundwater
SAL Sample Number	81159.01
Date/Time Collected	03/31/08 13:37
Date/Time Received	04/02/08 08:30

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
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Volatile Organic Compounds - Appendix I

Toluene	ug/l	0.10 U	EPA 8260	0.10	04/02/08 19:59		JRW
trans-1,2-Dichloroethene	ug/l	0.30 U	EPA 8260	0.30	04/02/08 19:59		JRW
trans-1,3-Dichloropropene	ug/l	0.06 U	EPA 8260	0.06	04/02/08 19:59		JRW
trans-1,4-Dichloro-2-butene	ug/l	0.28 U	EPA 8260	0.28	04/02/08 19:59		JRW
Trichloroethene	ug/l	0.12 U	EPA 8260	0.12	04/02/08 19:59		JRW
Trichlorofluoromethane	ug/l	0.21 U	EPA 8260	0.21	04/02/08 19:59		JRW
Vinyl acetate	ug/l	0.53 U	EPA 8260	0.53	04/02/08 19:59		JRW
Vinyl chloride	ug/l	0.38 U	EPA 8260	0.38	04/02/08 19:59		JRW
Xylenes, Total	ug/l	0.12 U	EPA 8260	0.12	04/02/08 19:59		JRW

Pesticide Analyses

Dibromochloropropane	ug/L	0.005 U	EPA 8011	0.005	04/02/08 20:07	04/02/08 14:45	BTJ
Ethylene Dibromide	ug/L	0.005 U	EPA 8011	0.005	04/02/08 20:07	04/02/08 14:45	BTJ

Metals

Silver	mg/l	0.0002 U	EPA 272.2	0.0002	04/09/08 09:13		SMW
Arsenic	mg/l	0.001 U	EPA 206.2	0.001	04/08/08 12:32		SMW
Barium	mg/l	0.01 U	EPA 200.7	0.01	04/04/08 16:47	04/03/08 14:14	LCB
Beryllium	mg/l	0.00010 U	EPA 200.7	0.0001	04/04/08 16:47	04/03/08 14:14	LCB
Cadmium	mg/l	0.001 U	EPA 200.7	0.001	04/04/08 16:47	04/03/08 14:14	LCB
Cobalt	mg/l	0.01 U	EPA 200.7	0.01	04/04/08 16:47	04/03/08 14:14	LCB
Chromium	mg/l	0.01 U	EPA 200.7	0.01	04/04/08 16:47	04/03/08 14:14	LCB
Copper	mg/l	0.005 U	EPA 200.7	0.005	04/04/08 16:47	04/03/08 14:14	LCB
Nickel	mg/l	0.001 U	EPA 200.7	0.001	04/04/08 16:47	04/03/08 14:14	LCB
Lead	mg/l	0.001 U	EPA 239.2	0.001	04/08/08 12:32		SMW
Antimony	mg/l	0.001 U	EPA 204.2	0.001	04/04/08 11:03		SMW
Selenium	mg/l	0.001 U	EPA 270.2	0.001	04/08/08 08:32		SMW
Thallium	mg/l	0.001 U	EPA 279.2	0.001	04/04/08 09:36		SMW
Vanadium	mg/l	0.01 U	EPA 200.7	0.01	04/04/08 16:47	04/03/08 14:14	LCB
Zinc	mg/l	0.014	EPA 200.7	0.003	04/04/08 16:47	04/03/08 14:14	LCB



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

Resource Recovery
Class I Landfill
Hays Road
Shady Hills, Fl
John Power

Date: 4/23/2008

SAMPLE NUMBER AB00054 SAMPLE ID 4MW4 @ RESREC
DATE SAMPLED 3/31/2008
DATE RECEIVED 3/31/2008 SAMPLER WMM
TIME RECEIVED 16:30 DELIVERED BY WMM

SAMPLE MATRIX GW
TIME SAMPLED 13:37
RECEIVED BY CF
SAMPLE TYPE
Pumped

ANALYSIS	ANALYSIS						UNIT	DET. LIMIT
	METHOD	DATE	TIME	BY	RESULT	QUAL.		
Color by Observation	Observation	3/31/2008	13:37	WM	CLEAR			
Conductivity Field	SM2510B	3/31/2008	13:37	WM	331		umhos/cm	
Dissolved Oxygen Field	SM4500OG	3/31/2008	13:37	WM	6.81		mg/L	0.00
pH Field	SM4500HB	3/31/2008	13:37	WM	7.07		std units	
Temperature Field	SM2550B	3/31/2008	13:37	WM	25.26		deg C	
Water Level		3/31/2008	13:37	WM	21.62		Feet N.G.V.	
Iron, Total, Flame	SM3111B	4/1/2008	15:10	TER	0.06		mg/L	0.01
Mercury, Total, CVAA	SM3112B	4/2/2008	9:10	TER	<0.0005	U	mg/L	0.0005
Sodium, Total, Flame	SM3111B	4/1/2008	15:30	TER	4.78		mg/L	0.20
Ammonia	SM4500NH3	4/9/2008	8:00	IF	<0.04	U	mg/L	0.04
Nitrate	SM4500NO3	4/3/2008	8:00	IF	0.53		mg/L	0.02

ANALYSIS COMMENTS:

All calculations are on wet weight basis

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

Resource Recovery
Class I Landfill
Hays Road
Shady Hills, Fl
John Power

Date: 4/23/2008

SAMPLE NUMBER AB00054 SAMPLE ID 4MW4 @ RESREC
DATE SAMPLED 3/31/2008
DATE RECEIVED 3/31/2008 SAMPLER WMM
TIME RECEIVED 16:30 DELIVERED BY WMM

SAMPLE MATRIX GW
TIME SAMPLED 13:37
RECEIVED BY CF
SAMPLE TYPE
Pumped

ANALYSIS	ANALYSIS						DET. LIMIT
	METHOD	DATE	TIME	BY	RESULT	QUAL. UNIT	
Total Dissolved Solids	SM2540C	4/1/2008	16:30	AS	198	mg/L	18.4
Chloride	SM4500CLE	4/22/2008	14:00	CEM	12.3	mg/L	0.33
Turbidity	SM2130B	3/31/2008	17:30	WM	1.31	NTU's	

ANALYSIS COMMENTS:

All calulations are on wet weight basis

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030

Sampling Date/Time: 03/26/08 14:30

Test Site ID #: 4051A16509

Report Period: 2008 / Quarter I
(year/quarter)

Well Name: 2MW-5

Well Purged (Y/N): YES

Classification of Groundwater: Surficial

Well Type: () Background

() Intermediate

(XXX) Compliance

() Other

Groundwater Elevation (NGVD): Dry

or (MSL):

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000929	Sodium	Well Wiz. Ded. Mon. System	No	SM 3111B		Dry mg/L	0.10 mg/L
001045	Iron	"	"	SM 3111B		Dry mg/L	0.02 mg/L
071900	Mercury	"	"	SM 3112B		Dry mg/L	0.0005 mg/L
000400	pH-Field	"	"	SM 4500H+B		Dry Std. Units	0.01 Std. Units
000010	Temperature (Field)	"	"	SM 2550B		Dry °C	0 °C
000095	Specific Cond. (Field)	"	"	SM 2510B		Dry µmhos/cm	0.0 µmhos/cm
000344	D.O. (Field)	"	"	SM 4500G		Dry mg/L	0.0 mg/L
082079	Turbidity	"	"	SM 2130B		Dry NTU	0.01 NTU
000940	Chloride	"	"	SM 4500CI-B		Dry mg/L	0.47 mg/L
070300	Total Dis. Solids	"	"	SM 2540C		Dry mg/L	17.3 mg/L
000610	Ammonia	"	"	SM 4500NH ₃ H		Dry mg/L	0.08 mg/L
000620	Nitrate	"	"	SM 4500NO ₃ F		Dry mg/L	0.03 mg/L
072020	Water Level (MSL)	"	"			Dry Feet	Feet

*Attach Laboratory Reports

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030

Sampling Date/Time: 03/26/08 13:26

Test Site ID #: 4051A16514

Report Period: 2008 / Quarter I
(year/quarter)

Well Name: 4MW-5

Well Purged (Y/N): YES

Classification of Groundwater: Floridan

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

Groundwater Elevation (NGVD): 22.40

or (MSL):

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000929	Sodium	Well Wiz. Ded. Mon. System	No	SM 3111B	04/01/08 15:30	31.2 mg/L	0.10 mg/L
001045	Iron	"	"	SM 3111B	04/01/08 15:10	0.02 mg/L	0.02 mg/L
071900	Mercury	"	"	SM 3112B	04/02/08 9:10	<0.0005 mg/L	0.0005 mg/L
000400	pH-Field	"	"	SM 4500H+B	03/26/08 13:26	7.18 Std. Units	0.01 Std. Units
000010	Temperature (Field)	"	"	SM 2550B	03/26/08 13:26	26.64 °C	0 °C
000095	Specific Cond. (Field)	"	"	SM 2510B	03/26/08 13:26	557 µmhos/cm	0.0 µmhos/cm
000344	D.O. (Field)	"	"	SM 4500G	03/26/08 13:26	3.54 mg/L	0.0 mg/L
082079	Turbidity	"	"	SM 2130B	03/27/08 7:30	0.235 NTU	0.01 NTU
000940	Chloride	"	"	SM 4500Cl-B	03/31/08 12:00	88.8 mg/L	0.47 mg/L
070300	Total Dis. Solids	"	"	SM 2540C	04/01/08 16:30	470 mg/L	17.3 mg/L
000610	Ammonia	"	"	SM 4500NH ₃ H	04/09/08 8:00	<0.04 mg/L	0.08 mg/L
000620	Nitrate	"	"	SM 4500NO ₃ F	03/28/08 9:00	1.03 mg/L	0.03 mg/L
072020	Water Level (MSL)	"	"		03/26/08 13:26	22.40 Feet	Feet

*Attach Laboratory Reports

SOUTHERN ANALYTICAL LABORATORIES, INC.

110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677 813-855-1844 fax 813-855-2218



Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654-

April 7, 2008
Project No: 81018

Laboratory Report

Project Name	Resource Recovery
Sample Description	4 MW 5
Matrix	Groundwater
SAL Sample Number	81018.01
Date/Time Collected	03/26/08 13:26
Date/Time Received	03/28/08 09:55

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
Volatile Organic Compounds - Appendix I							
1,1,1,2-Tetrachloroethane	ug/l	0.12 U	EPA 8260	0.12	04/02/08 13:20		JRW
1,1,1-Trichloroethane	ug/l	0.09 U	EPA 8260	0.09	04/02/08 13:20		JRW
1,1,2,2-Tetrachloroethane	ug/l	0.12 U	EPA 8260	0.12	04/02/08 13:20		JRW
1,1,2-Trichloroethane	ug/l	0.23 U	EPA 8260	0.23	04/02/08 13:20		JRW
1,1-Dichloroethane	ug/l	0.12 U	EPA 8260	0.12	04/02/08 13:20		JRW
1,1-Dichloroethene	ug/l	0.14 U	EPA 8260	0.14	04/02/08 13:20		JRW
1,2,3-Trichloropropane	ug/l	0.18 U	EPA 8260	0.18	04/02/08 13:20		JRW
1,2-Dibromo-3-chloropropane	ug/l	0.24 U	EPA 8260	0.24	04/02/08 13:20		JRW
1,2-Dibromoethane	ug/l	0.13 U	EPA 8260	0.13	04/02/08 13:20		JRW
1,2-Dichlorobenzene	ug/l	0.13 U	EPA 8260	0.13	04/02/08 13:20		JRW
1,2-Dichloroethane	ug/l	0.12 U	EPA 8260	0.12	04/02/08 13:20		JRW
1,2-Dichloropropane	ug/l	0.06 U	EPA 8260	0.06	04/02/08 13:20		JRW
1,4-Dichlorobenzene	ug/l	0.13 U	EPA 8260	0.13	04/02/08 13:20		JRW
2-Hexanone	ug/l	0.33 U	EPA 8260	0.33	04/02/08 13:20		JRW
Acetone	ug/l	1.9 U	EPA 8260	1.9	04/02/08 13:20		JRW
Acrylonitrile	ug/l	1.6 U	EPA 8260	1.6	04/02/08 13:20		JRW
Benzene	ug/l	0.10 U	EPA 8260	0.10	04/02/08 13:20		JRW
Bromochloromethane	ug/l	0.22 U	EPA 8260	0.22	04/02/08 13:20		JRW
Bromodichloromethane	ug/l	0.13 U	EPA 8260	0.13	04/02/08 13:20		JRW
Bromoform	ug/l	0.10 U	EPA 8260	0.10	04/02/08 13:20		JRW
Bromomethane	ug/l	0.58 U	EPA 8260	0.58	04/02/08 13:20		JRW
Carbon disulfide	ug/l	0.14 U	EPA 8260	0.14	04/02/08 13:20		JRW
Carbon tetrachloride	ug/l	0.22 U	EPA 8260	0.22	04/02/08 13:20		JRW
Chlorobenzene	ug/l	0.04 U	EPA 8260	0.04	04/02/08 13:20		JRW
Chloroethane	ug/l	0.39 U	EPA 8260	0.39	04/02/08 13:20		JRW
Chloroform	ug/l	0.14 U	EPA 8260	0.14	04/02/08 13:20		JRW
Chloromethane	ug/l	0.47 U	EPA 8260	0.47	04/02/08 13:20		JRW
cis-1,2-Dichloroethene	ug/l	0.08 U	EPA 8260	0.08	04/02/08 13:20		JRW
cis-1,3-Dichloropropene	ug/l	0.14 U	EPA 8260	0.14	04/02/08 13:20		JRW
Dibromochloromethane	ug/l	0.15 U	EPA 8260	0.15	04/02/08 13:20		JRW
Dibromomethane	ug/l	0.24 U	EPA 8260	0.24	04/02/08 13:20		JRW
Ethylbenzene	ug/l	0.13 U	EPA 8260	0.13	04/02/08 13:20		JRW
Iodomethane	ug/l	0.16 U	EPA 8260	0.16	04/02/08 13:20		JRW
m,p-Xylenes	ug/l	0.19 U	EPA 8260	0.19	04/02/08 13:20		JRW
MEK (2-Butanone)	ug/l	0.55 U	EPA 8260	0.55	04/02/08 13:20		JRW
Methylene chloride	ug/l	0.13 U	EPA 8260	0.13	04/02/08 13:20		JRW
MIBK (4-Methyl-2-pentanone)	ug/l	0.41 U	EPA 8260	0.41	04/02/08 13:20		JRW
o-Xylene	ug/l	0.12 U	EPA 8260	0.12	04/02/08 13:20		JRW
Styrene	ug/l	0.10 U	EPA 8260	0.10	04/02/08 13:20		JRW
Tetrachloroethene	ug/l	0.16 U	EPA 8260	0.16	04/02/08 13:20		JRW

SOUTHERN ANALYTICAL LABORATORIES, INC.

110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677 813-855-1844 fax 813-855-2218



Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654-

April 7, 2008
Project No: 81018

Laboratory Report

Project Name	Resource Recovery
Sample Description	4 MW 5
Matrix	Groundwater
SAL Sample Number	81018.01
Date/Time Collected	03/26/08 13:26
Date/Time Received	03/28/08 09:55

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
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Volatile Organic Compounds - Appendix I

Toluene	ug/l	0.10 U	EPA 8260	0.10	04/02/08 13:20		JRW
trans-1,2-Dichloroethene	ug/l	0.30 U	EPA 8260	0.30	04/02/08 13:20		JRW
trans-1,3-Dichloropropene	ug/l	0.06 U	EPA 8260	0.06	04/02/08 13:20		JRW
trans-1,4-Dichloro-2-butene	ug/l	0.28 U	EPA 8260	0.28	04/02/08 13:20		JRW
Trichloroethene	ug/l	0.12 U	EPA 8260	0.12	04/02/08 13:20		JRW
Trichlorofluoromethane	ug/l	0.21 U	EPA 8260	0.21	04/02/08 13:20		JRW
Vinyl acetate	ug/l	0.53 U	EPA 8260	0.53	04/02/08 13:20		JRW
Vinyl chloride	ug/l	0.38 U	EPA 8260	0.38	04/02/08 13:20		JRW
Xylenes, Total	ug/l	0.12 U	EPA 8260	0.12	04/02/08 13:20		JRW

Pesticide Analyses

Dibromochloropropane	ug/L	0.005 U	EPA 8011	0.005	04/01/08 11:58	03/31/08 15:45	BTJ
Ethylene Dibromide	ug/L	0.005 U	EPA 8011	0.005	04/01/08 11:58	03/31/08 15:45	BTJ

Metals

Silver	mg/l	0.0002 U	EPA 272.2	0.0002	04/03/08 08:30		SMW
Arsenic	mg/l	0.001 U	EPA 206.2	0.001	04/03/08 11:59		SMW
Barium	mg/l	0.01 U	EPA 200.7	0.01	04/01/08 19:06	03/29/08 09:35	HWS
Beryllium	mg/l	0.0001 U	EPA 200.7	0.0001	04/01/08 19:06	03/29/08 09:35	HWS
Cadmium	mg/l	0.001 U	EPA 200.7	0.001	04/01/08 19:06	03/29/08 09:35	HWS
Cobalt	mg/l	0.01 U	EPA 200.7	0.01	04/01/08 19:06	03/29/08 09:35	HWS
Chromium	mg/l	0.01 U	EPA 200.7	0.01	04/01/08 19:06	03/29/08 09:35	HWS
Copper	mg/l	0.005 U	EPA 200.7	0.005	04/01/08 19:06	03/29/08 09:35	HWS
Nickel	mg/l	0.001 U	EPA 200.7	0.001	04/01/08 19:06	03/29/08 09:35	HWS
Lead	mg/l	0.001 U	EPA 239.2	0.001	03/31/08 09:11		MKB
Antimony	mg/l	0.001 U	EPA 204.2	0.001	04/01/08 13:15		SMW
Selenium	mg/l	0.001 U	EPA 270.2	0.001	04/01/08 11:33		SMW
Thallium	mg/l	0.001 U	EPA 279.2	0.001	04/01/08 10:53		SMW
Vanadium	mg/l	0.01 U	EPA 200.7	0.01	04/01/08 19:06	03/29/08 09:35	HWS
Zinc	mg/l	0.003 U	EPA 200.7	0.003	04/01/08 19:06	03/29/08 09:35	HWS



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

Resource Recovery
Class I Landfill
Hays Road
Shady Hills, Fl
John Power

Date: 4/11/2008

SAMPLE NUMBER AA99887 SAMPLE ID 4MW5 @ RESREC
DATE SAMPLED 3/26/2008
DATE RECEIVED 3/26/2008 SAMPLER WMM
TIME RECEIVED 16:00 DELIVERED BY WMM

SAMPLE MATRIX GW
TIME SAMPLED 13:26
RECEIVED BY CF
SAMPLE TYPE
Pumped

ANALYSIS	ANALYSIS						UNIT	DET. LIMIT
	METHOD	DATE	TIME	BY	RESULT	QUAL.		
Color by Observation	Observation	3/26/2008	13:26	WM	CLEAR			
Conductivity Field	SM2510B	3/26/2008	13:26	WM	557		umhos/cm	
Dissolved Oxygen Field	SM4500OG	3/26/2008	13:26	WM	3.54		mg/L	0.00
pH Field	SM4500HB	3/26/2008	13:26	WM	7.18		std units	
Temperature Field	SM2550B	3/26/2008	13:26	WM	26.64		deg C	
Water Level		3/26/2008	13:26	WM	22.40		Feet N.G.V	
Iron, Total, Flame	SM3111B	4/1/2008	15:10	TER	0.02		mg/L	0.01
Mercury, Total, CVAA	SM3112B	4/2/2008	9:10	TER	<0.0005	U	mg/L	0.0005
Sodium, Total, Flame	SM3111B	4/1/2008	15:30	TER	31.2		mg/L	0.20
Ammonia	SM4500NH3	4/9/2008	8:00	IF	<0.04	U	mg/L	0.04
Nitrate	SM4500NO3	3/28/2008	9:00	IF	1.03		mg/L	0.02

ANALYSIS COMMENTS:

All calulations are on wet weight basis

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

Resource Recovery
Class I Landfill
Hays Road
Shady Hills, Fl
John Power

Date: 4/11/2008

SAMPLE NUMBER AA99887 SAMPLE ID 4MW5 @ RESREC
DATE SAMPLED 3/26/2008
DATE RECEIVED 3/26/2008 SAMPLER WMM
TIME RECEIVED 16:00 DELIVERED BY WMM

SAMPLE MATRIX GW
TIME SAMPLED 13:26
RECEIVED BY CF
SAMPLE TYPE
Pumped

ANALYSIS	ANALYSIS						DET. LIMIT
	METHOD	DATE	TIME	BY	RESULT	QUAL. UNIT	
Total Dissolved Solids	SM2540C	4/1/2008	16:30	AS	470		mg/L 18.4
Chloride	SM4500CLE	3/31/2008	12:00	CEM	88.8		mg/L 0.33
Turbidity	SM2130B	3/27/2008	7:30	WM	0.235		NTU's

ANALYSIS COMMENTS:

All calulations are on wet weight basis

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030

Sampling Date/Time: 03/25/08 11:15

Test Site ID #: 4051A16510

Report Period: 2008 / Quarter I
(year/quarter)

Well Name: 2MW-6

Well Purged (Y/N): YES

Classification of Groundwater: Surficial

Well Type: () Background

() Intermediate

(XXX) Compliance

() Other

Groundwater Elevation (NGVD): Dry

or (MSL):

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000929	Sodium	Well Wiz. Ded. Mon. System	No	SM 3111B		Dry mg/L	0.10 mg/L
001045	Iron	"	"	SM 3111B		Dry mg/L	0.02 mg/L
071900	Mercury	"	"	SM 3112B		Dry mg/L	0.0005 mg/L
000400	pH-Field	"	"	SM 4500H+B		Dry Std. Units	0.01 Std. Units
000010	Temperature (Field)	"	"	SM 2550B		Dry °C	0 °C
000095	Specific Cond. (Field)	"	"	SM 2510B		Dry µmhos/cm	0.0 µmhos/cm
000344	D.O. (Field)	"	"	SM 4500G		Dry mg/L	0.0 mg/L
082079	Turbidity	"	"	SM 2130B		Dry NTU	0.01 NTU
000940	Chloride	"	"	SM 4500Cl-B		Dry mg/L	0.47 mg/L
070300	Total Dis. Solids	"	"	SM 2540C		Dry mg/L	17.3 mg/L
000610	Ammonia	"	"	SM 4500NH ₃ H		Dry mg/L	0.08 mg/L
000620	Nitrate	"	"	SM 4500NO ₃ F		Dry mg/L	0.03 mg/L
072020	Water Level (MSL)	"	"			Dry Feet	Feet

*Attach Laboratory Reports

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030

Sampling Date/Time: 03/25/08 14:28

Test Site ID #: 4051A16515

Report Period: 2008 / Quarter I
(year/quarter)

Well Name: 4MW-6

Well Purged (Y/N): YES

Classification of Groundwater: Floridan

Well Type: () Background

Groundwater Elevation (NGVD): 25.44

() Intermediate

(XXX) 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
000929	Sodium	Well Wiz. Ded. Mon. System	No	SM 3111B	04/01/08 15:30	3.74 mg/L	0.10 mg/L
001045	Iron	"	"	SM 3111B	04/01/08 15:10	0.02 mg/L	0.02 mg/L
071900	Mercury	"	"	SM 3112B	04/02/08 9:10	<0.0005 mg/L	0.0005 mg/L
000400	pH-Field	"	"	SM 4500H+B	03/25/08 14:28	8.41 Std. Units	0.01 Std. Units
000010	Temperature (Field)	"	"	SM 2550B	03/25/08 14:28	23.65 °C	0 °C
000095	Specific Cond. (Field)	"	"	SM 2510B	03/25/08 14:28	142 µmhos/cm	0.0 µmhos/cm
000344	D.O. (Field)	"	"	SM 4500G	03/25/08 14:28	4.24 mg/L	0.0 mg/L
082079	Turbidity	"	"	SM 2130B	03/25/08 17:05	0.140 NTU	0.01 NTU
000940	Chloride	"	"	SM 4500Cl-B	03/31/08 12:00	2.25 mg/L	0.47 mg/L
070300	Total Dis. Solids	"	"	SM 2540C	03/25/08 16:00	98 mg/L	17.3 mg/L
000610	Ammonia	"	"	SM 4500NH ₃ H	04/09/08 8:00	<0.04 mg/L	0.08 mg/L
000620	Nitrate	"	"	SM 4500NO ₃ F	03/28/08 9:00	1.39 mg/L	0.03 mg/L
072020	Water Level (MSL)	"	"		03/25/08 14:28	25.44 Feet	Feet

*Attach Laboratory Reports

SOUTHERN ANALYTICAL LABORATORIES, INC.

