



# PASCO COUNTY, FLORIDA

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DADE CITY (352) 521-4274  
LAND O' LAKES (813) 996-7341  
NEW PORT RICHEY (813) 847-8902

Department of Environmental Protection  
SOUTH FLORIDA ENVIRONMENTAL LABORATORY  
BY \_\_\_\_\_ PASCO COUNTY GOVT. COMPLEX  
7530 LITTLE ROAD  
NEW PORT RICHEY, FL 34654

December 14, 1995

Ms. Allison Amram  
Florida Department of  
Environmental Protection  
3804 Coconut Palm Drive  
Tampa, FL 33619

RE: Resource Recovery Leachate Analysis

Dear Ms. Amram:

Enclosed please find analytical results for analysis conducted on the primary and secondary leachate from the ash cell and the solid waste cell at the Hays Road Resource Recovery site. Also included is the QA/QC data associated with this analysis. This completes the Quarter IV 1995 monitoring requirement.

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

Sincerely,

Candia E. Mulhern  
Laboratory Manager

CEM/s121409:ltr

Enclosure

cc: Douglas S. Bramlett, Assistant County Administrator (Utilities Services)  
Robert J. Sigmond, Utilities Fiscal Services/Special Projects Director  
Vincent Mannella, P.E., Solid Waste Facility Manager

# Florida Department of Environmental Protection

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

DEP Form # 62-522.600(2)
Form Title <b>GROUND WATER MONITORING REPORT</b>
Effective Date _____
DEP Application No. _____

## GROUND WATER MONITORING REPORT

Rule 62-522.600(11)

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### PART I GENERAL INFORMATION

(1) Facility Name Resource Recovery - West Pasco Class I Landfill Department of Environmental Protection  
Address Hays Road BY SOUTHWEST DISTRICT  
City Hudson, Florida Zip 34610  
Telephone Number (      ) \_\_\_\_\_

(2) The GMS Identification Number 4051C00030

(3) DEP Permit Number PA87-23

(4) Authorized Representative Name Candia E. Mulhern  
Address 8864 Government Drive  
City New Port Richey, Florida Zip 34654  
Telephone Number ( 813 ) 847-8902

(5) Type of Discharge Landfill

(6) Method of Discharge Unknown

### Certification

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

Date: 12/15/95   
Signature of Owner or Authorized Representative

### PART II QUALITY ASSURANCE REQUIREMENTS

Sample Organization Comp QAP # \_\_\_\_\_

Analytical Lab Comp QAP #/HRS Certification # 870167 G/7 54237, E44123  
\*Comp QAP #/HRS Certification # 870202 G Potable BTL #1-86173 & 86418 Env. 86035

Lab Name Pasco County Environmental Laboratory

Address 8864 Government Drive, New Port Richey, FL 34654

Phone Number ( 813 ) 847-8902

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PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030  
Test Site ID #: NA

Department of Environmental Protection  
SOUTHWEST DISTRICT  
Sampling Date/Time: 10/17/95 @ 1130  
Report Period: 1995 / Quarter IV  
(year/quarter)

Well Name: A-1 Primary Tank Leachate  
Classification of Groundwater: NA  
Groundwater Elevation (NGVD): \_\_\_\_\_  
or (MSL): \_\_\_\_\_

Well Purged (Y/N): YES  
Well Type: ( ) Background  
( ) Intermediate  
( ) Compliance  
( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000620	Nitrate	Well Wiz. Ded. Mon. System	No	EPA 353.2	10/23/95 1600	<0.15 mg/L	0.15 mg/L
082079	Turbidity	"	"	SM 2130B	10/17/95 1645	4.02 NTU	0.01 NTU
000940	Chloride	"	"	SM 4500C1-B	10/20/95 1000	6,216 mg/L	0.15 mg/L
000400	pH-Field	"	"	EPA 150.1	10/17/95 1130	7.65 Std. Units	0.01 Std. Units
070300	Total Dis. Solids	"	"	SM 2540C	10/24/95 1500	15,300 mg/L	1 mg/L
000344	Dissolved Oxygen	"	"	SM 4500 O G	10/17/95 1130	0.29 mg/L	0.01 mg/L
000680	TOC	"	"	EPA 415.1	10/19/95 1300	24.1 mg/L	0.50 mg/L
000410	Bicarbonate	"	"	EPA 310.1	10/24/95 1400	88 mg/L	1 mg/L
000095	Specific Cond. (Field)	"	"	SM 2510B	10/17/95 1130	14,977 µmhos/cm	0.00 µmhos/cm
000010	Temperature (Field)	"	"	SM 2550B	10/17/95 1130	27.0 °C	0 °C
000610	Ammonia	"	"	EPA 350.1	10/19/95 1000	6.29 mg/L	0.15 mg/L
000945	Sulfate	"	"	EPA 375.4	10/19/95 1400	704 mg/L	1 mg/L
000556	Oil & Grease	"	"	SM 5520B	10/24/95 1400	<3 mg/L	3 mg/L
000600	TON	"	"	EPA 350.1	10/26/95 1600	2.17 mg/L	0.07 mg/L
001034	Chromium	"	"	EPA 218.2	10/27/95 1320	0.0015 mg/L	0.0010 mg/L
001051	Lead	"	"	EPA 239.2	10/25/95 1100	0.0016 mg/L	0.0010 mg/L

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PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030 Sampling Date/Time: 10/17/95 @ 1130  
 Test Site ID #: NA Report Period: 1995 / Quarter IV  
 (year/quarter)  
 Well Name: A-1 Primary Tank Leachate Well Purged (Y/N): YES  
 Classification of Groundwater: NA Well Type: ( ) Background  
 ( ) Intermediate  
 Groundwater Elevation (NGVD): \_\_\_\_\_ ( ) Compliance  
 ( ) Other  
 or (MSL): \_\_\_\_\_

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000600	Total Nitrogen	Well Wiz. Ded. Mon. System	No	CALC	10/30/95 1500	8.46 mg/L	0.15 mg/L
001042	Copper	"	"	EPA 220.2	10/25/95 1020	0.05 mg/L	0.001 mg/L
001147	Selenium	"	"	EPA 270.2	10/27/95 1000	0.0011 mg/L	0.001 mg/L
001027	Cadmium	"	"	EPA 213.2	10/27/95 1200	<0.0005 mg/L	0.0005 mg/L
001045	Iron	"	"	EPA 236.2	10/25/95 1100	0.16 mg/L	0.001 mg/L
000929	Sodium	"	"	EPA 273.1	10/30/95 1000	1,380 mg/L	0.01 mg/L
001002	Arsenic	"	"	EPA 206.2	10/27/95 1030	0.0027 mg/L	0.001 mg/L
071900	Mercury	"	"	EPA 245.1	10/30/95 1600	<0.0005 mg/L	0.0005 mg/L
001012	Beryllium	"	"	EPA 210.2	10/27/95 1600	<0.0005 mg/L	0.0005 mg/L
000916	Calcium	"	"	EPA 215.1	10/30/95 1015	2,200 mg/L	0.1 mg/L
000927	Magnesium	"	"	EPA 242.1	10/30/95 1100	3.00 mg/L	0.005 mg/L
001055	Manganese	"	"	EPA 243.1	10/25/95 1340	0.07 mg/L	0.03 mg/L
001067	Nickel	"	"	EPA 249.1	10/25/95 1050	0.19 mg/L	0.07 mg/L
001077	Silver	"	"	EPA 272.2	10/27/95 1650	<0.0005 mg/L	0.0005 mg/L
001059	Thallium	"	"	EPA 279.2	10/27/95 1520	<0.001 mg/L	0.001 mg/L
001097	Antimony	"	"	EPA 204.2	10/27/95 1000	0.0278 mg/L	0.003 mg/L

