

Table 1
Leachate Quality
Cell A-2 Sump

Parameter	9/8/97	9/15/97	9/22/97	9/30/97	10/7/97	10/21/97	12/24/97	12/31/97	1/7/98	1/14/98	1/21/98	1/28/98
Alkalinity as CaCO ₃	231	162	305	389	338	172						
Total Organic Carbon	41.2	59	56.7	35.9	38.5	14.4						
Chloride	22,419	17,216	29,110	23,120	28,072	18,737	20,558	49,991	45,435	35,259	33,485	36,557
Fluoride	0.12	0.13	0.14	0.24	0.14	0.13						
Ammonia N	22.4	13.2	28.9	27.2	23.7	13.3						
Kjeldahl N	22.6	13.4	28.6	26.0	24.6	13.6	10.2	48.4	15.1	40.8	41.2	34.4
Nitrite	0.03	0.02	0.06	<0.01	<0.01	<0.01						
Nitrate	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11						
pH, Lab	7.33	7.07	7.05		7.47	7.14	7.52	8.70	6.74	7.38	7.44	7.40
Total Phosphorus	0.30	0.11	0.17	0.09	0.18	0.21						
Total Dissolved Solids	82,500	69,400	98,500	58,900	64,100	45,400			129,000	111,600	156,200	87,600
Total Suspended Solids	22	23	3	32	302	23	34	17	506	486	592	408
Specific Conductivity	56,700	44,100	67,400	60,700	57,200	47,900			111,200	90,100	77,000	81,700
Sulfate	454	472	546	449	429	378			560	603	632	573
Aluminum	0.200	0.138	0.269	0.201	0.218	0.114						
Arsenic	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.04	<0.04	<0.04	<0.04
Barium	3.05	2.73	3.16	3.05	2.16	2.04						
Cadmium	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.15	0.12	0.17	0.13	0.13	0.13
Calcium	9,900	6,390	8,790	8,180	7,460	5,950						
Chromium	<0.01	0.012	<0.01	<0.01	0.016	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01
Copper	0.15	0.12	0.16	0.16	0.17	0.15	0.28	0.26	0.30	0.30	0.34	0.25
Iron	0.77	0.48	0.59	1.52	0.88	0.6						
Lead	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	2.30	1.82	1.58	1.69
Magnesium	4.33	5.06	3.44	3.87	4.10	4.87						
Manganese	0.52	0.56	0.38	0.58	0.57	0.52						
Nickel	0.61	0.40	0.59	0.52	0.57	0.46	1.19	1.03	1.19	0.92	1.04	1.11
Potassium	3,170	2,470	3,680	3,370	3,300	2,390						
Selenium	<0.01	<0.07	<0.01	<0.01	0.012	<0.01	<0.01	<0.01	<0.04	<0.04	<0.04	<0.04
Silver	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.31	0.25	0.34	0.25	0.25	0.26
Sodium	4,360	3,990	5,640	5,210	5,120	3,900						
Zinc	0.08	0.07	0.09	0.07	0.12	0.06	0.15	0.13	0.26	0.17	0.32	0.15
BOD							436	294	288	143	169	251

All concentrations in milligrams per liter (mg/l), except pH (in units) and specific conductivity (in micromhos per centimeter).

Transmit Confirmation Report

No. : 002
Receiver : 819414265409
Transmitter : WASTE MGT TAMPA SWDIST
Date : Feb 05 98 10:22
Time : 04:57
Mode : Norm
Pages : 08
Result : OK

FDEP

3804 Coconut Palm Drive, Tampa, FL 33619-8318

FAX

Date: 2-5-98

Number of pages including cover sheet: 8

To:

Cindy Mick

Phone: 941-426-9500

Fax phone: 941-426-5409

CC:

From:

Bob Butera

Phone: (813) 744-6100 EXT. 451

Fax phone: (813) 744-6125

REMARKS:



Urgent



For your review



Reply ASAP



Please comment

Enclosed are leachate sampling results received in October. If you have any questions please contact Allison Amundson for myself @ Ext: 336 or 451 respectively. I sincerely appreciate any assistance you may be able to provide.

Bob Butera

*W. Pasco
leachate quality*



PASCO COUNTY, FLORIDA

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

06 Oct 1997

RECEIVED
OCT 07 1997
D E P

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 II, 1997

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 second semester sampling period (July-Dec) and complete the compliance monitoring for leachate at this facility for 1997.

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

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OCT 07 1997

Florida Department of Environmental Protection

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

DEP Form # 62-522.600(2)

Form Title GROUND WATER MONITORING
REPORT

Effective Date _____

DEP Application No. _____

GROUND WATER MONITORING REPORT

Rule 62-522.600(11)

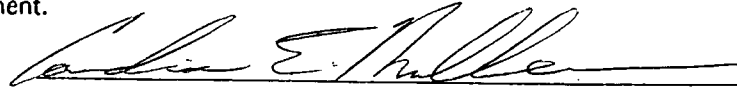
PART I GENERAL INFORMATION

- (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: 13 AUG '97



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

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

FCEL LAB # 9707-211

GROUND WATER MONITORING REPORT
Rule 62-522.600(11)

(1) Facility Name: _____
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: _____

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.

Signature of Owner or Authorized Representative

Sample Organization Comp QAP #	
Analytical Lab	Comp QAP # / HRS Cert. #
	Comp QAP # / HRS Cert. #
Lab Name:	
Address:	
City, State, Zip:	
Telephone Number:	

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030

Test Site ID #: NA

Well Name: A-1 Primary Tank Leachate

Classification of Groundwater: NA

Groundwater Elevation (NGVD):

or (MSL):

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OCT 07 1997

D E P

Sampling Date/Time: 07/18/97 @ 1100

Report Period: 1997 / Quarter III
(year/quarter)

Well Purged (Y/N): YES

Well Type: () Background
() Intermediate
() Compliance
() Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000620	Nitrate	Well Wiz. Ded. Mon. System	No	EPA 353.2	07/18/97 1500	<0.11 mg/L	0.15 mg/L
000940	Chloride	"	"	SM 4500Cl-B	07/21/97 1000	27,609 mg/L	0.15 mg/L
000400	pH-Field	"	"	EPA 150.1	07/18/97 1100	6.53 Std. Units	0.01 Std. Units
070300	Total Dis. Solids	"	"	SM 2540C	07/21/97 1600	42,200 mg/L	1 mg/L
000344	Dissolved Olygen	"	"	SM 4500 O G	07/18/97 1100	0.2 mg/L	1 mg/L
000410	Bicarbonate	"	"	EPA 310.1	07/18/97 1510	218 mg/L	1 mg/L
000095	Specific Cond. (Field)	"	"	SM 2510B	07/18/97 1100	52,000 μ mhos/cm	0.00 μ mhos/cm
000010	Temperature (Field)	"	"	SM 2550B	07/18/97 1100	31.5 °C	0 °C
000610	Ammonia	"	"	EPA 350.1	07/18/97 1630	22.5 mg/L	0.10 mg/L
001045	Iron	"	"	EPA 236.1	08/06/97 1110	1.29 mg/L	0.001 mg/L
000929	Sodium	"	"	EPA 273.1	08/06/97 1045	4,800 mg/L	0.01 mg/L
071900	Mercury	"	"	EPA 245.1	08/08/97 0905	0.0006 mg/L	0.0005 mg/L

*Attach Laboratory Reports

FIRST COAST ENVIRONMENTAL LABORATORY, INC.

BROWARD LAB # 1058007/A-1PRM

FCEL LAB # 9707-211

PART III - ANALYTICAL RESULTS

Facility GMS #: _____ Sampling Date/Time: July 18, 1997 / 1100 hr.

Test Site ID #: _____ Report Date: _____
(Year / Quarter)

Well Name: A-1PRM 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	Temp. (Field)					degree.C	degree.C
00400	pH (Field)					Std. Units	Std. Units
	Water Level Elev.					Ft. NGVD	Ft. NGVD
00094	Specific Cond. (Field)					umhos/cm	umhos/cm
01095	Antimony			EPA 204.2	7-23-97	0.0508	0.0013
01000	Arsenic			EPA 206.2	8-04-97	1.388	0.00074
01005	Barium			EPA 200.7	8-01-97	2.11	0.0048
01010	Beryllium			EPA 200.7	8-05-97	0.0066	0.0016
01025	Cadmium			EPA 213.2	7-28-97	< 0.000068	0.000068
01030	Chromium			EPA 200.7	7-22-97	< 0.022	0.022
01035	Cobalt			EPA 200.7	9-05-97	< 0.011	0.011
01040	Copper			EPA 200.7	7-22-97	< 0.0029	0.0029
01049	Lead			EPA 239.2	7-21-97	< 0.0002	0.0002
01065	Nickel			EPA 200.7	7-22-97	< 0.028	0.028
01145	Selenium			EPA 270.2	7-22-97	< 0.0016	0.0016
01075	Silver			EPA 200.7	7-22-97	< 0.003	0.003
01057	Thallium			EPA 279.2	7-22-97	< 0.00078	0.00078
01085	Vanadium			EPA 200.7	9-05-97	0.014	0.009
01090	Zinc			EPA 200.7	7-22-97	< 0.003	0.003

FIRST COAST ENVIRONMENTAL LABORATORY, INC.

BROWARD LAB # 1058007/A-1PRM

FCEL LAB # ~~9707-229~~ 9707-211
SH

PART III - ANALYTICAL RESULTS - (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered (Y) (N)	Analysis Method	Analysis Date	Analysis Results/ Units (ug/l)	Detection Limits Units (ug/l)
81552	Acetone			EPA 8260A	7-25-97	< 0.330	0.330
34215	Acrylonitrile			EPA 8260A	7-25-97	< 0.483	0.483
34235	Benzene			EPA 8260A	7-25-97	< 0.147	0.147
N/A	Bromochloromethane			EPA 8260A	7-25-97	< 0.300	0.300
32101	Bromodichloromethane			EPA 8260A	7-25-97	< 0.300	0.300
32104	Bromoform			EPA 8260A	7-25-97	< 0.226	0.226
77041	Carbon disulfide			EPA 8260A	7-25-97	< 0.459	0.459
32102	Carbon tetrachloride			EPA 8260A	7-25-97	< 0.316	0.316
34301	Chlorobenzene			EPA 8260A	7-25-97	< 0.234	0.234
34311	Chloroethane			EPA 8260A	7-25-97	< 0.148	0.148
32106	Chloroform			EPA 8260A	7-25-97	< 0.104	0.104
32105	Dibromochloromethane			EPA 8260A	7-25-97	< 0.185	0.185
38761	1,2-Dibromo-3-chloropropane			EPA 504	7-25-97	< 0.013	0.013
77651	1,2-Dibromoethane			EPA 504	7-25-97	< 0.014	0.014
34537	o-Dichlorobenzene			EPA 8260A	7-25-97	< 0.365	0.365
34571	p-Dichlorobenzene			EPA 8260A	7-25-97	< 0.298	0.298
49263	Trans-1,4-Dichloro-2-butene			EPA 8260A	7-25-97	< 0.221	0.221
34496	1,1-Dichloroethane			EPA 8260A	7-25-97	< 0.275	0.275
32103	1,2-Dichloroethane			EPA 8260A	7-25-97	< 0.128	0.128
34502	1,1-Dichloroethene			EPA 8260A	7-25-97	< 0.128	0.128
81686	cis-1,2-Dichloroethene			EPA 8260A	7-25-97	< 0.253	0.253
34546	trans-1,2-Dichloroethene			EPA 8260A	7-25-97	< 0.195	0.195
34541	1,2-Dichloropropane			EPA 8260A	7-25-97	< 0.147	0.147
34704	cis-1,3-Dichloropropene			EPA 8260A	7-25-97	< 0.157	0.157
34699	trans-1,3-Dichloropropene			EPA 8260A	7-25-97	< 0.198	0.198
78113	Ethylbenzene			EPA 8260A	7-25-97	< 0.173	0.173
77103	2-Hexanone			EPA 8260A	7-25-97	< 0.494	0.494
34413	Methyl bromide			EPA 8260A	7-25-97	< 0.177	0.177

Date Extraction: July 22, 1997

FIRST COAST ENVIRONMENTAL LABORATORY, INC.

BROWARD LAB # 1058007/A-1PRM

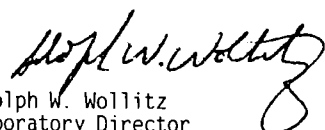
FCEL LAB # 9707-211

PART III - ANALYTICAL RESULTS - (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered (Y) (N)	Analysis Method	Analysis Date	Analysis Results/ Units (ug/l)	Detection Limits Units (ug/l)
34418	Methyl chloride			EPA 8260A	7-25-97	< 0.155	0.155
77596	Methylene bromide			EPA 8260A	7-25-97	< 0.347	0.347
34423	Methylene chloride			EPA 8260A	7-25-97	< 0.282	0.282
81595	Methyl ethyl ketone			EPA 8260A	7-25-97	< 0.154	0.154
49262	Methyl iodide			EPA 8260A	7-25-97	< 0.506	0.506
78133	4-Methyl-2-pentanone			EPA 8260A	7-25-97	< 0.520	0.520
77128	Styrene			EPA 8260A	7-25-97	< 0.213	0.213
77562	1,1,1,2-Tetrachloroethane			EPA 8260A	7-25-97	< 0.192	0.192
34516	1,1,2,2-Tetrachloroethane			EPA 8260A	7-25-97	< 0.200	0.200
34476	Tetrachloroethene			EPA 8260A	7-25-97	< 0.188	0.188
78131	Toluene			EPA 8260A	7-25-97	< 0.249	0.249
34506	1,1,1-Trichloroethane			EPA 8260A	7-25-97	< 0.296	0.296
34511	1,1,2-Trichloroethane			EPA 8260A	7-25-97	< 0.115	0.115
34485	Trichloroethene			EPA 8260A	7-25-97	< 0.183	0.183
34488	Trichlorofluoromethane			EPA 8260A	7-25-97	< 0.423	0.423
77443	1,2,3-Trichloropropane			EPA 8260A	7-25-97	< 0.137	0.137
77057	Vinyl acetate			EPA 8260A	7-25-97	< 0.483	0.483
39175	Vinyl chloride			EPA 8260A	7-25-97	< 0.205	0.205
81551	Xylenes			EPA 8260A	7-25-97	< 0.108	0.108

Date Extraction: July 22, 1997

Respectfully submitted:


 Adolph W. Wollitz
 Laboratory Director
 FDOH Lab #E82102
 FDOH Lab #82110
 EPA #FL00062
 DEP Comp QAPP # 870222

AWW/tb

Page 4 of 4

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030

Sampling Date/Time: 07/18/97 @ 1235

Test Site ID #: _____

Report Period: 1997 / Quarter III

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): —

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000620	Nitrate	Well Wiz. Ded. Mon. System	No	EPA 353.2	07/18/97 1500	<0.11 mg/L	0.15 mg/L
000940	Chloride	"	"	SM 4500Cl-B	07/21/97 1000	4,598 mg/L	0.15 mg/L
000400	pH-Field	"	"	EPA 150.1	07/18/97 1235	6.72 Std. Units	0.01 Std. Units
070300	Total Dis. Solids	"	"	SM 2540C	07/21/97 1600	9,050 mg/L	1 mg/L
000344	Dissolved Olygen	"	"	SM 4500 O G	07/18/97 1235	0.9 mg/L	1 mg/L
000410	Bicarbonate	"	"	EPA 310.1	07/18/97 1510	279 mg/L	1 mg/L
000095	Specific Cond. (Field)	"	"	SM 2510B	07/18/97 1235	11,180 μ mhos/cm	0.00 μ mhos/cm
000010	Temperature (Field)	"	"	SM 2550B	07/18/97 1235	30.4 °C	0 °C
000610	Ammonia	"	"	EPA 350.1	07/18/97 1630	22.0 mg/L	0.10 mg/L
001045	Iron	"	"	EPA 236.1	08/06/97 1110	0.64 mg/L	0.001 mg/L
000929	Sodium	"	"	EPA 273.1	08/06/97 1045	990 mg/L	0.01 mg/L
071900	Mercury	"	"	EPA 245.1	08/08/97 0905	0.0006 mg/L	0.0005 mg/L

*Attach Laboratory Reports

FIRST COAST ENVIRONMENTAL LABORATORY, INC.

BROWARD LAB # 1058009/SW-PRIM

FCEL LAB # 9707-213

PART III - ANALYTICAL RESULTS

Facility GMS #: _____ Sampling Date/Time: July 18, 1997 / 1235 hr.
 Test Site ID #: _____ Report Date: _____
 (Year / Quarter)
 Well Name: SW-PRIM 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	Temp.(Field)					degree.C	degree.C
00400	pH (Field)					Std. Units	Std. Units
	Water Level Elev.					Ft. NGVD	Ft. NGVD
00094	Specific Cond.(Field)					umhos/cm	umhos/cm
01095	Antimony			EPA 204.2	7-23-97	0.0168	0.0013
01000	Arsenic			EPA 206.2	8-04-97	0.0266	0.00074
01005	Barium			EPA 200.7	8-01-97	< 0.0048	0.0048
01010	Beryllium			EPA 200.7	8-05-97	0.0039	0.0016
01025	Cadmium			EPA 213.2	7-28-97	< 0.000068	0.000068
01030	Chromium			EPA 200.7	7-22-97	0.056	0.022
01035	Cobalt			EPA 200.7	9-05-97	0.070	0.011
01040	Copper			EPA 200.7	7-22-97	< 0.0029	0.0029
01049	Lead			EPA 239.2	7-21-97	< 0.0002	0.0002
01065	Nickel			EPA 200.7	7-22-97	0.030	0.028
01145	Selenium			EPA 270.2	7-22-97	0.0649	0.0016
01075	Silver			EPA 200.7	7-22-97	< 0.003	0.003
01057	Thallium			EPA 279.2	7-22-97	< 0.00078	0.00078
01085	Vanadium			EPA 200.7	9-05-97	< 0.009	0.009
01090	Zinc			EPA 200.7	7-22-97	< 0.003	0.003

FIRST COAST ENVIRONMENTAL LABORATORY, INC.

