



PASCO COUNTY, FLORIDA

WACS 45799
QIII 1995 GWMR

DADE CITY (904) 521-4274
LAND O' LAKES (813) 996-7341
NEW PORT RICHEY (813) 847-8902

ENVIRONMENTAL LABORATORY
PASCO COUNTY GOVT. COMPLEX
7530 LITTLE ROAD
NEW PORT RICHEY, FL 34654

October 20, 1995

Ms. Allison Amram
Environmental Specialist III
Florida Department of
Environmental Protection
Waste Management Section
3804 Coconut Palm Dr.
Tampa, FL 33619-8318

RECEIVED

OCT 23 1995

Solid Waste Section

RE: Groundwater Monitoring Analyses

4051M30035

Dear Ms. Amram:

Enclosed are the groundwater monitoring analyses from Monitoring Wells 2MW3, 4MW3, 2MW7, 4MW7, 2MW8, 4MW8, 2MW9, 4MW9, and 2MW10 at the Hays Road Class III Landfill for the Quarter III (July-September) sampling period.

Since no MCL exceedences were detected during this sampling period, no summary table is included. Finally, the required groundwater table contour map is presently being constructed and will be submitted under separate cover.

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

Sincerely,

Candia E. Mulhern
Laboratory Manager

CEM/DLH/r101902/56:ltr

Enclosures

cc: Chongman Lee, Florida Department of Environmental Protection, Waste Management Section, Twin Towers Bldg., 2600 Blair Stone Road, Tallahassee, FL 32399-2400
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

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

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)

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: 10/15/95 : 
 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 #1-86137 & 86418 Env. 86035

Lab Name Pasco County Environmental Laboratory

Address 8864 Government Drive, New Port Richey, FL 34654

Phone Number (813) 847-8902



PASCO COUNTY, FLORIDA

REPORT OF ANALYSES

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

PROJECT NAME: CL III GWM QIII
 DATE: 08/09/95
 DHRS # 54237, E44123

~~(4051 CL)~~

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LAB No.	SAMPLE			DELIVERY TO LAB	
	DATE	TIME	SAMPLER	DATE	TIME MATRIX
37930	07/05/95	1410	CHRIS CHILDRESS	07/05/95	1535 WA
37931	07/05/95	1015	CHRIS CHILDRESS	07/05/95	1535 WA
37932	07/05/95	1110	CHRIS CHILDRESS	07/05/95	1535 WA
37933	07/05/95	1255	CHRIS CHILDRESS	07/05/95	1535 WA

CLIENT STATION ID:	CL III 4MW3A	CL III 4MW7	CL III 4MW8	CL III 4MW9
LAB #:	37930	37931	37932	37933
	<i>6322</i>	<i>622</i>	<i>33</i>	<i>34</i>
H2O LEVEL FEET	-28.6	27.38	29.15	26.98
PH, FIELD STD. UNITS	-7.35	7.21	7.27	7.19
FIELD TEMP DEGREES C	-25.2	25.1	25.1	25.4
COND, FIELD umhos/cm	-339	222	271	334
DO, FIELD mg/L	-1.6	2.4	1.0	0.7
BICARB. ALK mg/l	-146	111	137	157
TOC mg/L	-14.6	7.63	11.3	15.0
CL- mg/L	-23.7	6.2	6.3	16.3
FECAL MF MF/100 ml	<1	<1	<1	<1
NH3 mg/L	-0.16	<0.07	<0.07	<0.07
NH3-UNION mg/L	<0.02	<0.02	<0.02	<0.02
NO3 mg/L	-<0.02	0.20	0.02	0.55
PH std units	7.16	7.30	7.21	7.08
TEMP., LAB degrees C	13.1	8.7	7.7	8.8
TDS mg/L	221	136	151	226
COND umhos	314	201	243	313
SO4 mg/L	-2.76	3.55	<1	3.50
TURB NTU	-1.17	0.61	0.89	0.32
FE/T/AA mg/L	-0.19	0.02	0.08	0.05

LABORATORY DIRECTOR *Adrian E. Pulhe*



PASCO COUNTY, FLORIDA

REPORT OF ANALYSES

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

PROJECT NAME: CL III GWM QIII
DATE: 08/09/95
DHRS # 54237, E44123

(Page 2 of 2)

LAB No.	SAMPLE			DELIVERY TO LAB		
	DATE	TIME	SAMPLER	DATE	TIME	MATRIX
37930	07/05/95	1410	CHRIS CHILDRESS	07/05/95	1535	WA
37931	07/05/95	1015	CHRIS CHILDRESS	07/05/95	1535	WA
37932	07/05/95	1110	CHRIS CHILDRESS	07/05/95	1535	WA
37933	07/05/95	1255	CHRIS CHILDRESS	07/05/95	1535	WA

