



PASCO COUNTY, FLORIDA

DADE CITY (904) 521-4274
NEW PORT RICHEY (813) 847-8902

UTILITIES SERVICES BRANCH
PASCO COUNTY GOVT. COMPLEX
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

January 17, 1996

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

D.E.P.
JAN 22 1996
SOUTHWEST
TAMPA

RE: West Pasco Class III
Leachate Analysis

Dear Ms. Amram:

Enclosed please find analytical results for analysis conducted on the leachate from the Class III Landfill. 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,

A handwritten signature in cursive script, appearing to read "Candia E. Mulhern".

Candia E. Mulhern
Laboratory Manager

CEM/as

Enclosure

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

Florida Department of Environmental Protection

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

GROUND WATER MONITORING REPORT

Rule 62-522.600(11)

JAN 22 1996

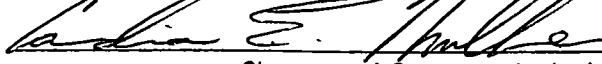
SOUTHWEST DISTRICT
TAMPA

PART I GENERAL INFORMATION

- (1) Facility Name Hays Road Class III Landfill
Address 1275 Hays Road
City Spring Hill, FL Zip 34610
Telephone Number () _____
- (2) The GMS Identification Number 4051M30035
- (3) DEP Permit Number S051-182279
- (4) Authorized Representative Name Candia E. Mulhern
Address 8864 Government Drive
City New Port Richey, FL 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: 01/12/96 
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 #1-86137 & 86418 Env. 86035
- Lab Name Pasco County Environmental Laboratory
- Address 8864 Government Drive, New Port Richey, FL 34654
- Phone Number (813) 847-8902

PART III ANALYTICAL RESULTS

Facility GMS #: 4051M30035 Sampling Date/Time: 12/12/95 @ 1020
 Test Site ID #: NA Report Period: 1995 / Quarter IV
 (year/quarter)
 Well Name: Tank #1 Well Purged (Y/N): YES
 Classification of Groundwater: NA Well Type: () Background
 () Intermediate
 Groundwater Elevation (NGVD): _____ () Compliance
 () Other
 or (MSL): NA

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	12/14/95 0836	<0.15 mg/L	0.15 mg/L
000940	Chloride	"	"	SM 4500Cl-B	12/13/95 1000	338 mg/L	0.15 mg/L
000400	pH-Field	"	"	EPA 150.1	12/12/95 1020	6.43 Std. Units	0.01 Std. Units
070300	Total Dis. Solids	"	"	SM 2540C	12/13/95 1400	2120 mg/L	1 mg/L
000344	Dissolved Oxygen	"	"	SM 4500 O G	12/12/95 1020	0.12 mg/L	0.01 mg/L
000410	Bicarbonate	"	"	EPA 310.1	12/13/95 1330	1180 mg/L	1 mg/L
000095	Specific Cond. (Field)	"	"	SM 2510B	12/12/95 1020	2716 µmhos/cm	0.00 µmhos/cm
000010	Temperature (Field)	"	"	SM 2550B	12/12/95 1020	20.45 °C	0 °C
000610	Ammonia	"	"	EPA 350.1	12/15/95 1600	12.0 mg/L	0.07 mg/L
900216	Color	"	"	EPA 110.2	12/13/95 1630	130 PCU	0.0 PCU
001045	Iron	"	"	EPA 236.1	12/15/95 0920	0.20 mg/L	0.001 mg/L
000929	Sodium	"	"	EPA 273.1	12/13/95 1500	216 mg/L	0.01 mg/L
071900	Mercury	"	"	EPA 245.1	12/18/95 1530	0.0007 mg/L	0.0005 mg/L
000612	NH ₄ -N	"	"	DEP SOP 10/03/83	12/22/95 1600	0.02 mg/L	0.02 mg/L

*Attach Laboratory Reports

PART III ANALYTICAL RESULTS

Facility GMS #: 4051M30035 Sampling Date/Time: 12/12/95 @ 1000
 Test Site ID #: NA Report Period: 1995 / Quarter IV
 (year/quarter)
 Well Name: Tank #2 Well Purged (Y/N): YES
 Classification of Groundwater: NA Well Type: () Background
 () Intermediate
 Groundwater Elevation (NGVD): _____ () Compliance
 () Other
 or (MSL): NA

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	12/14/95 0836	5.04 mg/L	0.15 mg/L
000940	Chloride	"	"	SM 4500C1-B	12/13/95 1000	78.8 mg/L	0.15 mg/L
000400	pH-Field	"	"	EPA 150.1	12/12/95 1000	6.91 Std. Units	0.01 Std. Units
070300	Total Dis. Solids	"	"	SM 2540C	12/13/95 1400	716 mg/L	1 mg/L
000344	Dissolved Oxygen	"	"	SM 4500 O G	12/12/95 1000	1.01 mg/L	0.01 mg/L
000410	Bicarbonate	"	"	EPA 310.1	12/13/95 1330	405 mg/L	1 mg/L
000095	Specific Cond. (Field)	"	"	SM 2510B	12/12/95 1000	1005 µmhos/cm	0.00 µmhos/cm
000010	Temperature (Field)	"	"	SM 2550B	12/12/95 1000	20.18 °C	0 °C
000610	Ammonia	"	"	EPA 350.1	12/15/95 1600	8.07 mg/L	0.07 mg/L
900216	Color	"	"	EPA 110.2	12/13/95 1630	180 PCU	0.0 PCU
001045	Iron	"	"	EPA 236.1	12/15/95 0920	0.40 mg/L	0.001 mg/L
000929	Sodium	"	"	EPA 273.1	12/13/95 1500	44.7 mg/L	0.01 mg/L
071900	Mercury	"	"	EPA 245.1	12/18/95 1530	0.0011 mg/L	0.0005 mg/L
000612	NH ₄ -N	"	"	DEP SOP 10/03/83	12/22/95 1600	0.03 mg/L	0.02 mg/L

