



Easton Childs
Governor

Florida Department of Environmental Protection

Southwest District
3301 Coconut Palm Drive
Tampa, Florida 33619
813-744-6100

Virginia B. Wedberell
Secretary

FAX TRANSMITTAL SHEET

9-2-94
Date

TO: Kathy Anderson
 DEPT.: Solid Waste
 FAX #: 904/921-8061

FROM: Allison
 DEPT.: D.E.P., Tampa Office Solid Waste
 PHONE: 813-744-6100 or SunCom 542-6100 Ext. 336
FAX(local) 744-6125 or (SunCom) 542-6125

SUBJECT: Pasco Resource Recovery - Leachate 9/24/93

COMMENT: Sample date was 7/15/93. I don't have
older data -- they were not required
to submit it -- but they may have
some.

AA
Have a great, long weekend!

TOTAL NUMBER OF PAGES, INCLUDING COVER PAGE: 5

RECEIVED BY: _____
PHONE: _____

Sampled 7/15/93



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

September 23, 1993

D.E.P.

SEP 24 1993

SOUTHWEST DISTRICT
TAMPA

Ms. Allison Amram
Florida Department of
Environmental Protection
Solid Waste Department
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 at the Hays Road Resource Recovery site. Also included is the QA/QC data associated with this analysis. This completes the Quarter III 1993 monitoring requirement.

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

Sincerely,

Candia E. Mulhern
Laboratory Supervisor

CEM/mr

Enclosure

cc: Douglas S. Bramlett, Assistant County Administrator (Utilities Services)
Robert J. Sigmond, Utilities Solid Waste/Fiscal Services Director
Robert J. Tietz, Utilities Construction and Maintenance Director



PASCO COUNTY, FLORIDA

D.E.P.

SEP 24 1993

SOUTHWEST DISTRICT
TAMPA

REPORT OF ANALYSES

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

DATE: 09/22/93
DHRS # 54237, E44123

RESOURCE RECOVERY ASH CELL LEACHATE - QIII 1993 (Page 1 of 2)

LAB NO.	SAMPLE		SAMPLER	DELIVERY TO LAB	
	DATE	TIME		DATE	TIME MATRIX
10444	07/15/93	1030	CHRIS CHILDRESS	07/15/93	LE
16445	07/15/93	1000	CHRIS CHILDRESS	07/15/93	LE

CLIENT STATION ID: A-1 PRIMARY A-1 SECONDARY
LAB #: 16444 16445

ALKALINITY, BICARB.	mg/l	206	248
TOT. ORGANIC CARBON	mg/L	70.35	28.62
CHLORIDE	mg/L	29050	837
AMMONIA NITROGEN	mg/L	28.31	0.10
UN-IONIZED AMMONIA N	mg/L	0.764	<0.02
TOTAL ORGANIC N	mg/L	1.87	0.73
NITRATE/NITRITE	mg/l	<0.10	0.422
TOTAL NITROGEN	MG/L	30.9	1.25
OIL AND GREASE	mg/l	<3	<3
PH, LAB	std units	6.92	7.88
TOTAL PHENOLS	mg/L	0.053	0.002
TOTAL DISS. SOLIDS	mg/L	62000 ✓	2820
SPEC. CONDUCTIVITY	umhos	60000	2460
SULFATE	mg/L	221.7	8.5
TURBIDITY	NTU	68.5	0.71
TOTAL ORGANIC HALIDES	mg/l	1.06	0.210
ANTIMONY, TOTAL	mg/L	0.0056	<0.001
ARSENIC, TOTAL	mg/L	0.0042	<0.001
BERYLLIUM, TOTAL	mg/L	<0.0005	<0.0005

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

D.E.P.

SEP 24 1993

SOUTHWEST DISTRICT
TAMPA

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RESOURCE RECOVERY ASH CELL LEACHATE - QIII 1993 (Page 2 of 2)

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16445	07/15/93	1000	CHRIS CHILDRESS	07/15/93	LE

CLIENT STATION ID:	A-1 PRIMARY	A-1 SECONDARY
LAB #:	16444	16445

ANALYTE	UNIT	A-1 PRIMARY	A-1 SECONDARY
CADMIUM, TOTAL	mg/L	0.0009	<0.0005
CALCIUM, TOTAL	mg/L	11800	505
CHROMIUM, TOTAL	mg/L	0.0017	0.0012
COPPER, TOTAL	mg/L	0.19	<0.02
IRON, TOTAL	mg/L	0.64	0.13
LEAD, TOTAL	mg/L	<0.001	<0.001
MAGNESIUM, TOTAL	mg/L	5.57	5.56
MANGANESE, TOTAL	mg/L	0.38	0.01
MERCURY, TOTAL	mg/L	<0.0005	<0.0005
NICKEL, TOTAL	mg/L	0.45	<0.07
SELENIUM, TOTAL	mg/L	0.005	<0.001
SILVER, TOTAL	mg/L	0.0012	<0.0005
SODIUM, TOTAL	mg/L	5800	150
THALLIUM, TOTAL	mg/L	<0.001	<0.001
ZINC, TOTAL	mg/L	0.14	0.03

LABORATORY DIRECTOR 



PASCO COUNTY, FLORIDA

D.E.P.

SEP 24 1993

SOUTHWEST DISTRICT
TAMPA

DATE, TIME, ANALYST REPORT

ANALYSIS	METHOD	ANALYSIS		ANALYST
		DATE	TIME	
AG/T/AA	272.2	07/27/93	1700	TER
AS/T/AA	206.2	07/28/93	1200	TER
BE/T/AA	210.2	07/28/93	0850	TER
BJ.CARB. ALK	EPA310.1	07/16/93	1000	JK
CA/T/FLAA	215.1	07/30/93	1030	TER
CD/T/AA	213.2	07/28/93	0950	TER
CL-	EPA 325.3	07/16/93	1000	JK
COND	EPA120.1	07/15/93	1600	JK
CR/T/AA	218.2	07/27/93	1545	TER
CU/T/AA	220.2	07/28/93	1620	TER
FE/T/AA	236.2	07/30/93	0950	TER
HG/T/CVAA	245.1	07/27/93	1000	TER
MG/T/FLAA	242.1	07/30/93	1110	TER
MN/T/AA	243.2	07/30/93	1130	TER
NA/T/FLAA	273.1	07/30/93	0905	TER
NH3	EPA350.1	07/22/93	1600	TER
NH3-UNION	EPA 350.1	08/04/93	1400	CEM
NI/T/AA	249.2	07/30/93	1210	TER
NO2+N03	EPA 353.2	07/16/93	1050	CEM
O+G	EPA413.1	09/14/93	1400	TER
PB/T/AA	239.2	07/28/93	1100	TER
PH	EPA150.1	07/15/93	1600	JK
PHENOLS	420.1,2,3	08/05/93	0800	DH
SB/T/AA	204.2	07/28/93	1415	TER
SE/T/AA	270.2	07/28/93	1245	TER
SO4	EPA375.4	07/22/93	1200	JK
TDS	EPA160.1	07/22/93	1500	JK
TL/T/AA	279.2	07/28/93	1500	TER
TN	CALC.	08/04/93	1400	CEM
TOC	EPA 415.1	07/20/93	0900	IF
TON	CALC-351.3	07/22/93	1600	TER
TOX	SM 506	07/20/93	0800	JT
TURB	EPA180.1	07/15/93	1600	JK
ZN/T/FLAA	289.1	07/30/93	1150	TER