110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677 813-855-1844 fax 813-855-2218



Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654-

April 3, 2008
Project No: 80944

Laboratory Report

Project Name	Resource Recovery
Sample Description	4 MW 6
Matrix	Groundwater
SAL Sample Number	80944.03
Date/Time Collected	03/25/08 14:28
Date/Time Received	03/26/08 14:15

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
Volatile Organic Compounds - Appendix I							
1,1,1,2-Tetrachloroethane	ug/l	0.12 U	EPA 8260	0.12	03/27/08 06:45		JRW
1,1,1-Trichloroethane	ug/l	0.09 U	EPA 8260	0.09	03/27/08 06:45		JRW
1,1,2,2-Tetrachloroethane	ug/l	0.12 U	EPA 8260	0.12	03/27/08 06:45		JRW
1,1,2-Trichloroethane	ug/l	0.23 U	EPA 8260	0.23	03/27/08 06:45		JRW
1,1-Dichloroethane	ug/l	0.12 U	EPA 8260	0.12	03/27/08 06:45		JRW
1,1-Dichloroethene	ug/l	0.14 U	EPA 8260	0.14	03/27/08 06:45		JRW
1,2,3-Trichloropropane	ug/l	0.18 U	EPA 8260	0.18	03/27/08 06:45		JRW
1,2-Dibromo-3-chloropropane	ug/l	0.24 U	EPA 8260	0.24	03/27/08 06:45		JRW
1,2-Dibromoethane	ug/l	0.13 U	EPA 8260	0.13	03/27/08 06:45		JRW
1,2-Dichlorobenzene	ug/l	0.13 U	EPA 8260	0.13	03/27/08 06:45		JRW
1,2-Dichloroethane	ug/l	0.12 U	EPA 8260	0.12	03/27/08 06:45		JRW
1,2-Dichloropropane	ug/l	0.06 U	EPA 8260	0.06	03/27/08 06:45		JRW
1,4-Dichlorobenzene	ug/l	0.13 U	EPA 8260	0.13	03/27/08 06:45		JRW
2-Hexanone	ug/l	0.33 U	EPA 8260	0.33	03/27/08 06:45		JRW
Acetone	ug/l	1.9 U	EPA 8260	1.9	03/27/08 06:45		JRW
Acrylonitrile	ug/l	1.6 U	EPA 8260	1.6	03/27/08 06:45		JRW
Benzene	ug/l	0.10 U	EPA 8260	0.10	03/27/08 06:45		JRW
Bromochloromethane	ug/l	0.22 U	EPA 8260	0.22	03/27/08 06:45		JRW
Bromodichloromethane	ug/l	0.13 U	EPA 8260	0.13	03/27/08 06:45		JRW
Bromoform	ug/l	0.10 U	EPA 8260	0.10	03/27/08 06:45		JRW
Bromomethane	ug/l	0.58 U	EPA 8260	0.58	03/27/08 06:45		JRW
Carbon disulfide	ug/l	0.14 U	EPA 8260	0.14	03/27/08 06:45		JRW
Carbon tetrachloride	ug/l	0.22 U	EPA 8260	0.22	03/27/08 06:45		JRW
Chlorobenzene	ug/l	0.04 U	EPA 8260	0.04	03/27/08 06:45		JRW
Chloroethane	ug/l	0.39 U	EPA 8260	0.39	03/27/08 06:45		JRW
Chloroform	ug/l	0.14 U	EPA 8260	0.14	03/27/08 06:45		JRW
Chloromethane	ug/l	0.47 U	EPA 8260	0.47	03/27/08 06:45		JRW
cis-1,2-Dichloroethene	ug/l	0.08 U	EPA 8260	0.08	03/27/08 06:45		JRW
cis-1,3-Dichloropropene	ug/l	0.14 U	EPA 8260	0.14	03/27/08 06:45		JRW
Dibromochloromethane	ug/l	0.15 U	EPA 8260	0.15	03/27/08 06:45		JRW
Dibromomethane	ug/l	0.24 U	EPA 8260	0.24	03/27/08 06:45		JRW
Ethylbenzene	ug/l	0.13 U	EPA 8260	0.13	03/27/08 06:45		JRW
Iodomethane	ug/l	0.16 U	EPA 8260	0.16	03/27/08 06:45		JRW
m,p-Xylenes	ug/l	0.19 U	EPA 8260	0.19	03/27/08 06:45		JRW
MEK (2-Butanone)	ug/l	0.55 U	EPA 8260	0.55	03/27/08 06:45		JRW
Methylene chloride	ug/l	0.13 U	EPA 8260	0.13	03/27/08 06:45		JRW
MIBK (4-Methyl-2-pentanone)	ug/l	0.41 U	EPA 8260	0.41	03/27/08 06:45		JRW
o-Xylene	ug/l	0.12 U	EPA 8260	0.12	03/27/08 06:45		JRW
Styrene	ug/l	0.10 U	EPA 8260	0.10	03/27/08 06:45		JRW
Tetrachloroethene	ug/l	0.16 U	EPA 8260	0.16	03/27/08 06:45		JRW

SOUTHERN ANALYTICAL LABORATORIES, INC.

110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677 813-855-1844 fax 813-855-2218



Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654-

April 3, 2008
Project No: 80944

Laboratory Report

Project Name	Resource Recovery
Sample Description	4 MW 6
Matrix	Groundwater
SAL Sample Number	80944.03
Date/Time Collected	03/25/08 14:28
Date/Time Received	03/26/08 14:15

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
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Volatile Organic Compounds - Appendix I

Toluene	ug/l	0.10 U	EPA 8260	0.10	03/27/08 06:45		JRW
trans-1,2-Dichloroethene	ug/l	0.30 U	EPA 8260	0.30	03/27/08 06:45		JRW
trans-1,3-Dichloropropene	ug/l	0.06 U	EPA 8260	0.06	03/27/08 06:45		JRW
trans-1,4-Dichloro-2-butene	ug/l	0.28 U	EPA 8260	0.28	03/27/08 06:45		JRW
Trichloroethene	ug/l	0.12 U	EPA 8260	0.12	03/27/08 06:45		JRW
Trichlorofluoromethane	ug/l	0.21 U	EPA 8260	0.21	03/27/08 06:45		JRW
Vinyl acetate	ug/l	0.53 U	EPA 8260	0.53	03/27/08 06:45		JRW
Vinyl chloride	ug/l	0.38 U	EPA 8260	0.38	03/27/08 06:45		JRW
Xylenes, Total	ug/l	0.12 U	EPA 8260	0.12	03/27/08 06:45		JRW

Pesticide Analyses

Dibromochloropropane	ug/L	0.005 U	EPA 8011	0.005	04/01/08 09:49	03/31/08 15:45	BTJ
Ethylene Dibromide	ug/L	0.005 U	EPA 8011	0.005	04/01/08 09:49	03/31/08 15:45	BTJ

Metals

Silver	mg/l	0.0002 U	EPA 272.2	0.0002	04/03/08 08:30		SMW
Arsenic	mg/l	0.001 U	EPA 206.2	0.001	03/31/08 09:43		SMW
Barium	mg/l	0.01 U	EPA 200.7	0.01	03/31/08 14:59	03/29/08 09:35	HWS
Beryllium	mg/l	0.0001 U	EPA 200.7	0.0001	03/31/08 14:59	03/29/08 09:35	HWS
Cadmium	mg/l	0.001 U	EPA 200.7	0.001	03/31/08 14:59	03/29/08 09:35	HWS
Cobalt	mg/l	0.01 U	EPA 200.7	0.01	03/31/08 14:59	03/29/08 09:35	HWS
Chromium	mg/l	0.01 U	EPA 200.7	0.01	03/31/08 14:59	03/29/08 09:35	HWS
Copper	mg/l	0.005 U	EPA 200.7	0.005	03/31/08 14:59	03/29/08 09:35	HWS
Nickel	mg/l	0.001 U	EPA 200.7	0.001	03/31/08 14:59	03/29/08 09:35	HWS
Lead	mg/l	0.001 U	EPA 239.2	0.001	03/31/08 09:11		MKB
Antimony	mg/l	0.001 U	EPA 204.2	0.001	04/01/08 13:15		SMW
Selenium	mg/l	0.001 U	EPA 270.2	0.001	04/01/08 11:33		SMW
Thallium	mg/l	0.001 U	EPA 279.2	0.001	04/01/08 10:53		SMW
Vanadium	mg/l	0.01 U	EPA 200.7	0.01	03/31/08 14:59	03/29/08 09:35	HWS
Zinc	mg/l	0.0061 U	EPA 200.7	0.003	03/31/08 14:59	03/29/08 09:35	HWS



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

Resource Recovery
Class I Landfill
Hays Road
Shady Hills, Fl
John Power

Date: 4/11/2008

SAMPLE NUMBER AA99825 SAMPLE ID 4MW6 @ RESREC
DATE SAMPLED 3/25/2008
DATE RECEIVED 3/25/2008 SAMPLER WMM
TIME RECEIVED 16:00 DELIVERED BY WMM

SAMPLE MATRIX GW
TIME SAMPLED 14:28
RECEIVED BY CF
SAMPLE TYPE
Pumped

ANALYSIS	ANALYSIS						DET. LIMIT
	METHOD	DATE	TIME	BY	RESULT	QUAL. UNIT	
Color by Observation	Observation	3/25/2008	14:28	WM	CLEAR		
Conductivity Field	SM2510B	3/25/2008	14:28	WM	142	umhos/cm	
Dissolved Oxygen Field	SM4500OG	3/25/2008	14:28	WM	4.24	mg/L	0.00
pH Field	SM4500HB	3/25/2008	14:28	WM	8.41	std units	
Temperature Field	SM2550B	3/25/2008	14:28	WM	23.65	deg C	
Water Level		3/25/2008	14:28	WM	25.44	Feet N.G.V	
Iron, Total, Flame	SM3111B	4/1/2008	15:10	TER	0.02	mg/L	0.01
Mercury, Total, CVAA	SM3112B	4/2/2008	9:10	TER	<0.0005	U mg/L	0.0005
Sodium, Total, Flame	SM3111B	4/1/2008	15:30	TER	3.74	mg/L	0.20
Ammonia	SM4500NH3	4/9/2008	8:00	IF	<0.04	U mg/L	0.04
Nitrate	SM4500NO3	3/28/2008	9:00	IF	1.39	mg/L	0.02

ANALYSIS COMMENTS:

All calulations are on wet weight basis

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

Resource Recovery
Class I Landfill
Hays Road
Shady Hills, Fl
John Power

Date: 4/11/2008

SAMPLE NUMBER AA99825 SAMPLE ID 4MW6 @ RESREC
DATE SAMPLED 3/25/2008
DATE RECEIVED 3/25/2008 SAMPLER WMM
TIME RECEIVED 16:00 DELIVERED BY WMM

SAMPLE MATRIX GW
TIME SAMPLED 14:28
RECEIVED BY CF
SAMPLE TYPE
Pumped

ANALYSIS	ANALYSIS						DET. LIMIT
	METHOD	DATE	TIME	BY	RESULT	QUAL. UNIT	
Total Dissolved Solids	SM2540C	3/25/2008	16:00	AS	98	mg/L	18.4
Chloride	SM4500CLE	3/31/2008	12:00	CEM	2.25	mg/L	0.33
Turbidity	SM2130B	3/25/2008	17:05	WM	0.140	NTU's	

ANALYSIS COMMENTS:

All calculations are on wet weight basis

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030

Sampling Date/Time: 03/25/08, 12:30

Test Site ID #:

Report Period: 2008 / Semester I
(year/quarter)

Well Name: 4MW-11D

Well Purged (Y/N): YES

Classification of Groundwater: Floridan

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

Groundwater Elevation (NGVD): 24.85

or (MSL):

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000929	Sodium	Well Wiz. Ded. Mon. System	No	SM 3111B	04/01/08 15:30	4.06 mg/L	0.10 mg/L
001045	Iron	"	"	SM 3111B	04/01/08 15:10	0.06 mg/L	0.02 mg/L
071900	Mercury	"	"	SM 3112B	04/02/08 9:10	<0.0005 mg/L	0.0005 mg/L
000400	pH-Field	"	"	SM 4500H+B	03/25/08 12:30	7.67 Std. Units	0.01 Std. Units
000010	Temperature (Field)	"	"	SM 2550B	03/25/08 12:30	23.11 °C	0 °C
000095	Specific Cond. (Field)	"	"	SM 2510B	03/25/08 12:30	289 µmhos/cm	0.0 µmhos/cm
000344	D.O. (Field)	"	"	SM 45000G	03/25/08 12:30	2.87 mg/L	0.0 mg/L
082079	Turbidity	"	"	SM 2130B	03/25/08 17:05	4.70 NTU	0.01 NTU
000940	Chloride	"	"	SM 4500Cl-B	03/31/08 12:00	3.05 mg/L	0.47 mg/L
070300	Total Dis. Solids	"	"	SM 2540C	03/25/08 16:00	174 mg/L	17.3 mg/L
000610	Ammonia	"	"	SM 4500NH ₃ H	04/09/08 8:00	<0.04 mg/L	0.08 mg/L
000620	Nitrate	"	"	SM 4500NO ₃ F	03/28/08 9:00	1.03 mg/L	0.03 mg/L
072020	Water Level (MSL)	"	"		03/25/08 12:30	24.85 Feet	Feet
900216	Color	"	"	SM 2120B	03/25/08 12:30	Clear PCU	0.0 PCU

*Attach Laboratory Reports

SOUTHERN ANALYTICAL LABORATORIES, INC.

110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677 813-855-1844 fax 813-855-2218



Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654-

April 3, 2008
Project No: 80944

Laboratory Report

Project Name	Resource Recovery
Sample Description	4 MW 11D
Matrix	Groundwater
SAL Sample Number	80944.04
Date/Time Collected	03/25/08 12:30
Date/Time Received	03/26/08 14:15

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
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Volatile Organic Compounds - Appendix I

1,1,1,2-Tetrachloroethane	ug/l	0.12 U	EPA 8260	0.12	03/27/08 07:16		JRW
1,1,1-Trichloroethane	ug/l	0.09 U	EPA 8260	0.09	03/27/08 07:16		JRW
1,1,2,2-Tetrachloroethane	ug/l	0.12 U	EPA 8260	0.12	03/27/08 07:16		JRW
1,1,2-Trichloroethane	ug/l	0.23 U	EPA 8260	0.23	03/27/08 07:16		JRW
1,1-Dichloroethane	ug/l	0.12 U	EPA 8260	0.12	03/27/08 07:16		JRW
1,1-Dichloroethene	ug/l	0.14 U	EPA 8260	0.14	03/27/08 07:16		JRW
1,2,3-Trichloropropane	ug/l	0.18 U	EPA 8260	0.18	03/27/08 07:16		JRW
1,2-Dibromo-3-chloropropane	ug/l	0.24 U	EPA 8260	0.24	03/27/08 07:16		JRW
1,2-Dibromoethane	ug/l	0.13 U	EPA 8260	0.13	03/27/08 07:16		JRW
1,2-Dichlorobenzene	ug/l	0.13 U	EPA 8260	0.13	03/27/08 07:16		JRW
1,2-Dichloroethane	ug/l	0.12 U	EPA 8260	0.12	03/27/08 07:16		JRW
1,2-Dichloropropane	ug/l	0.06 U	EPA 8260	0.06	03/27/08 07:16		JRW
1,4-Dichlorobenzene	ug/l	0.13 U	EPA 8260	0.13	03/27/08 07:16		JRW
2-Hexanone	ug/l	0.33 U	EPA 8260	0.33	03/27/08 07:16		JRW
Acetone	ug/l	1.9 U	EPA 8260	1.9	03/27/08 07:16		JRW
Acrylonitrile	ug/l	1.6 U	EPA 8260	1.6	03/27/08 07:16		JRW
Benzene	ug/l	0.10 U	EPA 8260	0.10	03/27/08 07:16		JRW
Bromochloromethane	ug/l	0.22 U	EPA 8260	0.22	03/27/08 07:16		JRW
Bromodichloromethane	ug/l	0.13 U	EPA 8260	0.13	03/27/08 07:16		JRW
Bromoform	ug/l	0.10 U	EPA 8260	0.10	03/27/08 07:16		JRW
Bromomethane	ug/l	0.58 U	EPA 8260	0.58	03/27/08 07:16		JRW
Carbon disulfide	ug/l	0.14 U	EPA 8260	0.14	03/27/08 07:16		JRW
Carbon tetrachloride	ug/l	0.22 U	EPA 8260	0.22	03/27/08 07:16		JRW
Chlorobenzene	ug/l	0.04 U	EPA 8260	0.04	03/27/08 07:16		JRW
Chloroethane	ug/l	0.39 U	EPA 8260	0.39	03/27/08 07:16		JRW
Chloroform	ug/l	0.14 U	EPA 8260	0.14	03/27/08 07:16		JRW
Chloromethane	ug/l	0.47 U	EPA 8260	0.47	03/27/08 07:16		JRW
cis-1,2-Dichloroethene	ug/l	0.08 U	EPA 8260	0.08	03/27/08 07:16		JRW
cis-1,3-Dichloropropene	ug/l	0.14 U	EPA 8260	0.14	03/27/08 07:16		JRW
Dibromochloromethane	ug/l	0.15 U	EPA 8260	0.15	03/27/08 07:16		JRW
Dibromomethane	ug/l	0.24 U	EPA 8260	0.24	03/27/08 07:16		JRW
Ethylbenzene	ug/l	0.13 U	EPA 8260	0.13	03/27/08 07:16		JRW
Iodomethane	ug/l	0.16 U	EPA 8260	0.16	03/27/08 07:16		JRW
m,p-Xylenes	ug/l	0.19 U	EPA 8260	0.19	03/27/08 07:16		JRW
MEK (2-Butanone)	ug/l	0.55 U	EPA 8260	0.55	03/27/08 07:16		JRW
Methylene chloride	ug/l	0.13 U	EPA 8260	0.13	03/27/08 07:16		JRW
MIBK (4-Methyl-2-pentanone)	ug/l	0.41 U	EPA 8260	0.41	03/27/08 07:16		JRW
o-Xylene	ug/l	0.12 U	EPA 8260	0.12	03/27/08 07:16		JRW
Styrene	ug/l	0.10 U	EPA 8260	0.10	03/27/08 07:16		JRW
Tetrachloroethene	ug/l	0.16 U	EPA 8260	0.16	03/27/08 07:16		JRW

SOUTHERN ANALYTICAL LABORATORIES, INC.