BROWARD LAB # 1058009/SW-PRIM

FCEL LAB # 9707-213

PART III - ANALYTICAL RESULTS - (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered (Y) (N)	Analysis Method	Analysis Date	Analysis Results/ Units (ug/l)	Detection Limits Units (ug/l)
81552	Acetone			EPA 8260A	7-25-97	< 0.330	0.330
34215	Acrylonitrile			EPA 8260A	7-25-97	< 0.483	0.483
34235	Benzene			EPA 8260A	7-25-97	< 0.147	0.147
N/A	Bromochloromethane			EPA 8260A	7-25-97	< 0.300	0.300
32101	Bromodichloromethane			EPA 8260A	7-25-97	< 0.300	0.300
32104	Bromoform			EPA 8260A	7-25-97	< 0.226	0.226
77041	Carbon disulfide			EPA 8260A	7-25-97	< 0.459	0.459
32102	Carbon tetrachloride			EPA 8260A	7-25-97	< 0.316	0.316
34301	Chlorobenzene			EPA 8260A	7-25-97	< 0.234	0.234
34311	Chloroethane			EPA 8260A	7-25-97	< 0.148	0.148
32106	Chloroform			EPA 8260A	7-25-97	< 0.104	0.104
32105	Dibromochloromethane			EPA 8260A	7-25-97	< 0.185	0.185
38761	1,2-Dibromo-3-chloropropane			EPA 504	7-25-97	< 0.013	0.013
77651	1,2-Dibromoethane			EPA 504	7-25-97	< 0.014	0.014
34537	o-Dichlorobenzene			EPA 8260A	7-25-97	< 0.365	0.365
34571	p-Dichlorobenzene			EPA 8260A	7-25-97	< 0.298	0.298
49263	Trans-1,4-Dichloro-2-butene			EPA 8260A	7-25-97	< 0.221	0.221
34496	1,1-Dichloroethane			EPA 8260A	7-25-97	< 0.275	0.275
32103	1,2-Dichloroethane			EPA 8260A	7-25-97	< 0.128	0.128
34502	1,1-Dichloroethene			EPA 8260A	7-25-97	< 0.128	0.128
81686	cis-1,2-Dichloroethene			EPA 8260A	7-25-97	< 0.253	0.253
34546	trans-1,2-Dichloroethene			EPA 8260A	7-25-97	< 0.195	0.195
34541	1,2-Dichloropropane			EPA 8260A	7-25-97	< 0.147	0.147
34704	cis-1,3-Dichloropropene			EPA 8260A	7-25-97	< 0.157	0.157
34699	trans-1,3-Dichloropropene			EPA 8260A	7-25-97	< 0.198	0.198
78113	Ethylbenzene			EPA 8260A	7-25-97	< 0.173	0.173
77103	2-Hexanone			EPA 8260A	7-25-97	< 0.494	0.494
34413	Methyl bromide			EPA 8260A	7-25-97	< 0.177	0.177

Date Extraction: July 22, 1997

FIRST COAST ENVIRONMENTAL LABORATORY, INC.

BROWARD LAB # 1058009/SW-PRIM

FCEL LAB # 9707-213

PART III - ANALYTICAL RESULTS - (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered (Y) (N)	Analysis Method	Analysis Date	Analysis Results/ Units (ug/l)	Detection Limits Units (ug/l)
34418	Methyl chloride			EPA 8260A	7-25-97	< 0.155	0.155
77596	Methylene bromide			EPA 8260A	7-25-97	< 0.347	0.347
34423	Methylene chloride			EPA 8260A	7-25-97	< 0.282	0.282
81595	Methyl ethyl ketone			EPA 8260A	7-25-97	< 0.154	0.154
49262	Methyl iodide			EPA 8260A	7-25-97	< 0.506	0.506
78133	4-Methyl-2-pentanone			EPA 8260A	7-25-97	< 0.520	0.520
77128	Styrene			EPA 8260A	7-25-97	< 0.213	0.213
77562	1,1,1,2-Tetrachloroethane			EPA 8260A	7-25-97	< 0.192	0.192
34516	1,1,2,2-Tetrachloroethane			EPA 8260A	7-25-97	< 0.200	0.200
34476	Tetrachloroethene			EPA 8260A	7-25-97	< 0.188	0.188
78131	Toluene			EPA 8260A	7-25-97	< 0.249	0.249
34506	1,1,1-Trichloroethane			EPA 8260A	7-25-97	< 0.296	0.296
34511	1,1,2-Trichloroethane			EPA 8260A	7-25-97	< 0.115	0.115
34485	Trichloroethene			EPA 8260A	7-25-97	< 0.183	0.183
34488	Trichlorofluoromethane			EPA 8260A	7-25-97	< 0.423	0.423
77443	1,2,3-Trichloropropane			EPA 8260A	7-25-97	< 0.137	0.137
77057	Vinyl acetate			EPA 8260A	7-25-97	< 0.483	0.483
39175	Vinyl chloride			EPA 8260A	7-25-97	< 0.205	0.205
81551	Xylenes			EPA 8260A	7-25-97	< 0.108	0.108

Date Extraction: July 22, 1997

Respectfully submitted:



Adolph W. Wollitz
Laboratory Director
FDOH Lab #E82102
FDOH Lab #82110
EPA #FL00062
DEP Comp QAPP # 870222

AWW/tb

Page 4 of 4

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

FCEL LAB # 9707-213

GROUND WATER MONITORING REPORT
Rule 62-522.600(11)

(1) Facility Name: _____
 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: _____

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: 09/29/97


Signature of Owner or Authorized Representative

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	

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030

Sampling Date/Time: 07/18/97 @ 1200

Test Site ID #:

Report Period: 1997 / Quarter III

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):

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000620	Nitrate	Well Wiz. Ded. Mon. System	No	EPA 353.2	07/18/97 1500	1.15 mg/L	0.15 mg/L
000940	Chloride	"	"	SM 4500Cl-B	07/21/97 1000	2,349 mg/L	0.15 mg/L
000400	pH-Field	"	"	EPA 150.1	07/18/97 1200	7.41 Std. Units	0.01 Std. Units
070300	Total Dis. Solids	"	"	SM 2540C	07/21/97 1600	5,760 mg/L	1 mg/L
000344	Dissolved Olygen	"	"	SM 4500 O G	07/18/97 1200	1.5 mg/L	1 mg/L
000410	Bicarbonate	"	"	EPA 310.1	07/18/97 1510	147 mg/L	1 mg/L
000095	Specific Cond. (Field)	"	"	SM 2510B	07/18/97 1200	6,070 μ mhos/cm	0.00 μ mhos/cm
000010	Temperature (Field)	"	"	SM 2550B	07/18/97 1200	30.7 °C	0 °C
000610	Ammonia	"	"	EPA 350.1	07/18/97 1630	<0.03 mg/L	0.10 mg/L
001045	Iron	"	"	EPA 236.1	08/06/97 1110	0.08 mg/L	0.001 mg/L
000929	Sodium	"	"	EPA 273.1	08/06/97 1045	509 mg/L	0.01 mg/L
071900	Mercury	"	"	EPA 245.1	08/08/97 0905	0.0006 mg/L	0.0005 mg/L

*Attach Laboratory Reports

FIRST COAST ENVIRONMENTAL LABORATORY, INC.

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

BROWARD LAB # 1058008/A-1SEC

FCEL LAB # 9707-212

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: _____
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.

Date: 09/29/97


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

FIRST COAST ENVIRONMENTAL LABORATORY, INC.

BROWARD LAB # 1058008/A-1SEC

FCEL LAB # 9707-212

PART III - ANALYTICAL RESULTS

Facility GMS #: _____ Sampling Date/Time: July 18, 1997 / 1200 hr.

Test Site ID #: _____ Report Date: _____
(Year / Quarter)

Well Name: A-1SEC Well Type: () Background
() Intermediate
() Compliance
() Other

Classification of Ground Water: _____

Ground Water Elevation (NGVD): _____
or (MSL): _____

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	Temp.(Field)					degree.C	degree.C
00400	pH (Field)					Std. Units	Std. Units
	Water Level Elev.					Ft. NGVD	Ft. NGVD
00094	Specific Cond.(Field)					umhos/cm	umhos/cm
01095	Antimony			EPA 204.2	7-23-97	0.0189	0.0013
01000	Arsenic			EPA 206.2	8-04-97	0.0754	0.00074
01005	Barium			EPA 200.7	8-01-97	< 0.0048	0.0048
01010	Beryllium			EPA 200.7	8-05-97	0.0041	0.0016
01025	Cadmium			EPA 213.2	7-28-97	< 0.00027	0.00027
01030	Chromium			EPA 200.7	7-22-97	0.022	0.022
01035	Cobalt			EPA 200.7	9-05-97	0.114	0.011
01040	Copper			EPA 200.7	7-22-97	0.0033	0.0029
01049	Lead			EPA 239.2	7-21-97	< 0.0002	0.0002
01065	Nickel			EPA 200.7	7-22-97	< 0.028	0.028
01145	Selenium			EPA 270.2	7-22-97	0.0227	0.0016
01075	Silver			EPA 200.7	7-22-97	< 0.003	0.003
01057	Thallium			EPA 279.2	7-22-97	< 0.00078	0.00078
01085	Vanadium			EPA 200.7	9-05-97	< 0.009	0.009
01090	Zinc			EPA 200.7	7-22-97	< 0.003	0.003

FIRST COAST ENVIRONMENTAL LABORATORY, INC.

BROWARD LAB # 1058008/A-1SEC

FCEL LAB # 9707-212

PART III - ANALYTICAL RESULTS - (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered (Y) (N)	Analysis Method	Analysis Date	Analysis Results/ Units (ug/l)	Detection Limits Units (ug/l)
81552	Acetone			EPA 8260A	7-25-97	< 0.330	0.330
34215	Acrylonitrile			EPA 8260A	7-25-97	< 0.483	0.483
34235	Benzene			EPA 8260A	7-25-97	< 0.147	0.147
N/A	Bromochloromethane			EPA 8260A	7-25-97	< 0.300	0.300
32101	Bromodichloromethane			EPA 8260A	7-25-97	< 0.300	0.300
32104	Bromoform			EPA 8260A	7-25-97	< 0.226	0.226
77041	Carbon disulfide			EPA 8260A	7-25-97	< 0.459	0.459
32102	Carbon tetrachloride			EPA 8260A	7-25-97	< 0.316	0.316
34301	Chlorobenzene			EPA 8260A	7-25-97	< 0.234	0.234
34311	Chloroethane			EPA 8260A	7-25-97	< 0.148	0.148
32106	Chloroform			EPA 8260A	7-25-97	< 0.104	0.104
32105	Dibromochloromethane			EPA 8260A	7-25-97	< 0.185	0.185
38761	1,2-Dibromo-3-chloropropane			EPA 504	7-25-97	< 0.013	0.013
77651	1,2-Dibromoethane			EPA 504	7-25-97	< 0.014	0.014
34537	o-Dichlorobenzene			EPA 8260A	7-25-97	< 0.365	0.365
34571	p-Dichlorobenzene			EPA 8260A	7-25-97	< 0.298	0.298
49263	Trans-1,4-Dichloro-2-butene			EPA 8260A	7-25-97	< 0.221	0.221
34496	1,1-Dichloroethane			EPA 8260A	7-25-97	< 0.275	0.275
32103	1,2-Dichloroethane			EPA 8260A	7-25-97	< 0.128	0.128
34502	1,1-Dichloroethene			EPA 8260A	7-25-97	< 0.128	0.128
81686	cis-1,2-Dichloroethene			EPA 8260A	7-25-97	< 0.253	0.253
34546	trans-1,2-Dichloroethene			EPA 8260A	7-25-97	< 0.195	0.195
34541	1,2-Dichloropropane			EPA 8260A	7-25-97	< 0.147	0.147
34704	cis-1,3-Dichloropropene			EPA 8260A	7-25-97	< 0.157	0.157
34699	trans-1,3-Dichloropropene			EPA 8260A	7-25-97	< 0.198	0.198
78113	Ethylbenzene			EPA 8260A	7-25-97	< 0.173	0.173
77103	2-Hexanone			EPA 8260A	7-25-97	< 0.494	0.494
34413	Methyl bromide			EPA 8260A	7-25-97	< 0.177	0.177

Date Extraction: July 22, 1997

FIRST COAST ENVIRONMENTAL LABORATORY, INC.

BROWARD LAB # 1058008/A-1SEC

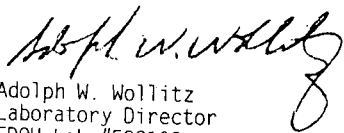
FCEL LAB # 9707-212

PART III - ANALYTICAL RESULTS - (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered (Y) (N)	Analysis Method	Analysis Date	Analysis Results/ Units (ug/l)	Detection Limits Units (ug/l)
34418	Methyl chloride			EPA 8260A	7-25-97	< 0.155	0.155
77596	Methylene bromide			EPA 8260A	7-25-97	< 0.347	0.347
34423	Methylene chloride			EPA 8260A	7-25-97	< 0.282	0.282
81595	Methyl ethyl ketone			EPA 8260A	7-25-97	< 0.154	0.154
49262	Methyl iodide			EPA 8260A	7-25-97	< 0.506	0.506
78133	4-Methyl-2-pentanone			EPA 8260A	7-25-97	< 0.520	0.520
77128	Styrene			EPA 8260A	7-25-97	< 0.213	0.213
77562	1,1,1,2-Tetrachloroethane			EPA 8260A	7-25-97	< 0.192	0.192
34516	1,1,2,2-Tetrachloroethane			EPA 8260A	7-25-97	< 0.200	0.200
34476	Tetrachloroethene			EPA 8260A	7-25-97	< 0.188	0.188
78131	Toluene			EPA 8260A	7-25-97	< 0.249	0.249
34506	1,1,1-Trichloroethane			EPA 8260A	7-25-97	< 0.296	0.296
34511	1,1,2-Trichloroethane			EPA 8260A	7-25-97	< 0.115	0.115
34485	Trichloroethene			EPA 8260A	7-25-97	< 0.183	0.183
34488	Trichlorofluoromethane			EPA 8260A	7-25-97	< 0.423	0.423
77443	1,2,3-Trichloropropane			EPA 8260A	7-25-97	< 0.137	0.137
77057	Vinyl acetate			EPA 8260A	7-25-97	< 0.483	0.483
39175	Vinyl chloride			EPA 8260A	7-25-97	< 0.205	0.205
81551	Xylenes			EPA 8260A	7-25-97	< 0.108	0.108

Date Extraction: July 22, 1997

Respectfully submitted:



Adolph W. Wollitz
Laboratory Director
FDOH Lab #E82102
FDOH Lab #82110
EPA #FL00062
DEP Comp QAPP # 870222

AWW/tb

Page 4 of 4

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030

Sampling Date/Time: 07/18/97 @ 1300

Test Site ID #:

Report Period: 1997 / Quarter III

Well Name: SW Secondary Tank Leachate

Well Purged (Y/N): YES

Classification of Groundwater:

Well Type: () Background

Groundwater Elevation (NGVD):

() Intermediate

or (MSL): -

() Compliance

() Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000620	Nitrate	Well Wiz. Ded. Mon. System	No	EPA 353.2	07/18/97 1500	<0.11 mg/L	0.15 mg/L
000940	Chloride	"	"	SM 4500Cl-B	07/21/97 1000	4,890 mg/L	0.15 mg/L
000400	pH-Field	"	"	EPA 150.1	07/18/97 1300	6.45 Std. Units	0.01 Std. Units
070300	Total Dis. Solids	"	"	SM 2540C	07/21/97 1600	11,400 mg/L	1 mg/L
000344	Dissolved Olygen	"	"	SM 4500 O G	07/18/97 1300	0.9 mg/L	1 mg/L
000410	Bicarbonate	"	"	EPA 310.1	07/18/97 1510	196 mg/L	1 mg/L
000095	Specific Cond. (Field)	"	"	SM 2510B	07/18/97 1300	11,725 μ mhos/cm	0.00 μ mhos/cm
000010	Temperature (Field)	"	"	SM 2550B	07/18/97 1300	31.5 $^{\circ}$ C	0 $^{\circ}$ C
000610	Ammonia	"	"	EPA 350.1	07/18/97 1630	4.27 mg/L	0.10 mg/L
001045	Iron	"	"	EPA 236.1	08/06/97 1110	2.60 mg/L	0.001 mg/L
000929	Sodium	"	"	EPA 273.1	08/06/97 1045	1,040 mg/L	0.01 mg/L
071900	Mercury	"	"	EPA 245.1	08/08/97 0905	0.0006 mg/L	0.0005 mg/L

* Attach Laboratory Reports

FIRST CO. OF ENVIRONMENTAL LABORATORY, INC.

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

BROWARD LAB # 1058010/SW-SEC

FCEL LAB # 9707-214

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)

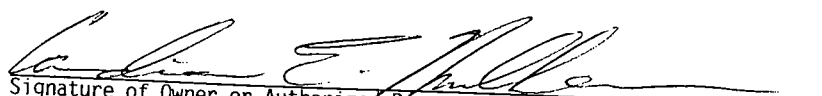
PART I - GENERAL INFORMATION

- (1) Facility Name: _____
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.

Date: 09/29/97


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

FIRST COAST ENVIRONMENTAL LABORATORY, INC.

BROWARD LAB # 1058010/SW-SEC

FCEL LAB # 9707-214

PART III - ANALYTICAL RESULTS

Facility GMS #: _____ Sampling Date/Time: July 18, 1997 / 1300 hr.
 Test Site ID #: _____ Report Date: _____
 (Year / Quarter)
 Well Name: SW-SEC 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	Temp.(Field)					degree.C	degree.C
00400	pH (Field)					Std. Units	Std. Units
	Water Level Elev.					Ft. NGVD	Ft. NGVD
00094	Specific Cond.(Field)					umhos/cm	umhos/cm
01095	Antimony			EPA 204.2	7-23-97	0.025	0.0013
01000	Arsenic			EPA 206.2	8-04-97	0.050	0.00074
01005	Barium			EPA 200.7	8-01-97	0.0058	0.0048
01010	Beryllium			EPA 200.7	8-05-97	0.0055	0.0016
01025	Cadmium			EPA 213.2	7-28-97	< 0.00027	0.00027
01030	Chromium			EPA 200.7	7-22-97	0.028	0.022
01035	Cobalt			EPA 200.7	9-05-97	0.201	0.011
01040	Copper			EPA 200.7	7-22-97	< 0.0029	0.0029
01049	Lead			EPA 239.2	7-21-97	< 0.0002	0.0002
01065	Nickel			EPA 200.7	7-22-97	0.032	0.028
01145	Selenium			EPA 270.2	7-22-97	0.0438	0.0016
01075	Silver			EPA 200.7	7-22-97	< 0.003	0.003
01057	Thallium			EPA 279.2	7-22-97	< 0.00078	0.00078
01085	Vanadium			EPA 200.7	9-05-97	< 0.009	0.009
01090	Zinc			EPA 200.7	7-22-97	< 0.003	0.003

FIRST COAST ENVIRONMENTAL LABORATORY, INC.

