RESOURCE RECOVERY FACILITY
4051C00030

PASCO COUNTY, FLORIDA

WACS 45799
1ST SA 1998 LEACHATE RESULTS
CLASS I

DADE CITY (352) 511-4274
LAND O' LAKES (813) 996-7341
NEW PORT RICHEY (813) 847-8145

UTILITES SERVICES BRANCH
PUB. WKS./UTILITIES BLDG. S-213
7530 LITTLE ROAD
NEW PORT RICHEY, FL 34654

27 May 1998

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

RE: West Pasco Class I Sanitary Landfill
Leachate Monitoring
Semester I, 1998

Dear Ms. Amram:

Enclosed please find the analytical results for the parameters listed in 62-701(8)(c) Florida Administrative Code conducted on the four leachate tanks at the West Pasco Class I Sanitary Landfill. These results are submitted for the first semester sampling period (Jan-Jun). The next sampling event for this facility is scheduled for July, 1998.

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

Sincerely,

Candia E. Mulhern
Laboratory Manager

Enc.: 1
cc: Chongman Lee, Florida Department of Environmental Protection, Waste Management Section, Twin Towers Bldg., 2600 Blair Stone Road, Tallahassee, Florida 32399-2400
Douglas S. Bramlett, Assistant County Administrator (Utilities Services)
Robert J. Sigmond, Utilities Fiscal Services/Special Projects Director
Vincent Mannella, Solid Waste Facility Manager

RECEIVED
JUN - 1 1998
Solid Waste Section

DEP Form # 62-522.900(2)

Form Title GROUND WATER MONITORING REPORT

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 Resource Recovery - West Pasco Class I Landfill

Address Hays Road

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: 06 Feb '98 Candia E. Mulhern

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

FIRST COAST ENVIRONMENTAL LABORATORY, INC.

DEP Form # 62-522.900(2)
Form Title GROUND WATER MONITORING REPORT
Effective Date _____
DEP Application No. _____

BROWARD LAB # _____ FCEL LAB # 9801-271

Florida Department of Environmental Protection
Twin Towers Office Bldg. -- 2600 Blair Rd., Tallahassee, FL 32399-2400
GROUND WATER MONITORING REPORT
Rule 62-522.600(11)

PART I - GENERAL INFORMATION

(1) Facility Name: Res Rec - Class I Landfill

Address: _____

City, State, Zip: _____

Telephone Number: _____

(2) The GMS Identification #: _____

(3) DEP Permit #: _____

(4) Authorized Representative Name: _____

Address: _____

City, State, Zip: _____

Telephone Number: _____

(5) Type of Discharge: _____

(6) Method of Discharge: _____

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.

27 May '98 _____
Date: Signature of Owner or Authorized Representative

PART II - QUALITY ASSURANCE REQUIREMENTS

Sample Organization Comp QAP # _____

Analytical Lab Comp QAP # / HRS Cert. # 870222 / E82102 / 82110

Comp QAP # / HRS Cert. # _____

Lab Name: BROWARD TESTING LABORATORY

Address: 4416 N.E. 11TH AVENUE

City, State, Zip: FT. LAUDERDALE, FLORIDA 33334

Telephone Number: 1-216/449-2525

8818 Arlington Expressway • Jacksonville, Florida 32211
(904) 725-4847 • Fax (904) 725-2215

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030 — Sampling Date/Time: 01/27/98 @ 1155

Test Site ID #: NA — Report Period: 1998 / Quarter I (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): 7/35

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	SM 4500NO_3F	01/28/98 1600	<0.11	mg/L	0.11	mg/L
000940	Chloride	"	"	SM 4500Cl-B	02/03/98 1500	33,595	mg/L	0.15	mg/L
000400	pH-Field	"	"	SM 4500H+B	01/27/98 1155	7.93	Std. Units	0.01	Std. Units
070300	Total Dis. Solids	"	"	SM 2540C	01/27/98 1600	71,900	mg/L	1	mg/L
000344	Dissolved Olygen	"	"	SM 4500 O G	01/27/98 1155	0.26	mg/L	1	mg/L
000410	Bicarbonate	"	"	SM 2320B	01/27/98 1600	211	mg/L	1	mg/L
000095	Specific Cond. (Field)	"	"	SM 2510B	01/27/98 1155	80,400	µmhos/cm	0.00	µmhos/cm
000010	Temperature (Field)	"	"	SM 2550B	01/27/98 1155	26.54	°C	0	°C
000610	Ammonia	"	"	SM 4500NH_3H	02/03/98 1100	42.1	mg/L	0.03	mg/L
001045	Iron	"	"	SM 3113B	01/30/98 0930	0.73	mg/L	0.001	mg/L
000929	Sodium	"	"	SM 3111B	01/30/98 1050	8,420	mg/L	0.01	mg/L
071900	Mercury	"	"	SM 3112B	02/04/98 1110	0.0008	mg/L	0.0002	mg/L

*Attach Laboratory Reports

mo/g021623

PART III - ANALYTICAL RESULTS
FCEL LAB# 9801-271

Facility GMS #: _____ Sampling Date/Time: 1/27/98 @ 11:55

Test Site ID #: _____ Report Period: 1998 1ST QUARTER (Year/Quarter)

WELL NAME: A1-PRIMAR Y Well Type( ) Background

Classification of Ground Water: _____ ( ) Intermediate

Ground Water Elevation (NGVD): _____ ( ) Compliance

or (MSL): _____ ( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	Analysis Results/ Units (mg/l)	Detection Limits/ Units (mg/l)
00010	Temperature (field)					degree,C	degree, C
00400	pH (field)					Std.Units	Std.Units
	Water Level Elev.					Ft. NGVD	Ft.NGVD
00094	Specific Cond. (field)					µmhos/cm	µmhos/cm
01097	Antimony			EPA 204.2	02/06/98	<0.0013	0.0013
01002	Arsenic			EPA 206.2	02/21/98	< 0.0148	0.0148
01007	Barium			EPA 200.7	02/13/98	1.098	0.0048
01012	Beryllium			EPA 200.7	02/13/98	0.0020	0.0016
01027	Cadmium			EPA 213.2	02/04/98	<0.000068	0.000068
01034	Chromium			EPA 200.7	02/12/98	0.180	0.022
01037	Cobalt			EPA 200.7	02/13/98	0.176	0.011
01042	Copper			EPA 200.7	01/29/98	0.040	0.0029
01051	Lead			EPA 239.2	01/31/98	<0.0002	0.0002
01067	Nickel			EPA 200.7	02/13/98	0.309	0.028
01147	Selenium			EPA 270.2	02/10/98	<0.016	0.016
01077	Silver			EPA 200.7	01/29/98	0.026	0.0033
01057	Thallium			EPA 279.2	02/05/98	<0.00078	0.00078
01085	Vanadium			EPA 200.7	02/12/98	0.355	0.0088
71900	Mercury			EPA 245.1	02/10/98	0.0002	0.000029
01102	Tin			EPA 200.7	03/31/98	0.588	0.078
01092	Zinc			EPA 200.7	02/13/98	0.224	0.0032
00720	Cyanide			EPA 335.2	01/29/98	0.060	0.010

PART III - ANALYTICAL RESULTS (Continued) FCEL LAB # 9801-271

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	Analysis Results/ Units (µg/l)	Detection Limits/ Units (µg/l)
81552	Acetone			EPA 8260A	02/02/98	ND	0.330
34215	Acrylonitrile			EPA 8260A	02/02/98	ND	0.483
34235	Benzene			EPA 8260A	02/02/98	ND	0.147
N/A	Bromochloromethane			EPA 8260A	02/02/98	ND	0.5
32101	Bromodichloromethane			EPA 8260A	02/02/98	ND	0.300
32104	Bromoform			EPA 8260A	02/02/98	ND	0.226
77041	Carbon disulfide			EPA 8260A	02/02/98	ND	0.459
32102	Carbon tetrachloride			EPA 8260A	02/02/98	ND	0.316
34301	Chlorobenzene			EPA 8260A	02/02/98	ND	0.234
34311	Chloroethane			EPA 8260A	02/02/98	ND	0.148
32106	Chloroform			EPA 8260A	02/02/98	ND	0.104
32105	Dibromochloromethane			EPA 8260A	02/02/98	ND	0.185
38761	1,2-Dibromo-3-chloropropane			EPA 504	02/02/98	ND	0.013
77651	1,2-Dibromoethane			EPA 504	02/02/98	ND	0.014
34537	o-Dichlorobenzene			EPA 8260A	02/02/98	ND	0.365
34571	p-Dichlorobenzene			EPA 8260A	02/02/98	ND	0.298
49263	trans-1,4-Dichloro-2-butene			EPA 8260A	02/02/98	ND	0.221
34496	1,1-Dichloroethane			EPA 8260A	02/02/98	ND	0.275
32103	1,2-Dichloroethane			EPA 8260A	02/02/98	ND	0.128
34502	1,1-Dichloroethene			EPA 8260A	02/02/98	ND	0.128
81686	cis-1,2-Dichloroethene			EPA 8260A	02/02/98	ND	0.253
34546	trans-1,2-Dichloroethene			EPA 8260A	02/02/98	ND	0.195
34541	1,2-Dichloropropane			EPA 8260A	02/02/98	ND	0.147
34704	cis-1,3-Dichloropropene			EPA 8260A	02/02/98	ND	0.157
34699	trans-1,3-Dichloropropene			EPA 8260A	02/02/98	ND	0.198
78113	Ethylbenzene			EPA 8260A	02/02/98	ND	0.173
77103	2-Hexanone			EPA 8260A	02/02/98	ND	0.494
34413	Methyl bromide			EPA 8260A	02/02/98	ND	0.177

PART III – ANALYTICAL RESULTS (Continued) 9801-271

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	Analysis Results/ Units (µg/l)	Detection Limits/ Units (µg/l)
34418	Methyl chloride			EPA 8260A	02/02/98	ND	0.155
77596	Methylene bromide			EPA 8260A	02/02/98	ND	0.347
34423	Methylene chloride			EPA 8260A	02/02/98	ND	0.282
81595	Methyl ethyl ketone			EPA 8260A	02/02/98	ND	0.154
49262	Methyl iodide			EPA 8260A	02/02/98	ND	0.506
78133	4-Methyl-2-pentanone			EPA 8260A	02/02/98	ND	0.520
77128	Styrene			EPA 8260A	02/02/98	ND	0.213
77562	1,1,1,2-Tetrachloroethane			EPA 8260A	02/02/98	ND	0.192
34516	1,1,2,2-Tetrachloroethane			EPA 8260A	02/02/98	ND	0.200
34476	Tetrachloroethene			EPA 8260A	02/02/98	ND	0.188
78131	Toluene			EPA 8260A	02/02/98	ND	0.249
34506	1,1,1-Trichloroethane			EPA 8260A	02/02/98	ND	0.296
34511	1,1,2-Trichloroethane			EPA 8260A	02/02/98	ND	0.115
34485	Trichloroethene			EPA 8260A	02/02/98	ND	0.183
34488	Trichlorofluoromethane			EPA 8260A	02/02/98	ND	0.423
77443	1,2,3-Trichloropropane			EPA 8260A	02/02/98	ND	0.137
77057	Vinyl acetate			EPA 8260A	02/02/98	ND	0.483
39175	Vinyl chloride			EPA 8260A	02/02/98	ND	0.205
81551	Xylenes			EPA 8260A	02/02/98	ND	0.108

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	Analysis Results/ Units (µg/l)	Detection Limits/ Units (µg/l)
34205	Acenaphthene			EPA 8270A	02/18/98	ND	2.5
34200	Acenaphthylene			EPA 8270A	02/18/98	ND	2.5
N/A	Acetonitrile			EPA 8270A	02/18/98	ND	0.5
81553	Acetophenone			EPA 8270A	02/18/98	ND	2.5
N/A	2-Acetylaminofluorene			EPA 8270A	02/18/98	ND	0.5
34210	Acrolein			EPA 8260A	02/02/98	ND	0.5
39330	Aldrin			EPA 8080	02/19/98	ND	0.0125
78109	Allyl chloride			EPA 8260A	02/02/98	ND	0.5
N/A	4-Aminobiphenyl			EPA 8270A	02/18/98	ND	50
34220	Anthracene			EPA 8270A	02/18/98	ND	2.5
34527	Benzo(a)anthracene			EPA 8270A	02/18/98	ND	2.5
34230	Benzo(b)fluoranthene			EPA 8270A	02/18/98	ND	2.5
34242	Benzo(k)fluoranthene			EPA 8270A	02/18/98	ND	2.5
34521	Benzo(ghi)perylene			EPA 8270A	02/18/98	ND	2.5
34247	Benzo(a)pyrene			EPA 8270A	02/18/98	ND	2.5
77147	Benzyl alcohol			EPA 8270A	02/18/98	ND	2.5
34253	alpha-BHC			EPA 8080	02/19/98	ND	0.0125
34255	beta-BHC			EPA 8080	02/19/98	ND	0.0125
34259	delta-BHC			EPA 8080	02/19/98	ND	0.025
39340	gamma-BHC			EPA 8080	02/19/98	ND	0.0125
34278	Bis(2-chloroethoxy)methane			EPA 8270A	02/18/98	ND	2.5
34273	Bis(2-chloroethyl)ether			EPA 8270A	02/18/98	ND	2.5
34283	Bis(2-chloroisopropyl)ether			EPA 8270A	02/18/98	ND	2.5
39100	Bis(2-ethylhexyl)phthalate			EPA 8270A	02/18/98	ND	2.5
34636	4-Bromophenyl phenyl ether			EPA 8270A	02/18/98	ND	2.5
51003	Butyl benzyl phthalate			EPA 8270A	02/18/98	ND	2.5
39350	Chlordane			EPA 8080	02/19/98	ND	0.025
60037	p-Chloroaniline			EPA 8270A	02/18/98	ND	5
39460	Chlorobenzilate			EPA 8270A	02/18/98	ND	2.5