110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677

813-855-1844 fax 813-855-2218



Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654-

April 3, 2008
Project No: 80944

Laboratory Report

Project Name	Resource Recovery
Sample Description	4 MW 11D
Matrix	Groundwater
SAL Sample Number	80944.04
Date/Time Collected	03/25/08 12:30
Date/Time Received	03/26/08 14:15

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
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Volatile Organic Compounds - Appendix I

Toluene	ug/l	0.10 U	EPA 8260	0.10	03/27/08 07:16		JRW
trans-1,2-Dichloroethene	ug/l	0.30 U	EPA 8260	0.30	03/27/08 07:16		JRW
trans-1,3-Dichloropropene	ug/l	0.06 U	EPA 8260	0.06	03/27/08 07:16		JRW
trans-1,4-Dichloro-2-butene	ug/l	0.28 U	EPA 8260	0.28	03/27/08 07:16		JRW
Trichloroethene	ug/l	0.12 U	EPA 8260	0.12	03/27/08 07:16		JRW
Trichlorofluoromethane	ug/l	0.21 U	EPA 8260	0.21	03/27/08 07:16		JRW
Vinyl acetate	ug/l	0.53 U	EPA 8260	0.53	03/27/08 07:16		JRW
Vinyl chloride	ug/l	0.38 U	EPA 8260	0.38	03/27/08 07:16		JRW
Xylenes, Total	ug/l	0.12 U	EPA 8260	0.12	03/27/08 07:16		JRW

Pesticide Analyses

Dibromochloropropane	ug/L	0.005 U	EPA 8011	0.005	04/01/08 11:36	03/31/08 15:45	BTJ
Ethylene Dibromide	ug/L	0.005 U	EPA 8011	0.005	04/01/08 11:36	03/31/08 15:45	BTJ

Metals

Silver	mg/l	0.0002 U	EPA 272.2	0.0002	04/03/08 08:30		SMW
Arsenic	mg/l	0.001 U	EPA 206.2	0.001	03/31/08 09:43		SMW
Barium	mg/l	0.01 U	EPA 200.7	0.01	03/31/08 14:59	03/29/08 09:35	HWS
Beryllium	mg/l	0.0001 U	EPA 200.7	0.0001	03/31/08 14:59	03/29/08 09:35	HWS
Cadmium	mg/l	0.001 U	EPA 200.7	0.001	03/31/08 14:59	03/29/08 09:35	HWS
Cobalt	mg/l	0.01 U	EPA 200.7	0.01	03/31/08 14:59	03/29/08 09:35	HWS
Chromium	mg/l	0.01 U	EPA 200.7	0.01	03/31/08 14:59	03/29/08 09:35	HWS
Copper	mg/l	0.005 U	EPA 200.7	0.005	03/31/08 14:59	03/29/08 09:35	HWS
Nickel	mg/l	0.001 U	EPA 200.7	0.001	03/31/08 14:59	03/29/08 09:35	HWS
Lead	mg/l	0.001 U	EPA 239.2	0.001	03/31/08 09:11		MKB
Antimony	mg/l	0.001 U	EPA 204.2	0.001	04/01/08 13:15		SMW
Selenium	mg/l	0.001 U	EPA 270.2	0.001	04/01/08 11:33		SMW
Thallium	mg/l	0.001 U	EPA 279.2	0.001	04/01/08 10:53		SMW
Vanadium	mg/l	0.01 U	EPA 200.7	0.01	03/31/08 14:59	03/29/08 09:35	HWS
Zinc	mg/l	0.003 U	EPA 200.7	0.003	03/31/08 14:59	03/29/08 09:35	HWS



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

Resource Recovery
Class I Landfill
Hays Road
Shady Hills, Fl
John Power

Date: 4/11/2008

SAMPLE NUMBER AA99826 SAMPLE ID 4MW11D @ RESREC
DATE SAMPLED 3/25/2008
DATE RECEIVED 3/25/2008 SAMPLER WMM
TIME RECEIVED 16:00 DELIVERED BY WMM

SAMPLE MATRIX GW
TIME SAMPLED 12:30
RECEIVED BY CF
SAMPLE TYPE
Pumped

ANALYSIS	ANALYSIS						DET. LIMIT
	METHOD	DATE	TIME	BY	RESULT	QUAL. UNIT	
Color by Observation	Observation	3/25/2008	12:30	WM	CLEAR		
Conductivity Field	SM2510B	3/25/2008	12:30	WM	289	umhos/cm	
Dissolved Oxygen Field	SM4500OG	3/25/2008	12:30	WM	2.87	mg/L	0.00
pH Field	SM4500HB	3/25/2008	12:30	WM	7.67	std units	
Temperature Field	SM2550B	3/25/2008	12:30	WM	23.11	deg C	
Water Level		3/25/2008	12:30	WM	24.85	Feet N.G.V	
Iron, Total, Flame	SM3111B	4/1/2008	15:10	TER	0.06	mg/L	0.01
Mercury, Total, CVAA	SM3112B	4/2/2008	9:10	TER	<0.0005	mg/L	0.0005
Sodium, Total, Flame	SM3111B	4/1/2008	15:30	TER	4.06	mg/L	0.20
Ammonia	SM4500NH3	4/9/2008	8:00	IF	<0.04	mg/L	0.04
Nitrate	SM4500NO3	3/28/2008	9:00	IF	1.03	mg/L	0.02

ANALYSIS COMMENTS:

All calculations are on wet weight basis

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

Resource Recovery
Class I Landfill
Hays Road
Shady Hills, Fl
John Power

Date: 4/11/2008

SAMPLE NUMBER AA99826 SAMPLE ID 4MW11D @ RESREC
DATE SAMPLED 3/25/2008
DATE RECEIVED 3/25/2008 SAMPLER WMM
TIME RECEIVED 16:00 DELIVERED BY WMM

SAMPLE MATRIX GW
TIME SAMPLED 12:30
RECEIVED BY CF
SAMPLE TYPE
Pumped

ANALYSIS	ANALYSIS						DET. LIMIT
	METHOD	DATE	TIME	BY	RESULT	QUAL. UNIT	
Total Dissolved Solids	SM2540C	3/25/2008	16:00	AS	174	mg/L	18.4
Chloride	SM4500CLE	3/31/2008	12:00	CEM	3.05	mg/L	0.33
Turbidity	SM2130B	3/25/2008	17:05	WM	4.70	NTU's	

ANALYSIS COMMENTS:

All calulations are on wet weight basis

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030

Sampling Date/Time: 03/26/08, 9:46

Test Site ID #: _____

Report Period: 2008 / Semester I
(year/quarter)

Well Name: 4MW-12D

Well Purged (Y/N): YES

Classification of Groundwater: Floridan

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

Groundwater Elevation (NGVD): 24.50

or (MSL): _____

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000929	Sodium	Well Wiz. Ded. Mon. System	No	SM 3111B	04/01/08 15:30	8.24 mg/L	0.10 mg/L
001045	Iron	"	"	SM 3111B	04/01/08 15:10	0.02 mg/L	0.02 mg/L
071900	Mercury	"	"	SM 3112B	04/02/08 9:10	<0.0005 mg/L	0.0005 mg/L
000400	pH-Field	"	"	SM 4500H+B	03/26/08 9:46	7.03 Std. Units	0.01 Std. Units
000010	Temperature (Field)	"	"	SM 2550B	03/26/08 9:46	24.68 °C	0 °C
000095	Specific Cond. (Field)	"	"	SM 2510B	03/26/08 9:46	482 µmhos/cm	0.0 µmhos/cm
000344	D.O. (Field)	"	"	SM 45000G	03/26/08 9:46	1.42 mg/L	0.0 mg/L
082079	Turbidity	"	"	SM 2130B	03/27/08 7:30	0.061 NTU	0.01 NTU
000940	Chloride	"	"	SM 4500Cl-B	03/31/08 12:00	45.9 mg/L	0.47 mg/L
070300	Total Dis. Solids	"	"	SM 2540C	04/01/08 16:30	364 mg/L	17.3 mg/L
000610	Ammonia	"	"	SM 4500NH ₃ H	04/09/08 8:00	<0.04 mg/L	0.08 mg/L
000620	Nitrate	"	"	SM 4500NO ₃ F	03/28/08 9:00	0.08 mg/L	0.03 mg/L
072020	Water Level (MSL)	"	"		3/26/08 9:46	24.50 Feet	Feet
900216	Color	"	"	SM 2120B	03/26/08 9:46	Clear PCU	0.0 PCU

*Attach Laboratory Reports

SOUTHERN ANALYTICAL LABORATORIES, INC.

110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677 813-855-1844 fax 813-855-2218



Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654-

April 7, 2008
Project No: 81018

Laboratory Report

Project Name	Resource Recovery
Sample Description	4 MW 12D
Matrix	Groundwater
SAL Sample Number	81018.02
Date/Time Collected	03/26/08 09:46
Date/Time Received	03/28/08 09:55

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
Volatile Organic Compounds - Appendix I							
1,1,1,2-Tetrachloroethane	ug/l	0.12 U	EPA 8260	0.12	04/02/08 15:23		JRW
1,1,1-Trichloroethane	ug/l	0.09 U	EPA 8260	0.09	04/02/08 15:23		JRW
1,1,2,2-Tetrachloroethane	ug/l	0.12 U	EPA 8260	0.12	04/02/08 15:23		JRW
1,1,2-Trichloroethane	ug/l	0.23 U	EPA 8260	0.23	04/02/08 15:23		JRW
1,1-Dichloroethane	ug/l	0.12 U	EPA 8260	0.12	04/02/08 15:23		JRW
1,1-Dichloroethene	ug/l	0.14 U	EPA 8260	0.14	04/02/08 15:23		JRW
1,2,3-Trichloropropane	ug/l	0.18 U	EPA 8260	0.18	04/02/08 15:23		JRW
1,2-Dibromo-3-chloropropane	ug/l	0.24 U	EPA 8260	0.24	04/02/08 15:23		JRW
1,2-Dibromoethane	ug/l	0.13 U	EPA 8260	0.13	04/02/08 15:23		JRW
1,2-Dichlorobenzene	ug/l	0.13 U	EPA 8260	0.13	04/02/08 15:23		JRW
1,2-Dichloroethane	ug/l	0.12 U	EPA 8260	0.12	04/02/08 15:23		JRW
1,2-Dichloropropane	ug/l	0.06 U	EPA 8260	0.06	04/02/08 15:23		JRW
1,4-Dichlorobenzene	ug/l	0.13 U	EPA 8260	0.13	04/02/08 15:23		JRW
2-Hexanone	ug/l	0.33 U	EPA 8260	0.33	04/02/08 15:23		JRW
Acetone	ug/l	1.9 U	EPA 8260	1.9	04/02/08 15:23		JRW
Acrylonitrile	ug/l	1.6 U	EPA 8260	1.6	04/02/08 15:23		JRW
Benzene	ug/l	0.10 U	EPA 8260	0.10	04/02/08 15:23		JRW
Bromochloromethane	ug/l	0.22 U	EPA 8260	0.22	04/02/08 15:23		JRW
Bromodichloromethane	ug/l	0.13 U	EPA 8260	0.13	04/02/08 15:23		JRW
Bromoform	ug/l	0.10 U	EPA 8260	0.10	04/02/08 15:23		JRW
Bromomethane	ug/l	0.58 U	EPA 8260	0.58	04/02/08 15:23		JRW
Carbon disulfide	ug/l	0.14 U	EPA 8260	0.14	04/02/08 15:23		JRW
Carbon tetrachloride	ug/l	0.22 U	EPA 8260	0.22	04/02/08 15:23		JRW
Chlorobenzene	ug/l	0.04 U	EPA 8260	0.04	04/02/08 15:23		JRW
Chloroethane	ug/l	0.39 U	EPA 8260	0.39	04/02/08 15:23		JRW
Chloroform	ug/l	0.14 U	EPA 8260	0.14	04/02/08 15:23		JRW
Chloromethane	ug/l	0.47 U	EPA 8260	0.47	04/02/08 15:23		JRW
cis-1,2-Dichloroethene	ug/l	0.08 U	EPA 8260	0.08	04/02/08 15:23		JRW
cis-1,3-Dichloropropene	ug/l	0.14 U	EPA 8260	0.14	04/02/08 15:23		JRW
Dibromochloromethane	ug/l	0.15 U	EPA 8260	0.15	04/02/08 15:23		JRW
Dibromomethane	ug/l	0.24 U	EPA 8260	0.24	04/02/08 15:23		JRW
Ethylbenzene	ug/l	0.13 U	EPA 8260	0.13	04/02/08 15:23		JRW
Iodomethane	ug/l	0.16 U	EPA 8260	0.16	04/02/08 15:23		JRW
m,p-Xylenes	ug/l	0.19 U	EPA 8260	0.19	04/02/08 15:23		JRW
MEK (2-Butanone)	ug/l	0.55 U	EPA 8260	0.55	04/02/08 15:23		JRW
Methylene chloride	ug/l	0.13 U	EPA 8260	0.13	04/02/08 15:23		JRW
MIBK (4-Methyl-2-pentanone)	ug/l	0.41 U	EPA 8260	0.41	04/02/08 15:23		JRW
o-Xylene	ug/l	0.12 U	EPA 8260	0.12	04/02/08 15:23		JRW
Styrene	ug/l	0.10 U	EPA 8260	0.10	04/02/08 15:23		JRW
Tetrachloroethene	ug/l	0.16 U	EPA 8260	0.16	04/02/08 15:23		JRW

SOUTHERN ANALYTICAL LABORATORIES, INC.

110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677

813-855-1844 fax 813-855-2218



Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654-

April 7, 2008
Project No: 81018

Laboratory Report

Project Name	Resource Recovery
Sample Description	4 MW 12D
Matrix	Groundwater
SAL Sample Number	81018.02
Date/Time Collected	03/26/08 09:46
Date/Time Received	03/28/08 09:55

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
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Volatile Organic Compounds - Appendix I

Toluene	ug/l	0.10 U	EPA 8260	0.10	04/02/08 15:23		JRW
trans-1,2-Dichloroethene	ug/l	0.30 U	EPA 8260	0.30	04/02/08 15:23		JRW
trans-1,3-Dichloropropene	ug/l	0.06 U	EPA 8260	0.06	04/02/08 15:23		JRW
trans-1,4-Dichloro-2-butene	ug/l	0.28 U	EPA 8260	0.28	04/02/08 15:23		JRW
Trichloroethene	ug/l	0.12 U	EPA 8260	0.12	04/02/08 15:23		JRW
Trichlorofluoromethane	ug/l	0.21 U	EPA 8260	0.21	04/02/08 15:23		JRW
Vinyl acetate	ug/l	0.53 U	EPA 8260	0.53	04/02/08 15:23		JRW
Vinyl chloride	ug/l	0.38 U	EPA 8260	0.38	04/02/08 15:23		JRW
Xylenes, Total	ug/l	0.12 U	EPA 8260	0.12	04/02/08 15:23		JRW

Pesticide Analyses

Dibromochloropropane	ug/L	0.005 U	EPA 8011	0.005	04/01/08 12:19	03/31/08 15:45	BTJ
Ethylene Dibromide	ug/L	0.005 U	EPA 8011	0.005	04/01/08 12:19	03/31/08 15:45	BTJ

Metals

Silver	mg/l	0.0002 U	EPA 272.2	0.0002	04/03/08 08:30		SMW
Arsenic	mg/l	0.001 U	EPA 206.2	0.001	04/03/08 11:59		SMW
Barium	mg/l	0.01 U	EPA 200.7	0.01	04/01/08 19:06	03/29/08 09:35	HWS
Beryllium	mg/l	0.0001 U	EPA 200.7	0.0001	04/01/08 19:06	03/29/08 09:35	HWS
Cadmium	mg/l	0.001 U	EPA 200.7	0.001	04/01/08 19:06	03/29/08 09:35	HWS
Cobalt	mg/l	0.01 U	EPA 200.7	0.01	04/01/08 19:06	03/29/08 09:35	HWS
Chromium	mg/l	0.01 U	EPA 200.7	0.01	04/01/08 19:06	03/29/08 09:35	HWS
Copper	mg/l	0.005 U	EPA 200.7	0.005	04/01/08 19:06	03/29/08 09:35	HWS
Nickel	mg/l	0.001 U	EPA 200.7	0.001	04/01/08 19:06	03/29/08 09:35	HWS
Lead	mg/l	0.001 U	EPA 239.2	0.001	03/31/08 09:11		MKB
Antimony	mg/l	0.001 U	EPA 204.2	0.001	04/01/08 13:15		SMW
Selenium	mg/l	0.001 U	EPA 270.2	0.001	04/01/08 11:33		SMW
Thallium	mg/l	0.001 U	EPA 279.2	0.001	04/01/08 10:53		SMW
Vanadium	mg/l	0.01 U	EPA 200.7	0.01	04/01/08 19:06	03/29/08 09:35	HWS
Zinc	mg/l	0.003 U	EPA 200.7	0.003	04/01/08 19:06	03/29/08 09:35	HWS



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

Resource Recovery
Class I Landfill
Hays Road
Shady Hills, Fl
John Power

Date: 4/11/2008

SAMPLE NUMBER AA99888 SAMPLE ID 4MW12D @ RESREC
DATE SAMPLED 3/26/2008
DATE RECEIVED 3/26/2008 SAMPLER WMM
TIME RECEIVED 16:00 DELIVERED BY WMM

SAMPLE MATRIX GW
TIME SAMPLED 9:46
RECEIVED BY CF
SAMPLE TYPE
Pumped

ANALYSIS		ANALYSIS					DET. LIMIT	
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL. UNIT	LIMIT	
Color by Observation	Observation	3/26/2008	9:46	WM	CLEAR			
Conductivity Field	SM2510B	3/26/2008	9:46	WM	482	umhos/cm		
Dissolved Oxygen Field	SM4500OG	3/26/2008	9:46	WM	1.42	mg/L	0.00	
pH Field	SM4500HB	3/26/2008	9:46	WM	7.03	std units		
Temperature Field	SM2550B	3/26/2008	9:46	WM	24.68	deg C		
Water Level		3/26/2008	9:46	WM	24.50	Feet N.G.V		
Iron, Total, Flame	SM3111B	4/1/2008	15:10	TER	0.02	mg/L	0.01	
Mercury, Total, CVAA	SM3112B	4/2/2008	9:10	TER	<0.0005	mg/L	0.0005	
Sodium, Total, Flame	SM3111B	4/1/2008	15:30	TER	8.24	mg/L	0.20	
Ammonia	SM4500NH3	4/9/2008	8:00	IF	<0.04	mg/L	0.04	
Nitrate	SM4500NO3	3/28/2008	9:00	IF	0.08	mg/L	0.02	

ANALYSIS COMMENTS:

All calculations are on wet weight basis

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

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CONTACTS:
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BILL WARGO

REPORT OF ANALYSES

Resource Recovery
Class I Landfill
Hays Road
Shady Hills, Fl
John Power

Date: 4/11/2008

SAMPLE NUMBER AA99888 SAMPLE ID 4MW12D @ RESREC
DATE SAMPLED 3/26/2008
DATE RECEIVED 3/26/2008 SAMPLER WMM
TIME RECEIVED 16:00 DELIVERED BY WMM

SAMPLE MATRIX GW
TIME SAMPLED 9:46
RECEIVED BY CF
SAMPLE TYPE
Pumped

ANALYSIS	ANALYSIS						DET. LIMIT
	METHOD	DATE	TIME	BY	RESULT	QUAL. UNIT	
Total Dissolved Solids	SM2540C	4/1/2008	16:30	AS	364	mg/L	18.4
Chloride	SM4500CLE	3/31/2008	12:00	CEM	45.9	mg/L	0.33
Turbidity	SM2130B	3/27/2008	7:30	WM	0.061	NTU's	

ANALYSIS COMMENTS:

All calulations are on wet weight basis

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123

PART-III ANALYTICAL RESULTS

Facility GMS #: 4051C00030

Sampling Date/Time: 03/26/08, 10:15

Test Site ID #: _____

Report Period: 2008 / Semester I
(year/quarter)

Well Name: 2MW-13D

Well Purged (Y/N): YES

Classification of Groundwater: Surficial

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

Groundwater Elevation (NGVD): Dry

or (MSL): _____

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000929	Sodium	Well Wiz. Ded. Mon. System	No	SM 3111B	_____	Dry mg/L	0.10 mg/L
001045	Iron	"	"	SM 3111B	_____	Dry mg/L	0.02 mg/L
071900	Mercury	"	"	SM 3112B	_____	Dry mg/L	0.0005 mg/L
000400	pH-Field	"	"	SM 4500H+B	_____	Dry Std. Units	0.01 Std. Units
000010	Temperature (Field)	"	"	SM 2550B	_____	Dry °C	0 °C
000095	Specific Cond. (Field)	"	"	SM 2510B	_____	Dry µmhos/cm	0.0 µmhos/cm
000344	D.O. (Field)	"	"	SM 4500G	_____	Dry mg/L	0.0 mg/L
082079	Turbidity	"	"	SM 2130B	_____	Dry NTU	0.01 NTU
000940	Chloride	"	"	SM 4500Cl-B	_____	Dry mg/L	0.47 mg/L
070300	Total Dis. Solids	"	"	SM 2540C	_____	Dry mg/L	17.3 mg/L
000610	Ammonia	"	"	SM 4500NH ₃ H	_____	Dry mg/L	0.08 mg/L
000620	Nitrate	"	"	SM 4500NO ₃ F	_____	Dry mg/L	0.03 mg/L
072020	Water Level (MSL)	"	"		_____	Dry Feet	Feet
900216	Color	"	"	SM 2120B	_____	Dry PCU	0.0 PCU

*Attach Laboratory Reports

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030

Sampling Date/Time: 03/26/08, 10:37

Test Site ID #:

Report Period: 2008 / Semester I

(year/quarter)

Well Name: 4MW-13D

Well Purged (Y/N): YES

Classification of Groundwater: Floridan

Well Type: () Background

() Intermediate

() Compliance

() Other

Groundwater Elevation (NGVD): 24.09

or (MSL):

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000929	Sodium	Well Wiz. Ded. Mon. System	No	SM 3111B	04/01/08 15:30	11.4 mg/L	0.10 mg/L
001045	Iron	"	"	SM 3111B	04/01/08 15:10	0.07 mg/L	0.02 mg/L
071900	Mercury	"	"	SM 3112B	04/02/08 9:10	<0.0005 mg/L	0.0005 mg/L
000400	pH-Field	"	"	SM 4500H+B	03/26/08 10:37	7.09 Std. Units	0.01 Std. Units
000010	Temperature (Field)	"	"	SM 2550B	03/26/08 10:37	25.21 °C	0 °C
000095	Specific Cond. (Field)	"	"	SM 2510B	03/26/08 10:37	454 µmhos/cm	0.0 µmhos/cm
000344	D.O. (Field)	"	"	SM 45000G	03/26/08 10:37	1.63 mg/L	0.0 mg/L
082079	Turbidity	"	"	SM 2130B	03/27/08 7:30	3.06 NTU	0.01 NTU
000940	Chloride	"	"	SM 4500Cl-B	03/31/08 12:00	43.6 mg/L	0.47 mg/L
070300	Total Dis. Solids	"	"	SM 2540C	04/01/08 16:30	338 mg/L	17.3 mg/L
000610	Ammonia	"	"	SM 4500NH ₃ H	04/09/08 8:00	<0.04 mg/L	0.08 mg/L
000620	Nitrate	"	"	SM 4500NO ₃ F	03/28/08 9:00	0.27 mg/L	0.03 mg/L
072020	Water Level (MSL)	"	"		03/26/08 10:37	24.09 Feet	Feet
900216	Color	"	"	SM 2120B	03/26/08 10:37	Clear PCU	0.0 PCU

*Attach Laboratory Reports

SOUTHERN ANALYTICAL LABORATORIES, INC.