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PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030

Sampling Date/Time: 10/17/95 @ 1130

Test Site ID #: NA

Report Period: 1995 / Quarter IV  
(year/quarter)

Well Name: A-1 Primary Tank Leachate

Well Purged (Y/N): YES

Classification of Groundwater: NA

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

Groundwater Elevation (NGVD): \_\_\_\_\_

or (MSL): \_\_\_\_\_

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
001092	Zinc	Well Wiz. Ded. Mon. System	No	EPA 289.1	10/25/95 1035	0.03 mg/L	0.005 mg/L
000612	NH <sub>4</sub> -N	"	"	DEP SOP 10/03/83	10/25/95 1000	0.19 mg/L	0.02 mg/L
078155	TOX	"	"	EPA 9020		<0.50 mg/L	0.50 mg/L
900180	Phenols	"	"	EPA 420.1		0.291 mg/L	0.010 mg/L

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PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030

Sampling Date/Time: 10/17/95 @ 1200

Test Site ID #: \_\_\_\_\_

Report Period: 1995 / Quarter IV  
(year/quarter)

Well Name: A-1 Secondary Tank Leachate

Well Purged (Y/N): YES

Classification of Groundwater: \_\_\_\_\_

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

Groundwater Elevation (NGVD): \_\_\_\_\_

or (MSL): \_\_\_\_\_

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000620	Nitrate	Well Wiz. Ded. Mon. System	No	EPA 353.2	10/23/95 1600	<0.15 mg/L	0.15 mg/L
082079	Turbidity	"	"	SM 2130B	10/17/95 1645	1.51 NTU	0.01 NTU
000940	Chloride	"	"	SM 4500Cl-B	10/20/95 1000	1,273 mg/L	0.15 mg/L
000400	pH-Field	"	"	EPA 150.1	10/27/95 1200	7.72 Std. Units	0.01 Std. Units
070300	Total Dis. Solids	"	"	SM 2540C	10/24/95 1500	2,570 mg/L	1 mg/L
000344	Dissolved Oxygen	"	"	SM 4500 O G	10/17/95 1130	3.80 mg/L	0.01 mg/L
000680	TOC	"	"	EPA 415.1	10/19/95 1300	32.4 mg/L	0.50 mg/L
000410	Bicarbonate	"	"	EPA 310.1	10/24/95 1400	173 mg/L	1 mg/L
000095	Specific Cond. (Field)	"	"	SM 2510B	10/17/95 1200	4,037 µmhos/cm	0.00 µmhos/cm
000010	Temperature (Field)	"	"	SM 2550B	10/17/95 1200	27.5 °C	0 °C
000610	Ammonia	"	"	EPA 350.1	10/19/95 1000	<0.15 mg/L	0.15 mg/L
000945	Sulfate	"	"	EPA 375.4	10/19/95 1400	21.1 mg/L	1 mg/L
000556	Oil & Grease	"	"	SM 5520B	10/24/95 1400	<3 mg/L	3 mg/L
000600	TON	"	"	EPA 350.1	10/26/95 1600	1.01 mg/L	0.07 mg/L
001034	Chromium	"	"	EPA 218.2	10/27/95 1320	<0.001 mg/L	0.0010 mg/L
001051	Lead	"	"	EPA 239.2	10/25/95 1100	0.0018 mg/L	0.0010 mg/L

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## PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030 Sampling Date/Time: 10/17/95 @ 1200  
 Test Site ID #: \_\_\_\_\_ Report Period: 1995 / Quarter IV  
 (year/quarter)

Well Name: A-1 Secondary Tank Leachate Well Purged (Y/N): YES  
 Classification of Groundwater: \_\_\_\_\_ Well Type: ( ) Background  
 ( ) Intermediate  
 Groundwater Elevation (NGVD): \_\_\_\_\_ ( ) Compliance  
 or (MSL): \_\_\_\_\_ ( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000600	Total Nitrogen	Well Wiz. Ded. Mon. System	No	CALC	10/30/95 1500	1.01 mg/L	0.15 mg/L
001042	Copper	"	"	EPA 220.2	10/25/95 1020	0.02 mg/L	0.001 mg/L
001147	Selenium	"	"	EPA 270.2	10/27/95 1000	<0.001 mg/L	0.001 mg/L
001027	Cadmium	"	"	EPA 213.2	10/27/95 1200	0.0006 mg/L	0.0005 mg/L
001045	Iron	"	"	EPA 236.2	10/25/95 1100	0.58 mg/L	0.001 mg/L
000929	Sodium	"	"	EPA 273.1	10/30/95 1000	283 mg/L	0.01 mg/L
001002	Arsenic	"	"	EPA 206.2	10/27/95 1030	<0.001 mg/L	0.001 mg/L
071900	Mercury	"	"	EPA 245.1	10/30/95 1600	<0.0005 mg/L	0.0005 mg/L
001012	Beryllium	"	"	EPA 210.2	10/27/95 1600	<0.0005 mg/L	0.0005 mg/L
000916	Calcium	"	"	EPA 215.1	10/30/95 1015	645 mg/L	0.1 mg/L
000927	Magnesium	"	"	EPA 242.1	10/30/95 1100	9.90 mg/L	0.005 mg/L
001055	Manganese	"	"	EPA 243.1	10/25/95 1340	0.04 mg/L	0.03 mg/L
001067	Nickel	"	"	EPA 249.1	10/25/95 1050	0.08 mg/L	0.07 mg/L
001077	Silver	"	"	EPA 272.2	10/27/95 1650	<0.0005 mg/L	0.0005 mg/L
001059	Thallium	"	"	EPA 279.2	10/27/95 1520	<0.001 mg/L	0.001 mg/L
001097	Antimony	"	"	EPA 204.2	10/27/95 1000	<0.001 mg/L	0.003 mg/L

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PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030 Sampling Date/Time: 10/17/95 @ 1200  
 Test Site ID #: \_\_\_\_\_ Report Period: 1995 / Quarter IV  
 (year/quarter)  
 Well Name: A-1 Secondary Tank Leachate Well Purged (Y/N): YES  
 Classification of Groundwater: \_\_\_\_\_ Well Type: ( ) Background  
 ( ) Intermediate  
 Groundwater Elevation (NGVD): \_\_\_\_\_ ( ) Compliance  
 ( ) Other  
 or (MSL): \_\_\_\_\_

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
001092	Zinc	Well Wiz. Ded. Mon. System	No	EPA 289.1	10/25/95 1035	0.03 mg/L	0.005 mg/L
000612	NH <sub>4</sub> -N	"	"	DEP SOP 10/03/83	10/25/95 1000	<0.02 mg/L	0.02 mg/L
078155	TOX	"	"	EPA 9020		0.21 mg/L	0.50 mg/L
900180	Phenols	"	"	EPA 420.1		<0.010 mg/L	0.010 mg/L