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	Analysis Results/ Units (µg/l)	Detection Limits/ Units (µg/l)
N/A	4-Chloro-3-methylphenol			EPA 8270A	02/18/98	ND	5
34581	2-Chloronaphthalene			EPA 8270A	02/18/98	ND	2.5
34586	2-Chlorophenol			EPA 8270A	02/18/98	ND	2.5
34641	4-Chlorophenyl phenyl ether			EPA 8270A	02/18/98	ND	2.5
34320	Chrysene			EPA 8270A	02/18/98	ND	2.5
N/A	3-Methylphenol			EPA 8270A	02/18/98	ND	2.5
77152	2-Methylphenol			EPA 8270A	02/18/98	ND	2.5
N/A	4-Methylphenol			EPA 8270A	02/18/98	ND	2.5
39730	2,4-D			EPA 8150	02/19/98	ND	2.5
39360	4,4'-DDD			EPA 8080	02/19/98	ND	0.0125
39365	4,4'-DDE			EPA 8080	02/19/98	ND	0.025
39370	4,4'-DDT			EPA 8080	02/19/98	ND	2.5
N/A	Diallate			EPA 8270A	02/18/98	ND	2.5
51004	Dibenzo(a,h)anthracene			EPA 8270A	02/18/98	ND	2.5
81302	Dibenzofuran			EPA 8270A	02/18/98	ND	2.5
39110	Di-n-butyl phthalate			EPA 8270A	02/18/98	ND	2.5
34631	3,3'-Dichlorobenzidine			EPA 8270A	02/18/98	ND	5
34601	2,4-Dichlorophenol			EPA 8270A	02/18/98	ND	2.5
77541	2,6-Dichlorophenol			EPA 8270A	02/18/98	ND	2.5
39380	Dieldrin			EPA 8080	02/19/98	ND	0.0125
34336	Diethyl phthalate			EPA 8270A	02/18/98	ND	2.5
N/A	0,0-Diethyl 0,2-pyrazinyl phosphorothioate			EPA 8270A	02/18/98	ND	5
46314	Dimethoate			EPA 8270A	02/18/98	ND	5
N/A	p-(Dimethylamino)azobenzene			EPA 8270A	02/18/98	ND	2.5
N/A	7,12-Dimethylbenz(a)anthracene			EPA 8270A	02/18/98	ND	2.5
N/A	3,3'-Dimethylbenzidine			EPA 8270A	02/18/98	ND	2.5
34606	2,4-Dimethylphenol			EPA 8270A	02/18/98	ND	2.5
34341	Dimethyl phthalate			EPA 8270A	02/18/98	ND	2.5
N/A	m-Dinitrobenzene			EPA 8270A	02/18/98	ND	5

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	Analysis Results/ Units (µg/l)	Detection Limits/ Units (µg/l)
51008	4,6-Dinitro-o-cresol			EPA 8270A	02/18/98	ND	12.5
34616	2,4-Dinitrophenol			EPA 8270A	02/18/98	ND	12.5
34611	2,4-Dinitrotoluene			EPA 8270A	02/18/98	ND	2.5
34626	2,6-Dinitrotoluene			EPA 8270A	02/18/98	ND	2.5
38779	Dinoseb			EPA 8150	02/19/98	ND	0.25
34596	Di-n-octyl phthalate			EPA 8270A	02/18/98	ND	2.5
77579	Diphenylamine			EPA 8270A	02/18/98	ND	2.5
81888	Disulfoton			EPA 8270A	02/18/98	ND	2.5
34361	Endosulfan I			EPA 8080	02/19/98	ND	0.0125
34356	Endosulfan II			EPA 8080	02/19/98	ND	0.0125
34351	Endosulfan sulfate			EPA 8080	02/19/98	ND	0.125
39390	Endrin			EPA 8080	02/19/98	ND	0.025
34366	Endrin aldehyde			EPA 8080	02/19/98	ND	0.05
N/A	Ethyl methanesulfonate			EPA 8270A	02/18/98	ND	5
38462	Famphur			EPA 8270A	02/18/98	ND	5
34376	Fluoranthene			EPA 8270A	02/18/98	ND	2.5
34381	Fluorene			EPA 8270A	02/18/98	ND	2.5
39410	Heptachlor			EPA 8080	02/19/98	ND	0.0125
39420	Heptachlor epoxide			EPA 8080	02/19/98	ND	0.25
39700	Hexachlorobenzene			EPA 8270A	02/18/98	ND	2.5
34391	Hexachlorobutadiene			EPA 8270A	02/18/98	ND	2.5
34386	Hexachlorocyclopentadiene			EPA 8270A	02/18/98	ND	2.5
34396	Hexachloroethane			EPA 8270A	02/18/98	ND	2.5
N/A	Hexachloropropene			EPA 8270A	02/18/98	ND	2.5
77033	Isobutyl alcohol			EPA 8260A	02/02/98	ND	0.5
39430	Isodrin			EPA 8270A	02/18/98	ND	5
34408	Isophorone			EPA 8270A	02/18/98	ND	2.5
N/A	Isosafrole			EPA 8270A	02/18/98	ND	2.5
81593	Methacrylonitrile			EPA 8260A	02/02/98	ND	0.5

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	Analysis Results/ Units (µg/l)	Detection Limits/ Units (µg/l)
N/A	Methapyrilene			EPA 8270A	02/18/98	ND	25
39480	Methoxychlor			EPA 8080	02/19/98	ND	0.05
N/A	3-Methylchlolanthrene			EPA 8270A	02/18/98	ND	2.5
81597	Methyl methacrylate			EPA 8260A	02/02/98	ND	0.5
N/A	Methyl methanesulfonate			EPA 8270A	02/18/98	ND	2.5
77416	2-Methylnaphthalene			EPA 8270A	02/18/98	ND	2.5
39600	Methyl parathion			EPA 8270A	02/18/98	ND	2.5
34696	Naphthalene			EPA 8270A	02/18/98	ND	2.5
N/A	1,4-Naphthoquinone			EPA 8270A	02/18/98	ND	2.5
N/A	1-Naphthylamine			EPA 8270A	02/18/98	ND	2.5
N/A	2-Naphthylamine			EPA 8270A	02/18/98	ND	2.5
N/A	2-Nitroaniline			EPA 8270A	02/18/98	ND	12.5
78300	3-Nitroaniline			EPA 8270A	02/18/98	ND	12.5
30342	4-Nitroaniline			EPA 8270A	02/18/98	ND	5
34447	Nitrobenzene			EPA 8270A	02/18/98	ND	2.5
34591	2-Nitrophenol			EPA 8270A	02/18/98	ND	2.5
34646	4-Nitrophenol			EPA 8270A	02/18/98	ND	12.5
N/A	n-Nitrosodi-n-butylamine			EPA 8270A	02/18/98	ND	12.5
78200	n-Nitrosodiethylamine			EPA 8270A	02/18/98	ND	5
34438	n-Nitrosodimethylamine			EPA 8270A	02/18/98	ND	5
34433	n-Nitrosodiphenylamine			EPA 8270A	02/18/98	ND	5
34428	n-Nitroso-n-dipropylamine			EPA 8270A	02/18/98	ND	2.5
N/A	n-Nitrosomethylethylamine			EPA 8270A	02/18/98	ND	2.5
N/A	n-Nitrosopiperidine			EPA 8270A	02/18/98	ND	5
78206	n-Nitrosopyrrolidine			EPA 8270A	02/18/98	ND	10
N/A	5-Nitro-o-toluidine			EPA 8270A	02/18/98	ND	2.5
39540	Parathion			EPA 8270A	02/18/98	ND	2.5
77793	Pentachlorobenzene			EPA 8270A	02/18/98	ND	2.5
81316	Pentachloronitrobenzene			EPA 8270A	02/18/98	ND	5

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	Analysis Results/ Units (µg/l)	Detection Limits/ Units (µg/l)
39032	Pentachlorophenol			EPA 8270A	02/18/98	ND	12.5
N/A	Phenacetin			EPA 8270A	02/18/98	ND	5
34461	Phenanthrene			EPA 8270A	02/18/98	ND	2.5
32730	Phenol			EPA 8270A	02/18/98	ND	2.5
N/A	p-Phenylenediamine			EPA 8270A	02/18/98	ND	2.5
46313	Phorate			EPA 8270A	02/18/98	ND	2.5
39516	PCBs			EPA 8080	02/19/98	ND	12.5
39080	Pronamide			EPA 8270A	02/18/98	ND	2.5
77007	Propionitrile			EPA 8260A	02/02/98	ND	0.5
34469	Pyrene			EPA 8270A	02/18/98	ND	2.5
77545	Safrole			EPA 8270A	02/18/98	ND	2.5
39760	Silvex			EPA 8150	02/19/98	ND	0.5
81520	Chloroprene			EPA 8260A	02/02/98	ND	0.5
00746	Sulfide			EPA 376.2	01/29/98	ND	0.1
39740	2,4,5-T			EPA 8150	02/19/98	ND	0.5
77734	1,2,4,5-Tetrachlorobenzene			EPA 8270A	02/18/98	ND	2.5
N/A	2,3,4,6-Tetrachlorophenol			EPA 8270A	02/18/98	ND	2.5
77142	o-Toluidine			EPA 8270A	02/18/98	ND	2.5
39400	Toxaphene			EPA 8080	02/19/98	ND	0.5
34551	1,2,4-Trichlorobenzene			EPA 8270A	02/18/98	ND	0.5
77687	2,4,5-Trichlorophenol			EPA 8270A	02/18/98	ND	2.5
34621	2,4,6-Trichlorophenol			EPA 8270A	02/18/98	ND	2.5
N/A	Triethyl phosphorothioate			EPA 8270A	02/18/98	ND	2.5
N/A	1,3,5-Trinitrobenzene			EPA 8270A	02/18/98	ND	2.5
77173	1,3-Dichloropropane			EPA 8260A	02/02/98	ND	0.5
77170	2,2-Dichloropropane			EPA 8260A	02/02/98	ND	0.5
77168	1,1-Dichloropropene			EPA 8260A	02/02/98	ND	0.5
34566	1,3-Dichlorobenzene			EPA 8260A	02/02/98	ND	0.5

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	Analysis Results/ Units (µg/l)	Detection Limits/ Units (µg/l)
34403	Indeno(1,2,3-cd)pyrene			EPA 8270A	02/18/98	ND	2.5
N/A	Kepone			EPA 8270A	02/18/98	ND	5
81597	Methyl methacrylate			EPA 8260A	02/02/98	ND	5

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030

Sampling Date/Time: 01/27/98 @ 1300

Test Site ID #:

Report Period: 1998 / Quarter I (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):

7/36

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	SM 4500NO_3F	01/28/98 1600	2.35	mg/L	0.11	mg/L
000940	Chloride	"	"	SM 4500Cl-B	02/03/98 1500	6,728	mg/L	0.15	mg/L
000400	pH-Field	"	"	SM 4500H+B	01/27/98 1300	7.40	Std. Units	0.01	Std. Units
070300	Total Dis. Solids	"	"	SM 2540C	01/27/98 1600	21,400	mg/L	1	mg/L
000344	Dissolved Olygen	"	"	SM 4500 O G	01/27/98 1300	1.40	mg/L	1	mg/L
000410	Bicarbonate	"	"	SM 2320B	01/27/98 1600	203	mg/L	1	mg/L
000095	Specific Cond. (Field)	"	"	SM 2510B	01/27/98 1300	21,000	µmhos/cm	0.00	µmhos/cm
000010	Temperature (Field)	"	"	SM 2550B	01/27/98 1300	20.73	°C	0	°C
000610	Ammonia	"	"	SM 4500NH_3H	02/03/98 1100	2.55	mg/L	0.03	mg/L
001045	Iron	"	"	SM 3113B	01/30/98 0930	0.19	mg/L	0.001	mg/L
000929	Sodium	"	"	SM 3111B	01/30/98 1050	1,700	mg/L	0.01	mg/L
071900	Mercury	"	"	SM 3112B	02/04/98 1110	<0.0002	mg/L	0.0002	mg/L

*Attach Laboratory Reports

mo/g021623

PART III - ANALYTICAL RESULTS
FCEL LAB# 9801-270

Facility GMS #: _____ Sampling Date/Time: 1/27/98 @ 13:00

Test Site ID #: _____ Report Period: 1998 1ST QUARTER (Year/Quarter)