110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677 813-855-1844 fax 813-855-2218



Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654-

April 7, 2008
Project No: 81018

Laboratory Report

Project Name	Resource Recovery
Sample Description	4 MW 13D
Matrix	Groundwater
SAL Sample Number	81018.03
Date/Time Collected	03/26/08 10:37
Date/Time Received	03/28/08 09:55

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
Volatile Organic Compounds - Appendix I							
1,1,1,2-Tetrachloroethane	ug/l	0.12 U	EPA 8260	0.12	04/02/08 15:54		JRW
1,1,1-Trichloroethane	ug/l	0.09 U	EPA 8260	0.09	04/02/08 15:54		JRW
1,1,2,2-Tetrachloroethane	ug/l	0.12 U	EPA 8260	0.12	04/02/08 15:54		JRW
1,1,2-Trichloroethane	ug/l	0.23 U	EPA 8260	0.23	04/02/08 15:54		JRW
1,1-Dichloroethane	ug/l	0.12 U	EPA 8260	0.12	04/02/08 15:54		JRW
1,1-Dichloroethene	ug/l	0.14 U	EPA 8260	0.14	04/02/08 15:54		JRW
1,2,3-Trichloropropane	ug/l	0.18 U	EPA 8260	0.18	04/02/08 15:54		JRW
1,2-Dibromo-3-chloropropane	ug/l	0.24 U	EPA 8260	0.24	04/02/08 15:54		JRW
1,2-Dibromoethane	ug/l	0.13 U	EPA 8260	0.13	04/02/08 15:54		JRW
1,2-Dichlorobenzene	ug/l	0.13 U	EPA 8260	0.13	04/02/08 15:54		JRW
1,2-Dichloroethane	ug/l	0.12 U	EPA 8260	0.12	04/02/08 15:54		JRW
1,2-Dichloropropane	ug/l	0.06 U	EPA 8260	0.06	04/02/08 15:54		JRW
1,4-Dichlorobenzene	ug/l	0.13 U	EPA 8260	0.13	04/02/08 15:54		JRW
2-Hexanone	ug/l	0.33 U	EPA 8260	0.33	04/02/08 15:54		JRW
Acetone	ug/l	1.9 U	EPA 8260	1.9	04/02/08 15:54		JRW
Acrylonitrile	ug/l	1.6 U	EPA 8260	1.6	04/02/08 15:54		JRW
Benzene	ug/l	0.10 U	EPA 8260	0.10	04/02/08 15:54		JRW
Bromochloromethane	ug/l	0.22 U	EPA 8260	0.22	04/02/08 15:54		JRW
Bromodichloromethane	ug/l	0.13 U	EPA 8260	0.13	04/02/08 15:54		JRW
Bromoform	ug/l	0.10 U	EPA 8260	0.10	04/02/08 15:54		JRW
Bromomethane	ug/l	0.58 U	EPA 8260	0.58	04/02/08 15:54		JRW
Carbon disulfide	ug/l	0.14 U	EPA 8260	0.14	04/02/08 15:54		JRW
Carbon tetrachloride	ug/l	0.22 U	EPA 8260	0.22	04/02/08 15:54		JRW
Chlorobenzene	ug/l	0.04 U	EPA 8260	0.04	04/02/08 15:54		JRW
Chloroethane	ug/l	0.39 U	EPA 8260	0.39	04/02/08 15:54		JRW
Chloroform	ug/l	0.14 U	EPA 8260	0.14	04/02/08 15:54		JRW
Chloromethane	ug/l	0.47 U	EPA 8260	0.47	04/02/08 15:54		JRW
cis-1,2-Dichloroethene	ug/l	0.08 U	EPA 8260	0.08	04/02/08 15:54		JRW
cis-1,3-Dichloropropene	ug/l	0.14 U	EPA 8260	0.14	04/02/08 15:54		JRW
Dibromochloromethane	ug/l	0.15 U	EPA 8260	0.15	04/02/08 15:54		JRW
Dibromomethane	ug/l	0.24 U	EPA 8260	0.24	04/02/08 15:54		JRW
Ethylbenzene	ug/l	0.13 U	EPA 8260	0.13	04/02/08 15:54		JRW
Iodomethane	ug/l	0.16 U	EPA 8260	0.16	04/02/08 15:54		JRW
m,p-Xylenes	ug/l	0.19 U	EPA 8260	0.19	04/02/08 15:54		JRW
MEK (2-Butanone)	ug/l	0.55 U	EPA 8260	0.55	04/02/08 15:54		JRW
Methylene chloride	ug/l	0.13 U	EPA 8260	0.13	04/02/08 15:54		JRW
MIBK (4-Methyl-2-pentanone)	ug/l	0.41 U	EPA 8260	0.41	04/02/08 15:54		JRW
o-Xylene	ug/l	0.12 U	EPA 8260	0.12	04/02/08 15:54		JRW
Styrene	ug/l	0.10 U	EPA 8260	0.10	04/02/08 15:54		JRW
Tetrachloroethene	ug/l	0.16 U	EPA 8260	0.16	04/02/08 15:54		JRW

SOUTHERN ANALYTICAL LABORATORIES, INC.

110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677 813-855-1844 fax 813-855-2218



Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654-

April 7, 2008
Project No: 81018

Laboratory Report

Project Name	Resource Recovery
Sample Description	4 MW 13D
Matrix	Groundwater
SAL Sample Number	81018.03
Date/Time Collected	03/26/08 10:37
Date/Time Received	03/28/08 09:55

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
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Volatile Organic Compounds - Appendix I

Toluene	ug/l	0.10 U	EPA 8260	0.10	04/02/08 15:54		JRW
trans-1,2-Dichloroethene	ug/l	0.30 U	EPA 8260	0.30	04/02/08 15:54		JRW
trans-1,3-Dichloropropene	ug/l	0.06 U	EPA 8260	0.06	04/02/08 15:54		JRW
trans-1,4-Dichloro-2-butene	ug/l	0.28 U	EPA 8260	0.28	04/02/08 15:54		JRW
Trichloroethene	ug/l	0.12 U	EPA 8260	0.12	04/02/08 15:54		JRW
Trichlorofluoromethane	ug/l	0.21 U	EPA 8260	0.21	04/02/08 15:54		JRW
Vinyl acetate	ug/l	0.53 U	EPA 8260	0.53	04/02/08 15:54		JRW
Vinyl chloride	ug/l	0.38 U	EPA 8260	0.38	04/02/08 15:54		JRW
Xylenes, Total	ug/l	0.12 U	EPA 8260	0.12	04/02/08 15:54		JRW

Pesticide Analyses

Dibromochloropropane	ug/L	0.005 U	EPA 8011	0.005	04/01/08 12:41	03/31/08 15:45	BTJ
Ethylene Dibromide	ug/L	0.005 U	EPA 8011	0.005	04/01/08 12:41	03/31/08 15:45	BTJ

Metals

Silver	mg/l	0.0002 U	EPA 272.2	0.0002	04/03/08 08:30		SMW
Arsenic	mg/l	0.001 U	EPA 206.2	0.001	04/03/08 11:59		SMW
Barium	mg/l	0.01 U	EPA 200.7	0.01	04/01/08 19:06	03/29/08 09:35	HWS
Beryllium	mg/l	0.0001 U	EPA 200.7	0.0001	04/01/08 19:06	03/29/08 09:35	HWS
Cadmium	mg/l	0.001 U	EPA 200.7	0.001	04/01/08 19:06	03/29/08 09:35	HWS
Cobalt	mg/l	0.01 U	EPA 200.7	0.01	04/01/08 19:06	03/29/08 09:35	HWS
Chromium	mg/l	0.01 U	EPA 200.7	0.01	04/01/08 19:06	03/29/08 09:35	HWS
Copper	mg/l	0.005 U	EPA 200.7	0.005	04/01/08 19:06	03/29/08 09:35	HWS
Nickel	mg/l	0.001 U	EPA 200.7	0.001	04/01/08 19:06	03/29/08 09:35	HWS
Lead	mg/l	0.001 U	EPA 239.2	0.001	03/31/08 09:11		MKB
Antimony	mg/l	0.001 U	EPA 204.2	0.001	04/01/08 13:15		SMW
Selenium	mg/l	0.001 U	EPA 270.2	0.001	04/01/08 11:33		SMW
Thallium	mg/l	0.001 U	EPA 279.2	0.001	04/01/08 10:53		SMW
Vanadium	mg/l	0.01 U	EPA 200.7	0.01	04/01/08 19:06	03/29/08 09:35	HWS
Zinc	mg/l	0.003 U	EPA 200.7	0.003	04/01/08 19:06	03/29/08 09:35	HWS



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

Resource Recovery
Class I Landfill
Hays Road
Shady Hills, Fl
John Power

Date: 4/11/2008

SAMPLE NUMBER AA99890 SAMPLE ID 4MW13D @ RESREC
DATE SAMPLED 3/26/2008
DATE RECEIVED 3/26/2008 SAMPLER WMM
TIME RECEIVED 16:00 DELIVERED BY WMM

SAMPLE MATRIX GW
TIME SAMPLED 10:37
RECEIVED BY CF
SAMPLE TYPE
Pumped

ANALYSIS	ANALYSIS						DET. LIMIT
	METHOD	DATE	TIME	BY	RESULT	QUAL. UNIT	
Color by Observation	Observation	3/26/2008	10:37	WM	CLEAR		
Conductivity Field	SM2510B	3/26/2008	10:37	WM	454	umhos/cm	
Dissolved Oxygen Field	SM4500OG	3/26/2008	10:37	WM	1.63	mg/L	0.00
pH Field	SM4500HB	3/26/2008	10:37	WM	7.09	std units	
Temperature Field	SM2550B	3/26/2008	10:37	WM	25.21	deg C	
Water Level		3/26/2008	10:37	WM	24.09	Feet N.G.V	
Iron, Total, Flame	SM3111B	4/1/2008	15:10	TER	0.07	mg/L	0.01
Mercury, Total, CVAA	SM3112B	4/2/2008	9:10	TER	<0.0005	mg/L	0.0005
Sodium, Total, Flame	SM3111B	4/1/2008	15:30	TER	11.4	mg/L	0.20
Ammonia	SM4500NH3	4/9/2008	8:00	IF	<0.04	mg/L	0.04
Nitrate	SM4500NO3	3/28/2008	9:00	IF	0.27	mg/L	0.02

ANALYSIS COMMENTS:

All calculations are on wet weight basis

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123



PASCO COUNTY, FLORIDA

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REPORT OF ANALYSES

Resource Recovery
Class I Landfill
Hays Road
Shady Hills, Fl
John Power

Date: 4/11/2008

SAMPLE NUMBER AA99890 SAMPLE ID 4MW13D @ RESREC
DATE SAMPLED 3/26/2008
DATE RECEIVED 3/26/2008 SAMPLER WMM
TIME RECEIVED 16:00 DELIVERED BY WMM

SAMPLE MATRIX GW
TIME SAMPLED 10:37
RECEIVED BY CF
SAMPLE TYPE
Pumped

ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	DET. LIMIT
Total Dissolved Solids	SM2540C	4/1/2008	16:30	AS	338		mg/L	18.4
Chloride	SM4500CLE	3/31/2008	12:00	CEM	43.6		mg/L	0.33
Turbidity	SM2130B	3/27/2008	7:30	WM	3.06		NTU's	

ANALYSIS COMMENTS:

All calulations are on wet weight basis

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030

Sampling Date/Time: 04/01/08, 10:21

Test Site ID #:

Report Period: 2008 / Semester I

Well Name: 4MW-14D

(year/quarter)

Well Purged (Y/N): YES

Classification of Groundwater: Floridan

Well Type: () Background

Groundwater Elevation (NGVD): 24.82

() Intermediate

() 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
000929	Sodium	Well Wiz. Ded. Mon. System	No	SM 3111B	04/04/08 10:15	14.4 mg/L	0.10 mg/L
001045	Iron	"	"	SM 3111B	04/04/08 10:40	0.09 mg/L	0.02 mg/L
071900	Mercury	"	"	SM 3112B	04/18/08 10:00	<0.0005 mg/L	0.0005 mg/L
000400	pH-Field	"	"	SM 4500H+B	04/01/08 10:21	7.08 Std. Units	0.01 Std. Units
000010	Temperature (Field)	"	"	SM 2550B	04/01/08 10:21	25.39 °C	0 °C
000095	Specific Cond. (Field)	"	"	SM 2510B	04/01/08 10:21	433 µmhos/cm	0.0 µmhos/cm
000344	D.O. (Field)	"	"	SM 4500G	04/01/08 10:21	2.72 mg/L	0.0 mg/L
082079	Turbidity	"	"	SM 2130B	04/01/08 17:00	14.98 NTU	0.01 NTU
000940	Chloride	"	"	SM 4500Cl-B	04/22/08 14:00	52.7 mg/L	0.47 mg/L
070300	Total Dis. Solids	"	"	SM 2540C	04/02/08 16:30	348 mg/L	17.3 mg/L
000610	Ammonia	"	"	SM 4500NH ₃ H	04/09/08 8:00	<0.04 mg/L	0.08 mg/L
000620	Nitrate	"	"	SM 4500NO ₃ F	04/11/08 9:00	0.56 mg/L	0.03 mg/L
072020	Water Level (MSL)	"	"		04/01/08 10:21	24.82 Feet	Feet
900216	Color	"	"	SM 2120B	04/01/08 10:21	Cloudy PCU	0.0 PCU

*Attach Laboratory Reports

SOUTHERN ANALYTICAL LABORATORIES, INC.

110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677 813-855-1844 fax 813-855-2218



Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654-

April 14, 2008
Project No: 81201

Laboratory Report

Project Name	Resource Recovery
Sample Description	4MW-14D
Matrix	Groundwater
SAL Sample Number	81201.02
Date/Time Collected	04/01/08 10:21
Date/Time Received	04/02/08 14:52

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
Volatile Organic Compounds - Appendix I							
1,1,1,2-Tetrachloroethane	ug/l	0.12 U	EPA 8260	0.12	04/02/08 18:58		JRW
1,1,1-Trichloroethane	ug/l	0.09 U	EPA 8260	0.09	04/02/08 18:58		JRW
1,1,2,2-Tetrachloroethane	ug/l	0.12 U	EPA 8260	0.12	04/02/08 18:58		JRW
1,1,2-Trichloroethane	ug/l	0.23 U	EPA 8260	0.23	04/02/08 18:58		JRW
1,1-Dichloroethane	ug/l	0.12 U	EPA 8260	0.12	04/02/08 18:58		JRW
1,1-Dichloroethene	ug/l	0.14 U	EPA 8260	0.14	04/02/08 18:58		JRW
1,2,3-Trichloropropane	ug/l	0.18 U	EPA 8260	0.18	04/02/08 18:58		JRW
1,2-Dibromo-3-chloropropane	ug/l	0.24 U	EPA 8260	0.24	04/02/08 18:58		JRW
1,2-Dibromoethane	ug/l	0.13 U	EPA 8260	0.13	04/02/08 18:58		JRW
1,2-Dichlorobenzene	ug/l	0.13 U	EPA 8260	0.13	04/02/08 18:58		JRW
1,2-Dichloroethane	ug/l	0.12 U	EPA 8260	0.12	04/02/08 18:58		JRW
1,2-Dichloropropane	ug/l	0.06 U	EPA 8260	0.06	04/02/08 18:58		JRW
1,4-Dichlorobenzene	ug/l	0.13 U	EPA 8260	0.13	04/02/08 18:58		JRW
2-Hexanone	ug/l	0.33 U	EPA 8260	0.33	04/02/08 18:58		JRW
Acetone	ug/l	1.9 U	EPA 8260	1.9	04/02/08 18:58		JRW
Acrylonitrile	ug/l	1.6 U	EPA 8260	1.6	04/02/08 18:58		JRW
Benzene	ug/l	0.10 U	EPA 8260	0.10	04/02/08 18:58		JRW
Bromochloromethane	ug/l	0.22 U	EPA 8260	0.22	04/02/08 18:58		JRW
Bromodichloromethane	ug/l	0.13 U	EPA 8260	0.13	04/02/08 18:58		JRW
Bromoform	ug/l	0.10 U	EPA 8260	0.10	04/02/08 18:58		JRW
Bromomethane	ug/l	0.58 U	EPA 8260	0.58	04/02/08 18:58		JRW
Carbon disulfide	ug/l	0.14 U	EPA 8260	0.14	04/02/08 18:58		JRW
Carbon tetrachloride	ug/l	0.22 U	EPA 8260	0.22	04/02/08 18:58		JRW
Chlorobenzene	ug/l	0.04 U	EPA 8260	0.04	04/02/08 18:58		JRW
Chloroethane	ug/l	0.39 U	EPA 8260	0.39	04/02/08 18:58		JRW
Chloroform	ug/l	0.22 U	EPA 8260	0.14	04/02/08 18:58		JRW
Chloromethane	ug/l	0.47 U	EPA 8260	0.47	04/02/08 18:58		JRW
cis-1,2-Dichloroethene	ug/l	0.08 U	EPA 8260	0.08	04/02/08 18:58		JRW
cis-1,3-Dichloropropene	ug/l	0.14 U	EPA 8260	0.14	04/02/08 18:58		JRW
Dibromochloromethane	ug/l	0.15 U	EPA 8260	0.15	04/02/08 18:58		JRW
Dibromomethane	ug/l	0.24 U	EPA 8260	0.24	04/02/08 18:58		JRW
Ethylbenzene	ug/l	0.13 U	EPA 8260	0.13	04/02/08 18:58		JRW
Iodomethane	ug/l	0.16 U	EPA 8260	0.16	04/02/08 18:58		JRW
m,p-Xylenes	ug/l	0.19 U	EPA 8260	0.19	04/02/08 18:58		JRW
MEK (2-Butanone)	ug/l	0.55 U	EPA 8260	0.55	04/02/08 18:58		JRW
Methylene chloride	ug/l	0.13 U	EPA 8260	0.13	04/02/08 18:58		JRW
MIBK (4-Methyl-2-pentanone)	ug/l	0.41 U	EPA 8260	0.41	04/02/08 18:58		JRW
o-Xylene	ug/l	0.12 U	EPA 8260	0.12	04/02/08 18:58		JRW
Styrene	ug/l	0.10 U	EPA 8260	0.10	04/02/08 18:58		JRW
Tetrachloroethene	ug/l	0.16 U	EPA 8260	0.16	04/02/08 18:58		JRW

SOUTHERN ANALYTICAL LABORATORIES, INC.