BROWARD LAB # 1058010/SW-SEC

FCEL LAB # 9707-214

PART III - ANALYTICAL RESULTS - (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered (Y) (N)	Analysis Method	Analysis Date	Analysis Results/ Units (ug/l)	Detection Limits Units (ug/l)
81552	Acetone			EPA 8260A	7-25-97	< 0.330	0.330
34215	Acrylonitrile			EPA 8260A	7-25-97	< 0.483	0.483
34235	Benzene			EPA 8260A	7-25-97	< 0.147	0.147
N/A	Bromochloromethane			EPA 8260A	7-25-97	< 0.300	0.300
32101	Bromodichloromethane			EPA 8260A	7-25-97	< 0.300	0.300
32104	Bromoform			EPA 8260A	7-25-97	< 0.226	0.226
77041	Carbon disulfide			EPA 8260A	7-25-97	< 0.459	0.459
32102	Carbon tetrachloride			EPA 8260A	7-25-97	< 0.316	0.316
34301	Chlorobenzene			EPA 8260A	7-25-97	< 0.234	0.234
34311	Chloroethane			EPA 8260A	7-25-97	< 0.148	0.148
32106	Chloroform			EPA 8260A	7-25-97	< 0.104	0.104
32105	Dibromochloromethane			EPA 8260A	7-25-97	< 0.185	0.185
38761	1,2-Dibromo-3-chloropropane			EPA 504	7-25-97	< 0.013	0.013
77651	1,2-Dibromoethane			EPA 504	7-25-97	< 0.014	0.014
34537	o-Dichlorobenzene			EPA 8260A	7-25-97	< 0.365	0.365
34571	p-Dichlorobenzene			EPA 8260A	7-25-97	< 0.298	0.298
49263	Trans-1,4-Dichloro-2-butene			EPA 8260A	7-25-97	< 0.221	0.221
34496	1,1-Dichloroethane			EPA 8260A	7-25-97	< 0.275	0.275
32103	1,2-Dichloroethane			EPA 8260A	7-25-97	< 0.128	0.128
34502	1,1-Dichloroethene			EPA 8260A	7-25-97	< 0.128	0.128
81686	cis-1,2-Dichloroethene			EPA 8260A	7-25-97	< 0.253	0.253
34546	trans-1,2-Dichloroethene			EPA 8260A	7-25-97	< 0.195	0.195
34541	1,2-Dichloropropane			EPA 8260A	7-25-97	< 0.147	0.147
34704	cis-1,3-Dichloropropene			EPA 8260A	7-25-97	< 0.157	0.157
34699	trans-1,3-Dichloropropene			EPA 8260A	7-25-97	< 0.198	0.198
78113*	Ethylbenzene			EPA 8260A	7-25-97	< 0.173	0.173
77103	2-Hexanone			EPA 8260A	7-25-97	< 0.494	0.494
34413	Methyl bromide			EPA 8260A	7-25-97	< 0.177	0.177

Date Extraction: July 22, 1997

FIRST COAST ENVIRONMENTAL LABORATORY, INC.

BROWARD LAB # 1058010/SW-SEC

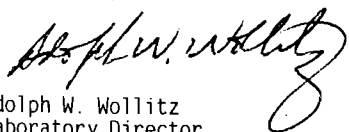
FCEL LAB # 9707-214

PART III - ANALYTICAL RESULTS - (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered (Y) (N)	Analysis Method	Analysis Date	Analysis Results/ Units (ug/l)	Detection Limits Units (ug/l)
34418	Methyl chloride			EPA 8260A	7-25-97	< 0.155	0.155
77596	Methylene bromide			EPA 8260A	7-25-97	< 0.347	0.347
34423	Methylene chloride			EPA 8260A	7-25-97	< 0.282	0.282
81595	Methyl ethyl ketone			EPA 8260A	7-25-97	< 0.154	0.154
49262	Methyl iodide			EPA 8260A	7-25-97	< 0.506	0.506
78133	4-Methyl-2-pentanone			EPA 8260A	7-25-97	< 0.520	0.520
77128	Styrene			EPA 8260A	7-25-97	< 0.213	0.213
77562	1,1,1,2-Tetrachloroethane			EPA 8260A	7-25-97	< 0.192	0.192
34516	1,1,2,2-Tetrachloroethane			EPA 8260A	7-25-97	< 0.200	0.200
34476	Tetrachloroethene			EPA 8260A	7-25-97	< 0.188	0.188
78131	Toluene			EPA 8260A	7-25-97	< 0.249	0.249
34506	1,1,1-Trichloroethane			EPA 8260A	7-25-97	< 0.296	0.296
34511	1,1,2-Trichloroethane			EPA 8260A	7-25-97	< 0.115	0.115
34485	Trichloroethene			EPA 8260A	7-25-97	< 0.183	0.183
34488	Trichlorofluoromethane			EPA 8260A	7-25-97	< 0.423	0.423
77443	1,2,3-Trichloropropane			EPA 8260A	7-25-97	< 0.137	0.137
77057	Vinyl acetate			EPA 8260A	7-25-97	< 0.483	0.483
39175	Vinyl chloride			EPA 8260A	7-25-97	< 0.205	0.205
81551	Xylenes			EPA 8260A	7-25-97	< 0.108	0.108

Date Extraction: July 22, 1997

Respectfully submitted:



Adolph W. Wollitz
Laboratory Director
FDOH Lab #E82102
FDOH Lab #82110
EPA #FL00062
DEP Comp QAPP # 870222

AWW/tb

Page 4 of 4



PASCO COUNTY, FLORIDA

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

REPORT OF ANALYSES

RECEIVED
OCT 07 1997
DEP

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

PROJECT NAME: RR LEAC QII 97
DATE: 08/11/97
DHRS # 44237, E44123

SAMPLE NUMBER- 58699 SAMPLE ID- A1-PRIM
DATE SAMPLED- 07/18/97 LOCATION-
DATE RECEIVED- 07/18/97 SAMPLER- CHRIS CHILDRESS
TIME RECEIVED- 1345 DELIVERED BY- CHRIS CHILDRESS

SAMPLE MATRIX- LE
TIME SAMPLED- 1100
RECEIVED BY- TER

Page 1 of 1

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT	UNITS
WATER LEVEL	FIELD		07/18/97	1100	CHR	-----	FEET
FIELD PH	EPA 150.1		07/18/97	1100	CHR	6.53	STD. UNITS
FIELD TEMPERATURE	SM2550B		07/18/97	1100	CHR	31.5	DEGREES C
FIELD CONDUCTIVITY	SM2510B		07/18/97	1100	CHR	52000	umhos/cm
DISSOLVED OXYGEN, FIELD	SM4500-O G		07/18/97	1100	CHR	0.2	mg/L
ALKALINITY, BICARB.	EPA310.1		07/18/97	1510	CMM	218	mg/l
CHLORIDE	EPA 325.2		07/21/97	1000	CMM	27609	mg/L
COLOR	EPA 110.2		07/18/97	1500	CMM	225	PCU
AMMONIA NITROGEN	SM4500NH3E		07/18/97	1630	IF	22.5	mg/L
NITRATE	EPA 353.2		07/18/97	1500	IF	<0.11	mg/L
TOTAL DISS. SOLIDS	EPA160.1		07/21/97	1600	CMM	42200	mg/L
IRON, TOTAL	SM3113B	08/05/97	TER 08/06/97	1110	TER	1.29	mg/L
MERCURY, TOTAL	245.1		08/08/97	0905	TER	0.0006	mg/L
SODIUM, TOTAL	273.1	08/05/97	TER 08/06/97	1045	TER	4800	mg/L

LABORATORY DIRECTOR



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: RR LEAC QII 97
DATE: 08/11/97
DHRS # 44237, E44123

SAMPLE NUMBER- 58700 SAMPLE ID- A1-SEC
DATE SAMPLED- 07/18/97 LOCATION-
DATE RECEIVED- 07/18/97 SAMPLER- CHRIS CHILDRESS
TIME RECEIVED- 1345 DELIVERED BY- CHRIS CHILDRESS

SAMPLE MATRIX- LE
TIME SAMPLED- 1200
RECEIVED BY- TER

Page 1 of 1

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT	UNITS
WATER LEVEL	FIELD		07/18/97	1200	CHR	-----	FEET
FIELD PH	EPA 150.1		07/18/97	1200	CHR	7.41	STD. UNITS
FIELD TEMPERATURE	SM2550B		07/18/97	1200	CHR	30.7	DEGREES C
FIELD CONDUCTIVITY	SM2510B		07/18/97	1200	CHR	6070	umhos/cm
DISSOLVED OXYGEN, FIELD	SM4500-O G		07/18/97	1200	CHR	1.5	mg/L
ALKALINITY, BICARB.	EPA310.1		07/18/97	1510	CMM	147	mg/l
CHLORIDE	EPA 325.2		07/21/97	1000	CMM	2349	mg/L
COLOR	EPA 110.2		07/18/97	1500	CMM	45	PCU
AMMONIA NITROGEN	SM4500NH3E		07/18/97	1630	IF	<0.03	mg/L
NITRATE	EPA 353.2		07/18/97	1500	IF	1.15	mg/L
TOTAL DISS. SOLIDS	EPA160.1		07/21/97	1600	CMM	5760	mg/L
IRON, TOTAL	SM3113B	08/05/97	TER 08/06/97	1110	TER	0.08	mg/L
MERCURY, TOTAL	245.1		08/08/97	0905	TER	0.0006	mg/L
SODIUM, TOTAL	273.1	08/05/97	TER 08/06/97	1045	TER	509	mg/L

LABORATORY DIRECTOR



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: RR LEAC QII 97
DATE: 08/11/97
DHRS # 44237, E44123

SAMPLE NUMBER- 58701 SAMPLE ID- SW-PRIM
DATE SAMPLED- 07/18/97 LOCATION-
DATE RECEIVED- 07/18/97 SAMPLER- CHRIS CHILDRESS
TIME RECEIVED- 1345 DELIVERED BY- CHRIS CHILDRESS

SAMPLE MATRIX- LE
TIME SAMPLED- 1235
RECEIVED BY- TER

Page 1 of 1

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT	UNITS
WATER LEVEL	FIELD		07/18/97	1235	CHR	-----	FEET
FIELD PH	EPA 150.1		07/18/97	1235	CHR	6.72	STD. UNITS
FIELD TEMPERATURE	SM2550B		07/18/97	1235	CHR	30.4	DEGREES C
FIELD CONDUCTIVITY	SM2510B		07/18/97	1235	CHR	11180	umhos/cm
DISSOLVED OXYGEN, FIELD	SM4500-O G		07/18/97	1235	CHR	0.9	mg/L
ALKALINITY, BICARB.	EPA310.1		07/18/97	1510	CMM	279	mg/l
CHLORIDE	EPA 325.2		07/21/97	1000	CMM	4598	mg/L
COLOR	EPA 110.2		07/18/97	1500	CMM	55	PCU
AMMONIA NITROGEN	SM4500NH3E		07/18/97	1630	IF	22.0	mg/L
NITRATE	EPA 353.2		07/18/97	1500	IF	<0.11	mg/L
TOTAL DISS. SOLIDS	EPA160.1		07/21/97	1600	CMM	9050	mg/L
IRON, TOTAL	SM3113B	08/05/97	TER 08/06/97	1110	TER	0.64	mg/L
MERCURY, TOTAL	245.1		08/08/97	0905	TER	0.0006	mg/L
SODIUM, TOTAL	273.1	08/05/97	TER 08/06/97	1045	TER	990	mg/L

LABORATORY DIRECTOR



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: RR LEAC QII 97
DATE: 08/11/97
DHRS # 44237, E44123

SAMPLE NUMBER- 58702	SAMPLE ID- SW-SEC	SAMPLE MATRIX- LE
DATE SAMPLED- 07/18/97	LOCATION-	TIME SAMPLED- 1300
DATE RECEIVED- 07/18/97	SAMPLER- CHRIS CHILDRESS	RECEIVED BY- TER
TIME RECEIVED- 1345	DELIVERED BY- CHRIS CHILDRESS	

Page 1 of 1

ANALYSIS	METHOD	SAMPLE PREP		ANALYSIS		RESULT	UNITS
		DATE	BY	DATE	TIME		
WATER LEVEL	FIELD			07/18/97	1300	CHR	----- FEET
FIELD PH	EPA 150.1			07/18/97	1300	CHR	6.45 STD. UNITS
FIELD TEMPERATURE	SM2550B			07/18/97	1300	CHR	31.5 DEGREES C
FIELD CONDUCTIVITY	SM2510B			07/18/97	1300	CHR	11725 umhos/cm
DISSOLVED OXYGEN, FIELD	SM4500-O G			07/18/97	1300	CHR	0.9 mg/L
ALKALINITY, BICARB.	EPA310.1			07/18/97	1510	CMM	196 mg/l
CHLORIDE	EPA 325.2			07/21/97	1000	CMM	4890 mg/L
COLOR	EPA 110.2			07/18/97	1500	CMM	80 PCU
AMMONIA NITROGEN	SM4500NH3E			07/18/97	1630	IF	4.27 mg/L
NITRATE	EPA 353.2			07/18/97	1500	IF	<0.11 mg/L
TOTAL DISS. SOLIDS	EPA160.1			07/21/97	1600	CMM	11400 mg/L
IRON, TOTAL	SM3113B	08/05/97	TER	08/06/97	1110	TER	2.60 mg/L
MERCURY, TOTAL	245.1			08/08/97	0905	TER	0.0006 mg/L
SODIUM, TOTAL	273.1	08/05/97	TER	08/06/97	1045	TER	1040 mg/L

LABORATORY DIRECTOR

PASCO COUNTY, FLORIDA

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

QC REPORT FOR RESOURCE RECOVERY 08/11/97

QA/QC for SAMPLE Nos: 58699, 58700, 58701, 58702.

Page 1

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	58701	279	279	0	0.00	-----	STD	100.00	100.40	100.40
	58702	-----	-----	-----	-----	97.38	HACH STD	250.0	250.2	100.10
CHLORIDE EPA 325.2 mg/L	58699	28230	26988	1242	4.50	-----	STD	80.00	80.16	100.20
	58700	2352	2346	6.0	0.26	-----	STD	80.00	80.65	100.80
	58701	4838	4358	480	10.44	-----	STD	80.00	78.26	97.82
	58702	5000	4780	220	4.50	-----	STD	80.00	82.89	103.60
	-----	-----	-----	-----	-----	-----	STD	80.00	84.61	105.70
	-----	-----	-----	-----	-----	-----	STD	40.00	42.58	106.40
COLOR EPA 110.2 PCU	58702	80	80	0	0.00	-----	STD	20	20	100.00
AMMONIA NITROGEN SM4500NH3E mg/L	58699	22.55	22.41	0.14	0.62	-----	NH3 STD	1.200	1.119	93.26
	58700	-----	-----	-----	-----	91.21	NH3 STD	1.200	1.211	100.96
	58702	4.32	4.21	0.11	2.58	-----	-----	-----	-----	-----
NITRATE EPA 353.2 mg/L	58699	<0.11	<0.11	0.055	0.00	97.02	NO3 STD	4.000	3.871	96.76
	-----	-----	-----	-----	-----	-----	NO3 STD	4.000	3.859	96.47
TOTAL DISS.SOLIDS EPA160.1 mg/L	58699	40125	44250	4125	9.78	- -----	STD	293	295	100.70



PASCO COUNTY, FLORIDA

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

QC REPORT FOR RESOURCE RECOVERY 08/11/97

QA/QC for SAMPLE Nos: 58699, 58700, 58701, 58702,
Page 2

Analyte	LAB ID	Precision Data				Accuracy Data	Reference Sample Data			
		Replicate A	Replicate B	Range	RPD %	% Spike Recovery	Reference Sample ID	Target	Found	% Recovery
IRON, TOTAL SM31138 mg/L	58702	2.598	2.596	0.0020	0.08	101.10	-----	-----	-----	-----
MERCURY, TOTAL 245.1 mg/L	58942	0.62	0.70	0.080	12.12	100.00	-----	-----	-----	-----
SODIUM, TOTAL 273.1 mg/L	58699	9.87	9.59	0.28	2.88	100.80	-----	-----	-----	-----

PASCO COUNTY, FLORIDA

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

QC REPORT FOR EAST PASCO SANITARY LANDFILL 08/11/97

QA/QC for SAMPLE Nos: 58942, 58943, 58944, 58945, 58946.

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. EPA310.1 mg/l	58942	2288	2314	26	1.13	-----	STD	100.0	99.50	99.50
	58945	-----	-----	-----	-----	97.79	HACH STD	250.0	250.8	100.30
CHLORIDE EPA 325.2 mg/L	58942	589	592	3.0	0.51	-----	STD	80.00	78.71	98.39
	58943	357	328	29	8.47	-----	STD	80.00	77.01	96.26
	58944	695	737	42	5.87	-----	STD	80.00	76.44	95.55
	58945	78.1	79.1	1.0	1.27	-----	STD	80.00	78.11	97.64
	58946	597	587	10	1.69	-----	ERA 9976	108.0	107.4	99.44
	58987	25774	25328	446	1.75	-----	-----	-----	-----	-----
COLOR EPA 110.2 PCU	58942	900	1000	100	10.53	-----	STD	30	30	100.00
	58946	750	750	0	0.00	-----	-----	-----	-----	-----
AMMONIA NITROGEN SM4500NH3E mg/L	58945	40.4	39.6	0.80	2.00	101.80	NH3 STD	1.200	1.151	95.91
NITRATE EPA 353.2 mg/L	58942	-----	-----	-----	-----	94.99	NO3 STD	4.000	3.776	94.41
	58944	<0.11	<0.11	0.055	0.00	-----	NO3 STD	4.000	3.658	91.44
TOTAL DISS.SOLIDS EPA160.1 mg/L	58945	608	580	28	4.71	- -----	STD	293	298	101.70



PASCO COUNTY, FLORIDA

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

QC REPORT FOR EAST PASCO SANITARY LANDFILL 08/11/97

QA/QC for SAMPLE Nos: 58942, 58943, 58944, 58945, 58946.