WELL NAME: A1-SECONDARY Well Type( ) Background

Classification of Ground Water: _____ ( ) Intermediate

Ground Water Elevation (NGVD): _____ ( ) Compliance

or (MSL): _____ ( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	Analysis Results/ Units (mg/l)	Detection Limits/ Units (mg/l)
00010	Temperature (field)					degree,C	degree, C
00400	pH (field)					Std. Units	Std. Units
	Water Level Elev.					Ft. NGVD	Ft. NGVD
00094	Specific Cond. (field)					μmhos/cm	μmhos/cm
01097	Antimony			EPA 204.2	02/06/98	<0.0013	0.0013
01002	Arsenic			EPA 206.2	02/21/98	<0.00074	0.00074
01007	Barium			EPA 200.7	02/13/98	0.366	0.0048
01012	Beryllium			EPA 200.7	02/13/98	0.0164	0.0016
01027	Cadmium			EPA 213.2	02/04/98	0.060	0.000068
01034	Chromium			EPA 200.7	02/12/98	0.025	0.022
01037	Cobalt			EPA 200.7	02/13/98	0.121	0.011
01042	Copper			EPA 200.7	01/29/98	0.012	0.0029
01051	Lead			EPA 239.2	01/31/98	<0.0002	0.0002
01067	Nickel			EPA 200.7	02/13/98	0.082	0.028
01147	Selenium			EPA 270.2	02/10/98	0.120	0.0016
01077	Silver			EPA 200.7	01/29/98	<0.0033	0.0033
01057	Thallium			EPA 279.2	02/05/98	<0.00078	0.00078
01085	Vanadium			EPA 200.7	02/12/98	0.066	0.0088
71900	Mercury			EPA 245.1	02/10/98	0.00013	0.000029
01102	Tin			EPA 200.7	03/31/98	0.246	0.078
01092	Zinc			EPA 200.7	02/13/98	0.136	0.0032
00720	Cyanide			EPA 335.2	01/29/98	0.014	0.010

PART III - ANALYTICAL RESULTS (Continued) FCEL LAB # 9801-270

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	Analysis Results/ Units (µg/l)	Detection Limits/ Units (µg/l)
81552	Acetone			EPA 8260A	02/02/98	ND	0.330
34215	Acrylonitrile			EPA 8260A	02/02/98	ND	0.483
34235	Benzene			EPA 8260A	02/02/98	ND	0.147
N/A	Bromochloromethane			EPA 8260A	02/02/98	ND	0.5
32101	Bromodichloromethane			EPA 8260A	02/02/98	ND	0.300
32104	Bromoform			EPA 8260A	02/02/98	ND	0.226
77041	Carbon disulfide			EPA 8260A	02/02/98	ND	0.459
32102	Carbon tetrachloride			EPA 8260A	02/02/98	ND	0.316
34301	Chlorobenzene			EPA 8260A	02/02/98	ND	0.234
34311	Chloroethane			EPA 8260A	02/02/98	ND	0.148
32106	Chloroform			EPA 8260A	02/02/98	ND	0.104
32105	Dibromochloromethane			EPA 8260A	02/02/98	ND	0.185
38761	1,2-Dibromo-3-chloropropane			EPA 504	02/02/98	ND	0.013
77651	1,2-Dibromoethane			EPA 504	02/02/98	ND	0.014
34537	o-Dichlorobenzene			EPA 8260A	02/02/98	ND	0.365
34571	p-Dichlorobenzene			EPA 8260A	02/02/98	ND	0.298
49263	trans-1,4-Dichloro-2-butene			EPA 8260A	02/02/98	ND	0.221
34496	1,1-Dichloroethane			EPA 8260A	02/02/98	ND	0.275
32103	1,2-Dichloroethane			EPA 8260A	02/02/98	ND	0.128
34502	1,1-Dichloroethene			EPA 8260A	02/02/98	ND	0.128
81686	cis-1,2-Dichloroethene			EPA 8260A	02/02/98	ND	0.253
34546	trans-1,2-Dichloroethene			EPA 8260A	02/02/98	ND	0.195
34541	1,2-Dichloropropane			EPA 8260A	02/02/98	ND	0.147
34704	cis-1,3-Dichloropropene			EPA 8260A	02/02/98	ND	0.157
34699	trans-1,3-Dichloropropene			EPA 8260A	02/02/98	ND	0.198
78113	Ethylbenzene			EPA 8260A	02/02/98	ND	0.173
77103	2-Hexanone			EPA 8260A	02/02/98	ND	0.494
34413	Methyl bromide			EPA 8260A	02/02/98	ND	0.177

PART III - ANALYTICAL RESULTS (Continued) 9801-270

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	Analysis Results/ Units (µg/l)	Detection Limits/ Units (µg/l)
34418	Methyl chloride			EPA 8260A	02/02/98	ND	0.155
77596	Methylene bromide			EPA 8260A	02/02/98	ND	0.347
34423	Methylene chloride			EPA 8260A	02/02/98	ND	0.282
81595	Methyl ethyl ketone			EPA 8260A	02/02/98	ND	0.154
49262	Methyl iodide			EPA 8260A	02/02/98	ND	0.506
78133	4-Methyl-2-pentanone			EPA 8260A	02/02/98	ND	0.520
77128	Styrene			EPA 8260A	02/02/98	ND	0.213
77562	1,1,1,2-Tetrachloroethane			EPA 8260A	02/02/98	ND	0.192
34516	1,1,2,2-Tetrachloroethane			EPA 8260A	02/02/98	ND	0.200
34476	Tetrachloroethene			EPA 8260A	02/02/98	ND	0.188
78131	Toluene			EPA 8260A	02/02/98	ND	0.249
34506	1,1,1-Trichloroethane			EPA 8260A	02/02/98	ND	0.296
34511	1,1,2-Trichloroethane			EPA 8260A	02/02/98	ND	0.115
34485	Trichloroethene			EPA 8260A	02/02/98	ND	0.183
34488	Trichlorofluoromethane			EPA 8260A	02/02/98	ND	0.423
77443	1,2,3-Trichloropropane			EPA 8260A	02/02/98	ND	0.137
77057	Vinyl acetate			EPA 8260A	02/02/98	ND	0.483
39175	Vinyl chloride			EPA 8260A	02/02/98	ND	0.205
81551	Xylenes			EPA 8260A	02/02/98	ND	0.108

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	Analysis Results/ Units (µg/l)	Detection Limits/ Units (µg/l)
34205	Acenaphthene			EPA 8270A	02/18/98	ND	2.5
34200	Acenaphthylene			EPA 8270A	02/18/98	ND	2.5
N/A	Acetonitrile			EPA 8270A	02/18/98	ND	0.5
81553	Acetophenone			EPA 8270A	02/18/98	ND	2.5
N/A	2-Acetylaminofluorene			EPA 8270A	02/18/98	ND	0.5
34210	Acrolein			EPA 8260A	02/02/98	ND	0.5
39330	Aldrin			EPA 8080	02/19/98	ND	0.0125
78109	Allyl chloride			EPA 8260A	02/02/98	ND	0.5
N/A	4-Aminobiphenyl			EPA 8270A	02/18/98	ND	50
34220	Anthracene			EPA 8270A	02/18/98	ND	2.5
34527	Benzo(a)anthracene			EPA 8270A	02/18/98	ND	2.5
34230	Benzo(b)fluoranthene			EPA 8270A	02/18/98	ND	2.5
34242	Benzo(k)fluoranthene			EPA 8270A	02/18/98	ND	2.5
34521	Benzo(ghi)perylene			EPA 8270A	02/18/98	ND	2.5
34247	Benzo(a)pyrene			EPA 8270A	02/18/98	ND	2.5
77147	Benzyl alcohol			EPA 8270A	02/18/98	ND	2.5
34253	alpha-BHC			EPA 8080	02/19/98	ND	0.0125
34255	beta-BHC			EPA 8080	02/19/98	ND	0.0125
34259	delta-BHC			EPA 8080	02/19/98	ND	0.025
39340	gamma-BHC			EPA 8080	02/19/98	ND	0.0125
34278	Bis(2-chloroethoxy)methane			EPA 8270A	02/18/98	ND	2.5
34273	Bis(2-chloroethyl)ether			EPA 8270A	02/18/98	ND	2.5
34283	Bis(2-chloroisopropyl)ether			EPA 8270A	02/18/98	ND	2.5
39100	Bis(2-ethylhexyl)phthalate			EPA 8270A	02/18/98	ND	2.5
34636	4-Bromophenyl phenyl ether			EPA 8270A	02/18/98	ND	2.5
51003	Butyl benzyl phthalate			EPA 8270A	02/18/98	ND	2.5
39350	Chlordane			EPA 8080	02/19/98	ND	0.025
60037	p-Chloroaniline			EPA 8270A	02/18/98	ND	5
39460	Chlorobenzilate			EPA 8270A	02/18/98	ND	2.5

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	Analysis Results/ Units (µg/l)	Detection Limits/ Units (µg/l)
N/A	4-Chloro-3-methylphenol			EPA 8270A	02/18/98	ND	5
34581	2-Chloronaphthalene			EPA 8270A	02/18/98	ND	2.5
34586	2-Chlorophenol			EPA 8270A	02/18/98	ND	2.5
34641	4-Chlorophenyl phenyl ether			EPA 8270A	02/18/98	ND	2.5
34320	Chrysene			EPA 8270A	02/18/98	ND	2.5
N/A	3-Methylphenol			EPA 8270A	02/18/98	ND	2.5
77152	2-Methylphenol			EPA 8270A	02/18/98	ND	2.5
N/A	4-Methylphenol			EPA 8270A	02/18/98	ND	2.5
39730	2,4-D			EPA 8150	02/19/98	ND	2.5
39360	4,4'-DDD			EPA 8080	02/19/98	ND	0.0125
39365	4,4'-DDE			EPA 8080	02/19/98	ND	0.025
39370	4,4'-DDT			EPA 8080	02/19/98	ND	2.5
N/A	Diallate			EPA 8270A	02/18/98	ND	2.5
51004	Dibenzo(a,h)anthracene			EPA 8270A	02/18/98	ND	2.5
81302	Dibenzofuran			EPA 8270A	02/18/98	ND	2.5
39110	Di-n-butyl phthalate			EPA 8270A	02/18/98	ND	2.5
34631	3,3'-Dichlorobenzidine			EPA 8270A	02/18/98	ND	5
34601	2,4-Dichlorophenol			EPA 8270A	02/18/98	ND	2.5
77541	2,6-Dichlorophenol			EPA 8270A	02/18/98	ND	2.5
39380	Dieldrin			EPA 8080	02/19/98	ND	0.0125
34336	Diethyl phthalate			EPA 8270A	02/18/98	ND	2.5
N/A	0,0-Diethyl 0,2-pyrazinyl phosphorothioate			EPA 8270A	02/18/98	ND	5
46314	Dimethoate			EPA 8270A	02/18/98	ND	5
N/A	p-(Dimethylamino)azobenzene			EPA 8270A	02/18/98	ND	2.5
N/A	7,12-Dimethylbenz(a)anthracene			EPA 8270A	02/18/98	ND	2.5
N/A	3,3'-Dimethylbenzidine			EPA 8270A	02/18/98	ND	2.5
34606	2,4-Dimethylphenol			EPA 8270A	02/18/98	ND	2.5
34341	Dimethyl phthalate			EPA 8270A	02/18/98	ND	2.5
N/A	m-Dinitrobenzene			EPA 8270A	02/18/98	ND	5

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	Analysis Results/ Units (µg/l)	Detection Limits/ Units (µg/l)
51008	4,6-Dinitro-o-cresol			EPA 8270A	02/18/98	ND	12.5
34616	2,4-Dinitrophenol			EPA 8270A	02/18/98	ND	12.5
34611	2,4-Dinitrotoluene			EPA 8270A	02/18/98	ND	2.5
34626	2,6-Dinitrotoluene			EPA 8270A	02/18/98	ND	2.5
38779	Dinoseb			EPA 8150	02/19/98	ND	0.25
34596	Di-n-octyl phthalate			EPA 8270A	02/18/98	ND	2.5
77579	Diphenylamine			EPA 8270A	02/18/98	ND	2.5
81888	Disulfoton			EPA 8270A	02/18/98	ND	2.5
34361	Endosulfan I			EPA 8080	02/19/98	ND	0.0125
34356	Endosulfan II			EPA 8080	02/19/98	ND	0.0125
34351	Endosulfan sulfate			EPA 8080	02/19/98	ND	0.125
39390	Endrin			EPA 8080	02/19/98	ND	0.025
34366	Endrin aldehyde			EPA 8080	02/19/98	ND	0.05
N/A	Ethyl methanesulfonate			EPA 8270A	02/18/98	ND	5
38462	Famphur			EPA 8270A	02/18/98	ND	5
34376	Fluoranthene			EPA 8270A	02/18/98	ND	2.5
34381	Fluorene			EPA 8270A	02/18/98	ND	2.5
39410	Heptachlor			EPA 8080	02/19/98	ND	0.0125
39420	Heptachlor epoxide			EPA 8080	02/19/98	ND	0.25
39700	Hexachlorobenzene			EPA 8270A	02/18/98	ND	2.5
34391	Hexachlorobutadiene			EPA 8270A	02/18/98	ND	2.5
34386	Hexachlorocyclopentadiene			EPA 8270A	02/18/98	ND	2.5
34396	Hexachloroethane			EPA 8270A	02/18/98	ND	2.5
N/A	Hexachloropropene			EPA 8270A	02/18/98	ND	2.5
77033	Isobutyl alcohol			EPA 8260A	02/02/98	ND	0.5
39430	Isodrin			EPA 8270A	02/18/98	ND	5
34408	Isophorone			EPA 8270A	02/18/98	ND	2.5
N/A	Isosafrole			EPA 8270A	02/18/98	ND	2.5
81593	Methacrylonitrile			EPA 8260A	02/02/98	ND	0.5