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PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030 Sampling Date/Time: 10/17/95 @ 1030  
 Test Site ID #: \_\_\_\_\_ Report Period: 1995 / Quarter IV  
 (year/quarter)  
 Well Name: SW Primary Tank Leachate Well Purged (Y/N): YES  
 Classification of Groundwater: \_\_\_\_\_ Well Type: ( ) Background  
 ( ) Intermediate  
 Groundwater Elevation (NGVD): \_\_\_\_\_ ( ) Compliance  
 ( ) Other  
 or (MSL): \_\_\_\_\_

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000620	Nitrate	Well Wiz. Ded. Mon. System	No	EPA 353.2	10/23/95 1600	<0.15 mg/L	0.15 mg/L
082079	Turbidity	"	"	SM 2130B	10/17/95 1645	56 NTU	0.01 NTU
000940	Chloride	"	"	SM 4500Cl-B	10/20/95 1000	15,976 mg/L	0.15 mg/L
000400	pH-Field	"	"	EPA 150.1	10/17/95 1030	6.85 Std. Units	0.01 Std. Units
070300	Total Dis. Solids	"	"	SM 2540C	10/24/95 1500	35,900 mg/L	1 mg/L
000344	Dissolved Oxygen	"	"	SM 4500 O G	10/17/95 1130	0.20 mg/L	0.01 mg/L
000680	TOC	"	"	EPA 415.1	10/19/95 1300	29.5 mg/L	0.50 mg/L
000410	Bicarbonate	"	"	EPA 310.1	10/24/95 1400	125 mg/L	1 mg/L
000095	Specific Cond. (Field)	"	"	SM 2510B	10/17/95 1030	39,167 µmhos/cm	0.00 µmhos/cm
000010	Temperature (Field)	"	"	SM 2550B	10/17/95 1030	26.62 °C	0 °C
000610	Ammonia	"	"	EPA 350.1	10/19/95 1000	17.5 mg/L	0.15 mg/L
000945	Sulfate	"	"	EPA 375.4	10/19/95 1400	294 mg/L	1 mg/L
000556	Oil & Grease	"	"	SM 5520B	10/24/95 1400	<3 mg/L	3 mg/L
000600	TON	"	"	EPA 350.1	10/26/95 1600	0.70 mg/L	0.07 mg/L
001034	Chromium	"	"	EPA 218.2	10/27/95 1320	<0.001 mg/L	0.0010 mg/L
001051	Lead	"	"	EPA 239.2	10/25/95 1100	<0.001 mg/L	0.0010 mg/L

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## PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030 Sampling Date/Time: 10/17/95 @ 1030Test Site ID #: \_\_\_\_\_ Report Period: 1995 / Quarter IV  
(year/quarter)Well Name: SW Primary Tank Leachate Well Purged (Y/N): YES

Classification of Groundwater: \_\_\_\_\_ Well Type: ( ) Background

( ) Intermediate

( ) Compliance

( ) Other

Groundwater Elevation (NGVD): \_\_\_\_\_

or (MSL): \_\_\_\_\_

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000600	Total Nitrogen	Well Wiz. Ded. Mon. System	No	CALC	10/30/95 1500	18.2 mg/L	0.15 mg/L
001042	Copper	"	"	EPA 220.2	10/25/95 1020	0.11 mg/L	0.001 mg/L
001147	Selenium	"	"	EPA 270.2	10/27/95 1000	0.0043 mg/L	0.001 mg/L
001027	Cadmium	"	"	EPA 213.2	10/27/95 1200	<0.005 mg/L	0.0005 mg/L
001045	Iron	"	"	EPA 236.2	10/25/95 1100	1.40 mg/L	0.001 mg/L
000929	Sodium	"	"	EPA 273.1	10/30/95 1000	3,440 mg/L	0.01 mg/L
001002	Arsenic	"	"	EPA 206.2	10/27/95 1030	0.0047 mg/L	0.001 mg/L
071900	Mercury	"	"	EPA 245.1	10/30/95 1600	<0.0005 mg/L	0.0005 mg/L
001012	Beryllium	"	"	EPA 210.2	10/27/95 1600	<0.0005 mg/L	0.0005 mg/L
000916	Calcium	"	"	EPA 215.1	10/30/95 1015	5,060 mg/L	0.1 mg/L
000927	Magnesium	"	"	EPA 242.1	10/30/95 1100	6.70 mg/L	0.005 mg/L
001055	Manganese	"	"	EPA 243.1	10/25/95 1340	0.36 mg/L	0.03 mg/L
001067	Nickel	"	"	EPA 249.1	10/25/95 1050	0.36 mg/L	0.07 mg/L
001077	Silver	"	"	EPA 272.2	10/27/95 1650	0.0006 mg/L	0.0005 mg/L
001059	Thallium	"	"	EPA 279.2	10/27/95 1520	<0.001 mg/L	0.001 mg/L
001097	Antimony	"	"	EPA 204.2	10/27/95 1000	0.0106 mg/L	0.003 mg/L

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PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030

Sampling Date/Time: 10/17/95 @ 1030

Test Site ID #: \_\_\_\_\_

Report Period: 1995 / Quarter IV  
(year/quarter)

Well Name: SW Primary Tank Leachate

Well Purged (Y/N): YES

Classification of Groundwater: \_\_\_\_\_

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

Groundwater Elevation (NGVD): \_\_\_\_\_

or (MSL): \_\_\_\_\_

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
001092	Zinc	Well Wiz. Ded. Mon. System	No	EPA 289.1	10/25/95 1035	0.05 mg/L	0.005 mg/L
000612	NH <sub>4</sub> -N	"	"	DEP SOP 10/03/83	10/25/95 1000	0.084 mg/L	0.02 mg/L
078155	TOX	"	"	EPA 9020		<0.50 mg/L	0.50 mg/L
900180	Phenols	"	"	EPA 420.1		0.057 mg/L	0.010 mg/L

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PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030 Sampling Date/Time: 10/17/95 @ 1100

Test Site ID #: \_\_\_\_\_ Report Period: 1995 / Quarter IV  
(year/quarter)