*Attach Laboratory Reports



PASCO COUNTY, FLORIDA

REPORT OF ANALYSES

CLASS III LANDFILL
HAYS ROAD
SHADY HILLS, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: LEACHATE QIV 95
DATE: 01/05/96
DHRS # 44237, E44123

WEST PASCO CLASS III LANDFILL LEACHATE - QTR IV 1995 (Page 1 of 1)

LAB No.	SAMPLE			DELIVERY TO LAB	
	DATE	TIME	SAMPLER	DATE	TIME MATRIX
42741	12/12/95	1020	CHRIS CHILDRESS	12/12/95	1600 LE
42742	12/12/95	1000	CHRIS CHILDRESS	12/12/95	1600 LE

CLIENT STATION ID:	LEACHATE TANK #	LEACHATE TANK #
	1	2
LAB #:	42741	42742

FIELD PH	STD. UNITS	6.43	6.91
FIELD TEMPERATURE	DEGREES C	20.45	20.18
FIELD CONDUCTIVITY	umhos/cm	2716	1005
DISSOLVED OXYGEN, FIELD	mg/L	0.12	1.01
ALKALINITY, BICARB.	mg/l	1180	405
CHLORIDE	mg/L	338	78.8
COLOR	PCU	130	180
AMMONIA NITROGEN	mg/L	12.0	8.07
UN-IONIZED AMMONIA N	mg/L	0.02	0.03
NITRATE/NITRITE	mg/l	<0.15	5.04
PH, LAB	std units	6.91	7.51
TOTAL DISS. SOLIDS	mg/L	2120	716
SPEC. CONDUCTIVITY	umhos	1970	768
IRON, TOTAL	mg/L	0.20	0.40
MERCURY, TOTAL	mg/L	0.0007	0.0011
SODIUM, TOTAL	mg/L	216	44.7

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

QC REPORT FOR CLASS III LANDFILL 01/05/96

QA/QC for SAMPLE Nos: 42741, 42742.

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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,8ICARB. EPA310.1 mg/l	42742	405	406	1.0	0.25	-----	QC#9967	152	151	99.30
CHLORIDE EPA 325.3 mg/L	42741 42742	338 -----	314 -----	24 -----	7.36 -----	----- 100.90	STD -----	60.00 -----	56.75 -----	94.60 -----
COLOR EPA 110.2 PCU	42742	180	200	20	10.53	-----	-----	-----	-----	-----
AMMONIA NITROGEN SM4500NH3E mg/L	42742	8.067	8.182	0.12	1.42	92.09 ----- -----	NH3 STD NH3 STD NH3 STD	8.000 8.000 8.000	7.344 7.907 7.446	91.80 98.76 93.08

UN-IONIZED AMMONIA N
DEP SOP
mg/L

NO DUPLICATE, SPIKE, OR REFERENCE SAMPLES FOR THIS ANALYSIS

NITRATE/NITRITE
EPA 353.2
mg/l

NO DUPLICATE, SPIKE, OR REFERENCE SAMPLES FOR THIS ANALYSIS

PH,LAB
EPA150.1
std units

NO DUPLICATE, SPIKE, OR REFERENCE SAMPLES FOR THIS ANALYSIS



PASCO COUNTY, FLORIDA

QC REPORT FOR CLASS III LANDFILL 01/05/96

QA/QC for SAMPLE Nos: 42741, 42742.

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 DISS.SOLIDS EPA160.1 mg/L	42737	155	150	5.0	3.28	-----	STD	293	297	101.40
SPEC.CONDUCTIVITY EPA120.1 umhos	NO DUPLICATE, SPIKE, OR REFERENCE SAMPLES FOR THIS ANALYSIS									
IRON, TOTAL 236.2 mg/L	42741	.297	.294	0.0030	1.02	102.20	-----	-----	-----	-----
MERCURY, TOTAL 245.1 mg/L	42742	1.09	1.11	0.020	1.82	100.00	-----	-----	-----	-----
SODIUM, TOTAL 273.1 mg/L	42741	10.83	10.78	0.050	0.46	99.30	-----	-----	-----	-----



PASCO COUNTY, FLORIDA

DATE, TIME, ANALYST REPORT

ANALYSIS	METHOD	ANALYSIS		ANALYST
		DATE	TIME	
BICARB. ALK	EPA310.1	12/13/95	1330	JK
CL-	EPA 325.3	12/13/95	1000	JK
COLOR	EPA 110.2	12/13/95	1630	JK
COND	EPA120.1	12/12/95	1620	CSC
COND, FIELD	EPA 120.1	12/12/95	1000	CHR
DO, FIELD	EPA 360.1	12/12/95	1000	CHR
FE/T/AA	236.2	12/15/95	0920	TER
FIELD TEMP	EPA 170.1	12/12/95	1000	CHR
HG/T/CVAA	245.1	12/18/95	1530	TER
NA/T/FLAA	273.1	12/13/95	1500	TER
NH3	SM4500NH3E	12/15/95	1600	IF
NH3-UNION	DEP SOP	12/22/95	1600	CEM
NO2+N03	EPA 353.2	12/14/95	0836	IF
PH	EPA150.1	12/12/95	1625	CSC
PH, FIELD	EPA 150.0	12/12/95	1000	CHR
TDS	EPA160.1	12/13/95	1400	JK