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	Analysis Results/ Units (µg/l)	Detection Limits/ Units (µg/l)
N/A	Methapyrilene			EPA 8270A	02/18/98	ND	25
39480	Methoxychlor			EPA 8080	02/19/98	ND	0.05
N/A	3-Methylchlolanthrene			EPA 8270A	02/18/98	ND	2.5
81597	Methyl methacrylate			EPA 8260A	02/02/98	ND	0.5
N/A	Methyl methanesulfonate			EPA 8270A	02/18/98	ND	2.5
77416	2-Methylnaphthalene			EPA 8270A	02/18/98	ND	2.5
39600	Methyl parathion			EPA 8270A	02/18/98	ND	2.5
34696	Naphthalene			EPA 8270A	02/18/98	ND	2.5
N/A	1,4-Naphthoquinone			EPA 8270A	02/18/98	ND	2.5
N/A	1-Naphthylamine			EPA 8270A	02/18/98	ND	2.5
N/A	2-Naphthylamine			EPA 8270A	02/18/98	ND	2.5
N/A	2-Nitroaniline			EPA 8270A	02/18/98	ND	12.5
78300	3-Nitroaniline			EPA 8270A	02/18/98	ND	12.5
30342	4-Nitroaniline			EPA 8270A	02/18/98	ND	5
34447	Nitrobenzene			EPA 8270A	02/18/98	ND	2.5
34591	2-Nitrophenol			EPA 8270A	02/18/98	ND	2.5
34646	4-Nitrophenol			EPA 8270A	02/18/98	ND	12.5
N/A	n-Nitrosodi-n-butylamine			EPA 8270A	02/18/98	ND	12.5
78200	n-Nitrosodiethylamine			EPA 8270A	02/18/98	ND	5
34438	n-Nitrosodimethylamine			EPA 8270A	02/18/98	ND	5
34433	n-Nitrosodiphenylamine			EPA 8270A	02/18/98	ND	5
34428	n-Nitroso-n-dipropylamine			EPA 8270A	02/18/98	ND	2.5
N/A	n-Nitrosomethylethylamine			EPA 8270A	02/18/98	ND	2.5
N/A	n-Nitrosopiperidine			EPA 8270A	02/18/98	ND	5
78206	n-Nitrosopyrrolidine			EPA 8270A	02/18/98	ND	10
N/A	5-Nitro-o-toluidine			EPA 8270A	02/18/98	ND	2.5
39540	Parathion			EPA 8270A	02/18/98	ND	2.5
77793	Pentachlorobenzene			EPA 8270A	02/18/98	ND	2.5
81316	Pentachloronitrobenzene			EPA 8270A	02/18/98	ND	5

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	Analysis Results/ Units (µg/l)	Detection Limits/ Units (µg/l)
39032	Pentachlorophenol			EPA 8270A	02/18/98	ND	12.5
N/A	Phenacetin			EPA 8270A	02/18/98	ND	5
34461	Phenanthrene			EPA 8270A	02/18/98	ND	2.5
32730	Phenol			EPA 8270A	02/18/98	ND	2.5
N/A	p-Phenylenediamine			EPA 8270A	02/18/98	ND	2.5
46313	Phorate			EPA 8270A	02/18/98	ND	2.5
39516	PCBs			EPA 8080	02/19/98	ND	12.5
39080	Pronamide			EPA 8270A	02/18/98	ND	2.5
77007	Propionitrile			EPA 8260A	02/02/98	ND	0.5
34469	Pyrene			EPA 8270A	02/18/98	ND	2.5
77545	Safrole			EPA 8270A	02/18/98	ND	2.5
39760	Silvex			EPA 8150	02/19/98	ND	0.5
81520	Chloroprene			EPA 8260A	02/02/98	ND	0.5
00746	Sulfide			EPA 376.2	01/29/98	ND	0.1
39740	2,4,5-T			EPA 8150	02/19/98	ND	0.5
77734	1,2,4,5-Tetrachlorobenzene			EPA 8270A	02/18/98	ND	2.5
N/A	2,3,4,6-Tetrachlorophenol			EPA 8270A	02/18/98	ND	2.5
77142	o-Toluidine			EPA 8270A	02/18/98	ND	2.5
39400	Toxaphene			EPA 8080	02/19/98	ND	0.5
34551	1,2,4-Trichlorobenzene			EPA 8270A	02/18/98	ND	0.5
77687	2,4,5-Trichlorophenol			EPA 8270A	02/18/98	ND	2.5
34621	2,4,6-Trichlorophenol			EPA 8270A	02/18/98	ND	2.5
N/A	Triethyl phosphorothioate			EPA 8270A	02/18/98	ND	2.5
N/A	1,3,5-Trinitrobenzene			EPA 8270A	02/18/98	ND	2.5
77173	1,3-Dichloropropane			EPA 8260A	02/02/98	ND	0.5
77170	2,2-Dichloropropane			EPA 8260A	02/02/98	ND	0.5
77168	1,1-Dichloropropene			EPA 8260A	02/02/98	ND	0.5
34566	1,3-Dichlorobenzene			EPA 8260A	02/02/98	ND	0.5

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	Analysis Results/ Units (µg/l)	Detection Limits/ Units (µg/l)
34403	Indeno(1,2,3-cd)pyrene			EPA 8270A	02/18/98	ND	2.5
N/A	Kepone			EPA 8270A	02/18/98	ND	5
81597	Methyl methacrylate			EPA 8260A	02/02/98	ND	5

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030

Sampling Date/Time: 01/27/98 @ 1045

Test Site ID #:

Report Period: 1998 / Quarter I (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):

7/37

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	SM 4500NO_3F	01/28/98 1600	<0.11	mg/L	0.11	mg/L
000940	Chloride	"	"	SM 4500Cl-B	02/03/98 1500	12,017	mg/L	0.15	mg/L
000400	pH-Field	"	"	SM 4500H+B	01/27/98 1045	6.85	Std. Units	0.01	Std. Units
070300	Total Dis. Solids	"	"	SM 2540C	01/27/98 1600	4,060	mg/L	1	mg/L
000344	Dissolved Olygen	"	"	SM 4500 O G	01/27/98 1045	0.70	mg/L	1	mg/L
000410	Bicarbonate	"	"	SM 2320B	01/27/98 1600	305	mg/L	1	mg/L
000095	Specific Cond. (Field)	"	"	SM 2510B	01/27/98 1045	3,950	µmhos/cm	0.00	µmhos/cm
000010	Temperature (Field)	"	"	SM 2550B	01/27/98 1045	18.97	°C	0	°C
000610	Ammonia	"	"	SM 4500NH_3H	02/03/98 1100	9.13	mg/L	0.03	mg/L
001045	Iron	"	"	SM 3113B	01/30/98 1100	0.92	mg/L	0.001	mg/L
000929	Sodium	"	"	SM 3111B	01/30/98 1050	237	mg/L	0.01	mg/L
071900	Mercury	"	"	SM 3112B	02/04/98 1110	0.0004	mg/L	0.0002	mg/L

*Attach Laboratory Reports

mo/g021623

PART III - ANALYTICAL RESULTS
FCEL LAB# 9801-272

Facility GMS #: _____ Sampling Date/Time: 1/27/98 @ 10:45

Test Site ID #: _____ Report Period: 1998 1ST QUARTER (Year/Quarter)

WELL NAME: SW-PRIMAR Y Well Type( ) Background

Classification of Ground Water: _____ ( ) Intermediate

Ground Water Elevation (NGVD): _____ ( ) Compliance

or (MSL): _____ ( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	Analysis Results/ Units (mg/l)	Detection Limits/ Units (mg/l)
00010	Temperature (field)					degree,C	degree, C
00400	pH (field)					Std.Units	Std.Units
	Water Level Elev.					Ft. NGVD	Ft.NGVD
00094	Specific Cond. (field)					µmhos/cm	µmhos/cm
01097	Antimony			EPA 204.2	02/06/98	<0.0013	0.0013
01002	Arsenic			EPA 206.2	02/21/98	<0.00074	0.00074
01007	Barium			EPA 200.7	02/13/98	0.057	0.0048
01012	Beryllium			EPA 200.7	02/13/98	0.0084	0.0016
01027	Cadmium			EPA 213.2	02/04/98	0.00134	0.000068
01034	Chromium			EPA 200.7	02/12/98	0.216	0.022
01037	Cobalt			EPA 200.7	02/13/98	0.067	0.011
01042	Copper			EPA 200.7	01/29/98	0.020	0.0029
01051	Lead			EPA 239.2	01/31/98	<0.0002	0.0002
01067	Nickel			EPA 200.7	02/13/98	0.063	0.028
01147	Selenium			EPA 270.2	02/10/98	<0.016	0.016
01077	Silver			EPA 200.7	01/29/98	<0.0033	0.0033
01057	Thallium			EPA 279.2	02/05/98	<0.00078	0.00078
01085	Vanadium			EPA 200.7	02/12/98	0.160	0.0088
71900	Mercury			EPA 245.1	02/10/98	0.00067	0.000029
01102	Tin			EPA 200.7	03/31/98	2.224	0.078
01092	Zinc			EPA 200.7	02/13/98	0.128	0.0032
00720	Cyanide			EPA 335.2	01/29/98	0.063	0.010

PART III – ANALYTICAL RESULTS (Continued) FCEL LAB # 9801-272

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	Analysis Results/ Units (µg/l)	Detection Limits/ Units (µg/l)
81552	Acetone			EPA 8260A	02/02/98	ND	0.330
34215	Acrylonitrile			EPA 8260A	02/02/98	ND	0.483
34235	Benzene			EPA 8260A	02/02/98	ND	0.147
N/A	Bromochloromethane			EPA 8260A	02/02/98	ND	0.5
32101	Bromodichloromethane			EPA 8260A	02/02/98	ND	0.300
32104	Bromoform			EPA 8260A	02/02/98	ND	0.226
77041	Carbon disulfide			EPA 8260A	02/02/98	ND	0.459
32102	Carbon tetrachloride			EPA 8260A	02/02/98	ND	0.316
34301	Chlorobenzene			EPA 8260A	02/02/98	ND	0.234
34311	Chloroethane			EPA 8260A	02/02/98	ND	0.148
32106	Chloroform			EPA 8260A	02/02/98	ND	0.104
32105	Dibromochloromethane			EPA 8260A	02/02/98	ND	0.185
38761	1,2-Dibromo-3-chloropropane			EPA 504	02/02/98	ND	0.013
77651	1,2-Dibromoethane			EPA 504	02/02/98	ND	0.014
34537	o-Dichlorobenzene			EPA 8260A	02/02/98	ND	0.365
34571	p-Dichlorobenzene			EPA 8260A	02/02/98	ND	0.298
49263	trans-1,4-Dichloro-2-butene			EPA 8260A	02/02/98	ND	0.221
34496	1,1-Dichloroethane			EPA 8260A	02/02/98	ND	0.275
32103	1,2-Dichloroethane			EPA 8260A	02/02/98	ND	0.128
34502	1,1-Dichloroethene			EPA 8260A	02/02/98	ND	0.128
81686	cis-1,2-Dichloroethene			EPA 8260A	02/02/98	ND	0.253
34546	trans-1,2-Dichloroethene			EPA 8260A	02/02/98	ND	0.195
34541	1,2-Dichloropropane			EPA 8260A	02/02/98	ND	0.147
34704	cis-1,3-Dichloropropene			EPA 8260A	02/02/98	ND	0.157
34699	trans-1,3-Dichloropropene			EPA 8260A	02/02/98	ND	0.198
78113	Ethylbenzene			EPA 8260A	02/02/98	ND	0.173
77103	2-Hexanone			EPA 8260A	02/02/98	ND	0.494
34413	Methyl bromide			EPA 8260A	02/02/98	ND	0.177

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	Analysis Results/ Units (µg/l)	Detection Limits/ Units (µg/l)
34418	Methyl chloride			EPA 8260A	02/02/98	ND	0.155
77596	Methylene bromide			EPA 8260A	02/02/98	ND	0.347
34423	Methylene chloride			EPA 8260A	02/02/98	ND	0.282
81595	Methyl ethyl ketone			EPA 8260A	02/02/98	ND	0.154
49262	Methyl iodide			EPA 8260A	02/02/98	ND	0.506
78133	4-Methyl-2-pentanone			EPA 8260A	02/02/98	ND	0.520
77128	Styrene			EPA 8260A	02/02/98	ND	0.213
77562	1,1,1,2-Tetrachloroethane			EPA 8260A	02/02/98	ND	0.192
34516	1,1,2,2-Tetrachloroethane			EPA 8260A	02/02/98	ND	0.200
34476	Tetrachloroethene			EPA 8260A	02/02/98	ND	0.188
78131	Toluene			EPA 8260A	02/02/98	ND	0.249
34506	1,1,1-Trichloroethane			EPA 8260A	02/02/98	ND	0.296
34511	1,1,2-Trichloroethane			EPA 8260A	02/02/98	ND	0.115
34485	Trichloroethene			EPA 8260A	02/02/98	ND	0.183
34488	Trichlorofluoromethane			EPA 8260A	02/02/98	ND	0.423
77443	1,2,3-Trichloropropane			EPA 8260A	02/02/98	ND	0.137
77057	Vinyl acetate			EPA 8260A	02/02/98	ND	0.483
39175	Vinyl chloride			EPA 8260A	02/02/98	ND	0.205
81551	Xylenes			EPA 8260A	02/02/98	ND	0.108