Page 2

Analyte	LAB ID	Precision Data				Accuracy Data	Reference Sample Data			
		Replicate A	Replicate B	Range	RPD %	% Spike Recovery	Reference Sample ID	Target	Found	% Recovery
IRON, TOTAL SM31138 mg/L	58702	2.598	2.596	0.0020	0.08	101.10	-----	-----	-----	-----
MERCURY, TOTAL 245.1 mg/L	58942	0.62	0.70	0.080	12.12	100.00	-----	-----	-----	-----
SODIUM, TOTAL 273.1 mg/L	58699	9.87	9.59	0.28	2.88	100.80	-----	-----	-----	-----

FIRST COAST ENVIRONMENTAL LABORATORY, INC.

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

Analytical Quality Assurance Summary Metals

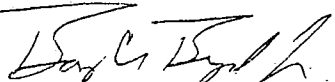
Client: National Testing Labs/Broward Testing Labs
Sample ID: 9707-211
Date Rec'd: 21-Jul-97

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OCT 10 / 1997
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Analyte	Method	Determined Accuracy (%Recovery)		Precision RPD	Acceptance Limits	
		MS	MSD		Accuracy	RPD
Arsenic	206.2	93.1	105.3	12.3	74.1 - 132	35
Barium	200.7	88.2	88	0.23	78 - 128.4	15.1
Chromium	200.7	81.3	80.9	0.49	82.7 - 118.5	12.7
Silver	200.7	87.9	82.2	6.7	77.6 - 126.2	11
Beryllium	200.7	98.6	101.7	3.06	75.6 - 142.1	9.5
Copper	200.7	90.3	93.2	3.16	77.2-118.4	11.1
Nickel	200.7	82.7	84.3	1.92	90.1 - 121.4	9.9
Zinc	200.7	80	80	0	78.8 - 114.9	9.31
Cobalt	200.7	95.1	90	5.5	84.1 - 117.3	3.12
Vanadium	200.7	103	101	2	84.5 - 117.1	8.7

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 Comprehensive QA Plan #870222

EPA Lab # FL00062 8818 Arlington Expressway • Jacksonville, Florida 32211

(904) 725-4847 • Fax (904) 725-2215

FIRST COAST ENVIRONMENTAL LABORATORY, INC.

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

Analytical Quality Assurance Summary Metals

Client:
Sample ID:
Date Rec.'d:

National Testing Labs/Broward Testing Labs
9707-212
21-Jul-97

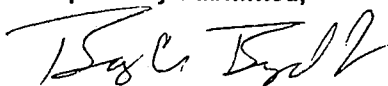
Analyte	Method	Determined Accuracy (%Recovery)		Precision RPD	Acceptance Limits	
		MS	MSD		Accuracy	RPD
Barium	200.7	88.23	88	0.23	78 - 128.4	15.1

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 Comprehensive QA Plan #870222
EPA Lab # FL00062

FIRST COAST ENVIRONMENTAL LABORATORY, INC.

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

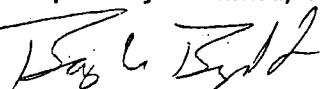
Analytical Quality Assurance Summary Metals

Client: National Testing Labs/Broward Testing Labs
Sample ID: 9707-213
Date Rec.'d: 21-Jul-97

Analyte	Method	Determined Accuracy (%Recovery)		Precision RPD	Acceptance Limits	
		MS	MSD		Accuracy	RPD
Barium	200.7	88.23	88	0.23	78 - 128.4	15.1

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 Comprehensive QA Plan #870222
EPA Lab # FL00062

FIRST COAST ENVIRONMENTAL LABORATORY, INC.

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

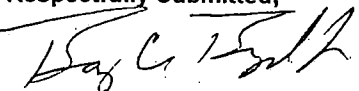
Analytical Quality Assurance Summary Metals

Client: National Testing Labs/Broward Testing Labs
Sample ID: 9707-214
Date Rec.'d: 21-Jul-97

Analyte	Method	Determined Accuracy (%Recovery)		Precision RPD	Acceptance Limits	
		MS	MSD		Accuracy	RPD
Barium	200.7	88.23	88	0.23	78 - 128.4	15.1
Chromium	200.7	81.3	80.9	0.49	82.7 - 118.5	12.7
Lead	239.2	112	115.6	3.16	66.8 - 132.9	22.9
Selenium	270.2	93.6	113.9	19.5	66.4 - 132.6	28
Silver	200.7	87.9	82.2	6.7	77.6 - 126.2	11
Antimony	204.2	93.9	87.8	6.71	59.7 - 127.6	31
Copper	200.7	90.3	93.2	3.16	77.2-118.4	11.1
Nickel	200.7	82.7	84.3	1.92	90.1 - 121.4	9.9
Thallium	279.2	93.6	91	2.82	63.5 - 142.4	24.3
Zinc	200.7	80	80	0	78.8 - 114.9	9.31

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 Comprehensive QA Plan #870222
EPA Lab # FL00062

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

FIRST COAST ENVIRONMENTAL LABORATORY, INC.

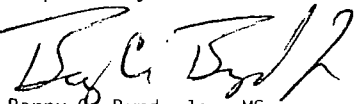
Appx I

Client: Broward Testing Lab./National Testing Lab.
 Sample I.D. Method Blank
 Sample Matrix: Water

Lab #:
 Date Received:
 Date Completed: July 21, 1997
 Date Extraction:
 Collection Date:

Storet Code	Parameter Monitored	Sampling Method	Field Filtered (Y) (N)	Analysis Method	Analysis Date	Analysis Results/ Units (ug/l)	Detection Limits Units (ug/l)
81552	Acetone			EPA 8260A	7-21-97	< 0.330	0.330
34215	Acrylonitrile			EPA 8260A	7-21-97	< 0.483	0.483
34235	Benzene			EPA 8260A	7-21-97	< 0.147	0.147
N/A	Bromodichloromethane			EPA 8260A	7-21-97	< 0.300	0.300
32101	Bromodichloromethane			EPA 8260A	7-21-97	< 0.300	0.300
32104	Bromoform			EPA 8260A	7-21-97	< 0.226	0.226
77041	Carbon disulfide			EPA 8260A	7-21-97	< 0.459	0.459
32102	Carbon tetrachloride			EPA 8260A	7-21-97	< 0.316	0.316
34301	Chlorobenzene			EPA 8260A	7-21-97	< 0.234	0.234
34311	Chloroethane			EPA 8260A	7-21-97	< 0.148	0.148
32106	Chloroform			EPA 8260A	7-21-97	< 0.104	0.104
32105	Dibromochloromethane			EPA 8260A	7-21-97	< 0.185	0.185
38761	1,2-Dibromo-3-chloropropane			EPA 504	7-21-97	< 0.013	0.013
77651	1,2-Dibromoethane			EPA 504	7-21-97	< 0.014	0.014
34537	o-Dichlorobenzene			EPA 8260A	7-21-97	< 0.365	0.365
34571	p-Dichlorobenzene			EPA 8260A	7-21-97	< 0.298	0.298
49263	Trans-1,4-Dichloro-2-butene			EPA 8260A	7-21-97	< 0.221	0.221
34496	1,1-Dichloroethane			EPA 8260A	7-21-97	< 0.275	0.275
32103	1,2-Dichloroethane			EPA 8260A	7-21-97	< 0.128	0.128
34502	1,1-Dichloroethene			EPA 8260A	7-21-97	< 0.128	0.128
81686	cis-1,2-Dichloroethene			EPA 8260A	7-21-97	< 0.253	0.253
34546	trans-1,2-Dichloroethene			EPA 8260A	7-21-97	< 0.195	0.195
34541	1,2-Dichloropropane			EPA 8260A	7-21-97	< 0.147	0.147
34704	cis-1,3-Dichloropropene			EPA 8260A	7-21-97	< 0.157	0.157
34699	trans-1,3-Dichloropropene			EPA 8260A	7-21-97	< 0.198	0.198
78113	Ethylbenzene			EPA 8260A	7-21-97	< 0.173	0.173
77103	2-Hexanone			EPA 8260A	7-21-97	< 0.494	0.494
34413	Methyl bromide			EPA 8260A	7-21-97	< 0.177	0.177
34418	Methyl chloride			EPA 8260A	7-21-97	< 0.155	0.155
77596	Methylene bromide			EPA 8260A	7-21-97	< 0.347	0.347
34423	Methylene chloride			EPA 8260A	7-21-97	< 0.282	0.282
81595	Methyl ethyl ketone			EPA 8260A	7-21-97	< 0.154	0.154
49262	Methyl iodide			EPA 8260A	7-21-97	< 0.506	0.506
78133	4-Methyl-2-pentanone			EPA 8260A	7-21-97	< 0.520	0.520
77128	Styrene			EPA 8260A	7-21-97	< 0.213	0.213
77562	1,1,1,2-Tetrachloroethane			EPA 8260A	7-21-97	< 0.192	0.192
34516	1,1,2,2-Tetrachloroethane			EPA 8260A	7-21-97	< 0.200	0.200
34476	Tetrachloroethene			EPA 8260A	7-21-97	< 0.188	0.188
78131	Toluene			EPA 8260A	7-21-97	< 0.249	0.249
34506	1,1,1-Trichloroethane			EPA 8260A	7-21-97	< 0.296	0.296
34511	1,1,2-Trichloroethane			EPA 8260A	7-21-97	< 0.115	0.115
34485	Trichloroethene			EPA 8260A	7-21-97	< 0.183	0.183
34488	Trichlorofluoromethane			EPA 8260A	7-21-97	< 0.423	0.423
77443	1,2,3-Trichloropropane			EPA 8260A	7-21-97	< 0.137	0.137
77057	Vinyl acetate			EPA 8260A	7-21-97	< 0.483	0.483
39175	Vinyl chloride			EPA 8260A	7-21-97	< 0.205	0.205
x1551	Xylenes			EPA 8260A	7-21-97	< 0.108	0.108

Respectfully submitted:



Barry C. Byrd, Jr., MS
 Technical Director
 FDOH Lab #E82102
 FDOH Lab #82110
 EPA #FL00062
 DEP Comp QAPP # 870222

BCB/tb

FIRST COAST ENVIRONMENTAL LABORATORY, INC.

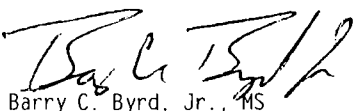
Appx I

Client: Broward Testing Lab./National Testing Lab.
 Sample I.D. Method Blank
 Sample Matrix: Water

Lab #:
 Date Received:
 Date Completed: July 25, 1997
 Date Extraction:
 Collection Date:

Storet Code	Parameter Monitored	Sampling Method	Field Filtered (Y) (N)	Analysis Method	Analysis Date	Analysis Results/ Units (ug/l)	Detection Limits Units (ug/l)
81552	Acetone			EPA 8260A	7-25-97	< 0.330	0.330
34215	Acrylonitrile			EPA 8260A	7-25-97	< 0.483	0.483
34235	Benzene			EPA 8260A	7-25-97	< 0.147	0.147
N/A	Bromodichloromethane			EPA 8260A	7-25-97	< 0.300	0.300
32101	Bromodichloromethane			EPA 8260A	7-25-97	< 0.300	0.300
32104	Bromoform			EPA 8260A	7-25-97	< 0.226	0.226
77041	Carbon disulfide			EPA 8260A	7-25-97	< 0.459	0.459
32102	Carbon tetrachloride			EPA 8260A	7-25-97	< 0.316	0.316
34301	Chlorobenzene			EPA 8260A	7-25-97	< 0.234	0.234
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32105	Dibromochloromethane			EPA 8260A	7-25-97	< 0.185	0.185
38761	1,2-Dibromo-3-chloropropane			EPA 504	7-25-97	< 0.013	0.013
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34571	p-Dichlorobenzene			EPA 8260A	7-25-97	< 0.298	0.298
49263	trans-1,4-Dichloro-2-butene			EPA 8260A	7-25-97	< 0.221	0.221
34496	1,1-Dichloroethane			EPA 8260A	7-25-97	< 0.275	0.275
32103	1,2-Dichloroethane			EPA 8260A	7-25-97	< 0.128	0.128
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78133	4-Methyl-2-pentanone			EPA 8260A	7-25-97	< 0.520	0.520
77128	Styrene			EPA 8260A	7-25-97	< 0.213	0.213
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34476	Tetrachloroethene			EPA 8260A	7-25-97	< 0.188	0.188
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34506	1,1,1-Trichloroethane			EPA 8260A	7-25-97	< 0.296	0.296
34511	1,1,2-Trichloroethane			EPA 8260A	7-25-97	< 0.115	0.115
34485	Trichloroethene			EPA 8260A	7-25-97	< 0.183	0.183
34488	Trichlorofluoromethane			EPA 8260A	7-25-97	< 0.423	0.423
77443	1,2,3-Trichloropropane			EPA 8260A	7-25-97	< 0.137	0.137
77057	Vinyl acetate			EPA 8260A	7-25-97	< 0.483	0.483
39175	Vinyl chloride			EPA 8260A	7-25-97	< 0.205	0.205
x1551	Xylenes			EPA 8260A	7-25-97	< 0.108	0.108

Respectfully submitted:



Barry C. Byrd, Jr., MS
 Technical Director
 FDOH Lab #E82102
 FDOH Lab #82110
 EPA #FL00062
 DEP Comp QAPP # 870222

BCB/tb

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

FIRST COAST ENVIRONMENTAL LABORATORY, INC.

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

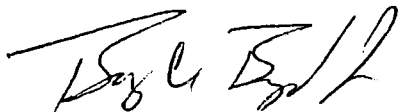
Analytical Quality Assurance Summary Organic Analysis

Client	Broward Testing Lab./National Testing Lab.
Sample I.D.	9707-282
Date Rec'd	
Analysis Date	July 25, 1997

EPA Method 504

Analyte	Accuracy		Precision RPD	Acceptance Limits	
	% Recovery (MS)	% Recovery (MSD)		Accuracy	Precision
Ethylene Dibromide (EDB)	88	88	0	83 - 111	11
1,2-Dibromo-3-Chloropropane (DBCP)	102	99	2.99	84 - 110	12

Respectfully submitted:



Barry C. Byrd, Jr., MS
Technical Director
FDOH Lab #E82102
FDOH Lab #82110
EPA #FL00062
DEP Comp QAPP # 870222

BCB/tb

FIRST COAST ENVIRONMENTAL LABORATORY, INC.

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

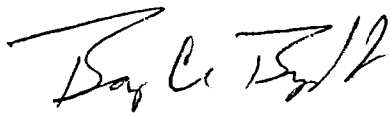
Analytical Quality Assurance Summary Organic Analysis

Client	<u>Broward Testing Lab./National Testing Lab.</u>
Sample I.D.	<u>9707-282</u>
Date Rec'd	
Analysis Date	<u>July 25, 1997</u>

EPA 8260A Pureable Organics

Analyte	Accuracy		Precision RPD	Acceptance Limits	
	% Recovery (MS)	% Recovery (MSD)		Accuracy	Precision
Benzene	88	92	4.44	78 - 116	17
Chlorobenzene	91	90	1.10	81 - 115	18
1,1-Dichloroethene	97	91	6.38	75 - 113	20
Toluene	80	85	6.06	78 - 126	24
Trichloroethene	91	91	0	70 - 110	22
<u>Surrogates</u>					
Dibromofluoromethane	99	92	----	81 - 135	--
Toluene-d8	90	93	----	74 - 122	--
Bromofluorobenzene	97	90	----	81 - 137	--

Respectfully submitted:



Barry C. Byrd, Jr., MS
Technical Director
FDOH Lab #E82102
FDOH Lab #82110
EPA #FL00062
DEP Comp QAPP # 870222

BCB/tb



PASCO COUNTY, FLORIDA

Department of Environmental Protection
SOUTHWEST DISTRICT

BY _____

DADE CITY (352) 521-4274
LAND O' LAKES (813) 996-7341
NEW PORT RICHEY (813) 847-8145
FAX (813) 847-8064

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

June 19, 1997

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, 1997

Dear Ms. Amram:

Enclosed please find the analytical results for the parameters listed in 62-701(8)(c) and 62-701(8)(d) Florida Administrative Code conducted on four leachate tanks at the West Pasco Class I Sanitary Landfill. These results are submitted for the first semester sampling period and complete the compliance monitoring for leachate at this facility for 1997.

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

Sincerely,

A handwritten signature in cursive script, reading "Candia E. Mulhern".