110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677

813-855-1844 fax 813-855-2218



Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654-

April 14, 2008
Project No: 81201

Laboratory Report

Project Name	Resource Recovery
Sample Description	4MW-14D
Matrix	Groundwater
SAL Sample Number	81201.02
Date/Time Collected	04/01/08 10:21
Date/Time Received	04/02/08 14:52

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
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Volatile Organic Compounds - Appendix I

Toluene	ug/l	0.10 U	EPA 8260	0.10	04/02/08 18:58		JRW
trans-1,2-Dichloroethene	ug/l	0.30 U	EPA 8260	0.30	04/02/08 18:58		JRW
trans-1,3-Dichloropropene	ug/l	0.06 U	EPA 8260	0.06	04/02/08 18:58		JRW
trans-1,4-Dichloro-2-butene	ug/l	0.28 U	EPA 8260	0.28	04/02/08 18:58		JRW
Trichloroethene	ug/l	0.12 U	EPA 8260	0.12	04/02/08 18:58		JRW
Trichlorofluoromethane	ug/l	0.21 U	EPA 8260	0.21	04/02/08 18:58		JRW
Vinyl acetate	ug/l	0.53 U	EPA 8260	0.53	04/02/08 18:58		JRW
Vinyl chloride	ug/l	0.38 U	EPA 8260	0.38	04/02/08 18:58		JRW
Xylenes, Total	ug/l	0.12 U	EPA 8260	0.12	04/02/08 18:58		JRW

Pesticide Analyses

Dibromochloropropane	ug/L	0.005 U	EPA 8011	0.005	04/08/08 00:11	04/07/08 13:00	BTJ
Ethylene Dibromide	ug/L	0.005 U	EPA 8011	0.005	04/08/08 00:11	04/07/08 13:00	BTJ

Metals

Silver	mg/l	0.0002 U	EPA 272.2	0.0002	04/09/08 09:13		SMW
Arsenic	mg/l	0.001 U	EPA 206.2	0.001	04/08/08 12:32		SMW
Barium	mg/l	0.011 I	EPA 200.7	0.01	04/04/08 16:47	04/03/08 14:14	LCB
Beryllium	mg/l	0.00030 I	EPA 200.7	0.0001	04/04/08 16:47	04/03/08 14:14	LCB
Cadmium	mg/l	0.001 U	EPA 200.7	0.001	04/04/08 16:47	04/03/08 14:14	LCB
Cobalt	mg/l	0.01 U	EPA 200.7	0.01	04/04/08 16:47	04/03/08 14:14	LCB
Chromium	mg/l	0.01 U	EPA 200.7	0.01	04/04/08 16:47	04/03/08 14:14	LCB
Copper	mg/l	0.005 U	EPA 200.7	0.005	04/04/08 16:47	04/03/08 14:14	LCB
Nickel	mg/l	0.001 U	EPA 200.7	0.001	04/04/08 16:47	04/03/08 14:14	LCB
Lead	mg/l	0.001 U	EPA 239.2	0.001	04/08/08 12:32		SMW
Antimony	mg/l	0.001 U	EPA 204.2	0.001	04/04/08 11:03		SMW
Selenium	mg/l	0.001 U	EPA 270.2	0.001	04/08/08 08:32		SMW
Thallium	mg/l	0.001 U	EPA 279.2	0.001	04/04/08 09:36		SMW
Vanadium	mg/l	0.01 U	EPA 200.7	0.01	04/04/08 16:47	04/03/08 14:14	LCB
Zinc	mg/l	0.0081 I	EPA 200.7	0.003	04/04/08 16:47	04/03/08 14:14	LCB



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

Resource Recovery
Class I Landfill
Hays Road
Shady Hills, FL
John Power

Date: 4/23/2008

SAMPLE NUMBER AB00123 SAMPLE ID 4MW14D @ RESREC
DATE SAMPLED 4/1/2008
DATE RECEIVED 4/1/2008 SAMPLER WMM
TIME RECEIVED 15:40 DELIVERED BY WMM

SAMPLE MATRIX GW
TIME SAMPLED 10:21
RECEIVED BY CF
SAMPLE TYPE
Pumped

ANALYSIS	ANALYSIS						UNIT	DET. LIMIT
	METHOD	DATE	TIME	BY	RESULT	QUAL.		
Color by Observation	Observation	4/1/2008	10:21	WM	CLOUDY			
Conductivity Field	SM2510B	4/1/2008	10:21	WM	433		umhos/cm	
Dissolved Oxygen Field	SM4500OG	4/1/2008	10:21	WM	2.72		mg/L	0.00
pH Field	SM4500HB	4/1/2008	10:21	WM	7.08		std units	
Temperature Field	SM2550B	4/1/2008	10:21	WM	25.39		deg C	
Water Level		4/1/2008	10:21	WM	24.82		Feet N.G.V.	
Iron, Total, Flame	SM3111B	4/4/2008	10:40	TER	0.09		mg/L	0.01
Mercury, Total, CVAA	SM3112B	4/18/2008	10:00	TER	<0.0005	U	mg/L	0.0005
Sodium, Total, Flame	SM3111B	4/4/2008	10:15	TER	14.4		mg/L	0.20
Ammonia	SM4500NH3	4/9/2008	8:00	IF	<0.04	U	mg/L	0.04
Nitrate	SM4500NO3	4/11/2008	9:00	IF	0.56		mg/L	0.02

ANALYSIS COMMENTS:

All calculations are on wet weight basis

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

Resource Recovery
Class I Landfill
Hays Road
Shady Hills, Fl
John Power

Date: 4/23/2008

SAMPLE NUMBER AB00123 SAMPLE ID 4MW14D @ RESREC
DATE SAMPLED 4/1/2008
DATE RECEIVED 4/1/2008 SAMPLER WMM
TIME RECEIVED 15:40 DELIVERED BY WMM

SAMPLE MATRIX GW
TIME SAMPLED 10:21
RECEIVED BY CF
SAMPLE TYPE
Pumped

ANALYSIS	ANALYSIS						DET. LIMIT
	METHOD	DATE	TIME	BY	RESULT	QUAL. UNIT	
Total Dissolved Solids	SM2540C	4/2/2008	16:30	AS	348	mg/L	18.4
Chloride	SM4500CLE	4/22/2008	14:00	CEM	52.7	mg/L	0.33
Turbidity	SM2130B	4/1/2008	17:00	WM	14.98	NTU's	

ANALYSIS COMMENTS:

All calulations are on wet weight basis

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123

PART III ANALYTICAL RESULTS

 Facility GMS #: 4051C00030

 Sampling Date/Time: 03/26/08 15:18

Test Site ID #: _____

 Report Period: 2008 / Semester I
 (year/quarter)

 Well Name: 2MW-15D

 Well Purged (Y/N): YES

Classification of Groundwater: _____

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

 Groundwater Elevation (NGVD): 27.52

or (MSL): _____

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000929	Sodium	Well Wiz. Ded. Mon. System	No	SM 3111B	04/01/08 15:30	3.78 mg/L	0.10 mg/L
001045	Iron	"	"	SM 3111B	04/01/08 15:10	0.55 mg/L	0.02 mg/L
071900	Mercury	"	"	SM 3112B	04/02/08 9:10	<0.0005 mg/L	0.0005 mg/L
000400	pH-Field	"	"	SM 4500H+B	03/26/08 15:18	7.53 Std. Units	0.01 Std. Units
000010	Temperature (Field)	"	"	SM 2550B	03/26/08 15:18	24.62 °C	0 °C
000095	Specific Cond. (Field)	"	"	SM 2510B	03/26/08 15:18	216 µmhos/cm	0.0 µmhos/cm
000344	D.O. (Field)	"	"	SM 45000G	03/26/08 15:18	1.33 mg/L	0.0 mg/L
082079	Turbidity	"	"	SM 2130B	03/27/08 7:30	8.55 NTU	0.01 NTU
000940	Chloride	"	"	SM 4500CI-B	03/31/08 12:00	3.05 mg/L	0.47 mg/L
070300	Total Dis. Solids	"	"	SM 2540C	04/01/08 16:30	144 mg/L	17.3 mg/L
000610	Ammonia	"	"	SM 4500NH ₃ H	04/09/08 8:00	<0.04 mg/L	0.08 mg/L
000620	Nitrate	"	"	SM 4500NO ₃ F	03/28/08 9:00	<0.02 mg/L	0.03 mg/L
072020	Water Level (MSL)	"	"		03/26/08 15:18	27.52 Feet	Feet
900216	Color	"	"	SM 2120B	03/26/08 15:18	Cloudy PCU	0.0 PCU

*Attach Laboratory Reports

SOUTHERN ANALYTICAL LABORATORIES, INC.

110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677 813-855-1844 fax 813-855-2218



Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654-

April 7, 2008
Project No: 81018

Laboratory Report

Project Name	Resource Recovery
Sample Description	2 MW 15D
Matrix	Groundwater
SAL Sample Number	81018.04
Date/Time Collected	03/26/08 15:18
Date/Time Received	03/28/08 09:55

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
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Volatile Organic Compounds - Appendix I

1,1,1,2-Tetrachloroethane	ug/l	0.12 U	EPA 8260	0.12	04/02/08 16:25		JRW
1,1,1-Trichloroethane	ug/l	0.09 U	EPA 8260	0.09	04/02/08 16:25		JRW
1,1,2,2-Tetrachloroethane	ug/l	0.12 U	EPA 8260	0.12	04/02/08 16:25		JRW
1,1,2-Trichloroethane	ug/l	0.23 U	EPA 8260	0.23	04/02/08 16:25		JRW
1,1-Dichloroethane	ug/l	0.12 U	EPA 8260	0.12	04/02/08 16:25		JRW
1,1-Dichloroethene	ug/l	0.14 U	EPA 8260	0.14	04/02/08 16:25		JRW
1,2,3-Trichloropropane	ug/l	0.18 U	EPA 8260	0.18	04/02/08 16:25		JRW
1,2-Dibromo-3-chloropropane	ug/l	0.24 U	EPA 8260	0.24	04/02/08 16:25		JRW
1,2-Dibromoethane	ug/l	0.13 U	EPA 8260	0.13	04/02/08 16:25		JRW
1,2-Dichlorobenzene	ug/l	0.13 U	EPA 8260	0.13	04/02/08 16:25		JRW
1,2-Dichloroethane	ug/l	0.12 U	EPA 8260	0.12	04/02/08 16:25		JRW
1,2-Dichloropropane	ug/l	0.06 U	EPA 8260	0.06	04/02/08 16:25		JRW
1,4-Dichlorobenzene	ug/l	0.13 U	EPA 8260	0.13	04/02/08 16:25		JRW
2-Hexanone	ug/l	0.33 U	EPA 8260	0.33	04/02/08 16:25		JRW
Acetone	ug/l	1.9 U	EPA 8260	1.9	04/02/08 16:25		JRW
Acrylonitrile	ug/l	1.6 U	EPA 8260	1.6	04/02/08 16:25		JRW
Benzene	ug/l	0.10 U	EPA 8260	0.10	04/02/08 16:25		JRW
Bromochloromethane	ug/l	0.22 U	EPA 8260	0.22	04/02/08 16:25		JRW
Bromodichloromethane	ug/l	0.13 U	EPA 8260	0.13	04/02/08 16:25		JRW
Bromoform	ug/l	0.10 U	EPA 8260	0.10	04/02/08 16:25		JRW
Bromomethane	ug/l	0.58 U	EPA 8260	0.58	04/02/08 16:25		JRW
Carbon disulfide	ug/l	0.14 U	EPA 8260	0.14	04/02/08 16:25		JRW
Carbon tetrachloride	ug/l	0.22 U	EPA 8260	0.22	04/02/08 16:25		JRW
Chlorobenzene	ug/l	0.04 U	EPA 8260	0.04	04/02/08 16:25		JRW
Chloroethane	ug/l	0.39 U	EPA 8260	0.39	04/02/08 16:25		JRW
Chloroform	ug/l	0.14 U	EPA 8260	0.14	04/02/08 16:25		JRW
Chloromethane	ug/l	0.47 U	EPA 8260	0.47	04/02/08 16:25		JRW
cis-1,2-Dichloroethene	ug/l	0.08 U	EPA 8260	0.08	04/02/08 16:25		JRW
cis-1,3-Dichloropropene	ug/l	0.14 U	EPA 8260	0.14	04/02/08 16:25		JRW
Dibromochloromethane	ug/l	0.15 U	EPA 8260	0.15	04/02/08 16:25		JRW
Dibromomethane	ug/l	0.24 U	EPA 8260	0.24	04/02/08 16:25		JRW
Ethylbenzene	ug/l	0.13 U	EPA 8260	0.13	04/02/08 16:25		JRW
Iodomethane	ug/l	0.16 U	EPA 8260	0.16	04/02/08 16:25		JRW
m,p-Xylenes	ug/l	0.19 U	EPA 8260	0.19	04/02/08 16:25		JRW
MEK (2-Butanone)	ug/l	0.55 U	EPA 8260	0.55	04/02/08 16:25		JRW
Methylene chloride	ug/l	0.13 U	EPA 8260	0.13	04/02/08 16:25		JRW
MIBK (4-Methyl-2-pentanone)	ug/l	0.41 U	EPA 8260	0.41	04/02/08 16:25		JRW
o-Xylene	ug/l	0.12 U	EPA 8260	0.12	04/02/08 16:25		JRW
Styrene	ug/l	0.10 U	EPA 8260	0.10	04/02/08 16:25		JRW
Tetrachloroethene	ug/l	0.16 U	EPA 8260	0.16	04/02/08 16:25		JRW

SOUTHERN ANALYTICAL LABORATORIES, INC.

110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677

813-855-1844 fax 813-855-2218



Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654-

April 7, 2008
Project No: 81018

Laboratory Report

Project Name	Resource Recovery
Sample Description	2 MW 15D
Matrix	Groundwater
SAL Sample Number	81018.04
Date/Time Collected	03/26/08 15:18
Date/Time Received	03/28/08 09:55

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
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Volatile Organic Compounds - Appendix I

Toluene	ug/l	0.10 U	EPA 8260	0.10	04/02/08 16:25		JRW
trans-1,2-Dichloroethene	ug/l	0.30 U	EPA 8260	0.30	04/02/08 16:25		JRW
trans-1,3-Dichloropropene	ug/l	0.06 U	EPA 8260	0.06	04/02/08 16:25		JRW
trans-1,4-Dichloro-2-butene	ug/l	0.28 U	EPA 8260	0.28	04/02/08 16:25		JRW
Trichloroethene	ug/l	0.12 U	EPA 8260	0.12	04/02/08 16:25		JRW
Trichlorofluoromethane	ug/l	0.21 U	EPA 8260	0.21	04/02/08 16:25		JRW
Vinyl acetate	ug/l	0.53 U	EPA 8260	0.53	04/02/08 16:25		JRW
Vinyl chloride	ug/l	0.38 U	EPA 8260	0.38	04/02/08 16:25		JRW
Xylenes, Total	ug/l	0.12 U	EPA 8260	0.12	04/02/08 16:25		JRW

Pesticide Analyses

Dibromochloropropane	ug/L	0.005 U	EPA 8011	0.005	04/01/08 13:03	03/31/08 15:45	BTJ
Ethylene Dibromide	ug/L	0.005 U	EPA 8011	0.005	04/01/08 13:03	03/31/08 15:45	BTJ

Metals

Silver	mg/l	0.0002 U	EPA 272.2	0.0002	04/03/08 08:30		SMW
Arsenic	mg/l	0.001 U	EPA 206.2	0.001	04/03/08 11:59		SMW
Barium	mg/l	0.01 U	EPA 200.7	0.01	04/01/08 19:06	03/29/08 09:35	HWS
Beryllium	mg/l	0.0001 U	EPA 200.7	0.0001	04/01/08 19:06	03/29/08 09:35	HWS
Cadmium	mg/l	0.001 U	EPA 200.7	0.001	04/01/08 19:06	03/29/08 09:35	HWS
Cobalt	mg/l	0.01 U	EPA 200.7	0.01	04/01/08 19:06	03/29/08 09:35	HWS
Chromium	mg/l	0.01 U	EPA 200.7	0.01	04/01/08 19:06	03/29/08 09:35	HWS
Copper	mg/l	0.005 U	EPA 200.7	0.005	04/01/08 19:06	03/29/08 09:35	HWS
Nickel	mg/l	0.001 U	EPA 200.7	0.001	04/01/08 19:06	03/29/08 09:35	HWS
Lead	mg/l	0.001 U	EPA 239.2	0.001	03/31/08 09:11		MKB
Antimony	mg/l	0.001 U	EPA 204.2	0.001	04/01/08 13:15		SMW
Selenium	mg/l	0.001 U	EPA 270.2	0.001	04/01/08 11:33		SMW
Thallium	mg/l	0.001 U	EPA 279.2	0.001	04/01/08 10:53		SMW
Vanadium	mg/l	0.01 U	EPA 200.7	0.01	04/01/08 19:06	03/29/08 09:35	HWS
Zinc	mg/l	0.003 U	EPA 200.7	0.003	04/01/08 19:06	03/29/08 09:35	HWS



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

Resource Recovery
Class I Landfill
Hays Road
Shady Hills, Fl
John Power

Date: 4/11/2008

SAMPLE NUMBER AA99891 SAMPLE ID 2MW15D @ RESREC
DATE SAMPLED 3/26/2008
DATE RECEIVED 3/26/2008 SAMPLER WMM
TIME RECEIVED 16:00 DELIVERED BY WMM

SAMPLE MATRIX GW
TIME SAMPLED 15:18
RECEIVED BY CF
SAMPLE TYPE
Pumped

ANALYSIS							DET. LIMIT
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL. UNIT	DET. LIMIT
Color by Observation	Observation	3/26/2008	15:18	WM	CLOUDY		
Conductivity Field	SM2510B	3/26/2008	15:18	WM	216	umhos/cm	
Dissolved Oxygen Field	SM4500OG	3/26/2008	15:18	WM	1.33	mg/L	0.00
pH Field	SM4500HB	3/26/2008	15:18	WM	7.53	std units	
Temperature Field	SM2550B	3/26/2008	15:18	WM	24.62	deg C	
Water Level		3/26/2008	15:18	WM	27.52	Feet N.G.V	
Iron, Total, Flame	SM3111B	4/1/2008	15:10	TER	0.55	X mg/L	0.01
Mercury, Total, CVAA	SM3112B	4/2/2008	9:10	TER	<0.0005	U mg/L	0.0005
Sodium, Total, Flame	SM3111B	4/1/2008	15:30	TER	3.78	mg/L	0.20
Ammonia	SM4500NH3	4/9/2008	8:00	IF	<0.04	U mg/L	0.04
Nitrate	SM4500NO3	3/28/2008	9:00	IF	<0.02	U mg/L	0.02

ANALYSIS COMMENTS:

All calulations are on wet weight basis

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:
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BILL WARGO**

REPORT OF ANALYSES

Resource Recovery
Class I Landfill
Hays Road
Shady Hills, FL
John Power

Date: 4/11/2008

SAMPLE NUMBER AA99891 SAMPLE ID 2MW15D @ RESREC
DATE SAMPLED 3/26/2008
DATE RECEIVED 3/26/2008 SAMPLER WMM
TIME RECEIVED 16:00 DELIVERED BY WMM

SAMPLE MATRIX GW
TIME SAMPLED 15:18
RECEIVED BY CF
SAMPLE TYPE
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Total Dissolved Solids	SM2540C	4/1/2008	16:30	AS	144			mg/L	18.4
Chloride	SM4500CLE	3/31/2008	12:00	CEM	3.05			mg/L	0.33
Turbidity	SM2130B	3/27/2008	7:30	WM	8.55			NTU's	

ANALYSIS COMMENTS:

All calulations are on wet weight basis

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030

Sampling Date/Time: 03/31/08 15:29

Test Site ID #: _____

Report Period: 2008 / Semester I
(year/quarter)

Well Name: 2MW-17S

Well Purged (Y/N): YES

Classification of Groundwater: _____

Well Type: () Background

() Intermediate

() Compliance

() Other

Groundwater Elevation (NGVD): 21.49

or (MSL): _____

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000929	Sodium	Well Wiz. Ded. Mon. System	No	SM 3111B	04/01/08 15:30	2.94 mg/L	0.10 mg/L
001045	Iron	"	"	SM 3111B	04/01/08 15:10	0.12 mg/L	0.02 mg/L
071900	Mercury	"	"	SM 3112B	04/02/08 9:10	<0.0005 mg/L	0.0005 mg/L
000400	pH-Field	"	"	SM 4500H+B	03/31/08 15:29	5.94 Std. Units	0.01 Std. Units
000010	Temperature (Field)	"	"	SM 2550B	03/31/08 15:29	26.67 °C	0 °C
000095	Specific Cond. (Field)	"	"	SM 2510B	03/31/08 15:29	235 µmhos/cm	0.0 µmhos/cm
000344	D.O. (Field)	"	"	SM 4500G	03/31/08 15:29	3.33 mg/L	0.0 mg/L
082079	Turbidity	"	"	SM 2130B	03/31/08 17:30	9.11 NTU	0.01 NTU
000940	Chloride	"	"	SM 4500Cl-B	04/22/08 14:00	3.74 mg/L	0.47 mg/L
070300	Total Dis. Solids	"	"	SM 2540C	04/01/08 16:30	182 mg/L	17.3 mg/L
000610	Ammonia	"	"	SM 4500NH ₃ H	04/09/08 8:00	<0.04 mg/L	0.08 mg/L
000620	Nitrate	"	"	SM 4500NO ₃ F	04/03/08 8:00	6.06 mg/L	0.03 mg/L
072020	Water Level (MSL)	"	"		03/31/08 15:29	21.49 Feet	Feet
900216	Color	"	"	SM 2120B	03/31/08 15:29	Cloudy PCU	0.0 PCU

*Attach Laboratory Reports

SOUTHERN ANALYTICAL LABORATORIES, INC.