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	Analysis Results/ Units (µg/l)	Detection Limits/ Units (µg/l)
34205	Acenaphthene			EPA 8270A	02/18/98	ND	2.5
34200	Acenaphthylene			EPA 8270A	02/18/98	ND	2.5
N/A	Acetonitrile			EPA 8270A	02/18/98	ND	0.5
81553	Acetophenone			EPA 8270A	02/18/98	ND	2.5
N/A	2-Acetylaminofluorene			EPA 8270A	02/18/98	ND	0.5
34210	Acrolein			EPA 8260A	02/02/98	ND	0.5
39330	Aldrin			EPA 8080	02/19/98	ND	0.0125
78109	Allyl chloride			EPA 8260A	02/02/98	ND	0.5
N/A	4-Aminobiphenyl			EPA 8270A	02/18/98	ND	50
34220	Anthracene			EPA 8270A	02/18/98	ND	2.5
34527	Benzo(a)anthracene			EPA 8270A	02/18/98	ND	2.5
34230	Benzo(b)fluoranthene			EPA 8270A	02/18/98	ND	2.5
34242	Benzo(k)fluoranthene			EPA 8270A	02/18/98	ND	2.5
34521	Benzo(ghi)perylene			EPA 8270A	02/18/98	ND	2.5
34247	Benzo(a)pyrene			EPA 8270A	02/18/98	ND	2.5
77147	Benzyl alcohol			EPA 8270A	02/18/98	ND	2.5
34253	alpha-BHC			EPA 8080	02/19/98	ND	0.0125
34255	beta-BHC			EPA 8080	02/19/98	ND	0.0125
34259	delta-BHC			EPA 8080	02/19/98	ND	0.025
39340	gamma-BHC			EPA 8080	02/19/98	ND	0.0125
34278	Bis(2-chloroethoxy)methane			EPA 8270A	02/18/98	ND	2.5
34273	Bis(2-chloroethyl)ether			EPA 8270A	02/18/98	ND	2.5
34283	Bis(2-chloroisopropyl)ether			EPA 8270A	02/18/98	ND	2.5
39100	Bis(2-ethylhexyl)phthalate			EPA 8270A	02/18/98	ND	2.5
34636	4-Bromophenyl phenyl ether			EPA 8270A	02/18/98	ND	2.5
51003	Butyl benzyl phthalate			EPA 8270A	02/18/98	ND	2.5
39350	Chlordane			EPA 8080	02/19/98	ND	0.025
60037	p-Chloroaniline			EPA 8270A	02/18/98	ND	5
39460	Chlorobenzilate			EPA 8270A	02/18/98	ND	2.5

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	Analysis Results/ Units (µg/l)	Detection Limits/ Units (µg/l)
N/A	4-Chloro-3-methylphenol			EPA 8270A	02/18/98	ND	5
34581	2-Chloronaphthalene			EPA 8270A	02/18/98	ND	2.5
34586	2-Chlorophenol			EPA 8270A	02/18/98	ND	2.5
34641	4-Chlorophenyl phenyl ether			EPA 8270A	02/18/98	ND	2.5
34320	Chrysene			EPA 8270A	02/18/98	ND	2.5
N/A	3-Methylphenol			EPA 8270A	02/18/98	ND	2.5
77152	2-Methylphenol			EPA 8270A	02/18/98	ND	2.5
N/A	4-Methylphenol			EPA 8270A	02/18/98	ND	2.5
39730	2,4-D			EPA 8150	02/19/98	ND	2.5
39360	4,4'-DDD			EPA 8080	02/19/98	ND	0.0125
39365	4,4'-DDE			EPA 8080	02/19/98	ND	0.025
39370	4,4'-DDT			EPA 8080	02/19/98	ND	2.5
N/A	Diallate			EPA 8270A	02/18/98	ND	2.5
51004	Dibenzo(a,h)anthracene			EPA 8270A	02/18/98	ND	2.5
81302	Dibenzofuran			EPA 8270A	02/18/98	ND	2.5
39110	Di-n-butyl phthalate			EPA 8270A	02/18/98	ND	2.5
34631	3,3'-Dichlorobenzidine			EPA 8270A	02/18/98	ND	5
34601	2,4-Dichlorophenol			EPA 8270A	02/18/98	ND	2.5
77541	2,6-Dichlorophenol			EPA 8270A	02/18/98	ND	2.5
39380	Dieldrin			EPA 8080	02/19/98	ND	0.0125
34336	Diethyl phthalate			EPA 8270A	02/18/98	ND	2.5
N/A	0,0-Diethyl 0,2-pyrazinyl phosphorothioate			EPA 8270A	02/18/98	ND	5
46314	Dimethoate			EPA 8270A	02/18/98	ND	5
N/A	p-(Dimethylamino)azobenzene			EPA 8270A	02/18/98	ND	2.5
N/A	7,12-Dimethylbenz(a)anthracene			EPA 8270A	02/18/98	ND	2.5
N/A	3,3'-Dimethylbenzidine			EPA 8270A	02/18/98	ND	2.5
34606	2,4-Dimethylphenol			EPA 8270A	02/18/98	ND	2.5
34341	Dimethyl phthalate			EPA 8270A	02/18/98	ND	2.5
N/A	m-Dinitrobenzene			EPA 8270A	02/18/98	ND	5

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	Analysis Results/ Units (µg/l)	Detection Limits/ Units (µg/l)
51008	4,6-Dinitro-o-cresol			EPA 8270A	02/18/98	ND	12.5
34616	2,4-Dinitrophenol			EPA 8270A	02/18/98	ND	12.5
34611	2,4-Dinitrotoluene			EPA 8270A	02/18/98	ND	2.5
34626	2,6-Dinitrotoluene			EPA 8270A	02/18/98	ND	2.5
38779	Dinoseb			EPA 8150	02/19/98	ND	0.25
34596	Di-n-octyl phthalate			EPA 8270A	02/18/98	ND	2.5
77579	Diphenylamine			EPA 8270A	02/18/98	ND	2.5
81888	Disulfoton			EPA 8270A	02/18/98	ND	2.5
34361	Endosulfan I			EPA 8080	02/19/98	ND	0.0125
34356	Endosulfan II			EPA 8080	02/19/98	ND	0.0125
34351	Endosulfan sulfate			EPA 8080	02/19/98	ND	0.125
39390	Endrin			EPA 8080	02/19/98	ND	0.025
34366	Endrin aldehyde			EPA 8080	02/19/98	ND	0.05
N/A	Ethyl methanesulfonate			EPA 8270A	02/18/98	ND	5
38462	Famphur			EPA 8270A	02/18/98	ND	5
34376	Fluoranthene			EPA 8270A	02/18/98	ND	2.5
34381	Fluorene			EPA 8270A	02/18/98	ND	2.5
39410	Heptachlor			EPA 8080	02/19/98	ND	0.0125
39420	Heptachlor epoxide			EPA 8080	02/19/98	ND	0.25
39700	Hexachlorobenzene			EPA 8270A	02/18/98	ND	2.5
34391	Hexachlorobutadiene			EPA 8270A	02/18/98	ND	2.5
34386	Hexachlorocyclopentadiene			EPA 8270A	02/18/98	ND	2.5
34396	Hexachloroethane			EPA 8270A	02/18/98	ND	2.5
N/A	Hexachloropropene			EPA 8270A	02/18/98	ND	2.5
77033	Isobutyl alcohol			EPA 8260A	02/02/98	ND	0.5
39430	Isodrin			EPA 8270A	02/18/98	ND	5
34408	Isophorone			EPA 8270A	02/18/98	ND	2.5
N/A	Isosafrole			EPA 8270A	02/18/98	ND	2.5
81593	Methacrylonitrile			EPA 8260A	02/02/98	ND	0.5

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	Analysis Results/ Units (µg/l)	Detection Limits/ Units (µg/l)
N/A	Methapyrilene			EPA 8270A	02/18/98	ND	25
39480	Methoxychlor			EPA 8080	02/19/98	ND	0.05
N/A	3-Methylchlolanthrene			EPA 8270A	02/18/98	ND	2.5
81597	Methyl methacrylate			EPA 8260A	02/02/98	ND	0.5
N/A	Methyl methanesulfonate			EPA 8270A	02/18/98	ND	2.5
77416	2-Methylnaphthalene			EPA 8270A	02/18/98	ND	2.5
39600	Methyl parathion			EPA 8270A	02/18/98	ND	2.5
34696	Naphthalene			EPA 8270A	02/18/98	ND	2.5
N/A	1,4-Naphthoquinone			EPA 8270A	02/18/98	ND	2.5
N/A	1-Naphthylamine			EPA 8270A	02/18/98	ND	2.5
N/A	2-Naphthylamine			EPA 8270A	02/18/98	ND	2.5
N/A	2-Nitroaniline			EPA 8270A	02/18/98	ND	12.5
78300	3-Nitroaniline			EPA 8270A	02/18/98	ND	12.5
30342	4-Nitroaniline			EPA 8270A	02/18/98	ND	5
34447	Nitrobenzene			EPA 8270A	02/18/98	ND	2.5
34591	2-Nitrophenol			EPA 8270A	02/18/98	ND	2.5
34646	4-Nitrophenol			EPA 8270A	02/18/98	ND	12.5
N/A	n-Nitrosodi-n-butylamine			EPA 8270A	02/18/98	ND	12.5
78200	n-Nitrosodiethylamine			EPA 8270A	02/18/98	ND	5
34438	n-Nitrosodimethylamine			EPA 8270A	02/18/98	ND	5
34433	n-Nitrosodiphenylamine			EPA 8270A	02/18/98	ND	5
34428	n-Nitroso-n-dipropylamine			EPA 8270A	02/18/98	ND	2.5
N/A	n-Nitrosomethylethylamine			EPA 8270A	02/18/98	ND	2.5
N/A	n-Nitrosopiperidine			EPA 8270A	02/18/98	ND	5
78206	n-Nitrosopyrrolidine			EPA 8270A	02/18/98	ND	10
N/A	5-Nitro-o-toluidine			EPA 8270A	02/18/98	ND	2.5
39540	Parathion			EPA 8270A	02/18/98	ND	2.5
77793	Pentachlorobenzene			EPA 8270A	02/18/98	ND	2.5
81316	Pentachloronitrobenzene			EPA 8270A	02/18/98	ND	5

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	Analysis Results/ Units (µg/l)	Detection Limits/ Units (µg/l)
39032	Pentachlorophenol			EPA 8270A	02/18/98	ND	12.5
N/A	Phenacetin			EPA 8270A	02/18/98	ND	5
34461	Phenanthrene			EPA 8270A	02/18/98	ND	2.5
32730	Phenol			EPA 8270A	02/18/98	ND	2.5
N/A	p-Phenylenediamine			EPA 8270A	02/18/98	ND	2.5
46313	Phorate			EPA 8270A	02/18/98	ND	2.5
39516	PCBs			EPA 8080	02/19/98	ND	12.5
39080	Pronamide			EPA 8270A	02/18/98	ND	2.5
77007	Propionitrile			EPA 8260A	02/02/98	ND	0.5
34469	Pyrene			EPA 8270A	02/18/98	ND	2.5
77545	Safrole			EPA 8270A	02/18/98	ND	2.5
39760	Silvex			EPA 8150	02/19/98	ND	0.5
81520	Chloroprene			EPA 8260A	02/02/98	ND	0.5
00746	Sulfide			EPA 376.2	01/29/98	ND	0.1
39740	2,4,5-T			EPA 8150	02/19/98	ND	0.5
77734	1,2,4,5-Tetrachlorobenzene			EPA 8270A	02/18/98	ND	2.5
N/A	2,3,4,6-Tetrachlorophenol			EPA 8270A	02/18/98	ND	2.5
77142	o-Toluidine			EPA 8270A	02/18/98	ND	2.5
39400	Toxaphene			EPA 8080	02/19/98	ND	0.5
34551	1,2,4-Trichlorobenzene			EPA 8270A	02/18/98	ND	0.5
77687	2,4,5-Trichlorophenol			EPA 8270A	02/18/98	ND	2.5
34621	2,4,6-Trichlorophenol			EPA 8270A	02/18/98	ND	2.5
N/A	Triethyl phosphorothioate			EPA 8270A	02/18/98	ND	2.5
N/A	1,3,5-Trinitrobenzene			EPA 8270A	02/18/98	ND	2.5
77173	1,3-Dichloropropane			EPA 8260A	02/02/98	ND	0.5
77170	2,2-Dichloropropane			EPA 8260A	02/02/98	ND	0.5
77168	1,1-Dichloropropene			EPA 8260A	02/02/98	ND	0.5
34566	1,3-Dichlorobenzene			EPA 8260A	02/02/98	ND	0.5

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	Analysis Results/ Units (µg/l)	Detection Limits/ Units (µg/l)
34403	Indeno(1,2,3-cd)pyrene			EPA 8270A	02/18/98	ND	2.5
N/A	Kepone			EPA 8270A	02/18/98	ND	5
81597	Methyl methacrylate			EPA 8260A	02/02/98	ND	5

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030 Sampling Date/Time: 01/27/98 @ 1115

Test Site ID #: _____ Report Period: 1998 / Quarter I (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): _____ 7138

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	SM 4500NO_3F	01/28/98 1600	0.26	mg/L	0.11	mg/L
000940	Chloride	"	"	SM 4500Cl-B	02/03/98 1500	11,127	mg/L	0.15	mg/L
000400	pH-Field	"	"	SM 4500H+B	01/27/98 1115	6.75	Std. Units	0.01	Std. Units
070300	Total Dis. Solids	"	"	SM 2540C	01/27/98 1600	2,760	mg/L	1	mg/L
000344	Dissolved Olygen	"	"	SM 4500 O G	01/27/98 1115	1.68	mg/L	1	mg/L
000410	Bicarbonate	"	"	SM 2320B	01/27/98 1600	234	mg/L	1	mg/L
000095	Specific Cond. (Field)	"	"	SM 2510B	01/27/98 1115	3,820	µmhos/cm	0.00	µmhos/cm
000010	Temperature (Field)	"	"	SM 2550B	01/27/98 1115	19.25	°C	0	°C
000610	Ammonia	"	"	SM 4500NH_3H	02/03/98 1100	1.09	mg/L	0.03	mg/L
001045	Iron	"	"	SM 3113B	01/30/98 0930	1.29	mg/L	0.001	mg/L
000929	Sodium	"	"	SM 3111B	01/30/98 1050	224	mg/L	0.01	mg/L
071900	Mercury	"	"	SM 3112B	02/04/98 1110	0.0003	mg/L	0.0002	mg/L