Well Name: SW Secondary Tank Leachate Well Purged (Y/N): YES

Classification of Groundwater: \_\_\_\_\_ Well Type: ( ) Background

( ) Intermediate

( ) Compliance

( ) Other

Groundwater Elevation (NGVD): \_\_\_\_\_

or (MSL): \_\_\_\_\_

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000620	Nitrate	Well Wiz. Ded. Mon. System	No	EPA 353.2	10/23/95 1600	<0.15 mg/L	0.15 mg/L
082079	Turbidity	"	"	SM 2130B	10/17/95 1645	0.52 NTU	0.01 NTU
000940	Chloride	"	"	SM 4500C1-B	10/20/95 1000	101 mg/L	0.15 mg/L
000400	pH-Field	"	"	EPA 150.1	10/17/95 1100	7.80 Std. Units	0.01 Std. Units
070300	Total Dis. Solids	"	"	SM 2540C	10/24/95 1500	492 mg/L	1 mg/L
000344	Dissolved Oxygen	"	"	SM 4500 O G	10/17/95 1130	3.17 mg/L	0.01 mg/L
000680	TOC	"	"	EPA 415.1	10/19/95 1300	34.7 mg/L	0.50 mg/L
000410	Bicarbonate	"	"	EPA 310.1	10/24/95 1400	304 mg/L	1 mg/L
000095	Specific Cond. (Field)	"	"	SM 2510B	10/17/95 1100	886 µmhos/cm	0.00 µmhos/cm
000010	Temperature (Field)	"	"	SM 2550B	10/17/95 1100	27.07 °C	0 °C
000610	Ammonia	"	"	EPA 350.1	10/19/95 1000	<0.15 mg/L	0.15 mg/L
000945	Sulfate	"	"	EPA 375.4	10/19/95 1400	9.32 mg/L	1 mg/L
000556	Oil & Grease	"	"	SM 5520B	10/24/95 1400	<3 mg/L	3 mg/L
000600	TON	"	"	EPA 350.1	10/26/95 1600	0.64 mg/L	0.07 mg/L
001034	Chromium	"	"	EPA 218.2	10/27/95 1320	<0.001 mg/L	0.0010 mg/L
001051	Lead	"	"	EPA 239.2	10/25/95 1100	<0.001 mg/L	0.0010 mg/L

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PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030 Sampling Date/Time: 10/17/95 @ 1100

Test Site ID #: \_\_\_\_\_ Report Period: 1995 / Quarter IV  
(year/quarter)

Well Name: SW Secondary Tank Leachate Well Purged (Y/N): YES

Classification of Groundwater: \_\_\_\_\_ Well Type: ( ) Background

Groundwater Elevation (NGVD): \_\_\_\_\_ ( ) Intermediate

or (MSL): \_\_\_\_\_ ( ) Compliance

( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000600	Total Nitrogen	Well Wiz. Ded. Mon. System	No	CALC	10/30/95 1500	0.64 mg/L	0.15 mg/L
001042	Copper	"	"	EPA 220.2	10/25/95 1020	0.02 mg/L	0.001 mg/L
001147	Selenium	"	"	EPA 270.2	10/27/95 1000	<0.001 mg/L	0.001 mg/L
001027	Cadmium	"	"	EPA 213.2	10/27/95 1200	<0.0005 mg/L	0.0005 mg/L
001045	Iron	"	"	EPA 236.2	10/25/95 1100	<0.001 mg/L	0.001 mg/L
000929	Sodium	"	"	EPA 273.1	10/30/95 1000	32.7 mg/L	0.01 mg/L
001002	Arsenic	"	"	EPA 206.2	10/27/95 1030	<0.001 mg/L	0.001 mg/L
071900	Mercury	"	"	EPA 245.1	10/30/95 1600	<0.0005 mg/L	0.0005 mg/L
001012	Beryllium	"	"	EPA 210.2	10/27/95 1600	<0.0005 mg/L	0.0005 mg/L
000916	Calcium	"	"	EPA 215.1	10/30/95 1015	169 mg/L	0.1 mg/L
000927	Magnesium	"	"	EPA 242.1	10/30/95 1100	6.29 mg/L	0.005 mg/L
001055	Manganese	"	"	EPA 243.1	10/25/95 1340	0.02 mg/L	0.03 mg/L
001067	Nickel	"	"	EPA 249.1	10/25/95 1050	<0.001 mg/L	0.07 mg/L
001077	Silver	"	"	EPA 272.2	10/27/95 1650	<0.0005 mg/L	0.0005 mg/L
001059	Thallium	"	"	EPA 279.2	10/27/95 1520	<0.001 mg/L	0.001 mg/L
001097	Antimony	"	"	EPA 204.2	10/27/95 1000	<0.001 mg/L	0.003 mg/L

\*Attach Laboratory Reports

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030 Sampling Date/Time: 10/17/95 @ 1100

Test Site ID #: \_\_\_\_\_ Report Period: 1995 / Quarter IV  
(year/quarter)

Well Name: SW Secondary Tank Leachate Well Purged (Y/N): YES

Classification of Groundwater: \_\_\_\_\_ Well Type: ( ) Background

Groundwater Elevation (NGVD): \_\_\_\_\_ ( ) Intermediate

or (MSL): \_\_\_\_\_ ( ) Compliance

( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
001092	Zinc	Well Wiz. Ded. Mon. System	No	EPA 289.1	10/25/95 1035	0.02 mg/L	0.005 mg/L
000612	NH <sub>4</sub> -N	"	"	DEP SOP 10/03/83	10/25/95 1000	<0.02 mg/L	0.02 mg/L
078155	TOX	"	"	EPA 9020		0.18 mg/L	0.50 mg/L
900180	Phenols	"	"	EPA 420.1		<0.010 mg/L	0.010 mg/L

\*Attach Laboratory Reports



# PASCO COUNTY, FLORIDA

**RECEIVED**  
DEC 19 1995  
Department of Environmental Protection  
BY SOUTHWEST DISTRICT

## REPORT OF ANALYSES

RESOURCE RECOVERY  
14230 HAYS ROAD  
SPRING HILL, FL 34610-  
Attn: VINCENT MANNELLA

PROJECT NAME: RR LEACHATE  
DATE: 10/25/95  
DHRS # 54237, E44123

(Page 1 of 1)

LAB No.	SAMPLE		SAMPLER	DELIVERY TO LAB	
	DATE	TIME		DATE	TIME MATRIX
41203	10/18/95	0820	CHRIS CHILDRESS	10/18/95	1530 LE
41204	10/18/95	0840	CHRIS CHILDRESS	10/18/95	1530 LE

CLIENT STATION ID:	A-1 SECONDARY	SW SECONDARY
LAB #:	41203	41204

	STD. UNITS	7.75	7.83
FIELD PH	DEGREES C	26.4	27.1
FIELD TEMPERATURE	umhos/cm	4124	901
FIELD CONDUCTIVITY	mg/L	3.9	3.1
DISSOLVED OXYGEN, FIELD	mg/l	<3	<3
OIL AND GREASE			

LABORATORY DIRECTOR 



# PASCO COUNTY, FLORIDA

QC REPORT FOR RESOURCE RECOVERY 10/26/95

QA/QC for SAMPLE Nos: 41203, 41204,

Page 1

Analyte	LAB ID	Precision Data				Accuracy Data	Reference Sample Data			
		Replicate A	Replicate B	Range	RPD %	% Spike Recovery	Reference Sample ID	Target	Found	% Recovery
OIL AND GREASE EPA413.1 mg/l	9967	40.2	37.4	2.8	7.22	-----	9967	49.2	40.2	81.70





# PASCO COUNTY, FLORIDA

## DATE, TIME, ANALYST REPORT

ANALYSIS	METHOD	ANALYSIS		ANALYST
		DATE	TIME	
COND, FIELD	EPA 120.1	10/18/95	0820	CCH
DO, FIELD	EPA 360.1	10/18/95	0820	CCH
FIELD TEMP	EPA 170.1	10/18/95	0820	CCH
O+G	EPA413.1	10/24/95	1400	TER
PH, FIELD	EPA 150.0	10/18/95	0820	CCH