Candia E. Mulhern
Laboratory Manager

CEM/as

Enclosed

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, Solid Waste Facility Manager

Florida Department of Environmental Protection

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

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

GROUND WATER MONITORING REPORT

Rule 62-522.600(11)

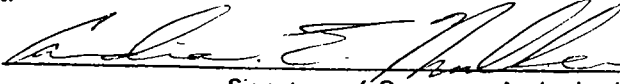
RECEIVED
JUN 20 1997

PART I GENERAL INFORMATION

(1) Facility Name	Resource Recovery - West Pasco Class I Landfill		Department of Environmental Protection SOUTHWEST DISTRICT
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: 02/27/97 
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		

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)

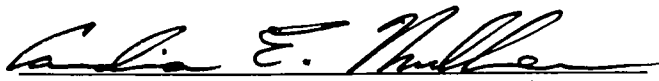
PART I - GENERAL INFORMATION

- (1) Facility Name: Resource Recovery - West Pasco Class I Landfill
 Address: Hays Road
 City, State, Zip: Hudson, FL 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, State, Zip: New Port Richey, FL 34654
 Telephone Number: (813) 847-8902
- (5) Type of Discharge: Leachate
- (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: 06/19/97


Signature of Owner or Authorized Representative

PART II - QUALITY ASSURANCE REQUIREMENTS

Sample Organization Comp QAP #

Analytical Lab Comp QAP #/HRS Certification #8702026; 86418, E86035 Broward Testing Laboratory

Comp QAP #/HRS Certification #910150; E86278 Toxicon Corporation

Lab Name: Broward Testing Laboratory

Address: 4416 NE 11th Ave., Ft. Lauderdale, FL 33334

Phone Number: (216) 449-2525

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030

Sampling Date/Time: 02/19/97 @ 1230

Test Site ID #: NA

Report Period: 1997 / 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):

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 Miz. Ded. Mon. System	No	EPA 353.2	02/20/97 1630	<0.11 mg/L	0.15 mg/L
000940	Chloride	"	"	SM 4500Cl-B	02/24/97 1130	16,010 mg/L	0.15 mg/L
000400	pH-Field	"	"	EPA 150.1	02/19/97 1230	6.06 Std. Units	0.01 Std. Units
070300	Total Dis. Solids	"	"	SM 2540C	02/21/97 1600	37,000 mg/L	1 mg/L
000344	Dissolved Oxygen	"	"	SM 4500 O G	02/19/97 1230	0.9 mg/L	0.01 mg/L
000410	Bicarbonate	"	"	EPA 310.1	02/25/97 1010	109 mg/L	1 mg/L
000095	Specific Cond. (Field)	"	"	SM 2510B	02/19/97 1230	37,000 μ mhos/cm	0.00 μ mhos/cm
000010	Temperature (Field)	"	"	SM 2550B	02/19/97 1230	24.4 °C	0 °C
000610	Ammonia	"	"	EPA 350.1	02/20/97 1600	14.7 mg/L	0.15 mg/L
001045	Iron	"	"	EPA 236.2	02/21/97 1010	8.59 mg/L	0.001 mg/L
000929	Sodium	"	"	EPA 273.1	02/21/97 1120	3,070 mg/L	0.01 mg/L
071900	Mercury	"	"	EPA 245.1	02/24/97 1055	<0.0002 mg/L	0.0005 mg/L

*Attach Laboratory Reports

PART III - ANALYTICAL RESULTS

Facility GMS #: _____

Sampling Date/Time: 02/19/97 AT 12:30

Test Site ID #: _____

Report Period: _____

(Year/Quarter)

WELL NAME: A-1 PRIMARY

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	
00400	pH (field)					Std. Units	Std. Units
	Water Level Elev.					Ft. NGVD	Ft. NGVD
00094	Specific Cond. (field)					μmhos/cm	μmhos/cm
01095	Antimony			EPA 200.7	02/28/97	ND	0.150
01000	Arsenic			EPA 200.7	02/28/97	ND	0.100
01005	Barium			EPA 200.7	02/28/97	2.06	0.010
01010	Beryllium			EPA 200.7	02/28/97	ND	0.004
01025	Cadmium			EPA 200.7	02/28/97	ND	0.010
01030	Chromium			EPA 200.7	02/28/97	ND	0.010
01035	Cobalt			EPA 200.7	02/28/97	ND	0.010
01040	Copper			EPA 200.7	02/28/97	ND	0.010
01049	Lead			EPA 200.7	02/28/97	ND	0.050
01065	Nickel			EPA 200.7	02/28/97	ND	0.020
01145	Selenium			EPA 200.7	02/28/97	ND	0.250
01075	Silver			EPA 200.7	02/28/97	ND	0.007
01057	Thallium			EPA 200.7	02/28/97	ND	0.300
01085	Vanadium			EPA 200.7	02/28/97	ND	0.010
71890	Mercury			EPA 245.1	03/03/97	ND	0.0005
01100	Tin			EPA 200.7	02/28/97	ND	0.005
01090	Zinc			EPA 200.7	02/28/97	0.048	0.020
00723	Cyanide			EPA 335.2	02/27/97	ND	0.010

* Attach Laboratory Reports

PART III - ANALYTICAL RESULTS (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units ($\mu\text{g/l}$)	Detection Limits/ Units ($\mu\text{g/l}$)
81552	Acetone			EPA 8260A	03/05/97	87.8	50.0
34215	Acrylonitrile			EPA 8260A	03/05/97	ND	10.0
34235	Benzene			EPA 8260A	03/05/97	ND	5.00
N/A	Bromochloromethane			EPA 8260A	03/05/97	ND	5.00
32101	Bromodichloromethane			EPA 8260A	03/05/97	ND	5.00
32104	Bromoform			EPA 8260A	03/05/97	ND	5.00
77041	Carbon disulfide			EPA 8260A	03/05/97	ND	5.00
32102	Carbon tetrachloride			EPA 8260A	03/05/97	ND	10.0
34301	Chlorobenzene			EPA 8260A	03/05/97	ND	5.00
34311	Chloroethane			EPA 8260A	03/05/97	ND	10.0
32106	Chloroform			EPA 8260A	03/05/97	ND	5.00
32105	Dibromochloromethane			EPA 8260A	03/05/97	ND	5.00
38761	1,2-Dibromo-3-chloropropane			EPA 504	02/25/97	ND	0.020
77651	1,2-Dibromoethane			EPA 504	02/25/97	ND	0.020
34537	o-Dichlorobenzene			EPA 8260A	03/05/97	ND	5.00
34571	p-Dichlorobenzene			EPA 8260A	03/05/97	ND	5.00
49263	trans-1,4-Dichloro-2-butene			EPA 8260A	03/05/97	ND	50.0
34496	1,1-Dichloroethane			EPA 8260A	03/05/97	ND	5.00
32103	1,2-Dichloroethane			EPA 8260A	03/05/97	ND	5.00
34502	1,1-Dichloroethene			EPA 8260A	03/05/97	ND	5.00
81686	cis-1,2-Dichloroethene			EPA 8260A	03/05/97	ND	5.00
34546	trans-1,2-Dichloroethene			EPA 8260A	03/05/97	ND	5.00
34541	1,2-Dichloropropane			EPA 8260A	03/05/97	ND	5.00
34704	cis-1,3-Dichloropropene			EPA 8260A	03/05/97	ND	5.00
34699	trans-1,3-Dichloropropene			EPA 8260A	03/05/97	ND	5.00
78113	Ethylbenzene			EPA 8260A	03/05/97	ND	5.00
77103	2-Hexanone			EPA 8260A	03/05/97	ND	10.0
34413	Methyl bromide			EPA 8260A	03/05/97	ND	5.00

* Attach Laboratory Reports

PART III - ANALYTICAL RESULTS (Continued)

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	03/05/97	ND	5.00
77596	Methylene bromide			EPA 8260A	03/05/97	ND	10.0
34423	Methylene chloride			EPA 8260A	03/05/97	ND	10.0
81595	Methyl ethyl ketone			EPA 8260A	03/05/97	ND	10.0
49262	Methyl iodide			EPA 8260A	03/05/97	ND	10.0
78133	4-Methyl-2-pentanone			EPA 8260A	03/05/97	ND	10.0
77128	Styrene			EPA 8260A	03/05/97	ND	5.00
77562	1,1,1,2-Tetrachloroethane			EPA 8260A	03/05/97	ND	5.00
34516	1,1,2,2-Tetrachloroethane			EPA 8260A	03/05/97	ND	5.00
34476	Tetrachloroethene			EPA 8260A	03/05/97	ND	5.00
78131	Toluene			EPA 8260A	03/05/97	ND	5.00
34506	1,1,1-Trichloroethane			EPA 8260A	03/05/97	ND	5.00
34511	1,1,2-Trichloroethane			EPA 8260A	03/05/97	ND	5.00
34485	Trichloroethene			EPA 8260A	03/05/97	ND	5.00
34488	Trichlorofluoromethane			EPA 8260A	03/05/97	ND	5.00
77443	1,2,3-Trichloropropane			EPA 8260A	03/05/97	ND	5.00
77057	Vinyl acetate			EPA 8260A	03/05/97	ND	5.00
39175	Vinyl chloride			EPA 8260A	03/05/97	ND	5.00
81551	Xylenes			EPA 8260A	03/05/97	ND	5.00

* Attach Laboratory Reports

PART III - ANALYTICAL RESULTS (Continued)

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	03/18/97	ND	10.0
34200	Acenaphthylene			EPA 8270A	03/18/97	ND	10.0
N/A	Acetonitrile			EPA 8260A	03/05/97	ND	5.00
81553	Acetophenone			EPA 8270A	03/18/97	ND	10.0
N/A	2-Acetylaminofluorene			EPA 8270A	03/18/97	ND	20.0
34210	Acrolein			EPA 8260A	03/05/97	ND	100
39330	Aldrin			EPA 8080	02/26/97	ND	0.050
78109	Allyl chloride			EPA 8260A	03/05/97	ND	10.0
N/A	4-Aminobiphenyl			EPA 8270A	03/18/97	ND	20.0
34220	Anthracene			EPA 8270A	03/18/97	ND	10.0
34527	Benzo(a)anthracene			EPA 8270A	03/18/97	ND	10.0
34230	Benzo(b)fluoranthene			EPA 8270A	03/18/97	ND	10.0
34242	Benzo(k)fluoranthene			EPA 8270A	03/18/97	ND	10.0
34522	Benzo(ghi)perylene			EPA 8270A	03/18/97	ND	10.0
34247	Benzo(a)pyrene			EPA 8270A	03/18/97	ND	10.0
77147	Benzyl alcohol			EPA 8270A	03/18/97	ND	20.0
39337	alpha-BHC			EPA 8080	02/26/97	ND	0.050
39338	beta-BHC			EPA 8080	02/26/97	ND	0.050
34259	delta-BHC			EPA 8080	02/26/97	ND	0.050
39340	gamma-BHC			EPA 8080	02/26/97	ND	0.050
34278	Bis(2-chloroethoxy)methane			EPA 8270A	03/18/97	ND	10.0
34273	Bis(2-chloroethyl)ether			EPA 8270A	03/18/97	ND	10.0
34284	Bis(2-chloroisopropyl)ether			EPA 8270A	03/18/97	ND	10.0
39100	Bis(2-ethylhexyl)phthalate			EPA 8270A	03/18/97	ND	10.0
34636	4-Bromophenyl phenyl ether			EPA 8270A	03/18/97	ND	10.0
51003	Butyl benzyl phthalate			EPA 8270A	03/18/97	ND	10.0
39350	Chlordane			EPA 8080	02/26/97	ND	2.50
60037	p-Chloroaniline			EPA 8270A	03/18/97	ND	20.0
39460	Chlorobenzilate			EPA 8270A	03/18/97	ND	10.0

PART III - ANALYTICAL RESULTS (Continued)

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	03/18/97	ND	20.0
34581	2-Chloronaphthalene			EPA 8270A	03/18/97	ND	10.0
34586	2-Chlorophenol			EPA 8270A	03/18/97	ND	10.0
34641	4-Chlorophenyl phenyl ether			EPA 8270A	03/18/97	ND	10.0
34320	Chrysene			EPA 8270A	03/18/97	ND	10.0
N/A	3-Methylphenol			EPA 8270A	03/18/97	ND	10.0
77152	2-Methylphenol			EPA 8270A	03/18/97	ND	10.0
N/A	4-Methylphenol			EPA 8270A	03/18/97	ND	10.0
39730	2,4-D			EPA 8150	02/27/97	ND	2.00
39361	4,4'-DDD			EPA 8080	02/26/97	ND	0.050
39366	4,4'-DDE			EPA 8080	02/26/97	ND	0.050
39371	4,4'-DDT			EPA 8080	02/26/97	ND	0.050
N/A	Diallate			EPA 8270A	03/18/97	ND	10.0
51004	Dibenzo(a,h)anthracene			EPA 8270A	03/18/97	ND	10.0
81302	Dibenzofuran			EPA 8270A	03/18/97	ND	10.0
39110	Di-n-butyl phthalate			EPA 8270A	03/18/97	ND	10.0
34631	3,3'-Dichlorobenzidine			EPA 8270A	03/18/97	ND	20.0
34601	2,4-Dichlorophenol			EPA 8270A	03/18/97	ND	10.0
77541	2,6-Dichlorophenol			EPA 8270A	03/18/97	ND	10.0
39380	Dieldrin			EPA 8080	02/26/97	ND	0.050
34336	Diethyl phthalate			EPA 8270A	03/18/97	ND	10.0
N/A	0,0-Diethyl 0,2-pyrazinyl phosphorothioate			EPA 8270A	03/18/97	ND	10.0
46314	Dimethoate			EPA 8270A	03/18/97	ND	10.0
N/A	p-(Dimethylamino)azobenzene			EPA 8270A	03/18/97	ND	10.0
N/A	7,12-Dimethylbenz(a)anthracene			EPA 8270A	03/18/97	ND	10.0
N/A	3,3'-Dimethylbenzidine			EPA 8270A	03/18/97	ND	20.0
34606	2,4-Dimethylphenol			EPA 8270A	03/18/97	ND	10.0
34341	Dimethyl phthalate			EPA 8270A	03/18/97	ND	10.0
N/A	m-Dinitrobenzene			EPA 8270A	03/18/97	ND	10.0

* Attach Laboratory Reports

PART III - ANALYTICAL RESULTS (Continued)

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	03/18/97	ND	50.0
34616	2,4-Dinitrophenol			EPA 8270A	03/18/97	ND	50.0
34611	2,4-Dinitrotoluene			EPA 8270A	03/18/97	ND	10.0
34626	2,6-Dinitrotoluene			EPA 8270A	03/18/97	ND	10.0
38779	Dinoseb			EPA 8150	02/27/97	ND	2.00
34597	Di-n-octyl phthalate			EPA 8270A	03/18/97	ND	10.0
77579	Diphenylamine			EPA 8270A	03/18/97	ND	10.0
81888	Disulfoton			EPA 8270A	03/18/97	ND	10.0
34361	Endosulfan I			EPA 8080	02/26/97	ND	0.050
34356	Endosulfan II			EPA 8080	02/26/97	ND	0.050
34351	Endosulfan sulfate			EPA 8080	02/26/97	ND	0.050
39390	Endrin			EPA 8080	02/26/97	ND	0.050
34366	Endrin aldehyde			EPA 8080	02/26/97	ND	0.050
N/A	Ethyl methanesulfonate			EPA 8270A	03/18/97	ND	20.0
38462	Famphur			EPA 8270A	03/18/97	ND	20.0
34376	Fluoranthene			EPA 8270A	03/18/97	ND	10.0
34381	Fluorene			EPA 8270A	03/18/97	ND	10.0
39410	Heptachlor			EPA 8080	02/26/97	ND	0.050
39420	Heptachlor epoxide			EPA 8080	02/26/97	ND	0.050
39700	Hexachlorobenzene			EPA 8270A	03/18/97	ND	10.0
34391	Hexachlorobutadiene			EPA 8270A	03/18/97	ND	10.0
34386	Hexachlorocyclopentadiene			EPA 8270A	03/18/97	ND	10.0
34396	Hexachloroethane			EPA 8270A	03/18/97	ND	10.0
N/A	Hexachloropropene			EPA 8270A	03/18/97	ND	10.0
77033	Isobutyl alcohol			EPA 8260A	03/05/97	ND	5.00
39430	Isodrin			EPA 8270A	03/18/97	ND	20.0
34408	Isophorone			EPA 8270A	03/18/97	ND	10.0
N/A	Isosafrole			EPA 8270A	03/18/97	ND	10.0
81593	Methacrylonitrile			EPA 8260A	03/05/97	ND	20.0

* Attach Laboratory Reports

PART III - ANALYTICAL RESULTS (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units ($\mu\text{g/l}$)	Detection Limits/ Units ($\mu\text{g/l}$)
N/A	Methapyrilene			EPA 8270A	03/18/97	ND	100
39480	Methoxychlor			EPA 8080	02/26/97	ND	0.050
N/A	3-Methylcholanthrene			EPA 8270A	03/18/97	ND	10.0
81597	Methyl methacrylate			EPA 8260A	03/05/97	ND	10.0
N/A	Methyl methanesulfonate			EPA 8270A	03/18/97	ND	10.0
77416	2-Methylnaphthalene			EPA 8270A	03/18/97	ND	10.0
39600	Methyl parathion			EPA 8270A	03/18/97	ND	10.0
34696	Naphthalene			EPA 8270A	03/18/97	ND	10.0
N/A	1,4-Naphthoquinone			EPA 8270A	03/18/97	ND	10.0
N/A	1-Naphthylamine			EPA 8270A	03/18/97	ND	10.0
N/A	2-Naphthylamine			EPA 8270A	03/18/97	ND	10.0
N/A	2-Nitroaniline			EPA 8270A	03/18/97	ND	50.0
78300	3-Nitroaniline			EPA 8270A	03/18/97	ND	20.0
30342	4-Nitroaniline			EPA 8270A	03/18/97	ND	40.0
34447	Nitrobenzene			EPA 8270A	03/18/97	ND	10.0
34591	2-Nitrophenol			EPA 8270A	03/18/97	ND	10.0
34646	4-Nitrophenol			EPA 8270A	03/18/97	ND	50.0
N/A	n-Nitrosodi-n-butylamine			EPA 8270A	03/18/97	ND	10.0
78200	n-Nitrosodiethylamine			EPA 8270A	03/18/97	ND	20.0
34438	n-Nitrosodimethylamine			EPA 8270A	03/18/97	ND	10.0
34433	n-Nitrosodiphenylamine			EPA 8270A	03/18/97	ND	10.0
34429	n-Nitroso-n-dipropylamine			EPA 8270A	03/18/97	ND	10.0
N/A	n-Nitrosomethylethylamine			EPA 8270A	03/18/97	ND	10.0
N/A	n-Nitrosopiperidine			EPA 8270A	03/18/97	ND	10.0
78206	n-Nitrosopyrrolidine			EPA 8270A	03/18/97	ND	10.0
N/A	5-Nitro-o-toluidine			EPA 8270A	03/18/97	ND	10.0
39540	Parathion			EPA 8270A	03/18/97	ND	10.0
77793	Pentachlorobenzene			EPA 8270A	03/18/97	ND	10.0
81316	Pentachloronitrobenzene			EPA 8270A	03/18/97	ND	10.0

* Attach Laboratory Reports

7140236/A1 PRIMARY
PART III - ANALYTICAL RESULTS (Continued)

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	03/18/97	ND	10.0
N/A	Phenacetin			EPA 8270A	03/18/97	ND	10.0
34461	Phenanthrene			EPA 8270A	03/18/97	ND	10.0
32730	Phenol			EPA 8270A	03/18/97	ND	10.0
N/A	p-Phenylenediamine			EPA 8270A	03/18/97	ND	10.0
46313	Phorate			EPA 8270A	03/18/97	ND	10.0
39516	PCBs			EPA 8080	02/26/97	ND	1.25
39080	Pronamide			EPA 8270A	03/18/97	ND	10.0
77007	Propionitrile			EPA 8260A	03/05/97	ND	10.0
34469	Pyrene			EPA 8270A	03/18/97	ND	10.0
77545	Safrole			EPA 8270A	03/18/97	ND	10.0
39760	Silvex			EPA 8150	02/27/97	ND	2.00
81520	Chloroprene			EPA 8260A	03/05/97	ND	50.0
00746	Sulfide			EPA 376.2	02/25/97	ND	100.
39740	2,4,5-T			EPA 8150	02/27/97	ND	2.00
77734	1,2,4,5-Tetrachlorobenzene			EPA 8270A	03/18/97	ND	10.0
N/A	2,3,4,6-Tetrachlorophenol			EPA 8270A	03/18/97	ND	10.0
77142	o-Toiuidine			EPA 8270A	03/18/97	ND	10.0
39401	Toxaphene			EPA 8080	02/26/97	ND	1.25
34551	1,2,4-Trichlorobenzene			EPA 8270A	03/18/97	ND	10.0
77687	2,4,5-Trichlorophenol			EPA 8270A	03/18/97	ND	10.0
34621	2,4,6-Trichlorophenol			EPA 8270A	03/18/97	ND	10.0
N/A	Triethyl phosphorothioate			EPA 8270A	03/18/97	ND	10.0
N/A	1,3,5-Trinitrobenzene			EPA 8270A	03/18/97	ND	10.0
77173	1,3-Dichloropropane			EPA 8260A	03/05/97	ND	5.00
77170	2,2-Dichloropropane			EPA 8260A	03/05/97	ND	5.00
77168	1,1-Dichloropropene			EPA 8260A	03/05/97	ND	5.00
34566	1,3-Dichlorobenzene			EPA 8260A	03/05/97	ND	5.00

* Attach Laboratory Reports

* Attach Laboratory Reports



BROWARD TESTING LABORATORY, LTD.