110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677 813-855-1844 fax 813-855-2218



Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654-

April 10, 2008
Project No: 81159

Laboratory Report

Project Name	Resource Recovery
Sample Description	2 MW 17S
Matrix	Groundwater
SAL Sample Number	81159.02
Date/Time Collected	03/31/08 15:29
Date/Time Received	04/02/08 08:30

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
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Volatile Organic Compounds - Appendix I

1,1,1,2-Tetrachloroethane	ug/l	0.12 U	EPA 8260	0.12	04/02/08 20:29		JRW
1,1,1-Trichloroethane	ug/l	0.09 U	EPA 8260	0.09	04/02/08 20:29		JRW
1,1,2,2-Tetrachloroethane	ug/l	0.12 U	EPA 8260	0.12	04/02/08 20:29		JRW
1,1,2-Trichloroethane	ug/l	0.23 U	EPA 8260	0.23	04/02/08 20:29		JRW
1,1-Dichloroethane	ug/l	0.12 U	EPA 8260	0.12	04/02/08 20:29		JRW
1,1-Dichloroethene	ug/l	0.14 U	EPA 8260	0.14	04/02/08 20:29		JRW
1,2,3-Trichloropropane	ug/l	0.18 U	EPA 8260	0.18	04/02/08 20:29		JRW
1,2-Dibromo-3-chloropropane	ug/l	0.24 U	EPA 8260	0.24	04/02/08 20:29		JRW
1,2-Dibromoethane	ug/l	0.13 U	EPA 8260	0.13	04/02/08 20:29		JRW
1,2-Dichlorobenzene	ug/l	0.13 U	EPA 8260	0.13	04/02/08 20:29		JRW
1,2-Dichloroethane	ug/l	0.12 U	EPA 8260	0.12	04/02/08 20:29		JRW
1,2-Dichloropropane	ug/l	0.06 U	EPA 8260	0.06	04/02/08 20:29		JRW
1,4-Dichlorobenzene	ug/l	0.13 U	EPA 8260	0.13	04/02/08 20:29		JRW
2-Hexanone	ug/l	0.33 U	EPA 8260	0.33	04/02/08 20:29		JRW
Acetone	ug/l	1.9 U	EPA 8260	1.9	04/02/08 20:29		JRW
Acrylonitrile	ug/l	1.6 U	EPA 8260	1.6	04/02/08 20:29		JRW
Benzene	ug/l	0.10 U	EPA 8260	0.10	04/02/08 20:29		JRW
Bromochloromethane	ug/l	0.22 U	EPA 8260	0.22	04/02/08 20:29		JRW
Bromodichloromethane	ug/l	0.13 U	EPA 8260	0.13	04/02/08 20:29		JRW
Bromoform	ug/l	0.10 U	EPA 8260	0.10	04/02/08 20:29		JRW
Bromomethane	ug/l	0.58 U	EPA 8260	0.58	04/02/08 20:29		JRW
Carbon disulfide	ug/l	0.14 U	EPA 8260	0.14	04/02/08 20:29		JRW
Carbon tetrachloride	ug/l	0.22 U	EPA 8260	0.22	04/02/08 20:29		JRW
Chlorobenzene	ug/l	0.04 U	EPA 8260	0.04	04/02/08 20:29		JRW
Chloroethane	ug/l	0.39 U	EPA 8260	0.39	04/02/08 20:29		JRW
Chloroform	ug/l	0.14 U	EPA 8260	0.14	04/02/08 20:29		JRW
Chloromethane	ug/l	0.47 U	EPA 8260	0.47	04/02/08 20:29		JRW
cis-1,2-Dichloroethene	ug/l	0.08 U	EPA 8260	0.08	04/02/08 20:29		JRW
cis-1,3-Dichloropropene	ug/l	0.14 U	EPA 8260	0.14	04/02/08 20:29		JRW
Dibromochloromethane	ug/l	0.15 U	EPA 8260	0.15	04/02/08 20:29		JRW
Dibromomethane	ug/l	0.24 U	EPA 8260	0.24	04/02/08 20:29		JRW
Ethylbenzene	ug/l	0.13 U	EPA 8260	0.13	04/02/08 20:29		JRW
Iodomethane	ug/l	0.16 U	EPA 8260	0.16	04/02/08 20:29		JRW
m,p-Xylenes	ug/l	0.19 U	EPA 8260	0.19	04/02/08 20:29		JRW
MEK (2-Butanone)	ug/l	0.55 U	EPA 8260	0.55	04/02/08 20:29		JRW
Methylene chloride	ug/l	0.13 U	EPA 8260	0.13	04/02/08 20:29		JRW
MIBK (4-Methyl-2-pentanone)	ug/l	0.41 U	EPA 8260	0.41	04/02/08 20:29		JRW
o-Xylene	ug/l	0.12 U	EPA 8260	0.12	04/02/08 20:29		JRW
Styrene	ug/l	0.10 U	EPA 8260	0.10	04/02/08 20:29		JRW
Tetrachloroethene	ug/l	0.16 U	EPA 8260	0.16	04/02/08 20:29		JRW

SOUTHERN ANALYTICAL LABORATORIES, INC.

110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677

813-855-1844 fax 813-855-2218



Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654-

April 10, 2008
Project No: 81159

Laboratory Report

Project Name	Resource Recovery
Sample Description	2 MW 17S
Matrix	Groundwater
SAL Sample Number	81159.02
Date/Time Collected	03/31/08 15:29
Date/Time Received	04/02/08 08:30

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
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Volatile Organic Compounds - Appendix I

Toluene	ug/l	0.10 U	EPA 8260	0.10	04/02/08 20:29		JRW
trans-1,2-Dichloroethene	ug/l	0.30 U	EPA 8260	0.30	04/02/08 20:29		JRW
trans-1,3-Dichloropropene	ug/l	0.06 U	EPA 8260	0.06	04/02/08 20:29		JRW
trans-1,4-Dichloro-2-butene	ug/l	0.28 U	EPA 8260	0.28	04/02/08 20:29		JRW
Trichloroethene	ug/l	0.12 U	EPA 8260	0.12	04/02/08 20:29		JRW
Trichlorofluoromethane	ug/l	0.21 U	EPA 8260	0.21	04/02/08 20:29		JRW
Vinyl acetate	ug/l	0.53 U	EPA 8260	0.53	04/02/08 20:29		JRW
Vinyl chloride	ug/l	0.38 U	EPA 8260	0.38	04/02/08 20:29		JRW
Xylenes, Total	ug/l	0.12 U	EPA 8260	0.12	04/02/08 20:29		JRW

Pesticide Analyses

Dibromochloropropane	ug/L	0.005 U	EPA 8011	0.005	04/02/08 22:28	04/02/08 14:45	BTJ
Ethylene Dibromide	ug/L	0.005 U	EPA 8011	0.005	04/02/08 22:28	04/02/08 14:45	BTJ

Metals

Silver	mg/l	0.0002 U	EPA 272.2	0.0002	04/09/08 09:13		SMW
Arsenic	mg/l	0.001 U	EPA 206.2	0.001	04/08/08 12:32		SMW
Barium	mg/l	0.01 U	EPA 200.7	0.01	04/04/08 16:47	04/03/08 14:14	LCB
Beryllium	mg/l	0.0001 U	EPA 200.7	0.0001	04/04/08 16:47	04/03/08 14:14	LCB
Cadmium	mg/l	0.001 U	EPA 200.7	0.001	04/04/08 16:47	04/03/08 14:14	LCB
Cobalt	mg/l	0.01 U	EPA 200.7	0.01	04/04/08 16:47	04/03/08 14:14	LCB
Chromium	mg/l	0.01 U	EPA 200.7	0.01	04/04/08 16:47	04/03/08 14:14	LCB
Copper	mg/l	0.005 U	EPA 200.7	0.005	04/04/08 16:47	04/03/08 14:14	LCB
Nickel	mg/l	0.001 U	EPA 200.7	0.001	04/04/08 16:47	04/03/08 14:14	LCB
Lead	mg/l	0.001 U	EPA 239.2	0.001	04/08/08 12:32		SMW
Antimony	mg/l	0.001 U	EPA 204.2	0.001	04/04/08 11:03		SMW
Selenium	mg/l	0.001 U	EPA 270.2	0.001	04/08/08 08:32		SMW
Thallium	mg/l	0.001 U	EPA 279.2	0.001	04/04/08 09:36		SMW
Vanadium	mg/l	0.01 U	EPA 200.7	0.01	04/04/08 16:47	04/03/08 14:14	LCB
Zinc	mg/l	0.027	EPA 200.7	0.003	04/04/08 16:47	04/03/08 14:14	LCB



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

Resource Recovery
Class I Landfill
Hays Road
Shady Hills, Fl
John Power

Date: 4/23/2008

SAMPLE NUMBER AB00055 SAMPLE ID 2MW17S @ RESREC
DATE SAMPLED 3/31/2008
DATE RECEIVED 3/31/2008 SAMPLER WMM
TIME RECEIVED 16:30 DELIVERED BY WMM

SAMPLE MATRIX GW
TIME SAMPLED 15:29
RECEIVED BY CF
SAMPLE TYPE
Pumped

ANALYSIS	ANALYSIS						UNIT	DET. LIMIT
	METHOD	DATE	TIME	BY	RESULT	QUAL.		
Color by Observation	Observation	3/31/2008	15:29	WM	CLOUDY			
Conductivity Field	SM2510B	3/31/2008	15:29	WM	235		umhos/cm	
Dissolved Oxygen Field	SM4500OG	3/31/2008	15:29	WM	3.33		mg/L	0.00
pH Field	SM4500HB	3/31/2008	15:29	WM	5.94		std units	
Temperature Field	SM2550B	3/31/2008	15:29	WM	26.67		deg C	
Water Level		3/31/2008	15:29	WM	21.49		Feet N.G.V.	
Iron, Total, Flame	SM3111B	4/1/2008	15:10	TER	0.12		mg/L	0.01
Mercury, Total, CVAA	SM3112B	4/2/2008	9:10	TER	<0.0005	U	mg/L	0.0005
Sodium, Total, Flame	SM3111B	4/1/2008	15:30	TER	2.94		mg/L	0.20
Ammonia	SM4500NH3	4/9/2008	8:00	IF	<0.04	U	mg/L	0.04
Nitrate	SM4500NO3	4/3/2008	8:00	IF	6.06		mg/L	0.02

ANALYSIS COMMENTS:

All calculations are on wet weight basis

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654
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REPORT OF ANALYSES

Resource Recovery
Class I Landfill
Hays Road
Shady Hills, Fl
John Power

Date: 4/23/2008

SAMPLE NUMBER AB00055 SAMPLE ID 2MW17S @ RESREC
DATE SAMPLED 3/31/2008
DATE RECEIVED 3/31/2008 SAMPLER WMM
TIME RECEIVED 16:30 DELIVERED BY WMM

SAMPLE MATRIX GW
TIME SAMPLED 15:29
RECEIVED BY CF
SAMPLE TYPE
Pumped

ANALYSIS	ANALYSIS						DET. LIMIT
	METHOD	DATE	TIME	BY	RESULT	QUAL. UNIT	
Total Dissolved Solids	SM2540C	4/1/2008	16:30	AS	182	mg/L	18.4
Chloride	SM4500CLE	4/22/2008	14:00	CEM	3.74	mg/L	0.33
Turbidity	SM2130B	3/31/2008	17:30	WM	9.11	NTU's	

ANALYSIS COMMENTS:

All calulations are on wet weight basis

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030

Sampling Date/Time: 03/31/08 11:12

Test Site ID #:

Report Period: 2008 / Semester I
(year/quarter)

Well Name: 2MW-18D

Well Purged (Y/N): YES

Classification of Groundwater: Surficial

Well Type: () Background

() Intermediate

() Compliance

() Other

Groundwater Elevation (NGVD): 21.46

or (MSL):

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000929	Sodium	Well Wiz. Ded. Mon. System	No	SM 3111B	04/01/08 15:30	10.0 mg/L	0.10 mg/L
001045	Iron	"	"	SM 3111B	04/01/08 15:10	0.10 mg/L	0.02 mg/L
071900	Mercury	"	"	SM 3112B	04/02/08 9:10	<0.0005 mg/L	0.0005 mg/L
000400	pH-Field	"	"	SM 4500H+B	03/31/08 11:12	6.98 Std. Units	0.01 Std. Units
000010	Temperature (Field)	"	"	SM 2550B	03/31/08 11:12	24.37 °C	0 °C
000095	Specific Cond. (Field)	"	"	SM 2510B	03/31/08 11:12	429 µmhos/cm	0.0 µmhos/cm
000344	D.O. (Field)	"	"	SM 4500G	03/31/08 11:12	2.52 mg/L	0.0 mg/L
082079	Turbidity	"	"	SM 2130B	03/31/08 17:30	4.86 NTU	0.01 NTU
000940	Chloride	"	"	SM 4500Cl-B	04/22/08 14:00	39.5 mg/L	0.47 mg/L
070300	Total Dis. Solids	"	"	SM 2540C	04/01/08 16:30	310 mg/L	17.3 mg/L
000610	Ammonia	"	"	SM 4500NH ₃ H	04/09/08 8:00	<0.04 mg/L	0.08 mg/L
000620	Nitrate	"	"	SM 4500NO ₃ F	04/03/08 8:00	1.49 mg/L	0.03 mg/L
072020	Water Level (MSL)	"	"		03/31/08 11:12	21.46 Feet	Feet
900216	Color	"	"	SM 2120B	03/31/08 11:12	Clear PCU	0.0 PCU

*Attach Laboratory Reports

SOUTHERN ANALYTICAL LABORATORIES, INC.

110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677

813-855-1844 fax 813-855-2218



Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654-

April 10, 2008
Project No: 81159

Laboratory Report

Project Name	Resource Recovery
Sample Description	2 MW 18D
Matrix	Groundwater
SAL Sample Number	81159.03
Date/Time Collected	03/31/08 11:12
Date/Time Received	04/02/08 08:30

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
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Volatile Organic Compounds - Appendix I

1,1,1,2-Tetrachloroethane	ug/l	0.12 U	EPA 8260	0.12	04/02/08 20:59		JRW
1,1,1-Trichloroethane	ug/l	0.09 U	EPA 8260	0.09	04/02/08 20:59		JRW
1,1,2,2-Tetrachloroethane	ug/l	0.12 U	EPA 8260	0.12	04/02/08 20:59		JRW
1,1,2-Trichloroethane	ug/l	0.23 U	EPA 8260	0.23	04/02/08 20:59		JRW
1,1-Dichloroethane	ug/l	0.12 U	EPA 8260	0.12	04/02/08 20:59		JRW
1,1-Dichloroethene	ug/l	0.14 U	EPA 8260	0.14	04/02/08 20:59		JRW
1,2,3-Trichloropropane	ug/l	0.18 U	EPA 8260	0.18	04/02/08 20:59		JRW
1,2-Dibromo-3-chloropropane	ug/l	0.24 U	EPA 8260	0.24	04/02/08 20:59		JRW
1,2-Dibromoethane	ug/l	0.13 U	EPA 8260	0.13	04/02/08 20:59		JRW
1,2-Dichlorobenzene	ug/l	0.13 U	EPA 8260	0.13	04/02/08 20:59		JRW
1,2-Dichloroethane	ug/l	0.12 U	EPA 8260	0.12	04/02/08 20:59		JRW
1,2-Dichloropropane	ug/l	0.06 U	EPA 8260	0.06	04/02/08 20:59		JRW
1,4-Dichlorobenzene	ug/l	0.13 U	EPA 8260	0.13	04/02/08 20:59		JRW
2-Hexanone	ug/l	0.33 U	EPA 8260	0.33	04/02/08 20:59		JRW
Acetone	ug/l	1.9 U	EPA 8260	1.9	04/02/08 20:59		JRW
Acrylonitrile	ug/l	1.6 U	EPA 8260	1.6	04/02/08 20:59		JRW
Benzene	ug/l	0.10 U	EPA 8260	0.10	04/02/08 20:59		JRW
Bromochloromethane	ug/l	0.22 U	EPA 8260	0.22	04/02/08 20:59		JRW
Bromodichloromethane	ug/l	0.13 U	EPA 8260	0.13	04/02/08 20:59		JRW
Bromoform	ug/l	0.10 U	EPA 8260	0.10	04/02/08 20:59		JRW
Bromomethane	ug/l	0.58 U	EPA 8260	0.58	04/02/08 20:59		JRW
Carbon disulfide	ug/l	0.14 U	EPA 8260	0.14	04/02/08 20:59		JRW
Carbon tetrachloride	ug/l	0.22 U	EPA 8260	0.22	04/02/08 20:59		JRW
Chlorobenzene	ug/l	0.04 U	EPA 8260	0.04	04/02/08 20:59		JRW
Chloroethane	ug/l	0.39 U	EPA 8260	0.39	04/02/08 20:59		JRW
Chloroform	ug/l	0.14 U	EPA 8260	0.14	04/02/08 20:59		JRW
Chloromethane	ug/l	0.47 U	EPA 8260	0.47	04/02/08 20:59		JRW
cis-1,2-Dichloroethene	ug/l	0.08 U	EPA 8260	0.08	04/02/08 20:59		JRW
cis-1,3-Dichloropropene	ug/l	0.14 U	EPA 8260	0.14	04/02/08 20:59		JRW
Dibromochloromethane	ug/l	0.15 U	EPA 8260	0.15	04/02/08 20:59		JRW
Dibromomethane	ug/l	0.24 U	EPA 8260	0.24	04/02/08 20:59		JRW
Ethylbenzene	ug/l	0.13 U	EPA 8260	0.13	04/02/08 20:59		JRW
Iodomethane	ug/l	0.16 U	EPA 8260	0.16	04/02/08 20:59		JRW
m,p-Xylenes	ug/l	0.19 U	EPA 8260	0.19	04/02/08 20:59		JRW
MEK (2-Butanone)	ug/l	0.55 U	EPA 8260	0.55	04/02/08 20:59		JRW
Methylene chloride	ug/l	0.13 U	EPA 8260	0.13	04/02/08 20:59		JRW
MIBK (4-Methyl-2-pentanone)	ug/l	0.41 U	EPA 8260	0.41	04/02/08 20:59		JRW
o-Xylene	ug/l	0.12 U	EPA 8260	0.12	04/02/08 20:59		JRW
Styrene	ug/l	0.10 U	EPA 8260	0.10	04/02/08 20:59		JRW
Tetrachloroethene	ug/l	0.16 U	EPA 8260	0.16	04/02/08 20:59		JRW

FDOH Laboratory No. E84129
NELAP Accredited

Francis I. Daniels, Laboratory Director
Leslie C. Boardman, Q. A. Manager

SOUTHERN ANALYTICAL LABORATORIES, INC.

110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677 813-855-1844 fax 813-855-2218



Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654-

April 10, 2008
Project No: 81159

Laboratory Report

Project Name	Resource Recovery
Sample Description	2 MW 18D
Matrix	Groundwater
SAL Sample Number	81159.03
Date/Time Collected	03/31/08 11:12
Date/Time Received	04/02/08 08:30

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
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Volatile Organic Compounds - Appendix I

Toluene	ug/l	0.10 U	EPA 8260	0.10	04/02/08 20:59		JRW
trans-1,2-Dichloroethene	ug/l	0.30 U	EPA 8260	0.30	04/02/08 20:59		JRW
trans-1,3-Dichloropropene	ug/l	0.06 U	EPA 8260	0.06	04/02/08 20:59		JRW
trans-1,4-Dichloro-2-butene	ug/l	0.28 U	EPA 8260	0.28	04/02/08 20:59		JRW
Trichloroethene	ug/l	0.12 U	EPA 8260	0.12	04/02/08 20:59		JRW
Trichlorofluoromethane	ug/l	0.21 U	EPA 8260	0.21	04/02/08 20:59		JRW
Vinyl acetate	ug/l	0.53 U	EPA 8260	0.53	04/02/08 20:59		JRW
Vinyl chloride	ug/l	0.38 U	EPA 8260	0.38	04/02/08 20:59		JRW
Xylenes, Total	ug/l	0.12 U	EPA 8260	0.12	04/02/08 20:59		JRW

Pesticide Analyses

Dibromochloropropane	ug/L	0.005 U	EPA 8011	0.005	04/02/08 22:50	04/02/08 14:45	BTJ
Ethylene Dibromide	ug/L	0.005 U	EPA 8011	0.005	04/02/08 22:50	04/02/08 14:45	BTJ

Metals

Silver	mg/l	0.0002 U	EPA 272.2	0.0002	04/09/08 09:13		SMW
Arsenic	mg/l	0.001 U	EPA 206.2	0.001	04/08/08 12:32		SMW
Barium	mg/l	0.01 U	EPA 200.7	0.01	04/04/08 16:47	04/03/08 14:14	LCB
Beryllium	mg/l	0.00010 I	EPA 200.7	0.0001	04/04/08 16:47	04/03/08 14:14	LCB
Cadmium	mg/l	0.001 U	EPA 200.7	0.001	04/04/08 16:47	04/03/08 14:14	LCB
Cobalt	mg/l	0.01 U	EPA 200.7	0.01	04/04/08 16:47	04/03/08 14:14	LCB
Chromium	mg/l	0.01 U	EPA 200.7	0.01	04/04/08 16:47	04/03/08 14:14	LCB
Copper	mg/l	0.005 U	EPA 200.7	0.005	04/04/08 16:47	04/03/08 14:14	LCB
Nickel	mg/l	0.001 U	EPA 200.7	0.001	04/04/08 16:47	04/03/08 14:14	LCB
Lead	mg/l	0.001 U	EPA 239.2	0.001	04/08/08 12:32		SMW
Antimony	mg/l	0.001 U	EPA 204.2	0.001	04/04/08 11:03		SMW
Selenium	mg/l	0.001 U	EPA 270.2	0.001	04/08/08 08:32		SMW
Thallium	mg/l	0.001 U	EPA 279.2	0.001	04/04/08 09:36		SMW
Vanadium	mg/l	0.01 U	EPA 200.7	0.01	04/04/08 16:47	04/03/08 14:14	LCB
Zinc	mg/l	0.0054 I	EPA 200.7	0.003	04/04/08 16:47	04/03/08 14:14	LCB



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

Resource Recovery
Class I Landfill
Hays Road
Shady Hills, Fl
John Power

Date: 4/23/2008

SAMPLE NUMBER AB00056 SAMPLE ID 2MW18D @ RESREC
DATE SAMPLED 3/31/2008
DATE RECEIVED 3/31/2008 SAMPLER WMM
TIME RECEIVED 16:30 DELIVERED BY WMM

SAMPLE MATRIX GW
TIME SAMPLED 11:12
RECEIVED BY CF
SAMPLE TYPE
Pumped

ANALYSIS	ANALYSIS						UNIT	DET. LIMIT
	METHOD	DATE	TIME	BY	RESULT	QUAL.		
Color by Observation	Observation	3/31/2008	11:12	WM	CLEAR			
Conductivity Field	SM2510B	3/31/2008	11:12	WM	429		umhos/cm	
Dissolved Oxygen Field	SM4500OG	3/31/2008	11:12	WM	2.52		mg/L	0.00
pH Field	SM4500HB	3/31/2008	11:12	WM	6.98		std units	
Temperature Field	SM2550B	3/31/2008	11:12	WM	24.37		deg C	
Water Level		3/31/2008	11:12	WM	21.46		Feet N.G.V.	
Iron, Total, Flame	SM3111B	4/1/2008	15:10	TER	0.10		mg/L	0.01
Mercury, Total, CVAA	SM3112B	4/2/2008	9:10	TER	<0.0005	U	mg/L	0.0005
Sodium, Total, Flame	SM3111B	4/1/2008	15:30	TER	10.0		mg/L	0.20
Ammonia	SM4500NH3	4/9/2008	8:00	IF	<0.04	U	mg/L	0.04
Nitrate	SM4500NO3	4/3/2008	8:00	IF	1.49		mg/L	0.02

ANALYSIS COMMENTS:

All calculations are on wet weight basis

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

Resource Recovery
Class I Landfill
Hays Road
Shady Hills, Fl
John Power

Date: 4/23/2008

SAMPLE NUMBER AB00056 SAMPLE ID 2MW18D @ RESREC
DATE SAMPLED 3/31/2008
DATE RECEIVED 3/31/2008 SAMPLER WMM
TIME RECEIVED 16:30 DELIVERED BY WMM

SAMPLE MATRIX GW
TIME SAMPLED 11:12
RECEIVED BY CF
SAMPLE TYPE
Pumped

ANALYSIS	ANALYSIS						DET. LIMIT
	METHOD	DATE	TIME	BY	RESULT	QUAL. UNIT	
Total Dissolved Solids	SM2540C	4/1/2008	16:30	AS	310	mg/L	18.4
Chloride	SM4500CLE	4/22/2008	14:00	CEM	39.5	mg/L	0.33
Turbidity	SM2130B	3/31/2008	17:30	WM	4.86	NTU's	

ANALYSIS COMMENTS:

All calulations are on wet weight basis

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030

Sampling Date/Time: 03/31/08, 10:27

Test Site ID #: _____

Report Period: 2008 / Semester I

(year/quarter)

Well Name: 2MW-19D

Well Purged (Y/N): YES

Classification of Groundwater: Floridan

Well Type: () Background

() Intermediate

() Compliance

() Other

Groundwater Elevation (NGVD): 22.07

or (MSL): _____

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000929	Sodium	Well Wiz. Ded. Mon. System	No	SM 3111B	04/01/08 15:30	7.79 mg/L	0.10 mg/L
001045	Iron	"	"	SM 3111B	04/01/08 15:10	0.03 mg/L	0.02 mg/L
071900	Mercury	"	"	SM 3112B	04/02/08 9:10	<0.0005 mg/L	0.0005 mg/L
000400	pH-Field	"	"	SM 4500H+B	03/31/08 10:27	7.01 Std. Units	0.01 Std. Units
000010	Temperature (Field)	"	"	SM 2550B	03/31/08 10:27	23.97 °C	0 °C
000095	Specific Cond. (Field)	"	"	SM 2510B	03/31/08 10:27	407 µmhos/cm	0.0 µmhos/cm
000344	D.O. (Field)	"	"	SM 4500G	03/31/08 10:27	2.06 mg/L	0.0 mg/L
082079	Turbidity	"	"	SM 2130B	03/31/08 17:30	1.34 NTU	0.01 NTU
000940	Chloride	"	"	SM 4500Cl-B	04/22/08 14:00	32.8 mg/L	0.47 mg/L
070300	Total Dis. Solids	"	"	SM 2540C	04/01/08 16:30	304 mg/L	17.3 mg/L
000610	Ammonia	"	"	SM 4500NH ₃ H	04/09/08 8:00	<0.04 mg/L	0.08 mg/L
000620	Nitrate	"	"	SM 4500NO ₃ F	04/03/08 8:00	0.22 mg/L	0.03 mg/L
072020	Water Level (MSL)	"	"		03/31/08 10:27	22.07 Feet	Feet
900216	Color	"	"	SM 2120B	03/31/08 10:27	Clear PCU	0.0 PCU

*Attach Laboratory Reports

SOUTHERN ANALYTICAL LABORATORIES, INC.