# PASCO COUNTY, FLORIDA

**RECEIVED**  
DEC 19 1995  
Department of Environmental Protection  
BY SOUTHWEST DISTRICT

## REPORT OF ANALYSES

RESOURCE RECOVERY  
14230 HAYS ROAD  
SPRING HILL, FL 34610-  
Attn: VINCENT MANNELLA

PROJECT NAME: RR LEACHATE  
DATE: 12/05/95  
DHRS # 54237, E44123

RESOURCE RECOVERY LEACHATE ANALYSIS - QUARTER IV 1995 (Page 1 of 2)

LAB No.	SAMPLE			DELIVERY TO LAB		
	DATE	TIME	SAMPLER	DATE	TIME	MATRIX
41160	10/17/95	1130	CHRIS CHILDRESS	10/17/95	1610	LE
41161	10/17/95	1200	CHRIS CHILDRESS	10/17/95	1610	LE
41162	10/17/95	1030	CHRIS CHILDRESS	10/17/95	1610	LE
41163	10/17/95	1100	CHRIS CHILDRESS	10/17/95	1610	LE

CLIENT STATION ID:	A-1 PRIMARY	A-1 SECONDARY	SW PRIMARY	SW SECONDARY
LAB #:	41160	41161	41162	41163

PH, FIELD	STD. UNITS	7.65	7.72	6.85	7.80
FIELD TEMP	DEGREES C	27.0	27.5	26.62	27.07
COND, FIELD	umhos/cm	14977	4037	39167	886
DO, FIELD	mg/L	0.29	3.80	0.20	3.17
BICARB. ALK	mg/l	88	173	125	304
TOC	mg/L	24.1	32.4	29.5	34.7
CL-	mg/L	6216	1273	15976	101
NH3	mg/L	6.29	<0.15	17.5	<0.15
NH3-UNION	mg/L	0.19	<0.02	0.084	<0.02
TON	mg/L	2.17	1.01	0.70	0.64
NO2+N03	mg/l	<0.15	<0.15	<0.15	<0.15
TN	MG/L	8.46	1.01	18.2	0.64
O+G	mg/l	<3	N.R.	<3	N.R.
PH	std units	7.77	8.00	7.25	7.94
PHENOLS	mg/L	0.291	<0.010	0.057	<0.010
TDS	mg/L	15300	2570	35900	492
COND	umhos	14560	3510	34500	852
SO4	mg/L	704	21.1	294	9.32
TURB	NTU	4.02	1.51	56	0.52

NOTE: N. R. = ANALYSIS NOT REQUIRED

LABORATORY DIRECTOR



# PASCO COUNTY, FLORIDA

## REPORT OF ANALYSES

RESOURCE RECOVERY  
 14230 HAYS ROAD  
 SPRING HILL, FL 34610-  
 Attn: VINCENT MANNELLA

PROJECT NAME: RR LEACHATE  
 DATE: 12/05/95  
 DHRS # 54237, E44123

RESOURCE RECOVERY LEACHATE ANALYSIS - QUARTER IV 1995 (Page 2 of 2)

LAB No.	SAMPLE			DELIVERY TO LAB		
	DATE	TIME	SAMPLER	DATE	TIME	MATRIX
41160	10/17/95	1130	CHRIS CHILDRESS	10/17/95	1610	LE
41161	10/17/95	1200	CHRIS CHILDRESS	10/17/95	1610	LE
41162	10/17/95	1030	CHRIS CHILDRESS	10/17/95	1610	LE
41163	10/17/95	1100	CHRIS CHILDRESS	10/17/95	1610	LE

CLIENT STATION ID:	A-1 PRIMARY	A-1 SECONDARY	SW PRIMARY	SW SECONDARY
LAB #:	41160	41161	41162	41163

	mg/l	A-1 PRIMARY	A-1 SECONDARY	SW PRIMARY	SW SECONDARY
TOX		<0.50	0.21	<0.50	0.18
SB/T/AA	mg/L	0.0278	<0.001	0.0106	<0.001
AS/T/AA	mg/L	0.0027	<0.001	0.0047	<0.001
BE/T/AA	mg/L	<0.0005	<0.0005	<0.0005	<0.0005
CD/T/AA	mg/L	<0.0005	0.0006	<0.0005	<0.0005
CA/T/FLAA	mg/L	2200	645	5060	169
CR/T/AA	mg/L	0.0015	<0.001	<0.001	<0.001
CU/T/AA	mg/L	0.05	0.02	0.11	0.02
FE/T/AA	mg/L	0.16	0.58	1.40	<0.02
PB/T/AA	mg/L	0.0016	0.0018	<0.001	<0.001
MG/T/FLAA	mg/L	3.00	9.90	6.70	6.29
MN/T/AA	mg/L	0.07	0.04	0.36	0.02
HG/T/CVAA	mg/L	<0.0005	<0.0005	<0.0005	<0.0005
NI/T/AA	mg/L	0.19	0.08	0.36	<0.07
SE/T/AA	mg/L	0.0011	<0.001	0.0043	<0.001
AG/T/AA	mg/L	<0.0005	<0.0005	0.0006	<0.0005
NA/T/FLAA	mg/L	1380	283	3440	32.7
TL/T/AA	mg/L	<0.001	<0.001	<0.001	<0.001
ZN/T/FLAA	mg/L	0.03	0.03	0.05	0.02

NOTE: N. R. = ANALYSIS NOT REQUIRED

LABORATORY DIRECTOR



# PASCO COUNTY, FLORIDA

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QC REPORT FOR RESOURCE RECOVERY 12/05/95

QA/QC for SAMPLE Nos: 41160, 41161, 41162, 41163,  
Page 1

Analyte	LAB ID	Precision Data				Accuracy Data	Reference Sample Data			
		Replicate A	Replicate B	Range	RPD %	% Spike Recovery	Reference Sample ID	Target	Found	% Recovery
ALKALINITY,BICARB. EPA310.1 mg/l	41163	304	305	1.0	0.33	-----	QC#3414	190	191	100.30
TOT.ORGANIC CARBON EPA 415.1 mg/L	41202	-----	-----	-----	-----	96.60	KHP	4.000	3.906	97.65
		-----	-----	-----	-----	-----	KHP	19.000	18.170	95.63
CHLORIDE EPA 325.3 mg/L	41128	15935	15920	15	0.09	-----	STD	60.00	59.66	99.40
	41160	6216	6232	16	0.26	-----	-----	-----	-----	-----
	41242	-----	-----	-----	-----	94.60	-----	-----	-----	-----
AMMONIA NITROGEN SM4500NH3E mg/L	41160	-----	-----	-----	-----	90.46	NH3 STD	8.000	7.892	98.65
UN-IONIZED AMMONIA N DEP SOP mg/L	NO DUPLICATE, SPIKE, OR REFERENCE SAMPLES FOR THIS ANALYSIS									
TOTAL ORGANIC N CALC-351.3 mg/L	41160	8.46	8.06	0.40	4.84	87.30	-----	-----	-----	-----
NITRATE/NITRITE EPA 353.2 mg/l	41157	-----	-----	-----	-----	107.79	N03 STD	4.000	3.789	94.72



# PASCO COUNTY, FLORIDA

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QC REPORT FOR RESOURCE RECOVERY 12/05/95