CLIENT STATION ID:	CL III 4MW3A	CL III 4MW7	CL III 4MW8	CL III 4MW9
LAB #:	37930	37931	37932	37933
NA/T/FLAA mg/L	6.25	3.56	3.55	5.39

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

QC REPORT FOR CLASS III LANDFILL 08/09/95

QA/QC for SAMPLE Nos: 37930, 37931, 37932, 37933,
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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, BICARB. EPA310.1 mg/l	37933	157	158	1.0	0.63	-----	QC#9964	131	124	95.00
TOT. ORGANIC CARBON EPA 415.1 mg/L	37932	-----	-----	-----	-----	98.59	KHP	5.000	5.402	108.04
		-----	-----	-----	-----	-----	KHP	20.000	20.580	102.90
CHLORIDE EPA 325.3 mg/L	37930	23.7	23.8	0.10	0.42	-----	STD	60.00	60.80	101.30
		-----	-----	-----	-----	-----	STD	60.00	59.3	98.80
		-----	-----	-----	-----	-----	STD	60.00	59.00	98.30
FECAL COLIFORM MF 909C MF/100 ml	37930	<1	<1	0.50	0.00	-----	-----	-----	-----	-----
AMMONIA NITROGEN SM4500NH3E mg/L	NO DUPLICATE, SPIKE, OR REFERENCE SAMPLES FOR THIS ANALYSIS									
UN-IONIZED AMMONIA N EPA 350.1 mg/L	NO DUPLICATE, SPIKE, OR REFERENCE SAMPLES FOR THIS ANALYSIS									
NITRATE EPA 353.2 mg/L	37933	0.548	0.549	0.0010	0.18	-----	NO3 STD	1.000	1.060	106.00



PASCO COUNTY, FLORIDA

QC REPORT FOR CLASS III LANDFILL 08/09/95

QA/QC for SAMPLE Nos: 37930, 37931, 37932, 37933,

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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
PH, LAB EPA150.1 std units	37933	7.08	7.06	0.020	0.28	-----	-----	-----	-----	-----
TEMPERATURE, LAB EPA 150.1 degrees C	37933	8.8	8.9	0.10	1.13	-----	-----	-----	-----	-----
TOTAL DISS.SOLIDS EPA160.1 mg/L	37933	226	227	1.0	0.44	-----	STD	293	299	102.00
SPEC.CONDUCTIVITY EPA120.1 umhos	37933	313	319	6.0	1.90	-----	-----	-----	-----	-----
SULFATE EPA375.4 mg/L	37930	-----	-----	-----	-----	101.60	STD	20.00	21.1	105.30
		-----	-----	-----	-----	-----	STD	20.00	20.9	104.40
TURBIDITY EPA180.1 NTU	37933	0.32	0.33	0.010	3.08	-----	-----	-----	-----	-----
IRON, TOTAL 236.2 mg/L										

NO DUPLICATE, SPIKE, OR REFERENCE SAMPLES FOR THIS ANALYSIS



PASCO COUNTY, FLORIDA

QC REPORT FOR CLASS III LANDFILL 08/09/95

QA/QC for SAMPLE Nos: 37930, 37931, 37932, 37933,

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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
SODIUM, TOTAL 273.1 mg/L	37930	6.24	6.27	0.030	0.48	100.00	-----	-----	-----	-----



PASCO COUNTY, FLORIDA

DATE, TIME, ANALYST REPORT

ANALYSIS	METHOD	ANALYSIS		ANALYST
		DATE	TIME	
BICARB. ALK	EPA310.1	07/07/95	1400	JK
CL-	EPA 325.3	07/07/95	1100	JK
CL-	EPA 325.3	07/13/95	1100	JK
COND	EPA120.1	07/05/95	1530	CSC
COND, FIELD	EPA 120.1	07/05/95	1015	CHR
DO, FIELD	EPA 360.1	07/05/95	1015	CHR
FE/T/AA	236.2	07/26/95	0915	TER
FECAL MF	909C	07/05/95	1620	MGR
FIELD TEMP	EPA 170.1	07/05/95	1015	CHR
H2O LEVEL	FIELD	07/05/95	1015	CHR
NA/T/FLAA	273.1	07/26/95	0945	TER
NH3	EPA350.1	07/06/95	1600	TER
NH3-UNION	EPA 350.1	07/07/95	0800	CEM
NO3	EPA 353.2	07/05/95	1630	IF
PH	EPA150.1	07/05/95	1530	CSC
PH, FIELD	EPA 150.0	07/05/95	1015	CHR
SO4	EPA375.4	07/14/95	1400	JK
TDS	EPA160.1	07/12/95	1500	JK
TEMP., LAB	EPA 150.1	07/05/95	1530	CSC
TOC	EPA 415.1	07/11/95	1300	IF
TURB	EPA180.1	07/05/95	1530	CSC