*Attach Laboratory Reports

mo/g021623

PART III - ANALYTICAL RESULTS
FCEL LAB# 9801-269

Facility GMS #: _____ Sampling Date/Time: 1/27/98 @ 11:15

Test Site ID #: _____ Report Period: 1998 1ST QUARTER (Year/Quarter)

WELL NAME: SW-SECONDARY Well Type( ) Background

Classification of Ground Water: _____ ( ) Intermediate

Ground Water Elevation (NGVD): _____ ( ) Compliance

or (MSL): _____ ( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	Analysis Results/ Units (mg/l)	Detection Limits/ Units (mg/l)
00010	Temperature (field)					degree,C	degree, C
00400	pH (field)					Std.Units	Std.Units
	Water Level Elev.					Ft. NGVD	Ft.NGVD
00094	Specific Cond. (field)					μmhos/cm	μmhos/cm
01097	Antimony			EPA 204.2	02/06/98	<0.0013	0.0013
01002	Arsenic			EPA 206.2	03/12/98	<0.00074	0.00074
01007	Barium			EPA 200.7	03/13/98	0.075	0.0048
01012	Beryllium			EPA 200.7	03/09/98	0.0029	0.0016
01027	Cadmium			EPA 213.2	02/04/98	<0.000068	0.000068
01034	Chromium			EPA 200.7	02/12/98	<0.022	0.022
01037	Cobalt			EPA 200.7	03/31/98	0.099	0.011
01042	Copper			EPA 200.7	01/29/98	0.009	0.0029
01051	Lead			EPA 239.2	01/31/98	<0.0002	0.0002
01067	Nickel			EPA 200.7	03/13/98	0.106	0.028
01147	Selenium			EPA 270.2	02/10/98	0.023	0.0016
01077	Silver			EPA 200.7	01/29/98	0.006	0.0033
01057	Thallium			EPA 279.2	02/09/98	<0.00078	0.00078
01085	Vanadium			EPA 200.7	03/31/98	0.035	0.0088
71900	Mercury			EPA 245.1	02/10/98	0.00224	0.000029
01102	Tin			EPA 200.7	03/31/98	0.905	0.078
01092	Zinc			EPA 200.7	03/09/98	0.022	0.0032
00720	Cyanide			EPA 335.2	01/29/98	0.015	0.010

PART III - ANALYTICAL RESULTS (Continued) FCEL LAB # 9801-269

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	Analysis Results/ Units (µg/l)	Detection Limits/ Units (µg/l)
81552	Acetone			EPA 8260A	02/02/98	ND	0.330
34215	Acrylonitrile			EPA 8260A	02/02/98	ND	0.483
34235	Benzene			EPA 8260A	02/02/98	ND	0.147
N/A	Bromochloromethane			EPA 8260A	02/02/98	ND	0.5
32101	Bromodichloromethane			EPA 8260A	02/02/98	ND	0.300
32104	Bromoform			EPA 8260A	02/02/98	ND	0.226
77041	Carbon disulfide			EPA 8260A	02/02/98	ND	0.459
32102	Carbon tetrachloride			EPA 8260A	02/02/98	ND	0.316
34301	Chlorobenzene			EPA 8260A	02/02/98	ND	0.234
34311	Chloroethane			EPA 8260A	02/02/98	ND	0.148
32106	Chloroform			EPA 8260A	02/02/98	ND	0.104
32105	Dibromochloromethane			EPA 8260A	02/02/98	ND	0.185
38761	1,2-Dibromo-3-chloropropane			EPA 504	02/02/98	ND	0.013
77651	1,2-Dibromoethane			EPA 504	02/02/98	ND	0.014
34537	o-Dichlorobenzene			EPA 8260A	02/02/98	ND	0.365
34571	p-Dichlorobenzene			EPA 8260A	02/02/98	ND	0.298
49263	trans-1,4-Dichloro-2-butene			EPA 8260A	02/02/98	ND	0.221
34496	1,1-Dichloroethane			EPA 8260A	02/02/98	ND	0.275
32103	1,2-Dichloroethane			EPA 8260A	02/02/98	ND	0.128
34502	1,1-Dichloroethene			EPA 8260A	02/02/98	ND	0.128
81686	cis-1,2-Dichloroethene			EPA 8260A	02/02/98	ND	0.253
34546	trans-1,2-Dichloroethene			EPA 8260A	02/02/98	ND	0.195
34541	1,2-Dichloropropane			EPA 8260A	02/02/98	ND	0.147
34704	cis-1,3-Dichloropropene			EPA 8260A	02/02/98	ND	0.157
34699	trans-1,3-Dichloropropene			EPA 8260A	02/02/98	ND	0.198
78113	Ethylbenzene			EPA 8260A	02/02/98	ND	0.173
77103	2-Hexanone			EPA 8260A	02/02/98	ND	0.494
34413	Methyl bromide			EPA 8260A	02/02/98	ND	0.177

PART III - ANALYTICAL RESULTS (Continued) 9801-269

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	Analysis Results/ Units (µg/l)	Detection Limits/ Units (µg/l)
34418	Methyl chloride			EPA 8260A	02/02/98	ND	0.155
77596	Methylene bromide			EPA 8260A	02/02/98	ND	0.347
34423	Methylene chloride			EPA 8260A	02/02/98	ND	0.282
81595	Methyl ethyl ketone			EPA 8260A	02/02/98	ND	0.154
49262	Methyl iodide			EPA 8260A	02/02/98	ND	0.506
78133	4-Methyl-2-pentanone			EPA 8260A	02/02/98	ND	0.520
77128	Styrene			EPA 8260A	02/02/98	ND	0.213
77562	1,1,1,2-Tetrachloroethane			EPA 8260A	02/02/98	ND	0.192
34516	1,1,2,2-Tetrachloroethane			EPA 8260A	02/02/98	ND	0.200
34476	Tetrachloroethene			EPA 8260A	02/02/98	ND	0.188
78131	Toluene			EPA 8260A	02/02/98	ND	0.249
34506	1,1,1-Trichloroethane			EPA 8260A	02/02/98	ND	0.296
34511	1,1,2-Trichloroethane			EPA 8260A	02/02/98	ND	0.115
34485	Trichloroethene			EPA 8260A	02/02/98	ND	0.183
34488	Trichlorofluoromethane			EPA 8260A	02/02/98	ND	0.423
77443	1,2,3-Trichloropropane			EPA 8260A	02/02/98	ND	0.137
77057	Vinyl acetate			EPA 8260A	02/02/98	ND	0.483
39175	Vinyl chloride			EPA 8260A	02/02/98	ND	0.205
81551	Xylenes			EPA 8260A	02/02/98	ND	0.108

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	Analysis Results/ Units (µg/l)	Detection Limits/ Units (µg/l)
34205	Acenaphthene			EPA 8270A	02/18/98	ND	2.5
34200	Acenaphthylene			EPA 8270A	02/18/98	ND	2.5
N/A	Acetonitrile			EPA 8270A	02/18/98	ND	0.5
81553	Acetophenone			EPA 8270A	02/18/98	ND	2.5
N/A	2-Acetylaminofluorene			EPA 8270A	02/18/98	ND	0.5
34210	Acrolein			EPA 8260A	02/02/98	ND	0.5
39330	Aldrin			EPA 8080	02/19/98	ND	0.0125
78109	Allyl chloride			EPA 8260A	02/02/98	ND	0.5
N/A	4-Aminobiphenyl			EPA 8270A	02/18/98	ND	50
34220	Anthracene			EPA 8270A	02/18/98	ND	2.5
34527	Benzo(a)anthracene			EPA 8270A	02/18/98	ND	2.5
34230	Benzo(b)fluoranthene			EPA 8270A	02/18/98	ND	2.5
34242	Benzo(k)fluoranthene			EPA 8270A	02/18/98	ND	2.5
34521	Benzo(ghi)perylene			EPA 8270A	02/18/98	ND	2.5
34247	Benzo(a)pyrene			EPA 8270A	02/18/98	ND	2.5
77147	Benzyl alcohol			EPA 8270A	02/18/98	ND	2.5
34253	alpha-BHC			EPA 8080	02/19/98	ND	0.0125
34255	beta-BHC			EPA 8080	02/19/98	ND	0.0125
34259	delta-BHC			EPA 8080	02/19/98	ND	0.025
39340	gamma-BHC			EPA 8080	02/19/98	ND	0.0125
34278	Bis(2-chloroethoxy)methane			EPA 8270A	02/18/98	ND	2.5
34273	Bis(2-chloroethyl)ether			EPA 8270A	02/18/98	ND	2.5
34283	Bis(2-chloroisopropyl)ether			EPA 8270A	02/18/98	ND	2.5
39100	Bis(2-ethylhexyl)phthalate			EPA 8270A	02/18/98	ND	2.5
34636	4-Bromophenyl phenyl ether			EPA 8270A	02/18/98	ND	2.5
51003	Butyl benzyl phthalate			EPA 8270A	02/18/98	ND	2.5
39350	Chlordane			EPA 8080	02/19/98	ND	0.025
60037	p-Chloroaniline			EPA 8270A	02/18/98	ND	5
39460	Chlorobenzilate			EPA 8270A	02/18/98	ND	2.5

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	Analysis Results/ Units (µg/l)	Detection Limits/ Units (µg/l)
N/A	4-Chloro-3-methylphenol			EPA 8270A	02/18/98	ND	5
34581	2-Chloronaphthalene			EPA 8270A	02/18/98	ND	2.5
34586	2-Chlorophenol			EPA 8270A	02/18/98	ND	2.5
34641	4-Chlorophenyl phenyl ether			EPA 8270A	02/18/98	ND	2.5
34320	Chrysene			EPA 8270A	02/18/98	ND	2.5
N/A	3-Methylphenol			EPA 8270A	02/18/98	ND	2.5
77152	2-Methylphenol			EPA 8270A	02/18/98	ND	2.5
N/A	4-Methylphenol			EPA 8270A	02/18/98	ND	2.5
39730	2,4-D			EPA 8150	02/19/98	ND	2.5
39360	4,4'-DDD			EPA 8080	02/19/98	ND	0.0125
39365	4,4'-DDE			EPA 8080	02/19/98	ND	0.025
39370	4,4'-DDT			EPA 8080	02/19/98	ND	2.5
N/A	Diallate			EPA 8270A	02/18/98	ND	2.5
51004	Dibenzo(a,h)anthracene			EPA 8270A	02/18/98	ND	2.5
81302	Dibenzofuran			EPA 8270A	02/18/98	ND	2.5
39110	Di-n-butyl phthalate			EPA 8270A	02/18/98	ND	2.5
34631	3,3'-Dichlorobenzidine			EPA 8270A	02/18/98	ND	5
34601	2,4-Dichlorophenol			EPA 8270A	02/18/98	ND	2.5
77541	2,6-Dichlorophenol			EPA 8270A	02/18/98	ND	2.5
39380	Dieldrin			EPA 8080	02/19/98	ND	0.0125
34336	Diethyl phthalate			EPA 8270A	02/18/98	ND	2.5
N/A	0,0-Diethyl 0,2-pyrazinyl phosphorothioate			EPA 8270A	02/18/98	ND	5
46314	Dimethoate			EPA 8270A	02/18/98	ND	5
N/A	p-(Dimethylamino)azobenzene			EPA 8270A	02/18/98	ND	2.5
N/A	7,12-Dimethylbenz(a)anthracene			EPA 8270A	02/18/98	ND	2.5
N/A	3,3'-Dimethylbenzidine			EPA 8270A	02/18/98	ND	2.5
34606	2,4-Dimethylphenol			EPA 8270A	02/18/98	ND	2.5
34341	Dimethyl phthalate			EPA 8270A	02/18/98	ND	2.5
N/A	m-Dinitrobenzene			EPA 8270A	02/18/98	ND	5

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	Analysis Results/ Units (µg/l)	Detection Limits/ Units (µg/l)
51008	4,6-Dinitro-o-cresol			EPA 8270A	02/18/98	ND	12.5
34616	2,4-Dinitrophenol			EPA 8270A	02/18/98	ND	12.5
34611	2,4-Dinitrotoluene			EPA 8270A	02/18/98	ND	2.5
34626	2,6-Dinitrotoluene			EPA 8270A	02/18/98	ND	2.5
38779	Dinoseb			EPA 8150	02/19/98	ND	0.25
34596	Di-n-octyl phthalate			EPA 8270A	02/18/98	ND	2.5
77579	Diphenylamine			EPA 8270A	02/18/98	ND	2.5
81888	Disulfoton			EPA 8270A	02/18/98	ND	2.5
34361	Endosulfan I			EPA 8080	02/19/98	ND	0.0125
34356	Endosulfan II			EPA 8080	02/19/98	ND	0.0125
34351	Endosulfan sulfate			EPA 8080	02/19/98	ND	0.125
39390	Endrin			EPA 8080	02/19/98	ND	0.025
34366	Endrin aldehyde			EPA 8080	02/19/98	ND	0.05
N/A	Ethyl methanesulfonate			EPA 8270A	02/18/98	ND	5
38462	Famphur			EPA 8270A	02/18/98	ND	5
34376	Fluoranthene			EPA 8270A	02/18/98	ND	2.5
34381	Fluorene			EPA 8270A	02/18/98	ND	2.5
39410	Heptachlor			EPA 8080	02/19/98	ND	0.0125
39420	Heptachlor epoxide			EPA 8080	02/19/98	ND	0.25
39700	Hexachlorobenzene			EPA 8270A	02/18/98	ND	2.5
34391	Hexachlorobutadiene			EPA 8270A	02/18/98	ND	2.5
34386	Hexachlorocyclopentadiene			EPA 8270A	02/18/98	ND	2.5
34396	Hexachloroethane			EPA 8270A	02/18/98	ND	2.5
N/A	Hexachloropropene			EPA 8270A	02/18/98	ND	2.5
77033	Isobutyl alcohol			EPA 8260A	02/02/98	ND	0.5
39430	Isodrin			EPA 8270A	02/18/98	ND	5
34408	Isophorone			EPA 8270A	02/18/98	ND	2.5
N/A	Isosafrole			EPA 8270A	02/18/98	ND	2.5
81593	Methacrylonitrile			EPA 8260A	02/02/98	ND	0.5