QA/QC for SAMPLE Nos: 41160, 41161, 41162, 41163,  
Page 2

Analyte	LAB ID	Precision Data				Accuracy Data	Reference Sample Data			
		Replicate A	Replicate B	Range	RPD %	% Spike Recovery	Reference Sample ID	Target	Found	% Recovery
TOTAL NITROGEN CALC. MG/L		NO DUPLICATE, SPIKE, OR REFERENCE SAMPLES FOR THIS ANALYSIS								
OIL AND GREASE EPA413.1 mg/l	9967	40.2	37.4	2.8	7.22	-----	9967	49.2	40.2	81.70
PH,LAB EPA150.1 std units	41161	8.00	8.01	0.010	0.12	-----	-----	-----	-----	-----
TOTAL PHENOLS 420.1,2,3 mg/L		NO DUPLICATE, SPIKE, OR REFERENCE SAMPLES FOR THIS ANALYSIS								
TOTAL DISS.SOLIDS EPA160.1 mg/L	41194	175	166	9.0	5.28	-----	STD	293	305	104.00
SPEC.CONDUCTIVITY EPA120.1 umhos	41161	3510	3519	9.0	0.26	-----	-----	-----	-----	-----
SULFATE EPA375.4 mg/L	41163 41209	----- 84.1	----- 83.7	----- 0.40	----- 0.48	----- -----	96.50 STD	20.00 -----	20.3 -----	101.60 -----



# PASCO COUNTY, FLORIDA

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QC REPORT FOR RESOURCE RECOVERY 12/05/95

QA/QC for SAMPLE Nos: 41160, 41161, 41162, 41163,  
Page 3

Analyte	LAB ID	Precision Data				Accuracy Data	Reference Sample Data		
		Replicate A	Replicate B	Range	RPD %	% Spike Recovery	Reference Sample ID	Target	Found
TURBIDITY EPA180.1 NTU	41161	1.51	1.5	0.010	0.66	-----	-----	-----	-----
TOTAL ORGANIC HALIDES SM 506 mg/l	NO DUPLICATE, SPIKE, OR REFERENCE SAMPLES FOR THIS ANALYSIS								
ANTIMONY, TOTAL 204.2 mg/L	41160	28.1	27.8	0.30	1.07	92.40	-----	-----	-----
ARSENIC, TOTAL 206.2 mg/L	41160	2.78	2.60	0.18	6.69	102.60	-----	-----	-----
BERYLLIUM, TOTAL 210.2 mg/L	41160	0.25	0.17	0.080	38.10	114.00	-----	-----	-----
CADMIUM, TOTAL 213.2 mg/L	41161	0.51	0.58	0.070	12.84	102.60	-----	-----	-----
CALCIUM, TOTAL 215.1 mg/L	41160	11.00	11.00	0	0.00	102.30	-----	-----	-----



# PASCO COUNTY, FLORIDA

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QC REPORT FOR RESOURCE RECOVERY 12/05/95

QA/QC for SAMPLE Nos: 41160, 41161, 41162, 41163,  
Page 4

Analyte	LAB ID	Precision Data			Accuracy Data		Reference Sample Data			
		Replicate A	Replicate B	Range	RPD %	% Spike Recovery	Reference Sample ID	Target	Found	% Recovery
CHROMIUM, TOTAL 218.2 mg/L	41160	1.44	1.63	0.19	12.38	98.00	-----	-----	-----	-----
COPPER, TOTAL 220.2 mg/L	41160	0.05	0.05	0	0.00	100.00	-----	-----	-----	-----
IRON, TOTAL 236.2 mg/L	41160	.159	.155	0.0040	2.55	100.00	-----	-----	-----	-----
LEAD, TOTAL 239.2 mg/L	41160	.159	.155	0.0040	2.55	100.00	-----	-----	-----	-----
MAGNESIUM, TOTAL 242.1 mg/L	41160	0.015	0.015	0	0.00	102.20	-----	-----	-----	-----
MANGANESE, TOTAL 243.2 mg/L	41160	359	352	7.0	1.97	94.50	-----	-----	-----	-----
MERCURY, TOTAL 245.1 mg/L	41160	0.30	0.28	0.020	6.90	96.40	-----	-----	-----	-----



# PASCO COUNTY, FLORIDA

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QC REPORT FOR RESOURCE RECOVERY 12/05/95

QA/QC for SAMPLE Nos: 41160, 41161, 41162, 41163,  
Page 5

Analyte	LAB ID	Precision Data			Accuracy Data	Reference Sample Data				
		Replicate A	Replicate B	Range	RPD %	% Spike Recovery	Reference Sample ID	Target	Found	% Recovery
NICKEL, TOTAL 249.2 mg/L	41160	189	185	4.0	2.14	101.50	-----	-----	-----	-----
SELENIUM, TOTAL 270.2 mg/L	41160	1.29	1.03	0.26	22.41	98.30	-----	-----	-----	-----
SILVER, TOTAL 272.2 mg/L	41160	0.42	0.50	0.080	17.39	107.80	-----	-----	-----	-----
SODIUM, TOTAL 273.1 mg/L	14322 41322	5.50	5.53	0.030	0.54	----- 98.50	----- -----	----- -----	----- -----	----- -----
THALLIUM, TOTAL 279.2 mg/L	41160 41160	<0.001	<0.001	0.00050	0.00	85.40 85.40	----- -----	----- -----	----- -----	----- -----
ZINC, TOTAL 289.1 mg/L	41160	0.031	0.031	0	0.00	103.60	-----	-----	-----	-----





# PASCO COUNTY, FLORIDA

DATE, TIME, ANALYST REPORT

ANALYSIS	METHOD	ANALYSIS		ANALYST
		DATE	TIME	
AG/T/AA	272.2	10/27/95	1650	TER
AS/T/AA	206.2	10/27/95	1030	TER
BE/T/AA	210.2	10/27/95	1600	TER
BICARB. ALK	EPA310.1	10/24/95	1400	JK
CA/T/FLAA	215.1	10/30/95	1015	TER
CD/T/AA	213.2	10/27/95	1200	TER
CL-	EPA 325.3	10/20/95	1000	JK
COND	EPA120.1	10/17/95	1645	CSC
COND, FIELD	EPA 120.1	10/17/95	1030	CHR
CR/T/AA	218.2	10/27/95	1320	TER
CU/T/AA	220.2	10/25/95	1020	TER
DO, FIELD	EPA 360.1	10/17/95	1030	CHR
FE/T/AA	236.2	10/25/95	1100	TER
FIELD TEMP	EPA 170.1	10/17/95	1030	CHR
HG/T/CVAA	245.1	10/30/95	1600	TER
MG/T/FLAA	242.1	10/30/95	1100	TER
MN/T/AA	243.2	10/25/95	1340	TER
NA/T/FLAA	273.1	10/30/95	1000	TER
NH3	SM4500NH3E	10/19/95	1000	IF
NH3-UNION	EPA 350.1	10/25/95	1000	CEM
NI/T/AA	249.2	10/25/95	1050	TER
NO2+N03	EPA 353.2	10/23/95	1600	IF
O+G	EPA413.1	10/24/95	1400	TER
PB/T/AA	239.2	10/25/95	1100	TER
PH	EPA150.1	10/17/95	1645	CSC
PH, FIELD	EPA 150.0	10/17/95	1030	CHR
PHENOLS	420.1,2,3	11/06/95		TOX
SB/T/AA	204.2	10/27/95	1430	TER
SE/T/AA	270.2	10/27/95	1000	TER
SO4	EPA375.4	10/19/95	1400	JK
TDS	EPA160.1	10/24/95	1500	JK
TL/T/AA	279.2	10/27/95	1520	TER
TN	CALC.	10/30/95	1500	CEM
TOC	EPA 415.1	10/19/95	1300	IF
TON	CALC-351.3	10/26/95	1600	TER
TOX	SM 506	11/06/95		TOX
TURB	EPA180.1	10/17/95	1645	CSC
ZN/T/FLAA	289.1	10/25/95	1035	TER