110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677

813-855-1844 fax 813-855-2218



Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654-

April 10, 2008
Project No: 81159

Laboratory Report

Project Name	Resource Recovery
Sample Description	2 MW 19D
Matrix	Groundwater
SAL Sample Number	81159.04
Date/Time Collected	03/31/08 10:27
Date/Time Received	04/02/08 08:30

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
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Volatile Organic Compounds - Appendix I

1,1,1,2-Tetrachloroethane	ug/l	0.12 U	EPA 8260	0.12	04/02/08 21:29		JRW
1,1,1-Trichloroethane	ug/l	0.09 U	EPA 8260	0.09	04/02/08 21:29		JRW
1,1,2,2-Tetrachloroethane	ug/l	0.12 U	EPA 8260	0.12	04/02/08 21:29		JRW
1,1,2-Trichloroethane	ug/l	0.23 U	EPA 8260	0.23	04/02/08 21:29		JRW
1,1-Dichloroethane	ug/l	0.12 U	EPA 8260	0.12	04/02/08 21:29		JRW
1,1-Dichloroethene	ug/l	0.14 U	EPA 8260	0.14	04/02/08 21:29		JRW
1,2,3-Trichloropropane	ug/l	0.18 U	EPA 8260	0.18	04/02/08 21:29		JRW
1,2-Dibromo-3-chloropropane	ug/l	0.24 U	EPA 8260	0.24	04/02/08 21:29		JRW
1,2-Dibromoethane	ug/l	0.13 U	EPA 8260	0.13	04/02/08 21:29		JRW
1,2-Dichlorobenzene	ug/l	0.13 U	EPA 8260	0.13	04/02/08 21:29		JRW
1,2-Dichloroethane	ug/l	0.12 U	EPA 8260	0.12	04/02/08 21:29		JRW
1,2-Dichloropropane	ug/l	0.06 U	EPA 8260	0.06	04/02/08 21:29		JRW
1,4-Dichlorobenzene	ug/l	0.13 U	EPA 8260	0.13	04/02/08 21:29		JRW
2-Hexanone	ug/l	0.33 U	EPA 8260	0.33	04/02/08 21:29		JRW
Acetone	ug/l	1.9 U	EPA 8260	1.9	04/02/08 21:29		JRW
Acrylonitrile	ug/l	1.6 U	EPA 8260	1.6	04/02/08 21:29		JRW
Benzene	ug/l	0.10 U	EPA 8260	0.10	04/02/08 21:29		JRW
Bromochloromethane	ug/l	0.22 U	EPA 8260	0.22	04/02/08 21:29		JRW
Bromodichloromethane	ug/l	0.13 U	EPA 8260	0.13	04/02/08 21:29		JRW
Bromoform	ug/l	0.10 U	EPA 8260	0.10	04/02/08 21:29		JRW
Bromomethane	ug/l	0.58 U	EPA 8260	0.58	04/02/08 21:29		JRW
Carbon disulfide	ug/l	0.14 U	EPA 8260	0.14	04/02/08 21:29		JRW
Carbon tetrachloride	ug/l	0.22 U	EPA 8260	0.22	04/02/08 21:29		JRW
Chlorobenzene	ug/l	0.04 U	EPA 8260	0.04	04/02/08 21:29		JRW
Chloroethane	ug/l	0.39 U	EPA 8260	0.39	04/02/08 21:29		JRW
Chloroform	ug/l	0.14 U	EPA 8260	0.14	04/02/08 21:29		JRW
Chloromethane	ug/l	0.47 U	EPA 8260	0.47	04/02/08 21:29		JRW
cis-1,2-Dichloroethene	ug/l	0.08 U	EPA 8260	0.08	04/02/08 21:29		JRW
cis-1,3-Dichloropropene	ug/l	0.14 U	EPA 8260	0.14	04/02/08 21:29		JRW
Dibromochloromethane	ug/l	0.15 U	EPA 8260	0.15	04/02/08 21:29		JRW
Dibromomethane	ug/l	0.24 U	EPA 8260	0.24	04/02/08 21:29		JRW
Ethylbenzene	ug/l	0.13 U	EPA 8260	0.13	04/02/08 21:29		JRW
Iodomethane	ug/l	0.16 U	EPA 8260	0.16	04/02/08 21:29		JRW
m,p-Xylenes	ug/l	0.19 U	EPA 8260	0.19	04/02/08 21:29		JRW
MEK (2-Butanone)	ug/l	0.55 U	EPA 8260	0.55	04/02/08 21:29		JRW
Methylene chloride	ug/l	0.13 U	EPA 8260	0.13	04/02/08 21:29		JRW
MIBK (4-Methyl-2-pentanone)	ug/l	0.41 U	EPA 8260	0.41	04/02/08 21:29		JRW
o-Xylene	ug/l	0.12 U	EPA 8260	0.12	04/02/08 21:29		JRW
Styrene	ug/l	0.10 U	EPA 8260	0.10	04/02/08 21:29		JRW
Tetrachloroethene	ug/l	0.16 U	EPA 8260	0.16	04/02/08 21:29		JRW

FDOH Laboratory No. E84129
NELAP Accredited

Francis I. Daniels, Laboratory Director
Leslie C. Boardman, Q. A. Manager

SOUTHERN ANALYTICAL LABORATORIES, INC.

110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677

813-855-1844 fax 813-855-2218



Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654-

April 10, 2008
Project No: 81159

Laboratory Report

Project Name	Resource Recovery
Sample Description	2 MW 19D
Matrix	Groundwater
SAL Sample Number	81159.04
Date/Time Collected	03/31/08 10:27
Date/Time Received	04/02/08 08:30

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
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Volatile Organic Compounds - Appendix I

Toluene	ug/l	0.10 U	EPA 8260	0.10	04/02/08 21:29		JRW
trans-1,2-Dichloroethene	ug/l	0.30 U	EPA 8260	0.30	04/02/08 21:29		JRW
trans-1,3-Dichloropropene	ug/l	0.06 U	EPA 8260	0.06	04/02/08 21:29		JRW
trans-1,4-Dichloro-2-butene	ug/l	0.28 U	EPA 8260	0.28	04/02/08 21:29		JRW
Trichloroethene	ug/l	0.12 U	EPA 8260	0.12	04/02/08 21:29		JRW
Trichlorofluoromethane	ug/l	0.21 U	EPA 8260	0.21	04/02/08 21:29		JRW
Vinyl acetate	ug/l	0.53 U	EPA 8260	0.53	04/02/08 21:29		JRW
Vinyl chloride	ug/l	0.38 U	EPA 8260	0.38	04/02/08 21:29		JRW
Xylenes, Total	ug/l	0.12 U	EPA 8260	0.12	04/02/08 21:29		JRW

Pesticide Analyses

Dibromochloropropane	ug/L	0.005 U	EPA 8011	0.005	04/02/08 23:11	04/02/08 14:45	BTJ
Ethylene Dibromide	ug/L	0.005 U	EPA 8011	0.005	04/02/08 23:11	04/02/08 14:45	BTJ

Metals

Silver	mg/l	0.0002 U	EPA 272.2	0.0002	04/09/08 09:13		SMW
Arsenic	mg/l	0.001 U	EPA 206.2	0.001	04/08/08 12:32		SMW
Barium	mg/l	0.01 U	EPA 200.7	0.01	04/04/08 16:47	04/03/08 14:14	LCB
Beryllium	mg/l	0.0001 U	EPA 200.7	0.0001	04/04/08 16:47	04/03/08 14:14	LCB
Cadmium	mg/l	0.001 U	EPA 200.7	0.001	04/04/08 16:47	04/03/08 14:14	LCB
Cobalt	mg/l	0.01 U	EPA 200.7	0.01	04/04/08 16:47	04/03/08 14:14	LCB
Chromium	mg/l	0.01 U	EPA 200.7	0.01	04/04/08 16:47	04/03/08 14:14	LCB
Copper	mg/l	0.005 U	EPA 200.7	0.005	04/04/08 16:47	04/03/08 14:14	LCB
Nickel	mg/l	0.001 U	EPA 200.7	0.001	04/04/08 16:47	04/03/08 14:14	LCB
Lead	mg/l	0.001 U	EPA 239.2	0.001	04/08/08 12:32		SMW
Antimony	mg/l	0.001 U	EPA 204.2	0.001	04/04/08 11:03		SMW
Selenium	mg/l	0.001 U	EPA 270.2	0.001	04/08/08 08:32		SMW
Thallium	mg/l	0.001 U	EPA 279.2	0.001	04/04/08 09:36		SMW
Vanadium	mg/l	0.01 U	EPA 200.7	0.01	04/04/08 16:47	04/03/08 14:14	LCB
Zinc	mg/l	0.031	EPA 200.7	0.003	04/04/08 16:47	04/03/08 14:14	LCB



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

Resource Recovery
Class I Landfill
Hays Road
Shady Hills, Fl
John Power

Date: 4/23/2008

SAMPLE NUMBER AB00057 SAMPLE ID 2MW19D @ RESREC
DATE SAMPLED 3/31/2008
DATE RECEIVED 3/31/2008 SAMPLER WMM
TIME RECEIVED 16:30 DELIVERED BY WMM

SAMPLE MATRIX GW
TIME SAMPLED 10:27
RECEIVED BY CF
SAMPLE TYPE
Pumped

ANALYSIS	ANALYSIS					UNIT	DET. LIMIT
	METHOD	DATE	TIME	BY	RESULT		
Color by Observation	Observation	3/31/2008	10:27	WM	CLEAR		
Conductivity Field	SM2510B	3/31/2008	10:27	WM	407	umhos/cm	
Dissolved Oxygen Field	SM4500OG	3/31/2008	10:27	WM	2.06	mg/L	0.00
pH Field	SM4500HB	3/31/2008	10:27	WM	7.01	std units	
Temperature Field	SM2550B	3/31/2008	10:27	WM	23.97	deg C	
Water Level		3/31/2008	10:27	WM	22.07	Feet N.G.V.	
Iron, Total, Flame	SM3111B	4/1/2008	15:10	TER	0.03	mg/L	0.01
Mercury, Total, CVAA	SM3112B	4/2/2008	9:10	TER	<0.0005	mg/L	0.0005
Sodium, Total, Flame	SM3111B	4/1/2008	15:30	TER	7.79	mg/L	0.20
Ammonia	SM4500NH3	4/9/2008	8:00	IF	<0.04	mg/L	0.04
Nitrate	SM4500NO3	4/3/2008	8:00	IF	0.22	mg/L	0.02

ANALYSIS COMMENTS:

All calculations are on wet weight basis

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654
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BILL WARGO

REPORT OF ANALYSES

Resource Recovery
Class I Landfill
Hays Road
Shady Hills, FL
John Power

Date: 4/23/2008

SAMPLE NUMBER AB00057 SAMPLE ID 2MW19D @ RESREC
DATE SAMPLED 3/31/2008
DATE RECEIVED 3/31/2008 SAMPLER WMM
TIME RECEIVED 16:30 DELIVERED BY WMM

SAMPLE MATRIX GW
TIME SAMPLED 10:27
RECEIVED BY CF
SAMPLE TYPE
Pumped

ANALYSIS	ANALYSIS						DET. LIMIT
	METHOD	DATE	TIME	BY	RESULT	QUAL. UNIT	
Total Dissolved Solids	SM2540C	4/1/2008	16:30	AS	304	mg/L	18.4
Chloride	SM4500CLE	4/22/2008	14:00	CEM	32.8	mg/L	0.33
Turbidity	SM2130B	3/31/2008	17:30	WM	1.34	NTU's	

ANALYSIS COMMENTS:

All calulations are on wet weight basis

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123

PART III ANALYTICAL RESULTS

 Facility GMS #: 4051C00030

 Sampling Date/Time: 04/01/08 13:07

Test Site ID #: _____

 Report Period: 2008 / Semester I
 (year/quarter)

 Well Name: 2MW-20D

 Well Purged (Y/N): YES

Classification of Groundwater: _____

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

 Groundwater Elevation (NGVD): 25.97

or (MSL): _____

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000929	Sodium	Well Wiz. Ded. Mon. System	No	SM 3111B	04/04/08 10:15	18.1 mg/L	0.10 mg/L
001045	Iron	"	"	SM 3111B	04/04/08 10:40	0.03 mg/L	0.02 mg/L
071900	Mercury	"	"	SM 3112B	04/18/08 10:00	<0.0005 mg/L	0.0005 mg/L
000400	pH-Field	"	"	SM 4500H+B	04/01/08 13:07	7.19 Std. Units	0.01 Std. Units
000010	Temperature (Field)	"	"	SM 2550B	04/01/08 13:07	25.40 °C	0 °C
000095	Specific Cond. (Field)	"	"	SM 2510B	04/01/08 13:07	428 µmhos/cm	0.0 µmhos/cm
000344	D.O. (Field)	"	"	SM 45000G	04/01/08 13:07	1.96 mg/L	0.0 mg/L
082079	Turbidity	"	"	SM 2130B	04/01/08 17:00	1.68 NTU	0.01 NTU
000940	Chloride	"	"	SM 4500CI-B	04/22/08 14:00	53.8 mg/L	0.47 mg/L
070300	Total Dis. Solids	"	"	SM 2540C	04/02/08 16:30	312 mg/L	17.3 mg/L
000610	Ammonia	"	"	SM 4500NH ₃ H	04/09/08 8:00	<0.04 mg/L	0.08 mg/L
000620	Nitrate	"	"	SM 4500NO ₃ F	04/11/08 9:00	0.37 mg/L	0.03 mg/L
072020	Water Level (MSL)	"	"		04/01/08 13:07	25.97 Feet	Feet
900216	Color	"	"	SM 2120B	04/01/08 13:07	Clear PCU	0.0 PCU

*Attach Laboratory Reports

SOUTHERN ANALYTICAL LABORATORIES, INC.

110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677 813-855-1844 fax 813-855-2218



Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654-

April 14, 2008
Project No: 81201

Laboratory Report

Project Name	Resource Recovery
Sample Description	2MW-20D
Matrix	Groundwater
SAL Sample Number	81201.03
Date/Time Collected	04/01/08 13:07
Date/Time Received	04/02/08 14:52

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
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Volatile Organic Compounds - Appendix I

1,1,1,2-Tetrachloroethane	ug/l	0.12 U	EPA 8260	0.12	04/02/08 19:28		JRW
1,1,1-Trichloroethane	ug/l	0.09 U	EPA 8260	0.09	04/02/08 19:28		JRW
1,1,2,2-Tetrachloroethane	ug/l	0.12 U	EPA 8260	0.12	04/02/08 19:28		JRW
1,1,2-Trichloroethane	ug/l	0.23 U	EPA 8260	0.23	04/02/08 19:28		JRW
1,1-Dichloroethane	ug/l	0.12 U	EPA 8260	0.12	04/02/08 19:28		JRW
1,1-Dichloroethene	ug/l	0.14 U	EPA 8260	0.14	04/02/08 19:28		JRW
1,2,3-Trichloropropane	ug/l	0.18 U	EPA 8260	0.18	04/02/08 19:28		JRW
1,2-Dibromo-3-chloropropane	ug/l	0.24 U	EPA 8260	0.24	04/02/08 19:28		JRW
1,2-Dibromoethane	ug/l	0.13 U	EPA 8260	0.13	04/02/08 19:28		JRW
1,2-Dichlorobenzene	ug/l	0.13 U	EPA 8260	0.13	04/02/08 19:28		JRW
1,2-Dichloroethane	ug/l	0.12 U	EPA 8260	0.12	04/02/08 19:28		JRW
1,2-Dichloropropane	ug/l	0.06 U	EPA 8260	0.06	04/02/08 19:28		JRW
1,4-Dichlorobenzene	ug/l	0.13 U	EPA 8260	0.13	04/02/08 19:28		JRW
2-Hexanone	ug/l	0.33 U	EPA 8260	0.33	04/02/08 19:28		JRW
Acetone	ug/l	1.9 U	EPA 8260	1.9	04/02/08 19:28		JRW
Acrylonitrile	ug/l	1.6 U	EPA 8260	1.6	04/02/08 19:28		JRW
Benzene	ug/l	0.10 U	EPA 8260	0.10	04/02/08 19:28		JRW
Bromochloromethane	ug/l	0.22 U	EPA 8260	0.22	04/02/08 19:28		JRW
Bromodichloromethane	ug/l	0.13 U	EPA 8260	0.13	04/02/08 19:28		JRW
Bromoform	ug/l	0.10 U	EPA 8260	0.10	04/02/08 19:28		JRW
Bromomethane	ug/l	0.58 U	EPA 8260	0.58	04/02/08 19:28		JRW
Carbon disulfide	ug/l	0.14 U	EPA 8260	0.14	04/02/08 19:28		JRW
Carbon tetrachloride	ug/l	0.22 U	EPA 8260	0.22	04/02/08 19:28		JRW
Chlorobenzene	ug/l	0.04 U	EPA 8260	0.04	04/02/08 19:28		JRW
Chloroethane	ug/l	0.39 U	EPA 8260	0.39	04/02/08 19:28		JRW
Chloroform	ug/l	0.31 U	EPA 8260	0.14	04/02/08 19:28		JRW
Chloromethane	ug/l	0.47 U	EPA 8260	0.47	04/02/08 19:28		JRW
cis-1,2-Dichloroethene	ug/l	0.08 U	EPA 8260	0.08	04/02/08 19:28		JRW
cis-1,3-Dichloropropene	ug/l	0.14 U	EPA 8260	0.14	04/02/08 19:28		JRW
Dibromochloromethane	ug/l	0.15 U	EPA 8260	0.15	04/02/08 19:28		JRW
Dibromomethane	ug/l	0.24 U	EPA 8260	0.24	04/02/08 19:28		JRW
Ethylbenzene	ug/l	0.13 U	EPA 8260	0.13	04/02/08 19:28		JRW
Iodomethane	ug/l	0.16 U	EPA 8260	0.16	04/02/08 19:28		JRW
m,p-Xylenes	ug/l	0.19 U	EPA 8260	0.19	04/02/08 19:28		JRW
MEK (2-Butanone)	ug/l	0.55 U	EPA 8260	0.55	04/02/08 19:28		JRW
Methylene chloride	ug/l	0.13 U	EPA 8260	0.13	04/02/08 19:28		JRW
MIBK (4-Methyl-2-pentanone)	ug/l	0.41 U	EPA 8260	0.41	04/02/08 19:28		JRW
o-Xylene	ug/l	0.12 U	EPA 8260	0.12	04/02/08 19:28		JRW
Styrene	ug/l	0.10 U	EPA 8260	0.10	04/02/08 19:28		JRW
Tetrachloroethene	ug/l	0.16 U	EPA 8260	0.16	04/02/08 19:28		JRW

SOUTHERN ANALYTICAL LABORATORIES, INC.