4416 N.E. 11TH AVE., FORT LAUDERDALE, FLORIDA 33334



Date: 02/26/97 Report #: 7140236 Laboratory ID #: 86418

Client: PASCO COUNTY UTILITIES

ATTN: CANDY MULHERN

8864 GOVERNMENT DR.

NEW PORT RICHEY, FL 34654-

Date Collected: 02/19/97

Time Collected: 12:30

SOURCE: P.C.E.L.

RESOURCE RECOVERY CLASS 1
A-1 PRIMARY

Date received at lab: 02/20/97

Collected by : C.CHILDRESS

Time received at lab: 12:00

ENVIRONMENTAL LABORATORY CERTIFICATION NUMBER E86035 LABORATORY PARAMETER ANALYSIS REPORT

Analysis Performed	Method	Analysis Result	Anal Date
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APPENDIX I & II WERE SUBCONTRACTED TO TOXIKON LABS, SEE ATTACHED.

Gary Meyer, Lab Director

Received: 02/21/97

Results by Sample

SAMPLE ID <u>7140236-A1</u>		SAMPLE # <u>02</u> FRACTIONS: <u>A</u>	
		Date & Time Collected <u>02/19/97 12:30:00</u> Category <u>LIQUID</u>	
CN_TOT	ND	HG	ND
mg/L DL=0.010		mg/L DL=0.0005	
<u>2/27/97</u>		<u>3/3/97</u>	
		<u>2/25/97</u>	
			Analyzed 2-28-97 <u>HS</u>

Received: 02/21/97

Results by Sample

SAMPLE ID 7140236-A1FRACTION 02ATEST CODE 221CPNAME ICAP METALS SCANDate & Time Collected 02/19/97 12:30:00Category LIQUID

	RESULT	LIMIT
SILVER	<u>ND</u>	<u>0.007</u>
CADMIUM	<u>ND</u>	<u>0.010</u>
CHROMIUM	<u>ND</u>	<u>0.010</u>
COPPER	<u>ND</u>	<u>0.010</u>
NICKEL	<u>ND</u>	<u>0.020</u>
LEAD	<u>ND</u>	<u>0.050</u>
ZINC	<u>0.048</u>	<u>0.020</u>
ARSENIC	<u>ND</u>	<u>0.100</u>
SELENIUM	<u>ND</u>	<u>0.250</u>
BERYLLIUM	<u>ND</u>	<u>0.004</u>
ANTIMONY	<u>ND</u>	<u>0.150</u>
THALLIUM	<u>ND</u>	<u>0.300</u>
BARIUM	<u>2.06</u>	<u>0.010</u>
COBALT	<u>ND</u>	<u>0.010</u>
VANADIUM	<u>ND</u>	<u>0.010</u>
TIN	<u>ND</u>	<u>0.005</u>

Notes and Definitions for this Report:

EXTRACTED 02/27/97DATE RUN 02/28/97ANALYST VRINSTRUMENT ICPCONC FACTOR 1UNITS mg/L

Received: 02/21/97

Results by Sample

SAMPLE ID 7140236-A1FRACTION 02ATEST CODE 504NAME EDB AND DBCP BY GCDate & Time Collected 02/19/97 12:30:00Category LIQUID**EPA METHOD 504**

PARAMETER	RESULT	DETECT LIMIT	CAS NUMBER
ETHYLENE DIBROMIDE (EDB)	<u>ND</u>	<u>0.020</u>	106-93-4
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	<u>ND</u>	<u>0.020</u>	96-12-8

NOTES AND DEFINITIONS FOR THIS REPORT

DATE RUN..... 02/25/97

INSTRUMENT..... HP-2UNITS..... ug/L

ND = NOT DETECTED AT DETECTION LIMITS

Received: 02/21/97

Results by Sample

SAMPLE ID 7140236-A1FRACTION 02ATEST CODE 8080NAME PESTICIDES/PCBDate & Time Collected 02/19/97 12:30:00Category LIQUID**EPA 8080 - ORGANOCHLORINE PESTICIDES & PCB'S**

	DETEC.			DETEC.	
	RESULT	LIMIT		RESULT	LIMIT
Alpha-BHC	ND	0.050	Aroclor 1016	ND	1.25
Gamma-BHC (Lindane)	ND	0.050	Aroclor 1221	ND	1.25
Beta-BHC	ND	0.050	Aroclor 1232	ND	1.25
Heptachlor	ND	0.050	Aroclor 1242	ND	1.25
Delta-BHC	ND	0.050	Aroclor 1248	ND	1.25
Aldrin	ND	0.050	Aroclor 1254	ND	1.25
Heptachlor Epoxide	ND	0.050	Aroclor 1260	ND	1.25
Endosulfan I	ND	0.050			
4,4'-DDE	ND	0.050			
Dieldrin	ND	0.050			
Endrin	ND	0.050			
4,4'-DDD	ND	0.050			
Endosulfan II	ND	0.050			
4,4'-DDT	ND	0.050			
Endrin Aldehyde	ND	0.050			
Endosulfan Sulfate	ND	0.050			
Chlordane	ND	2.50			
Toxaphene	ND	1.25			
Methoxychlor	ND	0.050			

Notes and Definitions for this Report:

EXTRACTED: 02/24/97
DATE RUN: 02/26/97
ANALYST: JRY
INSTRUMENT: HP-2
DIL. FACTOR: 5
UNITS: ug/L

ND = not detected at detection limit

Received: 02/21/97

Results by Sample

SAMPLE ID 7140236-A1FRACTION 02ATEST CODE 8150WNAME CHLORINATED HERB. - WATERDate & Time Collected 02/19/97 12:30:00Category LIQUID**EPA 8150 - CHLORINATED PESTICIDES**

	RESULT	LIMIT
2,4-DB	<u>ND</u>	<u>2.00</u>
2,4-D	<u>ND</u>	<u>2.00</u>
2,4,5-T	<u>ND</u>	<u>2.00</u>
Silvex (2,4,5-TP)	<u>ND</u>	<u>2.00</u>
Dinoseb (DNBP)	<u>ND</u>	<u>2.00</u>
Dalapon	<u>ND</u>	<u>2.00</u>
Dicamba	<u>ND</u>	<u>2.00</u>
Dichlorprop	<u>ND</u>	<u>2.00</u>
MCPA	<u>ND</u>	<u>20000</u>
MCPP	<u>ND</u>	<u>20000</u>

Notes and Definitions for this Report:

EXTRACTED: 02/24/97
DATE RUN: 02/27/97
ANALYST: JRY
INSTRUMENT: HP-2
DIL. FACTOR: 4

ND = not detected at detection limit

Received: 02/21/97

Results by Sample

SAMPLE ID 7140236-A1FRACTION 02ATEST CODE 8260A2NAME PURGEABLE ORGANICS VOADate & Time Collected 02/19/97 12:30:00Category LIQUID**EPA 8260A PURGEABLE ORGANICS**

	RESULT	LIMIT		RESULT	LIMIT
Acetone	<u>87.8</u>	<u>50.0</u>			
Acetonitrile	<u>ND</u>	<u>5.00</u>	Ethylbenzene	<u>ND</u>	<u>5.00</u>
Acrolein	<u>ND</u>	<u>100</u>	Ethyl methacrylate	<u>ND</u>	<u>10.0</u>
Acrylonitrile	<u>ND</u>	<u>10.0</u>	2-Hexanone	<u>ND</u>	<u>10.0</u>
Ally chloride	<u>ND</u>	<u>10.0</u>	Isobutyl alcohol	<u>ND</u>	<u>5.00</u>
Benzene	<u>ND</u>	<u>5.00</u>	Methacrylonitrile	<u>ND</u>	<u>20.0</u>
Bromochloromethane	<u>ND</u>	<u>5.00</u>	Methyl bromide	<u>ND</u>	<u>5.00</u>
Bromodichloromethane	<u>ND</u>	<u>5.00</u>	Methyl chloride	<u>ND</u>	<u>5.00</u>
Bromoform	<u>ND</u>	<u>5.00</u>	Methylene bromide	<u>ND</u>	<u>10.0</u>
Carbon disulfide	<u>ND</u>	<u>5.00</u>	Methylene chloride	<u>ND</u>	<u>10.0</u>
Carbon tetrachloride	<u>ND</u>	<u>10.0</u>	Methyl ethyl ketone	<u>ND</u>	<u>10.0</u>
Chlorobenzene	<u>ND</u>	<u>5.00</u>	Methyl iodide	<u>ND</u>	<u>10.0</u>
Chloroethane	<u>ND</u>	<u>10.0</u>	Methyl methacrylate	<u>ND</u>	<u>10.0</u>
Chloroform	<u>ND</u>	<u>5.00</u>	4-Methyl-2-pentanone	<u>ND</u>	<u>10.0</u>
Chloroprene	<u>ND</u>	<u>50.0</u>	Propionitrile	<u>ND</u>	<u>10.0</u>
Dibromochloromethane	<u>ND</u>	<u>5.00</u>	Styrene	<u>ND</u>	<u>5.00</u>
1,2-Dichlorobenzene	<u>ND</u>	<u>5.00</u>	1,1,1,2-Tetrachloroethane	<u>ND</u>	<u>5.00</u>
1,3-Dichlorobenzene	<u>ND</u>	<u>5.00</u>	1,1,2,2-Tetrachloroethane	<u>ND</u>	<u>5.00</u>
1,4-Dichlorobenzene	<u>ND</u>	<u>5.00</u>	Tetrachloroethene	<u>ND</u>	<u>5.00</u>
trans-1,4-Dichloro-2-butene	<u>ND</u>	<u>50.0</u>	Toluene	<u>ND</u>	<u>5.00</u>
Dichlorodifluoromethane	<u>ND</u>	<u>5.00</u>	1,1,1-Trichloroethane	<u>ND</u>	<u>5.00</u>
1,1-Dichloroethane	<u>ND</u>	<u>5.00</u>	1,1,2-Trichloroethane	<u>ND</u>	<u>5.00</u>
1,2-Dichloroethane	<u>ND</u>	<u>5.00</u>	Trichloroethene	<u>ND</u>	<u>5.00</u>
1,1-Dichloroethene	<u>ND</u>	<u>5.00</u>	Trichlorofluoromethane	<u>ND</u>	<u>5.00</u>
cis-1,2-Dichloroethene	<u>ND</u>	<u>5.00</u>	1,2,3-Trichloropropane	<u>ND</u>	<u>5.00</u>
trans-1,2-Dichloroethene	<u>ND</u>	<u>5.00</u>	Vinyl acetate	<u>ND</u>	<u>5.00</u>
1,2-Dichloropropane	<u>ND</u>	<u>5.00</u>	Vinyl chloride	<u>ND</u>	<u>5.00</u>
1,3-Dichloropropane	<u>ND</u>	<u>5.00</u>	Total xylenes	<u>ND</u>	<u>5.00</u>
2,2-Dichloropropane	<u>ND</u>	<u>5.00</u>	1,2-Dibromo3-chloropropane	<u>ND</u>	<u>5.00</u>
1,1-Dichloropropene	<u>ND</u>	<u>5.00</u>	1,2-Dibromomethane	<u>ND</u>	<u>5.00</u>
cis-1,3-Dichloropropene	<u>ND</u>	<u>5.00</u>			
trans-1,3-Dichloropropene	<u>ND</u>	<u>5.00</u>			

Surrogates	% Recovery	Surrogate Limits
Dibromofluoromethane	<u>106</u>	<u>86</u> - <u>118</u>
Toluene-d8	<u>101</u>	<u>88</u> - <u>110</u>
Bromofluorobenzene	<u>103</u>	<u>86</u> - <u>115</u>

Notes and Definitions for this Report:

DATE RUN: 03/05/97ANALYST: CINSTRUMENT: VOA-5972DIL. FACTOR: 1

COMMENTS: _____

UNITS: ug/L

ND = not detected at detection limit

Received: 02/21/97

Results by Sample

SAMPLE ID 7140236-A1

FRACTION 02A TEST CODE 8270A2 NAME A/BN EXTRACTABLES SOIL

Date & Time Collected 02/19/97 12:30:00

Category LIQUID

EPA METHOD 8270A

ANALYTE	RESULT	LIMIT	ANALYTE	RESULT	LIMIT
Acenaphthene	ND	10.0	3,3'-Dimethylbenzidine	ND	20.0
Acenaphthylene	ND	10.0	2,4-Dimethylphenol	ND	10.0
Acetophenone	ND	10.0	Dimethyl phthalate	ND	10.0
2-Acetyaminofluorene	ND	20.0	1-3-Dinitrobenzene	ND	10.0
4-Aminobiphenyl	ND	20.0	4,6-Dinitro-2-methylphenol	ND	50.0
Anthracene	ND	10.0	2,4-Dinitrophenol	ND	50.0
Benz(a)anthracene	ND	10.0	2,4-Dinitrotoluene	ND	10.0
Benzo(b)fluoranthene	ND	10.0	2,6-Dinitrotoluene	ND	10.0
Benzo(k)fluoranthene	ND	10.0	Di-n-octyl phthalate	ND	10.0
Benzo(g,h,i)perylene	ND	10.0	Diphenylamine	ND	10.0
Benzo(a)pyrene	ND	10.0	Disulfoton	ND	10.0
Benzyl alcohol	ND	20.0	Ethyl methanesufonate	ND	20.0
Bis(2-chloroethoxy)methane	ND	10.0	Famphur (Famophos)	ND	20.0
Bis(2-chloroethyl)ether	ND	10.0	Fluoranthene	ND	10.0
Bis(2-chloromethylethyl)ether	ND	10.0	Fluorene	ND	10.0
Bis(2-ethylhexyl)phthalate	ND	10.0	Hexachlorobutadiene	ND	10.0
4-Bromophenyl phenyl ether	ND	10.0	Hexachlorocyclopentadiene	ND	10.0
Butyl benzyl phthalate	ND	10.0	Hexachloroethane	ND	10.0
p-Chloroaniline	ND	20.0	Hexachloropropene	ND	10.0
Chlorobenzilate	ND	10.0	Indeno(1,2,3-cd)pyrene	ND	10.0
4-Chloro-3-methylphenol	ND	20.0	Isodrin	ND	20.0
2-Chloronaphthalene	ND	10.0	Isophorone	ND	10.0
2-Chlorophenol	ND	10.0	Isosafrole	ND	10.0
4-Chlorophenyl phenyl ether	ND	10.0	Kepone	ND	20.0
Chrysene	ND	10.0	Methapyrilene	ND	100
o-Cresol(2-Methylphenol)	ND	10.0	3-Methylchlolanthrene	ND	10.0
m-Cresol(3-Methylphenol)	ND	10.0	Methyl methanesulfonate	ND	10.0
p-Cresol(4-Methylphenol)	ND	10.0	2-Methylnaphthalene	ND	10.0
Diallate (total)	ND	10.0	Methyl parathion	ND	10.0
Dibenz(a,h)anthracene	ND	10.0	Naphthalene	ND	10.0
Dibenzofuran	ND	10.0	1,4-Naphthoquinone	ND	10.0
Di-n-butyl phthalate	ND	10.0	1-Naphthylamine	ND	10.0
1,2-Dichlorobenzene	ND	10.0	2-Naphthylamine	ND	10.0
1,3-Dichlorobenzene	ND	10.0	2-Nitroaniline	ND	50.0
1,4-Dichlorobenzene	ND	10.0	3-Nitroaniline	ND	20.0
3,3'-Dichlorobenzidine	ND	20.0	4-Nitroaniline	ND	40.0
2,4-Dichlorophenol	ND	10.0	Nitrobenzene	ND	10.0
2,6-Dichlorophenol	ND	10.0	2-Nitrophenol	ND	10.0
Diethyl phthalate	ND	10.0	4-Nitrophenol	ND	50.0
0,0-Diethyl 0-2-pyrazinyl			n-Nitrosodi-n-butylamine	ND	10.0
phosphoroethoate	ND	10.0	n-Nitrosodiethylamine	ND	20.0
Dimethoate	ND	10.0	n-Nitrosodimethylamine	ND	10.0
p-(Dimethylamino)azobenzene	ND	10.0	n-Nitrosodiphenylamine	ND	10.0
7,12-Dimethylbenz(a)anthracene	ND	10.0			

CONTINUED ON FOLLOWING PAGE

SAMPLE ID 7140236-A1 FRACTION 02A TEST CODE 8270A2 NAME A/BW EXTRACTABLES SOIL
Date & Time Collected 02/19/97 12:30:00 Category LIQUID

EPA METHOD 8270A

ANALYTE	RESULT	LIMIT	ANALYTE	RESULT	LIMIT
n-Nitroso-n-dipropylamine	ND	10.0	1,2,4-Trichlorobenzene	ND	10.0
n-Nitrosomethylethylamine	ND	10.0	2,4,5-Trichlorophenol	ND	10.0
n-Nitrosopiperidine	ND	10.0	2,4,6-Trichlorophenol	ND	10.0
n-Nitrosopyrrolidine	ND	10.0	Triethyl phosphorothioate	ND	10.0
5-Nitro-o-toluidine	ND	10.0	1,3,5-Trinitrobenzene	ND	10.0
Parathion (Parathion ethyl)	ND	10.0	Hexachlorobenzene	ND	10.0
Pentachlorobenzene	ND	10.0	Dimethoate	ND	10.0
Pentachloronitrobenzene	ND	10.0	Disulfoton	ND	10.0
Pentachlorophenol	ND	10.0	Parathion	ND	10.0
Phenacetin	ND	10.0	Methyl parathion	ND	10.0
Phenanthrene	ND	10.0	Phorate	ND	10.0
Phenol	ND	10.0			
p-Phenylenediamine	ND	10.0			
Phorate	ND	10.0			
Pronamide	ND	10.0			
Pyrene	ND	10.0			
Safrole	ND	10.0			
1,2,4,5-Tetrachlorobenzene	ND	10.0			
2,3,4,6-Tetrachlorophenol	ND	10.0			
o-Toluidine	ND	10.0			