# BROWNE & ROOT TESTING LABORATORY, INC.

4416 N.E. 11TH AVE., FORT LAUDERDALE, FLORIDA 33308



**RECEIVED**  
DEC 19 1995  
Department of Environmental Protection  
Southwest District  
66418

Date: 10/23/95 Report #: 9824724

Laboratory ID: SW SECONDARY @ RES REC  
Date Collected: 10/17/95  
Time Collected: NOT AVAILABLE

Client: PASCO COUNTY UTILITIES  
ATTN: CANDY MULHERN  
8864 GOVERNMENT DR.

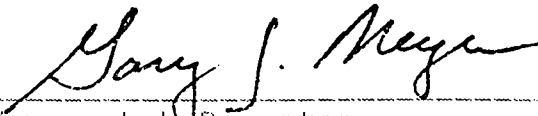
NEW PORT RICHEY, FL 34654- COLLECTED BY CHRIS CHILDRESS

Date received at lab: 10/18/95 Time received at lab: 12:45

NOTE: "\*" The MCL (Maximum Contaminant Level) or an established guideline has been exceeded for this contaminant.  
"ND" This contaminant was not detected at or above our stated detection limit.

Fed Analysis Id # Performed	MCL	Sample Number	Analysis Result	Method	MDL	Anal Date
1030 Lead	0.015	9824724	0.0012	239.2	0.0004	10/18/95

These test results may be used for compliance purposes as required.

  
\_\_\_\_\_  
Gary Meyer, Lab Director



**BROWARD TESTING LABORATORIES, INC.**

4416 N.E. 11TH AVE., FORT LAUDERDALE, FLORIDA 33334



Date: 10/23/95      Report #: 9824740      Laboratory ID #: 86418

Client: PASCO COUNTY UTILITIES  
ATTN: CANDY MULHERN  
8864 GOVERNMENT DR.

Date Collected: 10/18/95  
Time Collected: 08:40  
ID: RESOURCE RECOVERY

NEW PORT RICHEY, FL 34654-      SW SECONDARY

Date received at lab: 10/19/95      Time received at lab: 11:10

ALL PARAMETERS WERE SUBCONTRACTED TO TOXICON. REPORTS ATTACHED.

These test results may be used for compliance purposes as required.

  
\_\_\_\_\_  
Gary Meyer, Lab Director





# BROWARD TESTING LABORATORY, INC.

4416 N.E. 11TH AVE., FORT LAUDERDALE, FLORIDA 33334



Date: 11/06/95      Report #: 9824824      Laboratory ID #: 86418

Client: PASCO COUNTY UTILITIES	Date Collected: 10/24/95
ATTN: CANDY MULHERN	Time Collected: 10:25
8864 GOVERNMENT DR.	SOURCE: RESOURCE RECOVERY LEACHATE
NEW PORT RICHEY, FL 34654-	SW PRIMARY
	pH 6.56
	TEMP 26.6

Date received at lab: 10/25/95	Time received at lab: 10:55
Collected by : CC	

ENVIRONMENTAL LABORATORY CERTIFICATION NUMBER 86035  
 LABORATORY PARAMETER ANALYSIS REPORT

Analysis Performed	Method	Analysis Result (mg/l)	Anal Date
--------------------	--------	------------------------	-----------

TOX AND PHENOLS WERE SUBCONTRACTED TO TOXICON, REPORTS ATTACHED.

\_\_\_\_\_  
 Gary Meyer, Lab Director

Received: 10/19/95

Results by Sample

SAMPLE ID <u>BTL 982-4740</u>	SAMPLE # <u>06</u> FRACTIONS: <u>A</u>
	Date & Time Collected <u>10/18/95</u> Category <u>LIQUID</u>
PHENOL <u>ND</u> TOX <u>0.18</u>	
mg/L DL=0.010 mg/L DL=0.05	

SAMPLE ID <u>BTL 982-4741</u>	SAMPLE # <u>07</u> FRACTIONS: <u>A</u>
	Date & Time Collected <u>10/18/95</u> Category <u>LIQUID</u>
PHENOL <u>ND</u> TOX <u>0.21</u>	
mg/L DL=0.010 mg/L DL=0.05	

SAMPLE ID <u>METHOD BLANK</u>	SAMPLE # <u>08</u> FRACTIONS: <u>A</u>
	Date & Time Collected <u>10/18/95</u> Category <u>QC</u>
PHENOL <u>ND</u>	
mg/L DL=0.010	

Received: 10/25/95

Results by Sample

SAMPLE ID	MEAN % RECOVERY-LCS	SAMPLE #	FRACTIONS:	Date & Time Collected	Category
PHENOL	102	05	A	not specified	QC
	%				



**BROWARD TESTING LABORATORY, INC.**

4416 N.E. 11TH AVE., FORT LAUDERDALE, FLORIDA 33334



**REC-10**  
DEC 19 1995

Department of Environmental Protection  
SOUTHWEST DISTRICT  
BY Laboratory ID #: 86418

Date: 10/23/95 Report #: 9824726

Client: PASCO COUNTY UTILITIES  
ATTN: CANDY MULHERN  
8864 GOVERNMENT DR.

Date Collected: 10/17/95  
Time Collected: NOT AVAILABLE  
ID: SW PRIMARY @ RES REC

NEW PORT RICHEY, FL 34654- COLLECTED BY CHRIS CHILDRESS

Date received at lab: 10/18/95 Time received at lab: 12:45

NOTE: "\*" The MCL (Maximum Contaminant Level) or an established guideline has been exceeded for this contaminant.  
"ND" This contaminant was not detected at or above our stated detection limit.

Fed Analysis Id # Performed	MCL	Sample Number	Analysis Result	Method	MDL	Anal Date
1030 Lead	0.015	9824726	<0.0004	239.2	0.0004	10/18/95

These test results may be used for compliance purposes as required.

