



PASCO COUNTY, FLORIDA

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

December 2, 1994

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

RECEIVED
DEC 06 1994

Department of Environmental Protection
SOUTHWEST DISTRICT
BY _____

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 at the Hays Road Resource Recovery site. Also included is the QA/QC data associated with this analysis. This completes the Quarter IV 1994 monitoring requirement.

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

Sincerely,

Candia E. Mulhern
Laboratory Manager

CEM/mr

Enclosure

cc: Douglas S. Bramlett, Assistant County Administrator (Utilities Services)
Robert J. Sigmond, Utilities Fiscal Services/Special Projects Director



PASCO COUNTY, FLORIDA

REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: ROBERT TIETZ

PROJECT NAME: RR LEACHATE QIV
DATE: 11/17/94
DHRS # 54237, E44123

RESOURCE RECOVERY LEACHATE - QUARTER IV 1994 (Page 1 of 2)

LAB No.	SAMPLE		SAMPLER	DELIVERY TO LAB	
	DATE	TIME		DATE	TIME MATRIX
29307	10/13/94	1500	CHRIS CHILDRESS	10/13/94	1530 LE
29308	10/13/94	1440	CHRIS CHILDRESS	10/13/94	1530 LE

CLIENT STATION ID: A-1 PRIMARY RES A-1 SECONDARY R
REC ES REC
LAB #: 29307 29308

	STD. UNITS	7.47	7.64
FIELD PH		7.47	7.64
FIELD TEMPERATURE	DEGREES C	28.10	27.70
FIELD CONDUCTIVITY	umhos/cm	11337	2170
DISSOLVED OXYGEN, FIELD	mg/L	0.2	3.2
ALKALINITY, BICARB.	mg/l	142	234
TOT. ORGANIC CARBON	mg/L	19.3	33.5
CHLORIDE	mg/L	10385	639
AMMONIA NITROGEN	mg/L	7.18	<0.07
UN-IONIZED AMMONIA N	mg/L	0.08	<0.02
TOTAL ORGANIC N	mg/L	2.90	1.02
NITRATE/NITRITE	mg/l	<0.10	<0.10
TOTAL NITROGEN	MG/L	10.2	1.02
OIL AND GREASE	mg/l	<3	<3
PH, LAB	std units	7.55	7.94
TOTAL DISS. SOLIDS	mg/L	25000	1780
SPEC. CONDUCTIVITY	umhos	23200	2080
SULFATE	mg/L	514	28.7
TURBIDITY	NTU	3.51	0.48
ANTIMONY, TOTAL	mg/L	0.0145	<0.001

LABORATORY DIRECTOR



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RESOURCE RECOVERY LEACHATE - QUARTER IV 1994 (Page 2 of 2)

LAB No.	SAMPLE		SAMPLER	DELIVERY TO LAB	
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29308	10/13/94	1440	CHRIS CHILDRESS	10/13/94	1530 LE

LAB #:	A-1 PRIMARY RES	A-1 SECONDARY R
	REC	ES REC
	29307	29308

ARSENIC, TOTAL	mg/L	0.0049	0.0011
BERYLLIUM, TOTAL	mg/L	<0.0005	<0.0005
CADMIUM, TOTAL	mg/L	0.0006	<0.0005
CALCIUM, TOTAL	mg/L	6523	911
CHROMIUM, TOTAL	mg/L	0.0026	0.001
COPPER, TOTAL	mg/L	0.06	0.02
IRON, TOTAL	mg/L	0.19	0.15
LEAD, TOTAL	mg/L	0.0012	<0.001
MAGNESIUM, TOTAL	mg/L	6.40	12.2
MANGANESE, TOTAL	mg/L	0.03	<0.01
MERCURY, TOTAL	mg/L	<0.0005	<0.0005
NICKEL, TOTAL	mg/L	0.13	<0.07
SELENIUM, TOTAL	mg/L	<0.001	<0.001
SILVER, TOTAL	mg/L	0.0019	<0.0005
SODIUM, TOTAL	mg/L	955	120
THALLIUM, TOTAL	mg/L	<0.001	<0.001
ZINC, TOTAL	mg/L	0.02	0.01

LABORATORY DIRECTOR