Surrogates	% Recovery	Surrogate	Limits
2-Fluorophenol	51	21	- 100
Phenol-d6	39	10	- 94
Nitrobenzene-d5	66	35	- 114
2-Fluorobiphenyl	67	43	- 116
2,4,6-Tribromophenol	64	10	- 123
Terphenyl-d14	79	33	- 141

Notes and Definitions for this Report:

UNITS: ug/L
EXTRACTED: 02/26/97
DATE RUN: 03/18/97
ANALYST: DS
INSTRUMENT: F
DIL. FACTOR: 1

ND = not detected at detection limit

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030 Sampling Date/Time: 02/19/97 @ 1255

Test Site ID #: _____ Report Period: 1997 / 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): _____

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000620	Nitrate	Well Wiz. Ded. Mon. System	No	EPA 353.2	02/20/97 1630	<0.11 mg/L	0.15 mg/L
000940	Chloride	"	"	SM 4500Cl-B	02/24/97 1130	1,553 mg/L	0.15 mg/L
000400	pH-Field	"	"	EPA 150.1	02/19/97 1255	7.60 Std. Units	0.01 Std. Units
070300	Total Dis. Solids	"	"	SM 2540C	02/21/97 1600	3,400 mg/L	1 mg/L
000344	Dissolved Oxygen	"	"	SM 4500 O G	02/19/97 1255	4.1 mg/L	0.01 mg/L
000410	Bicarbonate	"	"	EPA 310.1	02/25/97 1010	160 mg/L	1 mg/L
000095	Specific Cond. (Field)	"	"	SM 2510B	02/19/97 1255	4,571 μ mhos/cm	0.00 μ mhos/cm
000010	Temperature (Field)	"	"	SM 2550B	02/19/97 1255	24.5 °C	0 °C
000610	Ammonia	"	"	EPA 350.1	02/20/97 1600	<0.07 mg/L	0.15 mg/L
001045	Iron	"	"	EPA 236.2	02/21/97 1010	0.06 mg/L	0.001 mg/L
000929	Sodium	"	"	EPA 273.1	02/21/97 1120	343 mg/L	0.01 mg/L
071900	Mercury	"	"	EPA 245.1	02/24/97 1055	<0.0002 mg/L	0.0005 mg/L

*Attach Laboratory Reports

PART III - ANALYTICAL RESULTS

Facility GMS #: _____

Sampling Date/Time: 02/19/97 AT 12:55

Test Site ID #: _____

Report Period: _____

(Year/Quarter)

WELL NAME: A-1 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	
00400	pH (field)					Std. Units	Std. Units
	Water Level Elev.					Ft. NGVD	Ft. NGVD
00094	Specific Cond. (field)					μmhos/cm	μmhos/cm
01095	Antimony			EPA 200.7	02/28/97	ND	0.150
01000	Arsenic			EPA 200.7	02/28/97	ND	0.100
01005	Barium			EPA 200.7	02/28/97	0.100	0.010
01010	Beryllium			EPA 200.7	02/28/97	ND	0.004
01025	Cadmium			EPA 200.7	02/28/97	ND	0.010
01030	Chromium			EPA 200.7	02/28/97	ND	0.010
01035	Cobalt			EPA 200.7	02/28/97	ND	0.010
01040	Copper			EPA 200.7	02/28/97	ND	0.010
01049	Lead			EPA 200.7	02/28/97	ND	0.050
01065	Nickel			EPA 200.7	02/28/97	ND	0.020
01145	Selenium			EPA 200.7	02/28/97	ND	0.250
01075	Silver			EPA 200.7	02/28/97	ND	0.007
01057	Thallium			EPA 200.7	02/28/97	ND	0.300
01085	Vanadium			EPA 200.7	02/28/97	ND	0.010
71890	Mercury			EPA 245.1	03/03/97	ND	0.0005
01100	Tin			EPA 200.7	02/28/97	ND	0.005
01090	Zinc			EPA 200.7	02/28/97	0.045	0.020
00723	Cyanide			EPA 335.2	02/27/97	ND	0.010

* Attach Laboratory Reports

7140237/A-1 SECONDARY
PART III - ANALYTICAL RESULTS (Continued)

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	03/05/97	ND	50.0
34215	Acrylonitrile			EPA 8260A	03/05/97	ND	10.0
34235	Benzene			EPA 8260A	03/05/97	ND	5.00
N/A	Bromochloromethane			EPA 8260A	03/05/97	ND	5.00
32101	Bromodichloromethane			EPA 8260A	03/05/97	ND	5.00
32104	Bromoform			EPA 8260A	03/05/97	ND	5.00
77041	Carbon disulfide			EPA 8260A	03/05/97	ND	5.00
32102	Carbon tetrachloride			EPA 8260A	03/05/97	ND	10.0
34301	Chlorobenzene			EPA 8260A	03/05/97	ND	5.00
34311	Chloroethane			EPA 8260A	03/05/97	ND	10.0
32106	Chloroform			EPA 8260A	03/05/97	ND	5.00
32105	Dibromochloromethane			EPA 8260A	03/05/97	ND	5.00
38761	1,2-Dibromo-3-chloropropane			EPA 504	02/25/97	ND	0.020
77651	1,2-Dibromoethane			EPA 504	02/25/97	ND	0.020
34537	o-Dichlorobenzene			EPA 8260A	03/05/97	ND	5.00
34571	p-Dichlorobenzene			EPA 8260A	03/05/97	ND	5.00
49263	trans-1,4-Dichloro-2-butene			EPA 8260A	03/05/97	ND	50.0
34496	1,1-Dichloroethane			EPA 8260A	03/05/97	ND	5.00
32103	1,2-Dichloroethane			EPA 8260A	03/05/97	ND	5.00
34502	1,1-Dichloroethene			EPA 8260A	03/05/97	ND	5.00
81686	cis-1,2-Dichloroethene			EPA 8260A	03/05/97	ND	5.00
34546	trans-1,2-Dichloroethene			EPA 8260A	03/05/97	ND	5.00
34541	1,2-Dichloropropane			EPA 8260A	03/05/97	ND	5.00
34704	cis-1,3-Dichloropropene			EPA 8260A	03/05/97	ND	5.00
34699	trans-1,3-Dichloropropene			EPA 8260A	03/05/97	ND	5.00
78113	Ethylbenzene			EPA 8260A	03/05/97	ND	5.00
77103	2-Hexanone			EPA 8260A	03/05/97	ND	10.0
34413	Methyl bromide			EPA 8260A	03/05/97	ND	5.00

* Attach Laboratory Reports

PART III - ANALYTICAL RESULTS (Continued)

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	03/05/97	ND	5.00
77596	Methylene bromide			EPA 8260A	03/05/97	ND	10.0
34423	Methylene chloride			EPA 8260A	03/05/97	ND	10.0
81595	Methyl ethyl ketone			EPA 8260A	03/05/97	ND	10.0
49262	Methyl iodide			EPA 8260A	03/05/97	ND	10.0
78133	4-Methyl-2-pentanone			EPA 8260A	03/05/97	ND	10.0
77128	Styrene			EPA 8260A	03/05/97	ND	5.00
77562	1,1,1,2-Tetrachloroethane			EPA 8260A	03/05/97	ND	5.00
34516	1,1,2,2-Tetrachloroethane			EPA 8260A	03/05/97	ND	5.00
34476	Tetrachloroethene			EPA 8260A	03/05/97	ND	5.00
78131	Toluene			EPA 8260A	03/05/97	ND	5.00
34506	1,1,1-Trichloroethane			EPA 8260A	03/05/97	ND	5.00
34511	1,1,2-Trichloroethane			EPA 8260A	03/05/97	ND	5.00
34485	Trichloroethene			EPA 8260A	03/05/97	ND	5.00
34488	Trichlorofluoromethane			EPA 8260A	03/05/97	ND	5.00
77443	1,2,3-Trichloropropane			EPA 8260A	03/05/97	ND	5.00
77057	Vinyl acetate			EPA 8260A	03/05/97	ND	5.00
39175	Vinyl chloride			EPA 8260A	03/05/97	ND	5.00
81551	Xylenes			EPA 8260A	03/05/97	ND	5.00

* Attach Laboratory Reports

PART III - ANALYTICAL RESULTS (Continued)

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	03/18/97	ND	10.0
34200	Acenaphthylene			EPA 8270A	03/18/97	ND	10.0
N/A	Acetonitrile			EPA 8260A	03/05/97	ND	5.00
81553	Acetophenone			EPA 8270A	03/18/97	ND	10.0
N/A	2-Acetylaminofluorene			EPA 8270A	03/18/97	ND	20.0
34210	Acrolein			EPA 8260A	03/05/97	ND	100
39330	Aldrin			EPA 8080	02/26/97	ND	0.010
78109	Allyl chloride			EPA 8260A	03/05/97	ND	10.0
N/A	4-Aminobiphenyl			EPA 8270A	03/18/97	ND	20.0
34220	Anthracene			EPA 8270A	03/18/97	ND	10.0
34527	Benzo(a)anthracene			EPA 8270A	03/18/97	ND	10.0
34230	Benzo(b)fluoranthene			EPA 8270A	03/18/97	ND	10.0
34242	Benzo(k)fluoranthene			EPA 8270A	03/18/97	ND	10.0
34522	Benzo(ghi)perylene			EPA 8270A	03/18/97	ND	10.0
34247	Benzo(a)pyrene			EPA 8270A	03/18/97	ND	10.0
77147	Benzyl alcohol			EPA 8270A	03/18/97	ND	20.0
39337	alpha-BHC			EPA 8080	02/26/97	ND	0.010
39338	beta-BHC			EPA 8080	02/26/97	ND	0.010
34259	delta-BHC			EPA 8080	02/26/97	ND	0.010
39340	gamma-BHC			EPA 8080	02/26/97	ND	0.010
34278	Bis(2-chloroethoxy)methane			EPA 8270A	03/18/97	ND	10.0
34273	Bis(2-chloroethyl)ether			EPA 8270A	03/18/97	ND	10.0
34284	Bis(2-chloroisopropyl)ether			EPA 8270A	03/18/97	ND	10.0
39100	Bis(2-ethylhexyl)phthalate			EPA 8270A	03/18/97	ND	10.0
34636	4-Bromophenyl phenyl ether			EPA 8270A	03/18/97	ND	10.0
51003	Butyl benzyl phthalate			EPA 8270A	03/18/97	ND	10.0
39350	Chlordane			EPA 8080	02/26/97	ND	0.500
60037	p-Chloroaniline			EPA 8270A	03/18/97	ND	20.0
39460	Chlorobenzilate			EPA 8270A	03/18/97	ND	10.0

* Attach Laboratory Reports

7140237/A-1 SECONDARY
PART III - ANALYTICAL RESULTS (Continued)

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	03/18/97	ND	20.0
34581	2-Chloronaphthalene			EPA 8270A	03/18/97	ND	10.0
34586	2-Chlorophenol			EPA 8270A	03/18/97	ND	10.0
34641	4-Chlorophenyl phenyl ether			EPA 8270A	03/18/97	ND	10.0
34320	Chrysene			EPA 8270A	03/18/97	ND	10.0
N/A	3-Methylphenol			EPA 8270A	03/18/97	ND	10.0
77152	2-Methylphenol			EPA 8270A	03/18/97	ND	10.0
N/A	4-Methylphenol			EPA 8270A	03/18/97	ND	10.0
39730	2,4-D			EPA 8150	02/27/97	ND	0.500
39361	4,4'-DDD			EPA 8080	02/26/97	ND	0.010
39366	4,4'-DDE			EPA 8080	02/26/97	ND	0.010
39371	4,4'-DDT			EPA 8080	02/26/97	ND	0.010
N/A	Diallate			EPA 8270A	03/18/97	ND	10.0
51004	Dibenzo(a,h)anthracene			EPA 8270A	03/18/97	ND	10.0
81302	Dibenzofuran			EPA 8270A	03/18/97	ND	10.0
39110	Di-n-butyl phthalate			EPA 8270A	03/18/97	ND	10.0
34631	3,3'-Dichlorobenzidine			EPA 8270A	03/18/97	ND	20.0
34601	2,4-Dichlorophenol			EPA 8270A	03/18/97	ND	10.0
77541	2,6-Dichlorophenol			EPA 8270A	03/18/97	ND	10.0
39380	Dieldrin			EPA 8080	02/26/97	ND	0.010
34336	Diethyl phthalate			EPA 8270A	03/18/97	ND	10.0
N/A	0,0-Diethyl 0,2-pyrazinyl phosphorothioate			EPA 8270A	03/18/97	ND	10.0
46314	Dimethoate			EPA 8270A	03/18/97	ND	10.0
N/A	p-(Dimethylamino)azobenzene			EPA 8270A	03/18/97	ND	10.0
N/A	7,12-Dimethylbenz(a)anthracene			EPA 8270A	03/18/97	ND	10.0
N/A	3,3'-Dimethylbenzidine			EPA 8270A	03/18/97	ND	20.0
34606	2,4-Dimethylphenol			EPA 8270A	03/18/97	ND	10.0
34341	Dimethyl phthalate			EPA 8270A	03/18/97	ND	10.0
N/A	m-Dinitrobenzene			EPA 8270A	03/18/97	ND	10.0

* Attach Laboratory Reports

7140237/A-1 SECONDARY
PART III - ANALYTICAL RESULTS (Continued)

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	03/18/97	ND	50.0
34616	2,4-Dinitrophenol			EPA 8270A	03/18/97	ND	50.0
34611	2,4-Dinitrotoluene			EPA 8270A	03/18/97	ND	10.0
34626	2,6-Dinitrotoluene			EPA 8270A	03/18/97	ND	10.0
38779	Dinoseb			EPA 8150	02/27/97	ND	0.500
34597	Di-n-octyl phthalate			EPA 8270A	03/18/97	ND	10.0
77579	Diphenylamine			EPA 8270A	03/18/97	ND	10.0
81888	Disulfoton			EPA 8270A	03/18/97	ND	10.0
34361	Endosulfan I			EPA 8080	02/26/97	ND	0.010
34356	Endosulfan II			EPA 8080	02/26/97	ND	0.010
34351	Endosulfan sulfate			EPA 8080	02/26/97	ND	0.010
39390	Endrin			EPA 8080	02/26/97	ND	0.010
34366	Endrin aldehyde			EPA 8080	02/26/97	ND	0.010
N/A	Ethyl methanesulfonate			EPA 8270A	03/18/97	ND	20.0
38462	Famphur			EPA 8270A	03/18/97	ND	20.0
34376	Fluoranthene			EPA 8270A	03/18/97	ND	10.0
34381	Fluorene			EPA 8270A	03/18/97	ND	10.0
39410	Heptachlor			EPA 8080	02/26/97	ND	0.010
39420	Heptachlor epoxide			EPA 8080	02/26/97	ND	0.010
39700	Hexachlorobenzene			EPA 8270A	03/18/97	ND	10.0
34391	Hexachlorobutadiene			EPA 8270A	03/18/97	ND	10.0
34386	Hexachlorocyclopentadiene			EPA 8270A	03/18/97	ND	10.0
34396	Hexachloroethane			EPA 8270A	03/18/97	ND	10.0
N/A	Hexachloropropene			EPA 8270A	03/18/97	ND	10.0
77033	Isobutyl alcohol			EPA 8260A	03/05/97	ND	5.00
39430	Isodrin			EPA 8270A	03/18/97	ND	20.0
34408	Isophorone			EPA 8270A	03/18/97	ND	10.0
N/A	Isosafrole			EPA 8270A	03/18/97	ND	10.0
81593	Methacrylonitrile			EPA 8260A	03/05/97	ND	20.0

* Attach Laboratory Reports

7140237/A-1 SECONDARY
PART III - ANALYTICAL RESULTS (Continued)

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	Methapryilene			EPA 8270A	03/18/97	ND	100
39480	Methoxychlor			EPA 8080	02/26/97	ND	0.010
N/A	3-Methylcholanthrene			EPA 8270A	03/18/97	ND	10.0
81597	Methyl methacrylate			EPA 8260A	03/05/97	ND	10.0
N/A	Methyl methanesulfonate			EPA 8270A	03/18/97	ND	10.0
77416	2-Methylnaphthalene			EPA 8270A	03/18/97	ND	10.0
39600	Methyl parathion			EPA 8270A	03/18/97	ND	10.0
34696	Naphthalene			EPA 8270A	03/18/97	ND	10.0
N/A	1,4-Naphthoquinone			EPA 8270A	03/18/97	ND	10.0
N/A	1-Naphthylamine			EPA 8270A	03/18/97	ND	10.0
N/A	2-Naphthylamine			EPA 8270A	03/18/97	ND	10.0
N/A	2-Nitroaniline			EPA 8270A	03/18/97	ND	50.0
78300	3-Nitroaniline			EPA 8270A	03/18/97	ND	20.0
30342	4-Nitroaniline			EPA 8270A	03/18/97	ND	40.0
34447	Nitrobenzene			EPA 8270A	03/18/97	ND	10.0
34591	2-Nitrophenol			EPA 8270A	03/18/97	ND	10.0
34646	4-Nitrophenol			EPA 8270A	03/18/97	ND	50.0
N/A	n-Nitrosodi-n-butylamine			EPA 8270A	03/18/97	ND	10.0
78200	n-Nitrosodiethylamine			EPA 8270A	03/18/97	ND	20.0
34438	n-Nitrosodimethylamine			EPA 8270A	03/18/97	ND	10.0
34433	n-Nitrosodiphenylamine			EPA 8270A	03/18/97	ND	10.0
34429	n-Nitroso-n-dipropylamine			EPA 8270A	03/18/97	ND	10.0
N/A	n-Nitrosomethylethylamine			EPA 8270A	03/18/97	ND	10.0
N/A	n-Nitrosopiperidine			EPA 8270A	03/18/97	ND	10.0
78206	n-Nitrosopyrrolidine			EPA 8270A	03/18/97	ND	10.0
N/A	5-Nitro-o-toluidine			EPA 8270A	03/18/97	ND	10.0
39540	Parathion			EPA 8270A	03/18/97	ND	10.0
77793	Pentachlorobenzene			EPA 8270A	03/18/97	ND	10.0
81316	Pentachloronitrobenzene			EPA 8270A	03/18/97	ND	10.0

* Attach Laboratory Reports

PART III - ANALYTICAL RESULTS (Continued)

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	03/18/97	ND	10.0
N/A	Phenacetin			EPA 8270A	03/18/97	ND	10.0
34461	Phenanthrene			EPA 8270A	03/18/97	ND	10.0
32730	Phenol			EPA 8270A	03/18/97	ND	10.0
N/A	p-Phenylenediamine			EPA 8270A	03/18/97	ND	10.0
46313	Phorate			EPA 8270A	03/18/97	ND	10.0
39516	PCBs			EPA 8080	02/26/97	ND	0.250
39080	Pronamide			EPA 8270A	03/18/97	ND	10.0
77007	Propionitrile			EPA 8260A	03/05/97	ND	10.0
34469	Pyrene			EPA 8270A	03/18/97	ND	10.0
77545	Safrole			EPA 8270A	03/18/97	ND	10.0
39760	Silvex			EPA 8150	02/27/97	ND	0.500
81520	Cliloroprene			EPA 8260A	03/05/97	ND	50.0
00746	Sulfide			EPA 376.2	02/25/97	ND	100.
39740	2,4,5-T			EPA 8150	02/27/97	ND	0.500
77734	1,2,4,5-Tetrachlorobenzene			EPA 8270A	03/18/97	ND	10.0
N/A	2,3,4,6-Tetrachlorophenol			EPA 8270A	03/18/97	ND	10.0
77142	o-Toluidine			EPA 8270A	03/18/97	ND	10.0
39401	Toxaphene			EPA 8080	02/26/97	ND	0.250
34551	1,2,4-Trichlorobenzene			EPA 8270A	03/18/97	ND	10.0
77687	2,4,5-Trichlorophenol			EPA 8270A	03/18/97	ND	10.0
34621	2,4,6-Trichlorophenol			EPA 8270A	03/18/97	ND	10.0
N/A	Triethyl phosphorothioate			EPA 8270A	03/18/97	ND	10.0
N/A	1,3,5-Trinitrobenzene			EPA 8270A	03/18/97	ND	10.0
77173	1,3-Dichloropropane			EPA 8260A	03/05/97	ND	5.00
77170	2,2-Dichloropropane			EPA 8260A	03/05/97	ND	5.00
77168	1,1-Dichloropropene			EPA 8260A	03/05/97	ND	5.00
34566	1,3-Dichlorobenzene			EPA 8260A	03/05/97	ND	5.00

* Attach Laboratory Reports

* Attach Laboratory Reports



BROWARD TESTING LABORATORY, LTD.