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	Analysis Results/ Units (µg/l)	Detection Limits/ Units (µg/l)
N/A	Methapyrilene			EPA 8270A	02/18/98	ND	25
39480	Methoxychlor			EPA 8080	02/19/98	ND	0.05
N/A	3-Methylchlolanthrene			EPA 8270A	02/18/98	ND	2.5
81597	Methyl methacrylate			EPA 8260A	02/02/98	ND	0.5
N/A	Methyl methanesulfonate			EPA 8270A	02/18/98	ND	2.5
77416	2-Methylnaphthalene			EPA 8270A	02/18/98	ND	2.5
39600	Methyl parathion			EPA 8270A	02/18/98	ND	2.5
34696	Naphthalene			EPA 8270A	02/18/98	ND	2.5
N/A	1,4-Naphthoquinone			EPA 8270A	02/18/98	ND	2.5
N/A	1-Naphthylamine			EPA 8270A	02/18/98	ND	2.5
N/A	2-Naphthylamine			EPA 8270A	02/18/98	ND	2.5
N/A	2-Nitroaniline			EPA 8270A	02/18/98	ND	12.5
78300	3-Nitroaniline			EPA 8270A	02/18/98	ND	12.5
30342	4-Nitroaniline			EPA 8270A	02/18/98	ND	5
34447	Nitrobenzene			EPA 8270A	02/18/98	ND	2.5
34591	2-Nitrophenol			EPA 8270A	02/18/98	ND	2.5
34646	4-Nitrophenol			EPA 8270A	02/18/98	ND	12.5
N/A	n-Nitrosodi-n-butylamine			EPA 8270A	02/18/98	ND	12.5
78200	n-Nitrosodiethylamine			EPA 8270A	02/18/98	ND	5
34438	n-Nitrosodimethylamine			EPA 8270A	02/18/98	ND	5
34433	n-Nitrosodiphenylamine			EPA 8270A	02/18/98	ND	5
34428	n-Nitroso-n-dipropylamine			EPA 8270A	02/18/98	ND	2.5
N/A	n-Nitrosomethylethylamine			EPA 8270A	02/18/98	ND	2.5
N/A	n-Nitrosopiperidine			EPA 8270A	02/18/98	ND	5
78206	n-Nitrosopyrrolidine			EPA 8270A	02/18/98	ND	10
N/A	5-Nitro-o-toluidine			EPA 8270A	02/18/98	ND	2.5
39540	Parathion			EPA 8270A	02/18/98	ND	2.5
77793	Pentachlorobenzene			EPA 8270A	02/18/98	ND	2.5
81316	Pentachloronitrobenzene			EPA 8270A	02/18/98	ND	5

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	Analysis Results/ Units (µg/l)	Detection Limits/ Units (µg/l)
39032	Pentachlorophenol			EPA 8270A	02/18/98	ND	12.5
N/A	Phenacetin			EPA 8270A	02/18/98	ND	5
34461	Phenanthrene			EPA 8270A	02/18/98	ND	2.5
32730	Phenol			EPA 8270A	02/18/98	ND	2.5
N/A	p-Phenylenediamine			EPA 8270A	02/18/98	ND	2.5
46313	Phorate			EPA 8270A	02/18/98	ND	2.5
39516	PCBs			EPA 8080	02/19/98	ND	12.5
39080	Pronamide			EPA 8270A	02/18/98	ND	2.5
77007	Propionitrile			EPA 8260A	02/02/98	ND	0.5
34469	Pyrene			EPA 8270A	02/18/98	ND	2.5
77545	Safrole			EPA 8270A	02/18/98	ND	2.5
39760	Silvex			EPA 8150	02/19/98	ND	0.5
81520	Chloroprene			EPA 8260A	02/02/98	ND	0.5
00746	Sulfide			EPA 376.2	01/29/98	ND	0.1
39740	2,4,5-T			EPA 8150	02/19/98	ND	0.5
77734	1,2,4,5-Tetrachlorobenzene			EPA 8270A	02/18/98	ND	2.5
N/A	2,3,4,6-Tetrachlorophenol			EPA 8270A	02/18/98	ND	2.5
77142	o-Toluidine			EPA 8270A	02/18/98	ND	2.5
39400	Toxaphene			EPA 8080	02/19/98	ND	0.5
34551	1,2,4-Trichlorobenzene			EPA 8270A	02/18/98	ND	0.5
77687	2,4,5-Trichlorophenol			EPA 8270A	02/18/98	ND	2.5
34621	2,4,6-Trichlorophenol			EPA 8270A	02/18/98	ND	2.5
N/A	Triethyl phosphorothioate			EPA 8270A	02/18/98	ND	2.5
N/A	1,3,5-Trinitrobenzene			EPA 8270A	02/18/98	ND	2.5
77173	1,3-Dichloropropane			EPA 8260A	02/02/98	ND	0.5
77170	2,2-Dichloropropane			EPA 8260A	02/02/98	ND	0.5
77168	1,1-Dichloropropene			EPA 8260A	02/02/98	ND	0.5
34566	1,3-Dichlorobenzene			EPA 8260A	02/02/98	ND	0.5

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	Analysis Results/ Units (µg/l)	Detection Limits/ Units (µg/l)
34403	Indeno(1,2,3-cd)pyrene			EPA 8270A	02/18/98	ND	2.5
N/A	Kepone			EPA 8270A	02/18/98	ND	5
81597	Methyl methacrylate			EPA 8260A	02/02/98	ND	5

PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654
(813) 847-8902

REPORT OF ANALYSES

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

PROJECT NAME: RES REC LEAC QI
DATE: 02/06/98
DHRS # 44237, E44123

SAMPLE NUMBER- 64074 SAMPLE ID- A-1 PRIMARY SAMPLE MATRIX- LE
DATE SAMPLED- 01/27/98 LOCATION- TIME SAMPLED- 1155
DATE RECEIVED- 01/27/98 SAMPLER- CHRIS CHILDRESS RECEIVED BY- AS
TIME RECEIVED- 1415 DELIVERED BY- CHRIS CHILDRESS

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
WATER LEVEL	FIELD			01/27/98	1155	CHR	---------	FEET
FIELD PH	SM4500-H+B			01/27/98	1155	CHR	7.93	STD. UNITS
FIELD TEMPERATURE	SM2550B			01/27/98	1155	CHR	26.54	DEGREES C
FIELD CONDUCTIVITY	SM2510B			01/27/98	1155	CHR	80400	umhos/cm
DISSOLVED OXYGEN, FIELD	SM4500-O G			01/27/98	1155	CHR	0.26	mg/L
ALKALINITY,BICARB.	SM2320B			01/27/98	1600	JK	211	mg/l
CHLORIDE	SM4500CL E			02/03/98	1500	JK	33595	mg/L
COLOR	SM 2120B			01/27/98	1210	JK	57	PCU
AMMONIA NITROGEN	SM4500NH3H			02/03/98	1100	IF	42.1	mg/L
NITRATE	SM4500NO3F			01/28/98	1600	IF	<0.11	mg/L
TOTAL DISS.SOLIDS	SM2540C			01/27/98	1600	JK	71900	mg/L
IRON,TOTAL	SM3113B	01/30/98	TER	01/30/98	0930	TER	0.73	mg/L
MERCURY,TOTAL	SM3112B			02/04/98	1110	TER	0.0008	mg/L
SODIUM,TOTAL	SM3111B	01/30/98	TER	01/30/98	1050	TER	8420	mg/L

LABORATORY DIRECTOR

PASCO COUNTY, FLORIDA

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(813) 847-8902

REPORT OF ANALYSES

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

PROJECT NAME: RES REC LEAC QI
DATE: 02/06/98
DHRS # 44237, E44123

SAMPLE NUMBER- 64075 SAMPLE ID- A-1 SECONDARY SAMPLE MATRIX- LE
DATE SAMPLED- 01/27/98 LOCATION- TIME SAMPLED- 1300
DATE RECEIVED- 01/27/98 SAMPLER- CHRIS CHILDRESS RECEIVED BY- AS
TIME RECEIVED- 1415 DELIVERED BY- CHRIS CHILDRESS

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
WATER LEVEL	FIELD			01/27/98	1300	CHR	--------	FEET
FIELD PH	SM4500-H+B			01/27/98	1300	CHR	7.40	STD. UNITS
FIELD TEMPERATURE	SM2550B			01/27/98	1300	CHR	20.73	DEGREES C
FIELD CONDUCTIVITY	SM2510B			01/27/98	1300	CHR	21000	umhos/cm
DISSOLVED OXYGEN, FIELD	SM4500-O G			01/27/98	1300	CHR	1.40	mg/L
ALKALINITY,BICARB.	SM2320B			01/27/98	1600	JK	203	mg/l
CHLORIDE	SM4500CL E			02/03/98	1500	JK	6728	mg/L
COLOR	SM 2120B			01/27/98	1210	JK	55	PCU
AMMONIA NITROGEN	SM4500NH3H			02/03/98	1100	IF	2.55	mg/L
NITRATE	SM4500NO3F			01/28/98	1600	IF	2.35	mg/L
TOTAL DISS.SOLIDS	SM2540C			01/27/98	1600	JK	21400	mg/L
IRON,TOTAL	SM3113B	01/30/98	TER	01/30/98	0930	TER	0.19	mg/L
MERCURY,TOTAL	SM3112B			02/04/98	1110	TER	<0.0002	mg/L
SODIUM,TOTAL	SM3111B	01/30/98	TER	01/30/98	1050	TER	1700	mg/L

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REPORT OF ANALYSES

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

PROJECT NAME: RES REC LEAC QI
DATE: 02/06/98
DHRS # 44237, E44123

SAMPLE NUMBER- 64076 SAMPLE ID- SW PRIMARY SAMPLE MATRIX- LE
DATE SAMPLED- 01/27/98 LOCATION- TIME SAMPLED- 1045
DATE RECEIVED- 01/27/98 SAMPLER- CHRIS CHILDRESS RECEIVED BY- AS
TIME RECEIVED- 1415 DELIVERED BY- CHRIS CHILDRESS

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
WATER LEVEL	FIELD			01/27/98	1045	CHR	--------	FEET
FIELD PH	SM4500-H+B			01/27/98	1045	CHR	6.85	STD. UNITS
FIELD TEMPERATURE	SM2550B			01/27/98	1045	CHR	18.97	DEGREES C
FIELD CONDUCTIVITY	SM2510B			01/27/98	1045	CHR	3950	umhos/cm
DISSOLVED OXYGEN, FIELD	SM4500-O G			01/27/98	1045	CHR	0.70	mg/L
ALKALINITY,BICARB.	S2320B			01/27/98	1600	JK	305	mg/l
CHLORIDE	SM4500CL E			02/03/98	1500	JK	12017	mg/L
COLOR	SM 2120B			01/27/98	1210	JK	67	PCU
AMMONIA NITROGEN	SM4500NH3H			02/03/98	1100	IF	9.13	mg/L
NITRATE	SM4500NO3F			01/28/98	1600	IF	<0.11	mg/L
TOTAL DISS.SOLIDS	SM2540C			01/27/98	1600	JK	4060	mg/L
IRON,TOTAL	SM3113B	01/30/98	TER	01/30/98	0930	TER	0.92	mg/L
MERCURY,TOTAL	SM3112B			02/04/98	1110	TER	0.0004	mg/L
SODIUM,TOTAL	SM3111B	01/30/98	TER	01/30/98	1050	TER	237	mg/L

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REPORT OF ANALYSES

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

PROJECT NAME: RES REC LEAC QI
DATE: 02/06/98
DHRS # 44237, E44123

SAMPLE NUMBER- 64077 SAMPLE ID- SW SECONDARY SAMPLE MATRIX- LE
DATE SAMPLED- 01/27/98 LOCATION- TIME SAMPLED- 1115
DATE RECEIVED- 01/27/98 SAMPLER- CHRIS CHILDRESS RECEIVED BY- AS
TIME RECEIVED- 1415 DELIVERED BY- CHRIS CHILDRESS

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS
WATER LEVEL	FIELD			01/27/98	1115	CHR	--------	FEET
FIELD PH	SM4500-H+B			01/27/98	1115	CHR	6.75	STD. UNITS
FIELD TEMPERATURE	SM2550B			01/27/98	1115	CHR	19.25	DEGREES C
FIELD CONDUCTIVITY	SM2510B			01/27/98	1115	CHR	3820	umhos/cm
DISSOLVED OXYGEN, FIELD	SM4500-O G			01/27/98	1115	CHR	1.68	mg/L
ALKALINITY,BICARB.	SM2320B			01/27/98	1600	JK	234	mg/l
CHLORIDE	SM4500CL E			02/03/98	1500	JK	11127	mg/L
COLOR	SM 2120B			01/27/98	1210	JK	55	PCU
AMMONIA NITROGEN	SM4500NH3H			02/03/98	1100	IF	1.09	mg/L
NITRATE	SM4500NO3F			01/28/98	1600	IF	0.26	mg/L
TOTAL DISS.SOLIDS	SM2540C			01/27/98	1600	JK	2760	mg/L
IRON,TOTAL	SM3113B	01/30/98	TER	01/30/98	0930	TER	1.29	mg/L
MERCURY,TOTAL	SM3112B			02/04/98	1110	TER	0.0003	mg/L
SODIUM,TOTAL	SM3111B	01/30/98	TER	01/30/98	1050	TER	224	mg/L