110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677 813-855-1844 fax 813-855-2218



Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654-

April 14, 2008
Project No: 81201

Laboratory Report

Project Name	Resource Recovery
Sample Description	2MW-20D
Matrix	Groundwater
SAL Sample Number	81201.03
Date/Time Collected	04/01/08 13:07
Date/Time Received	04/02/08 14:52

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
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Volatile Organic Compounds - Appendix I

Toluene	ug/l	0.10 U	EPA 8260	0.10	04/02/08 19:28		JRW
trans-1,2-Dichloroethene	ug/l	0.30 U	EPA 8260	0.30	04/02/08 19:28		JRW
trans-1,3-Dichloropropene	ug/l	0.06 U	EPA 8260	0.06	04/02/08 19:28		JRW
trans-1,4-Dichloro-2-butene	ug/l	0.28 U	EPA 8260	0.28	04/02/08 19:28		JRW
Trichloroethene	ug/l	0.12 U	EPA 8260	0.12	04/02/08 19:28		JRW
Trichlorofluoromethane	ug/l	0.21 U	EPA 8260	0.21	04/02/08 19:28		JRW
Vinyl acetate	ug/l	0.53 U	EPA 8260	0.53	04/02/08 19:28		JRW
Vinyl chloride	ug/l	0.38 U	EPA 8260	0.38	04/02/08 19:28		JRW
Xylenes, Total	ug/l	0.12 U	EPA 8260	0.12	04/02/08 19:28		JRW

Pesticide Analyses

Dibromochloropropane	ug/L	0.005 U	EPA 8011	0.005	04/08/08 00:31	04/07/08 13:00	BTJ
Ethylene Dibromide	ug/L	0.005 U	EPA 8011	0.005	04/08/08 00:31	04/07/08 13:00	BTJ

Metals

Silver	mg/l	0.0002 U	EPA 272.2	0.0002	04/09/08 09:13		SMW
Arsenic	mg/l	0.001 U	EPA 206.2	0.001	04/08/08 12:32		SMW
Barium	mg/l	0.015 I	EPA 200.7	0.01	04/04/08 16:47	04/03/08 14:14	LCB
Beryllium	mg/l	0.0001 U	EPA 200.7	0.0001	04/04/08 16:47	04/03/08 14:14	LCB
Cadmium	mg/l	0.001 U	EPA 200.7	0.001	04/04/08 16:47	04/03/08 14:14	LCB
Chromium	mg/l	0.01 U	EPA 200.7	0.01	04/04/08 16:47	04/03/08 14:14	LCB
Copper	mg/l	0.005 U	EPA 200.7	0.005	04/04/08 16:47	04/03/08 14:14	LCB
Nickel	mg/l	0.001 U	EPA 200.7	0.001	04/04/08 16:47	04/03/08 14:14	LCB
Lead	mg/l	0.001 U	EPA 239.2	0.001	04/08/08 12:32		SMW
Antimony	mg/l	0.001 U	EPA 204.2	0.001	04/04/08 11:03		SMW
Selenium	mg/l	0.001 U	EPA 270.2	0.001	04/08/08 08:32		SMW
Thallium	mg/l	0.001 U	EPA 279.2	0.001	04/04/08 09:36		SMW
Vanadium	mg/l	0.01 U	EPA 200.7	0.01	04/04/08 16:47	04/03/08 14:14	LCB
Zinc	mg/l	0.037	EPA 200.7	0.003	04/04/08 16:47	04/03/08 14:14	LCB



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

Resource Recovery
Class I Landfill
Hays Road
Shady Hills, FL
John Power

Date: 4/23/2008

SAMPLE NUMBER AB00124 SAMPLE ID 2MW20D @ RESREC
DATE SAMPLED 4/1/2008
DATE RECEIVED 4/1/2008 SAMPLER WMM
TIME RECEIVED 15:40 DELIVERED BY WMM

SAMPLE MATRIX GW
TIME SAMPLED 13:07
RECEIVED BY CF
SAMPLE TYPE
Pumped

ANALYSIS	ANALYSIS					UNIT	DET. LIMIT
	METHOD	DATE	TIME	BY	RESULT		
Color by Observation	Observation	4/1/2008	13:07	WM	CLEAR		
Conductivity Field	SM2510B	4/1/2008	13:07	WM	428	umhos/cm	
Dissolved Oxygen Field	SM4500OG	4/1/2008	13:07	WM	1.96	mg/L	0.00
pH Field	SM4500HB	4/1/2008	13:07	WM	7.19	std units	
Temperature Field	SM2550B	4/1/2008	13:07	WM	25.40	deg C	
Water Level		4/1/2008	13:07	WM	25.97	Feet N.G.V.	
Iron, Total, Flame	SM3111B	4/4/2008	10:40	TER	0.03	mg/L	0.01
Mercury, Total, CVAA	SM3112B	4/18/2008	10:00	TER	<0.0005	mg/L	0.0005
Sodium, Total, Flame	SM3111B	4/4/2008	10:15	TER	18.1	mg/L	0.20
Ammonia	SM4500NH3	4/9/2008	8:00	IF	<0.04	mg/L	0.04
Nitrate	SM4500NO3	4/11/2008	9:00	IF	0.37	mg/L	0.02

ANALYSIS COMMENTS:

All calculations are on wet weight basis

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

Resource Recovery
Class I Landfill
Hays Road
Shady Hills, FL
John Power

Date: 4/23/2008

SAMPLE NUMBER AB00124 SAMPLE ID 2MW20D @ RESREC
DATE SAMPLED 4/1/2008
DATE RECEIVED 4/1/2008 SAMPLER WMM
TIME RECEIVED 15:40 DELIVERED BY WMM

SAMPLE MATRIX GW
TIME SAMPLED 13:07
RECEIVED BY CF
SAMPLE TYPE
Pumped

ANALYSIS	ANALYSIS					UNIT	DET. LIMIT
	METHOD	DATE	TIME	BY	RESULT		
Total Dissolved Solids	SM2540C	4/2/2008	16:30	AS	312	mg/L	18.4
Chloride	SM4500CLE	4/22/2008	14:00	CEM	53.8	mg/L	0.33
Turbidity	SM2130B	4/1/2008	17:00	WM	1.68	NTU's	

ANALYSIS COMMENTS:

All calculations are on wet weight basis

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123

SOUTHERN ANALYTICAL LABORATORIES, INC.

110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677 813-855-1844 fax 813-855-2218



Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654-

April 3, 2008
Project No: 80944

Laboratory Report

Footnotes

- * Test results presented in this report meet all the requirements of the NELAC standards.
- ** A statement of estimated uncertainty of test results is available upon request.
- *** For methods marked with ***, all QC criteria have been met for this method which is equivalent to a SAL certified method.
- I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
- U Analyte was undetected. Indicated concentration is method detection limit.

A handwritten signature in black ink, appearing to read "Francis I. Daniels", is located in the bottom right area of the page.

SOUTHERN ANALYTICAL LABORATORIES, INC.

110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677 813-855-1844 fax 813-855-2218



Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654-

April 7, 2008
Project No: 81018

Laboratory Report

Footnotes

- * Test results presented in this report meet all the requirements of the NELAC standards.
- ** A statement of estimated uncertainty of test results is available upon request.
- *** For methods marked with ***, all QC criteria have been met for this method which is equivalent to a SAL certified method.
- U Analyte was undetected. Indicated concentration is method detection limit.

A handwritten signature in black ink, appearing to read "Francis I. Daniels", is located in the bottom right area of the page.

SOUTHERN ANALYTICAL LABORATORIES, INC.

110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677 813-855-1844 fax 813-855-2218



Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654-

April 10, 2008
Project No: 81159

Laboratory Report

Footnotes

- * Test results presented in this report meet all the requirements of the NELAC standards.
- ** A statement of estimated uncertainty of test results is available upon request.
- *** For methods marked with ***, all QC criteria have been met for this method which is equivalent to a SAL certified method.
- I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
- U Analyte was undetected. Indicated concentration is method detection limit.

A handwritten signature in black ink, appearing to read "Francis I. Daniels", is located in the bottom right area of the page.

SOUTHERN ANALYTICAL LABORATORIES, INC.

110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677 813-855-1844 fax 813-855-2218



Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654-

April 14, 2008
Project No: 81201

Laboratory Report

Footnotes

- * Test results presented in this report meet all the requirements of the NELAC standards.
- ** A statement of estimated uncertainty of test results is available upon request.
- *** For methods marked with ***, all QC criteria have been met for this method which is equivalent to a SAL certified method.
- I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
- U Analyte was undetected. Indicated concentration is method detection limit.

A handwritten signature in black ink, appearing to read "Tim Ward", is written over a horizontal line.

SOUTHERN ANALYTICAL LABORATORIES, INC.

110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677 813-855-1844 fax 813-855-2218



Pasco County Environmental Laboratory

8864 Government Drive

New Port Richey, FL, 34654-

Resource Recovery

April 7, 2008

Project No: 81018

Laboratory Quality Assurance Report Results and Limits

QC Batch	Date	Project Samples	Method	Parameter	Units	Blank	Matrix Original	Recovery, %		% Control Limits	
								LCS	MSD	RPD	RPD
QC60838	04/01/08	81018.01-81018.04	EPA 200.7	Barium	mg/l	0.01 U	80960.05	102	104	106	2 85-115
QC60838	04/01/08	81018.01-81018.04	EPA 200.7	Beryllium	mg/l	0.0001 U	80960.05	106	109	112	3 85-115
QC60838	04/01/08	81018.01-81018.04	EPA 200.7	Cadmium	mg/l	0.001 U	80960.05	93	96	98	2 85-115
QC60838	04/01/08	81018.01-81018.04	EPA 200.7	Chromium	mg/l	0.01 U	80960.05	99	100	103	3 85-115
QC60838	04/01/08	81018.01-81018.04	EPA 200.7	Cobalt	mg/l	0.01 U	80960.05	92	99	101	2 85-115
QC60838	04/01/08	81018.01-81018.04	EPA 200.7	Copper	mg/l	0.005 U	80960.05	97	105	107	2 85-115
QC60838	04/01/08	81018.01-81018.04	EPA 200.7	Nickel	mg/l	0.001 U	80960.05	93	97	100	3 85-115
QC60838	04/01/08	81018.01-81018.04	EPA 200.7	Vanadium	mg/l	0.01 U	80960.05	100	104	107	3 85-115
QC60838	04/01/08	81018.01-81018.04	EPA 200.7	Zinc	mg/l	0.003 U	80960.05	99	101	103	2 85-115
QC60829	04/01/08	81018.01-81018.04	EPA 204.2	Antimony	mg/l	0.001 U	80917.03	106	103	96	7 85-115
QC60890	04/03/08	81018.01-81018.04	EPA 206.2	Arsenic	mg/l	0.001 U	80917.03	104	85	81	5 85-115
QC60792	03/31/08	81018.01-81018.04	EPA 239.2	Lead	mg/l	0.001 U	80702.08	92	100	100	0 85-115
QC60827	04/01/08	81018.01-81018.04	EPA 270.2	Selenium	mg/l	0.001 U	80919.01	93	93	93	0 85-115
QC60881	04/03/08	81018.01-81018.04	EPA 272.2	Silver	mg/l	0.0002 U	80960.04	97	110	114	4 85-115
QC60830	04/01/08	81018.01-81018.04	EPA 279.2	Thallium	mg/l	0.001 U	80917.03	101	101	96	5 50-139
QC60790	04/01/08	81018.01-81018.04	EPA 8011	Dibromochloropropane	ug/L	0.005 U	80972.01	100	97	103	3 70-130
QC60790	04/01/08	81018.01-81018.04	EPA 8011	Ethylene Dibromide	ug/L	0.005 U	80972.01	96	100	90	4 70-130
QC60922	04/02/08	81018.01-81018.04	EPA 8260	1,1-Dichloroethene	ug/l	0.14 U	81018.01	93	82	79	4 70-130
QC60922	04/02/08	81018.01-81018.04	EPA 8260	1,2-Dichloroethane-d4 (SS)	%	101	81018.01	100	107	103	4 70-130
QC60922	04/02/08	81018.01-81018.04	EPA 8260	4-Bromofluorobenzene (SS)	%	98	81018.01	96	94	94	0 70-130
QC60922	04/02/08	81018.01-81018.04	EPA 8260	Benzene	ug/l	0.10 U	81018.01	104	100	100	0 70-130
QC60922	04/02/08	81018.01-81018.04	EPA 8260	Chlorobenzene	ug/l	0.04 U	81018.01	98	100	96	4 70-130
QC60922	04/02/08	81018.01-81018.04	EPA 8260	Dibromofluoromethane (SS)	%	104	81018.01	108	104	103	1 70-130
QC60922	04/02/08	81018.01-81018.04	EPA 8260	Toluene	ug/l	0.10 U	81018.01	97	100	97	3 70-130
QC60922	04/02/08	81018.01-81018.04	EPA 8260	Toluene-d8 (SS)	%	98	81018.01	95	98	99	1 70-130
QC60922	04/02/08	81018.01-81018.04	EPA 8260	Trichloroethene	ug/l	0.12 U	81018.01	94	93	88	6 70-130

SOUTHERN ANALYTICAL LABORATORIES, INC.

110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677 813-855-1844 fax 813-855-2218



Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL, 34654-

Resource Recovery

April 10, 2008
Project No: 81159

Laboratory Quality Assurance Report Results and Limits

QC Batch	Date	Project Samples	Method	Parameter	Units	Blank	Matrix Original	Recovery, %			Control Limits %	
								LCS	LCSD	MSD	RPD	RPD
QC60941	04/04/08	81159.01-81159.04	EPA 200.7	Barium	mg/l	0.01 U	81006.01	98		99	94	5 85-115
QC60941	04/04/08	81159.01-81159.04	EPA 200.7	Beryllium	mg/l	0.0001 U	81006.01	100		103	97	6 85-115
QC60941	04/04/08	81159.01-81159.04	EPA 200.7	Cadmium	mg/l	0.001 U	81006.01	100		106	102	4 85-115
QC60941	04/04/08	81159.01-81159.04	EPA 200.7	Chromium	mg/l	0.01 U	81006.01	97		98	93	5 85-115
QC60941	04/04/08	81159.01-81159.04	EPA 200.7	Cobalt	mg/l	0.01 U	81006.01	91		98	93	5 85-115
QC60941	04/04/08	81159.01-81159.04	EPA 200.7	Copper	mg/l	0.005 U	81006.01	94		101	95	6 85-115
QC60941	04/04/08	81159.01-81159.04	EPA 200.7	Nickel	mg/l	0.001 U	81006.01	89		95	90	5 85-115
QC60941	04/04/08	81159.01-81159.04	EPA 200.7	Vanadium	mg/l	0.01 U	81006.01	97		102	97	5 85-115
QC60941	04/04/08	81159.01-81159.04	EPA 200.7	Zinc	mg/l	0.003 U	81006.01	94		95	89	7 85-115
QC60919	04/04/08	81159.01-81159.04	EPA 204.2	Antimony	mg/l	0.001 U	81159.01	107		109	107	2 85-115
QC60989	04/08/08	81159.01-81159.04	EPA 206.2	Arsenic	mg/l	0.001 U	81158.01	109		109	109	0 85-115
QC60991	04/08/08	81159.01-81159.04	EPA 239.2	Lead	mg/l	0.001 U	81078.02	96		102	102	0 85-115
QC60967	04/08/08	81159.01-81159.04	EPA 270.2	Selenium	mg/l	0.001 U	81158.01	106		98	89	10 85-115
QC61013	04/09/08	81159.01-81159.04	EPA 272.2	Silver	mg/l	0.0002 U	81159.01	98		101	95	6 85-115
QC60912	04/04/08	81159.01-81159.04	EPA 279.2	Thallium	mg/l	0.001 U	81159.01	99		114	113	1 50-139
QC60851	04/02/08	81159.01-81159.04	EPA 8011	Dibromochloropropane	ug/L	0.005 U	81124.01	86	79	83	82	8 70-130
QC60851	04/02/08	81159.01-81159.04	EPA 8011	Ethylene Dibromide	ug/L	0.005 U	81124.01	80	74	73	73	8 70-130
QC60922	04/02/08	81159.01-81159.04	EPA 8260	1,1-Dichloroethene	ug/l	0.14 U	81018.01	93		82	79	4 70-130
QC60922	04/02/08	81159.01-81159.04	EPA 8260	1,2-Dichloroethane-d4 (SS)	%	101	81018.01	100		107	103	4 70-130
QC60922	04/02/08	81159.01-81159.04	EPA 8260	4-Bromofluorobenzene (SS)	%	98	81018.01	96		94	94	0 70-130
QC60922	04/02/08	81159.01-81159.04	EPA 8260	Benzene	ug/l	0.10 U	81018.01	104		100	100	0 70-130
QC60922	04/02/08	81159.01-81159.04	EPA 8260	Chlorobenzene	ug/l	0.04 U	81018.01	98		100	96	4 70-130
QC60922	04/02/08	81159.01-81159.04	EPA 8260	Dibromofluoromethane (SS)	%	104	81018.01	108		104	103	1 70-130
QC60922	04/02/08	81159.01-81159.04	EPA 8260	Toluene	ug/l	0.10 U	81018.01	97		100	97	3 70-130
QC60922	04/02/08	81159.01-81159.04	EPA 8260	Toluene-d8 (SS)	%	98	81018.01	95		98	99	1 70-130
QC60922	04/02/08	81159.01-81159.04	EPA 8260	Trichloroethene	ug/l	0.12 U	81018.01	94		93	88	6 70-130

SOUTHERN ANALYTICAL LABORATORIES, INC.

110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677 813-855-1844 fax 813-855-2218



Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL, 34654-

Resource Recovery

April 14, 2008
Project No: 81201

Laboratory Quality Assurance Report Results and Limits

QC Batch	Date	Project Samples	Method	Parameter	Units	Blank	Matrix Original	Recovery, %			Control Limits %	
								LCS	LCSD	MSD	RPD	RPD
QC60941	04/04/08	81201.01-81201.03	EPA 200.7	Barium	mg/l	0.01 U	81006.01	98		99	94	5 85-115
QC60941	04/04/08	81201.01-81201.03	EPA 200.7	Beryllium	mg/l	0.0001 U	81006.01	100		103	97	6 85-115
QC60941	04/04/08	81201.01-81201.03	EPA 200.7	Cadmium	mg/l	0.001 U	81006.01	100		106	102	4 85-115
QC60941	04/04/08	81201.01-81201.03	EPA 200.7	Chromium	mg/l	0.01 U	81006.01	97		98	93	5 85-115
QC60941	04/04/08	81201.01-81201.03	EPA 200.7	Cobalt	mg/l	0.01 U	81006.01	91		98	93	5 85-115
QC60941	04/04/08	81201.01-81201.03	EPA 200.7	Copper	mg/l	0.005 U	81006.01	94		101	95	6 85-115
QC60941	04/04/08	81201.01-81201.03	EPA 200.7	Nickel	mg/l	0.001 U	81006.01	89		95	90	5 85-115
QC60941	04/04/08	81201.01-81201.03	EPA 200.7	Vanadium	mg/l	0.01 U	81006.01	97		102	97	5 85-115
QC60941	04/04/08	81201.01-81201.03	EPA 200.7	Zinc	mg/l	0.003 U	81006.01	94		95	89	7 85-115
QC60919	04/04/08	81201.01-81201.03	EPA 204.2	Antimony	mg/l	0.001 U	81159.01	107		109	107	2 85-115
QC60989	04/08/08	81201.01-81201.03	EPA 206.2	Arsenic	mg/l	0.001 U	81158.01	109		109	109	0 85-115
QC60991	04/08/08	81201.01-81201.03	EPA 239.2	Lead	mg/l	0.001 U	81078.02	96		102	102	0 85-115
QC60967	04/08/08	81201.01-81201.03	EPA 270.2	Selenium	mg/l	0.001 U	81158.01	106		98	89	10 85-115
QC61013	04/09/08	81201.01-81201.03	EPA 272.2	Silver	mg/l	0.0002 U	81159.01	98		101	95	6 85-115
QC60912	04/04/08	81201.01-81201.03	EPA 279.2	Thallium	mg/l	0.001 U	81159.01	99		114	113	1 50-139
QC60947	04/07/08	81201.01-81201.03	EPA 8011	Dibromochloropropane	ug/L	0.005 U	81266.03	94	95	99	100	1 70-130
QC60947	04/07/08	81201.01-81201.03	EPA 8011	Ethylene Dibromide	ug/L	0.005 U	81266.03	100	103	104	108	3 70-130
QC60922	04/02/08	81201.01-81201.03	EPA 8260	1,1-Dichloroethene	ug/l	0.14 U	81018.01	93		82	79	4 70-130
QC60922	04/02/08	81201.01-81201.03	EPA 8260	1,2-Dichloroethane-d4 (SS)	%	101	81018.01	100		107	103	4 70-130
QC60922	04/02/08	81201.01-81201.03	EPA 8260	4-Bromofluorobenzene (SS)	%	98	81018.01	96		94	94	0 70-130
QC60922	04/02/08	81201.01-81201.03	EPA 8260	Benzene	ug/l	0.10 U	81018.01	104		100	100	0 70-130
QC60922	04/02/08	81201.01-81201.03	EPA 8260	Chlorobenzene	ug/l	0.04 U	81018.01	98		100	96	4 70-130
QC60922	04/02/08	81201.01-81201.03	EPA 8260	Dibromofluoromethane (SS)	%	104	81018.01	108		104	103	1 70-130
QC60922	04/02/08	81201.01-81201.03	EPA 8260	Toluene	ug/l	0.10 U	81018.01	97		100	97	3 70-130
QC60922	04/02/08	81201.01-81201.03	EPA 8260	Toluene-d8 (SS)	%	98	81018.01	95		98	99	1 70-130
QC60922	04/02/08	81201.01-81201.03	EPA 8260	Trichloroethene	ug/l	0.12 U	81018.01	94		93	88	6 70-130