Gary Meyer, Lab Director

SAMPLE ID <u>BTL 982 4823</u>	SAMPLE # <u>02</u> FRACTIONS: <u>A</u>
Date & Time Collected <u>10/24/95</u> Category <u>LIQUID</u>	
PHENOL <u>0.291</u> TOX <u>ND</u>	
mg/L DL=0.010 mg/L DL=0.50	

SAMPLE ID <u>BTL 982 4824</u>	SAMPLE # <u>03</u> FRACTIONS: <u>A</u>
Date & Time Collected <u>10/24/95</u> Category <u>LIQUID</u>	
PHENOL <u>0.057</u> TOX <u>ND</u>	
mg/L DL=0.010 mg/L DL=0.50	

SAMPLE ID <u>METHOD BLANK</u>	SAMPLE # <u>04</u> FRACTIONS: <u>A</u>
Date & Time Collected <u>not specified</u> Category <u>QC</u>	
PHENOL <u>ND</u>	
mg/L DL=0.010	



Received: 10/25/95

Results by Sample

SAMPLE ID <u>RPD-LCS</u>	SAMPLE # <u>06</u> FRACTIONS: <u>A</u>
	Date & Time Collected <u>not specified</u> Category <u>QC</u>
PHENOL <u>2.0</u>	
	%



# BROWARD TESTING LABORATORY, INC.

4416 N.E. 11TH AVE., FORT LAUDERDALE, FLORIDA 33334



Department of Environmental Protection  
SOUTHWEST DISTRICT

Date: 10/23/95 Report #: 9824723

BY Laboratory ID #: 86418

Client: PASCO COUNTY UTILITIES  
ATTN: CANDY MULHERN  
8864 GOVERNMENT DR.

Date Collected: 10/17/95  
Time Collected: NOT AVAILABLE  
ID: A-1 SECONDARY @ RES REC

NEW PORT RICHEY, FL 34654- COLLECTED BY CHRIS CHILDRESS

Date received at lab: 10/18/95

Time received at lab: 12:45

NOTE: "\*" The MCL (Maximum Contaminant Level) or an established guideline has been exceeded for this contaminant.  
"ND" This contaminant was not detected at or above our stated detection limit.

Fed Analysis Id # Performed	MCL	Sample Number	Analysis Result	Method	MDL	Anal Date
1030 Lead	0.015	9824723	0.0016	239.2	0.0004	10/18/95

These test results may be used for compliance purposes as required.

Gary Meyer, Lab Director



**BROWARD TESTING LABORATORY, INC.**

4416 N.E. 11TH AVE., FORT LAUDERDALE, FLORIDA 33334



Date: 10/23/95      Report #: 9824741      Laboratory ID #: 86418

Client: PASCO COUNTY UTILITIES  
ATTN: CANDY MULHERN  
8864 GOVERNMENT DR.


Date Collected: 10/18/95  
Time Collected: 08:20  
ID: RESOURCE RECOVERY LEACHATE

NEW PORT RICHEY, FL 34654-      A1 SECONDARY

Date received at lab: 10/19/95      Time received at lab: 11:10

ALL PARAMETERS WERE SUBCONTRACTED TO TOXICON. REPORTS ATTACHED.

These test results may be used for compliance purposes as required.

  
\_\_\_\_\_  
Gary Meyer, Lab Director



SAMPLE ID <u>BTL 982-4740</u>	SAMPLE # <u>06</u> FRACTIONS: <u>A</u>
Date & Time Collected <u>10/18/95</u> Category <u>LIQUID</u>	
PHENOL <u>ND</u> TOX <u>0.18</u>	
mg/L DL=0.010	mg/L DL=0.05

SAMPLE ID <u>BTL 982-4741</u>	SAMPLE # <u>07</u> FRACTIONS: <u>A</u>
Date & Time Collected <u>10/18/95</u> Category <u>LIQUID</u>	
PHENOL <u>ND</u> TOX <u>0.21</u>	
mg/L DL=0.010	mg/L DL=0.05

SAMPLE ID <u>METHOD BLANK</u>	SAMPLE # <u>08</u> FRACTIONS: <u>A</u>
Date & Time Collected <u>10/18/95</u> Category <u>QC</u>	
PHENOL <u>ND</u>	
mg/L DL=0.010	

**BROWNE TESTING LABORATORIES, INC.**

4416 N.E. 11TH AVE. FORT LAUDERDALE, FLORIDA 33334

**RECEIVED**  
DEC 19 1995

Date: 10/23/95 Report #: 8824725 Laboratory ID #: 86418

Client: PASCO COUNTY UTILITIES BY Department of Environmental Protection  
ATTN: CANDY MULHERN Date Collected: 10/17/95  
8864 GOVERNMENT DR. Time Collected: NOT AVAILABLE  
ID: A-1 PRIMARY @ RES REC

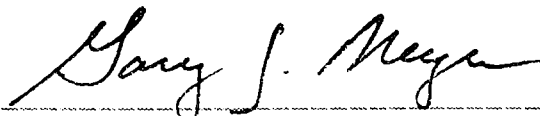
NEW PORT RICHEY, FL 34654- COLLECTED BY CHRIS CHILDRESS

Date received at lab: 10/18/95 Time received at lab: 12:45

NOTE: "\*" The MCL (Maximum Contaminant Level) or an established guideline has been exceeded for this contaminant.  
"ND" This contaminant was not detected at or above our stated detection limit.

Fed Analysis Id # Performed	MCL	Sample Number	Analysis Result	Method	MDL	Anal Date
1030 Lead	0.015	9824725	0.0033	239.2	0.0004	10/18/95

These test results may be used for compliance purposes as required.



Gary Meyer, Lab Director



# BROWA TESTING LABORATORY INC.

4416 N.E. 11TH AVE., FORT LAUDERDALE, FLORIDA 33334



Date: 11/06/95      Report #: 9824823      Laboratory ID #: 86418

Client: PASCO COUNTY UTILITIES  
ATTN: CANDY MULHERN  
8864 GOVERNMENT DR.  
NEW PORT RICHEY, FL 34654-

Date Collected: 10/24/95  
Time Collected: 09:55  
SOURCE: RESOURCE RECOVERY LEACHATE  
A-1 PRIMARY  
FIELD pH 7.01  
TEMP. 27.4

Date received at lab: 10/25/95  
Collected by : C.C.

Time received at lab: 10:55

## ENVIRONMENTAL LABORATORY CERTIFICATION NUMBER 86035 LABORATORY PARAMETER ANALYSIS REPORT

Analysis Performed	Method	Analysis Result (mg/l)	Anal Date
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TOX & PHENOLS WERE SUBCONTRACTED TO TOXICON, REPORTS ATTACHED.

Gary Meyer, Lab Director

Received: 10/25/95

Results by Sample

SAMPLE ID <u>BTL 982 4823 / A-1 10</u>	SAMPLE # <u>02</u> FRACTIONS: <u>A</u>
	Date & Time Collected <u>10/24/95</u> Category <u>LIQUID</u>
PHENOL <u>0.291</u> TOX <u>ND</u>	
mg/L DL=0.010 mg/L DL=0.50	
SAMPLE ID <u>BTL 982 4824</u>	SAMPLE # <u>03</u> FRACTIONS: <u>A</u>
	Date & Time Collected <u>10/24/95</u> Category <u>LIQUID</u>
PHENOL <u>0.057</u> TOX <u>ND</u>	
mg/L DL=0.010 mg/L DL=0.50	
SAMPLE ID <u>METHOD BLANK</u>	SAMPLE # <u>04</u> FRACTIONS: <u>A</u>
	Date & Time Collected <u>not specified</u> Category <u>QC</u>
PHENOL <u>ND</u>	
mg/L DL=0.010	