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PASCO COUNTY, FLORIDA

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NEW PORT RICHEY, FL 34654
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QC REPORT FOR RESOURCE RECOVERY 02/06/98

QA/QC for SAMPLE Nos: 64074, 64075, 64076, 64077,
Page 1

		Precision Data				Accuracy Data	Reference Sample Data			
Analyte	LAB ID	Replicate A	Replicate B	Range	RPD %	% Spike Recovery	Reference Sample ID	Target	Found	% Recovery
ALKALINITY,BICARB.	64077	234	234	0	0.00	------	STD	100	99.5	99.50
SM2320B	-------	--------	--------	--------	--------	------	QC#3422	91.9	92.0	100.10
mg/l										
CHLORIDE	64040	--------	--------	--------	--------	97.30	STD	80.0	83.1	103.70
SM4500CL E	64074	32682	34508	1826	5.44	------	----------	--------	--------	------
mg/L										
COLOR	64076	65	70	5.0	7.41	------	STD	60	60	100.00
SM 2120B										
PCU										
AMMONIA NITROGEN	63928	4.31	4.27	0.040	0.93	------	NH3 STD	1.200	1.096	93.32
SM4500NH3H	64167	--------	--------	--------	--------	110.95	----------	--------	--------	------
mg/L										
NITRATE	64074	<0.11	<0.11	0.055	0.00	------	NO3 STD	4.000	4.081	102.04
SM4500NO3F	64077	0.26	0.25	0.010	3.92	------	----------	--------	--------	------
mg/L	64102	--------	--------	--------	--------	101.20	----------	--------	--------	------
TOTAL DISS.SOLIDS	64032	--------	--------	--------	--------	94.30	STD	293	285	97.30
SM2540C	64074	71600	72200	600	0.83	------	----------	--------	--------	------
mg/L										
IRON,TOTAL	64077	1.37	1.38	0.010	0.73	------	----------	--------	--------	------
SM3113B										
mg/L										

PASCO COUNTY, FLORIDA

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NEW PORT RICHEY, FL 34654
(813) 847-8902

QC REPORT FOR RESOURCE RECOVERY 02/06/98

QA/QC for SAMPLE Nos: 64074, 64075, 64076, 64077,

		Precision Data				Accuracy Data	Reference Sample Data			
Analyte	LAB ID	Replicate A	Replicate B	Range	RPD %	% Spike Recovery	Reference Sample ID	Target	Found	% Recovery
MERCURY,TOTAL SM3112B mg/L	64074	0.93	0.80	0.13	15.03	100.00	----------	--------	--------	------
SODIUM,TOTAL SM3111B mg/L	64074	16.62	16.83	0.21	1.26	103.50	----------	--------	--------	------

PASCO COUNTY, FLORIDA

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DATE, TIME, ANALYST REPORT

ANALYSIS	METHOD	ANALYSIS DATE	TIME	ANALYST
BICARB.ALK	SM2320B	01/27/98	1600	JK
CL- (auto)	SM4500CL E	02/03/98	1500	JK
COLOR	SM 2120B	01/27/98	1210	JK
COND.FIELD	SM2510B	01/27/98	1045	CHR
DO, FIELD	SM4500-O G	01/27/98	1045	CHR
FE/T/AA	SM3113B	01/30/98	0930	TER
FIELD TEMP	SM2550B	01/27/98	1045	CHR
H20 LEVEL	FIELD	01/27/98	1045	CHR
HG/T/CVAA	SM3112B	02/04/98	1110	TER
NA/T/FLAA	SM3111B	01/30/98	1050	TER
NH3 (AUTO)	SM4500NH3H	02/03/98	1100	IF
NO3	SM4500NO3F	01/28/98	1600	IF
PH, FIELD	SM4500-H+B	01/27/98	1045	CHR
TDS	SM2540C	01/27/98	1600	JK

First Coast Environmental Laboratory, Inc.
Quality Assurance / Quality Control Program

Analytical Quality Assurance Summary
Organic Analyses

Client: National Testing Labs/Broward Testing Labs
Sample ID: 9801-269
Date Rec.'d: 28-Jan-98
Analysis Date: 18-Feb-98

EPA 8270A Extractable Organics

Analyte	Accuracy %Recovery (MS)	%Recovery (MSD)	Precision RPD	Acceptance Limits Accuracy	Precision
Phenol	72.3	77.5	3.47	5 - 112	22.6
2-Chlorophenol	108	99.8	3.95	23 - 129	28.7
4-Chloro-3-methylphenol	91.2	78.4	7.55	22 - 147	37.2
4-Nitrophenol	73.6	88.9	9.42	1 - 132	47.2
Pentachlorophenol	92.1	95.6	1.86	14-171	48.9
1,4-Dichlorobenzene	98.8	95.7	1.59	1 - 108	32.1
N-nitroso-di-n-propylamine	95.1	81.5	7.70	1 - 180	55.4
1,2,4-Trichlorobenzene	88.6	103	7.52	44 - 145	28.1
Acenapthene	101	97.3	1.87	47 - 138	27.6
2,4-Dinitrotoluene	72.9	89.7	10.33	39 - 129	21.8
Pyrene	95.4	98.6	1.65	52 - 129	25.2
Surrogates					
2-Fluorobiphenyl	88.3	91.4	---	43 - 116	---
2-Fluorophenol	68.3	77.2	---	21 - 100	---
Nitrobenzene-d5	77.6	81.5	---	35 - 114	---
Phenol-d5	84.2	98.4	---	21 - 100	---
p-Terphenyl-d14	95.3	103	---	33 - 141	---
2,4,6-Tribromophenol	101	94.1	---	10 - 123	---

MS = Matrix Spike MSD = Matrix Spike Duplicate RPD = Relative Percent Deviation

Respectfully Submitted,

Barry C. Byrd, Jr. MS
Technical Director/QA Officer
FL Dept. of Health Safe Drinking Water Lab #82110
FL Dept. of Health Environmental Lab #E82102
FL DEP Comprensive QA Plan #870222
EPA Lab # FL00062

First Coast Environmental Laboratory, Inc.
Quality Assurance / Quality Control Program

Analytical Quality Assurance Summary
Organic Analyses

Client: National Testing Labs/Broward Testing Labs
Sample ID: 9801-269
Date Rec.'d: 28-Jan-98
Analysis Date: 03-Feb-98

EPA Method 504

Analyte	Accuracy %Recovery (MS)	Accuracy %Recovery (MSD)	Precision RPD	Acceptance Limits Accuracy	Acceptance Limits Precision
Ethylene Dibromide (EDB)	88.9	92.4	1.93	83 - 111	11
1,2-Dibromo-3-Chloropropane (DBCP)	101	98.6	1.20	84 - 110	12

MS = Matrix Spike **MSD = Matrix Spike Duplicate** **RPD = Relative Percent Deviation**

Respectfully Submitted,

Barry C. Byrd, Jr. MS
Technical Director/QA Officer
FL Dept. of Health Safe Drinking Water Lab #82110
FL Dept. of Health Environmental Lab #E82102
FL DEP Comprensive QA Plan #870222
EPA Lab # FL00062

First Coast Environmental Laboratory, Inc.
Quality Assurance / Quality Control Program

Analytical Quality Assurance Summary
Organic Analyses

Client: National Testing Labs/Broward Testing Labs
Sample ID: 9801-269
Date Rec.'d: 28-Jan-98
Analysis Date: 03-Feb-98

EPA 8260A Purgeable Organics

Analyte	Accuracy %Recovery (MS)	Accuracy %Recovery (MSD)	Precision RPD	Acceptance Limits Accuracy	Acceptance Limits Precision
Benzene	103	99.8	1.58	78 - 116	17
Chlorobenzene	92.5	97.3	2.53	81 - 115	18
1,1-Dichloroethene	91.2	95.8	2.46	75 - 113	20
Toluene	94.7	89.3	2.93	78 - 126	24
Trichloroethene	87.6	95.3	4.21	70 - 110	22
Surrogates					
Dibromofluoromethane	88.3	92.4	---	81 - 135	---
Toluene-d8	91.6	89.1	---	74 - 122	---
Bromofluorobenzene	95.3	99.2	---	81 - 137	---

MS = Matrix Spike MSD = Matrix Spike Duplicate RPD = Relative Percent Deviation

Respectfully Submitted,

Barry C. Byrd, Jr. MS
Technical Director/QA Officer
FL Dept. of Health Safe Drinking Water Lab #82110
FL Dept. of Health Environmental Lab #E82102
FL DEP Comprensive QA Plan #870222
EPA Lab # FL00062

First Coast Environmental Laboratory, Inc.
Quality Assurance / Quality Control Program

Analytical Quality Assurance Summary
Organic Analyses

Client: National Testing Labs/Broward Testing Labs
Sample ID: 9801-269
Date Rec.'d: 28-Jan-98
Analysis Date: 19-Feb-98

Pesticides/PCB's Method 8080

Analyte	Accuracy %Recovery (MS)	Accuracy %Recovery (MSD)	Precision RPD	Acceptance Limits Accuracy	Acceptance Limits Precision
Aldrin	91.3	101	5.04	89 - 133	7.5
Lindane	99.8	96.4	1.73	75 - 120	10.2
Methoxychlor	83.6	88.5	2.85	70 - 130	20
Toxaphene	72.8	79.6	4.46	41 - 146	11.4

MS = Matrix Spike **MSD = Matrix Spike Duplicate** **RPD = Relative Percent Deviation**

Respectfully Submitted,

Barry C. Byrd, Jr. MS
Technical Director/QA Officer
FL Dept. of Health Safe Drinking Water Lab #82110
FL Dept. of Health Environmental Lab #E82102
FL DEP Comprensive QA Plan #870222
EPA Lab # FL00062

First Coast Environmental Laboratory, Inc.
Quality Assurance / Quality Control Program

Analytical Quality Assurance Summary
Organic Analyses

Client: National Testing Labs/Broward Testing Labs
Sample ID: 9801-269
Date Rec.'d: 28-Jan-98
Analysis Date: 19-Feb-98

Herbicides EPA Method 8150

Analyte	Accuracy %Recovery (MS)	Accuracy %Recovery (MSD)	Precision RPD	Acceptance Limits Accuracy	Acceptance Limits Precision
2,4-D	83.7	85.6	1.12	65 - 89	12
2,4,5-TP (Silvex)	91.8	94.3	1.34	76 - 100	12

MS = Matrix Spike MSD = Matrix Spike Duplicate RPD = Relative Percent Deviation

Respectfully Submitted,

Barry C. Byrd, Jr. MS
Technical Director/QA Officer
FL Dept. of Health Safe Drinking Water Lab #82110
FL Dept. of Health Environmental Lab #E82102
FL DEP Comprensive QA Plan #870222
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First Coast Environmental Laboratory, Inc.
Quality Assurance / Quality Control Program

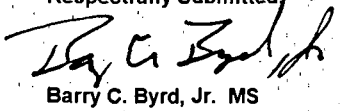
Analytical Quality Assurance Summary
Metals

Client: National Testing Labs/Broward Testing Labs
Sample ID: 9801-269
Date Rec.'d:

Analyte	Method	Determined Accuracy (%Recovery) MS	MSD	Precision RPD	Analysis Date	Acceptance Limits Accuracy	RPD
Arsenic	206.2	97.4	86.8	11.51	12-Mar-98	74.1 - 132	35
Barium	200.7	88	99	11.76	13-Mar-98	78 - 128.4	15.1
Cadmium	213.2	98.6	105.8	7.05	04-Feb-98	67 - 132	13.7
Chromium	200.7	99.4	112.8	12.63	12-Feb-98	82.7 - 118.5	12.7
Lead	239.2	95.8	96.8	1.04	31-Jan-98	66.8 - 132.9	22.9
Selenium	270.2	90	111.6	21.43	10-Feb-98	66.4 - 132.6	28
Silver	200.7	95.8	93.2	2.75	29-Jan-98	77.6 - 126.2	11
Antimony	204.2	103.5	97.3	6.18	06-Feb-98	59.7 - 127.6	31
Beryllium	200.7	88.7	91	2.56	09-Mar-98	75.6 - 142.1	9.5
Copper	200.7	102.7	96	6.74	29-Jan-98	77.2-118.4	11.1
Nickel	200.7	101.1	89.1	12.62	13-Feb-98	85.1 - 121.4	14.1
Thallium	279.2	104.2	97.7	6.44	05-Feb-98	63.5 - 142.4	24.3
Zinc	200.7	104.2	97.7	6.44	09-Mar-98	78.8 - 114.9	9.31
Cobalt	200.7	92	83.5	9.69	13-Feb-98	80.1 - 117.3	13.12
Vanadium	200.7	113.3	114.6	1.14	13-Feb-98	84.5 - 117.1	8.7

MS = Matrix Spike MSD = Matrix Spike Duplicate RPD = Relative Percent Deviation

Respectfully Submitted,



Barry C. Byrd, Jr. MS
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