4416 N.E. 11TH AVE., FORT LAUDERDALE, FLORIDA 33334



Date: 02/26/97 Report #: 7140237 Laboratory ID #: 86418

Client: PASCO COUNTY UTILITIES

ATTN: CANDY MULHERN

8864 GOVERNMENT DR.

NEW PORT RICHEY, FL 34654~

Date Collected: 02/19/97

Time Collected: 12:55

SOURCE: P.C.E.L.

RESOURCE RECOVERY CLASS 1

A-1 SECONDARY

Date received at lab: 02/20/97

Time received at lab: 12:00

Collected by : C.CHILDRESS

ENVIRONMENTAL LABORATORY CERTIFICATION NUMBER E86035

LABORATORY PARAMETER ANALYSIS REPORT

Analysis Performed	Method	Analysis Result	Anal Date
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APPENDIX I & II WERE SUBCONTRACTED TO TOXIKON LABS, SEE ATTACHED.

Gary Meyer, Lab Director

18
6-11-97

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TOXIKON CORP.

REPORT

Work Order # 97-02-134

Received: 02/21/97

Results by Sample

SAMPLE ID <u>7140237-A2</u>		SAMPLE # <u>03</u> FRACTIONS: <u>A</u>	
Date & Time Collected <u>02/19/97 12:55:00</u> Category <u>LIQUID</u>			
CN_TOT	ND	HG	ND
mg/L DL=0.010		mg/L DL=0.0005	
<u>2/27/97</u>		<u>3/3/97</u>	
		S_FID	ND
		mg/L DL=0.10	
		<u>2/25/97</u>	
Analysis date 2-28-97			

Received: 02/21/97

Results by Sample

SAMPLE ID 7140237-A2FRACTION 03A TEST CODE 22ICP NAME ICAP METALS SCANDate & Time Collected 02/19/97 12:55:00 Category LIQUID

	RESULT	LIMIT
SILVER	<u>ND</u>	<u>0.007</u>
CADMIUM	<u>ND</u>	<u>0.010</u>
CHROMIUM	<u>ND</u>	<u>0.010</u>
COPPER	<u>ND</u>	<u>0.010</u>
NICKEL	<u>ND</u>	<u>0.020</u>
LEAD	<u>ND</u>	<u>0.050</u>
ZINC	<u>0.045</u>	<u>0.020</u>
ARSENIC	<u>ND</u>	<u>0.100</u>
SELENIUM	<u>ND</u>	<u>0.250</u>
BERYLLIUM	<u>ND</u>	<u>0.004</u>
ANTIMONY	<u>ND</u>	<u>0.150</u>
THALLIUM	<u>ND</u>	<u>0.300</u>
BARIUM	<u>0.100</u>	<u>0.010</u>
COBALT	<u>ND</u>	<u>0.010</u>
VANADIUM	<u>ND</u>	<u>0.010</u>
TIN	<u>ND</u>	<u>0.005</u>

Notes and Definitions for this Report:

EXTRACTED 02/27/97DATE RUN 02/28/97ANALYST VRINSTRUMENT ICPCONC FACTOR 1UNITS mg/L

Received: 02/21/97

Results by Sample

SAMPLE ID 7140237-A2FRACTION 03A TEST CODE 504 NAME EDB AND DBCP BY GCDate & Time Collected 02/19/97 12:55:00 Category LIQUIDEPA METHOD 504

PARAMETER	RESULT	DETECT LIMIT	CAS NUMBER
ETHYLENE DIBROMIDE (EDB)	ND	0.020	106-93-4
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	ND	0.020	96-12-8

NOTES AND DEFINITIONS FOR THIS REPORT

DATE RUN..... 02/25/97

INSTRUMENT..... HP-2

UNITS..... ug/L

ND = NOT DETECTED AT DETECTION LIMITS

Received: 02/21/97

Results by Sample

SAMPLE ID 7140237-A2FRACTION 03ATEST CODE 8080NAME PESTICIDES/PCBDate & Time Collected 02/19/97 12:55:00Category LIQUIDEPA 8080 - ORGANOCHLORINE PESTICIDES & PCB'S

	DETEC.			DETEC.	
	RESULT	LIMIT		RESULT	LIMIT
Alpha-BHC	ND	0.010	Aroclor 1016	ND	0.250
Gamma-BHC (Lindane)	ND	0.010	Aroclor 1221	ND	0.250
Beta-BHC	ND	0.010	Aroclor 1232	ND	0.250
Heptachlor	ND	0.010	Aroclor 1242	ND	0.250
Delta-BHC	ND	0.010	Aroclor 1248	ND	0.250
Aldrin	ND	0.010	Aroclor 1254	ND	0.250
Heptachlor Epoxide	ND	0.010	Aroclor 1260	ND	0.250
Endosulfan I	ND	0.010			
4,4'-DDE	ND	0.010			
Dieldrin	ND	0.010			
Endrin	ND	0.010			
4,4'-DDD	ND	0.010			
Endosulfan II	ND	0.010			
4,4'-DDT	ND	0.010			
Endrin Aldehyde	ND	0.010			
Endosulfan Sulfate	ND	0.010			
Chlordane	ND	0.500			
Toxaphene	ND	0.250			
Methoxychlor	ND	0.010			

Notes and Definitions for this Report:

EXTRACTED: 02/24/97
DATE RUN: 02/26/97
ANALYST: JRY
INSTRUMENT: HP-2
DIL. FACTOR: 1
UNITS: ug/L

ND = not detected at detection limit

Received: 02/21/97

Results by Sample

SAMPLE ID 7140237-A2FRACTION 03ATEST CODE 8150WNAME CHLORINATED HERB. - WATERDate & Time Collected 02/19/97 12:55:00Category LIQUIDEPA 8150 - CHLORINATED PESTICIDES

	RESULT	LIMIT
2,4-DB	<u>ND</u>	<u>0.500</u>
2,4-D	<u>ND</u>	<u>0.500</u>
2,4,5-T	<u>ND</u>	<u>0.500</u>
Silvex (2,4,5-TP)	<u>ND</u>	<u>0.500</u>
Dinoseb (DNBP)	<u>ND</u>	<u>0.500</u>
Dalapon	<u>ND</u>	<u>0.500</u>
Dicamba	<u>ND</u>	<u>0.500</u>
Dichlorprop	<u>ND</u>	<u>0.500</u>
MCPA	<u>ND</u>	<u>5000</u>
MCPP	<u>ND</u>	<u>5000</u>

Notes and Definitions for this Report:

EXTRACTED: 02/24/97DATE RUN: 02/27/97ANALYST: JRYINSTRUMENT: HP-2DIL. FACTOR: 1

Units: ug/l

ND = not detected at detection limit

Received: 02/21/97

Results by Sample

SAMPLE ID 7140237-A2FRACTION 03ATEST CODE 8260A2NAME PURGEABLE ORGANICS VOADate & Time Collected 02/19/97 12:55:00Category LIQUIDEPA 8260A PURGEABLE ORGANICS

	RESULT	LIMIT		RESULT	LIMIT
Acetone	ND	50.0			
Acetonitrile	ND	5.00	Ethylbenzene	ND	5.00
Acrolein	ND	100	Ethyl methacrylate	ND	10.0
Acrylonitrile	ND	10.0	2-Hexanone	ND	10.0
Allyl chloride	ND	10.0	Isobutyl alcohol	ND	5.00
Benzene	ND	5.00	Methacrylonitrile	ND	20.0
Bromochloromethane	ND	5.00	Methyl bromide	ND	5.00
Bromodichloromethane	ND	5.00	Methyl chloride	ND	5.00
Bromoform	ND	5.00	Methylene bromide	ND	10.0
Carbon disulfide	ND	5.00	Methylene chloride	ND	10.0
Carbon tetrachloride	ND	10.0	Methyl ethyl ketone	ND	10.0
Chlorobenzene	ND	5.00	Methyl iodide	ND	10.0
Chloroethane	ND	10.0	Methyl methacrylate	ND	10.0
Chloroform	ND	5.00	4-Methyl-2-pentanone	ND	10.0
Chloroprene	ND	50.0	Propionitrile	ND	10.0
Dibromochloromethane	ND	5.00	Styrene	ND	5.00
1,2-Dichlorobenzene	ND	5.00	1,1,1,2-Tetrachloroethane	ND	5.00
1,3-Dichlorobenzene	ND	5.00	1,1,2,2-Tetrachloroethane	ND	5.00
1,4-Dichlorobenzene	ND	5.00	Tetrachloroethene	ND	5.00
trans-1,4-Dichloro-2-butene	ND	50.0	Toluene	ND	5.00
Dichlorodifluoromethane	ND	5.00	1,1,1-Trichloroethane	ND	5.00
1,1-Dichloroethane	ND	5.00	1,1,2-Trichloroethane	ND	5.00
1,2-Dichloroethane	ND	5.00	Trichloroethene	ND	5.00
1,1-Dichloroethene	ND	5.00	Trichlorofluoromethane	ND	5.00
cis-1,2-Dichloroethene	ND	5.00	1,2,3-Trichloropropane	ND	5.00
trans-1,2-Dichloroethene	ND	5.00	Vinyl acetate	ND	5.00
1,2-Dichloropropane	ND	5.00	Vinyl chloride	ND	5.00
1,3-Dichloropropane	ND	5.00	Total xylenes	ND	5.00
2,2-Dichloropropane	ND	5.00	1,2-Dibromo3-chloropropane	ND	5.00
1,1-Dichloropropene	ND	5.00	1,2-Dibromomethane	ND	5.00
cis-1,3-Dichloropropene	ND	5.00			
trans-1,3-Dichloropropene	ND	5.00			

Surrogates	% Recovery	Surrogate Limits
Dibromofluoromethane	110	86 - 118
Toluene-d8	105	88 - 110
Bromofluorobenzene	103	86 - 115

Notes and Definitions for this Report:

DATE RUN: 03/05/97ANALYST: CINSTRUMENT: VOA-5972DIL. FACTOR: 1

COMMENTS: _____

UNITS: ug/L

ug/L - detected at detection limit

Received: 02/21/97

Results by Sample

SAMPLE ID 7140237-A2FRACTION 03A TEST CODE 8270A2 NAME A/BN EXTRACTABLES SOILDate & Time Collected 02/19/97 12:55:00Category LIQUID**EPA METHOD 8270A**

ANALYTE	RESULT	LIMIT	ANALYTE	RESULT	LIMIT
Acenaphthene	ND	10.0	3,3'-Dimethylbenzidine	ND	20.0
Acenaphthylene	ND	10.0	2,4-Dimethylphenol	ND	10.0
Acetophenone	ND	10.0	Dimethyl phthalate	ND	10.0
2-Acetyaminofluorene	ND	20.0	1-3-Dinitrobenzene	ND	10.0
4-Aminobiphenyl	ND	20.0	4,6-Dinitro-2-methylphenol	ND	50.0
Anthracene	ND	10.0	2-4-Dinitrophenol	ND	50.0
Benz(a)anthracene	ND	10.0	2,4-Dinitrotoluene	ND	10.0
Benzo(b)fluoranthene	ND	10.0	2,6-Dinitrotoluene	ND	10.0
Benzo(k)fluoranthene	ND	10.0	Di-n-octyl phthalate	ND	10.0
Benzo(g,h,i)perylene	ND	10.0	Diphenylamine	ND	10.0
Benzo(a)pyrene	ND	10.0	Disulfoton	ND	10.0
Benzyl alcohol	ND	20.0	Ethyl methanesufonate	ND	20.0
Bis(2-chloroethoxy)methane	ND	10.0	Famphur (Famophos)	ND	20.0
Bis(2-chloroethyl)ether	ND	10.0	Fluoranthene	ND	10.0
Bis(2-chloromethylethyl)ether	ND	10.0	Fluorene	ND	10.0
Bis(2-ethylhexyl)phthalate	ND	10.0	Hexachlorobutadiene	ND	10.0
4-Bromophenyl phenyl ether	ND	10.0	Hexachlorocyclopentadiene	ND	10.0
Butyl benzyl phthalate	ND	10.0	Hexachloroethane	ND	10.0
p-Chloroaniline	ND	20.0	Hexachloropropene	ND	10.0
Chlorobenzilate	ND	10.0	Indeno(1,2,3-cd)pyrene	ND	10.0
4-Chloro-3-methylphenol	ND	20.0	Isodrin	ND	20.0
2-Chloronaphthalene	ND	10.0	Isophorone	ND	10.0
2-Chlorophenol	ND	10.0	Isosafrole	ND	10.0
4-Chlorophenyl phenyl ether	ND	10.0	Kepone	ND	20.0
Chrysene	ND	10.0	Methapyrilene	ND	100
o-Cresol(2-Methylphenol)	ND	10.0	3-Methylchlolanthrene	ND	10.0
m-Cresol(3-Methylphenol)	ND	10.0	Methyl methanesulfonate	ND	10.0
p-Cresol(4-Methylphenol)	ND	10.0	2-Methylnaphthalene	ND	10.0
Diallate (total)	ND	10.0	Methyl parathion	ND	10.0
Dibenz(a,h)anthracene	ND	10.0	Naphthalene	ND	10.0
Dibenzofuran	ND	10.0	1,4-Naphthoquinone	ND	10.0
Di-n-butyl phthalate	ND	10.0	1-Naphthylamine	ND	10.0
1,2-Dichlorobenzene	ND	10.0	2-Naphthylamine	ND	10.0
1,3-Dichlorobenzene	ND	10.0	2-Nitroaniline	ND	50.0
1,4-Dichlorobenzene	ND	10.0	3-Nitroaniline	ND	20.0
3,3'-Dichlorobenzidine	ND	20.0	4-Nitroaniline	ND	40.0
2,4-Dichlorophenol	ND	10.0	Nitrobenzene	ND	10.0
2,6-Dichlorophenol	ND	10.0	2-Nitrophenol	ND	10.0
Diethyl phthalate	ND	10.0	4-Nitrophenol	ND	50.0
0,0-Diethyl 0-2-pyrazinyl			n-Nitrosodi-n-butylamine	ND	10.0
phosphoroethoate	ND	10.0	n-Nitrosodiethylamine	ND	20.0
Dimethoate	ND	10.0	n-Nitrosodimethylamine	ND	10.0
p-(Dimethylamino)azobenzene	ND	10.0	n-Nitrosodiphenylamine	ND	10.0
7,12-Dimethylbenz(a)anthracene	ND	10.0			

CONTINUED ON FOLLOWING PAGE

Received: 02/21/97

Results by Sample

Continued From Above

SAMPLE ID 7140237-A2FRACTION 03ATEST CODE 8270A2NAME A/BN EXTRACTABLES SOILDate & Time Collected 02/19/97 12:55:00Category LIQUIDEPA METHOD 8270A

ANALYTE	RESULT	LIMIT	ANALYTE	RESULT	LIMIT
n-Nitroso-n-dipropylamine	ND	10.0	1,2,4-Trichlorobenzene	ND	10.0
n-Nitrosomethylethylamine	ND	10.0	2,4,5-Trichlorophenol	ND	10.0
n-Nitrosopiperidine	ND	10.0	2,4,6-Trichlorophenol	ND	10.0
n-Nitrosopyrrolidine	ND	10.0	Triethyl phosphorothioate	ND	10.0
5-Nitro-o-toluidine	ND	10.0	1,3,5-Trinitrobenzene	ND	10.0
Parathion (Parathion ethyl)	ND	10.0	Hexachlorobenzene	ND	10.0
Pentachlorobenzene	ND	10.0	Dimethoate	ND	10.0
Pentachloronitrobenzene	ND	10.0	Disulfoton	ND	10.0
Pentachlorophenol	ND	10.0	Parathion	ND	10.0
Phenacetin	ND	10.0	Methyl parathion	ND	10.0
Phenanthrene	ND	10.0	Phorate	ND	10.0
Phenol	ND	10.0			
p-Phenylenediamine	ND	10.0			
Phorate	ND	10.0			
Pronamide	ND	10.0			
Pyrene	ND	10.0			
Safrole	ND	10.0			
1,2,4,5-Tetrachlorobenzene	ND	10.0			
2,3,4,6-Tetrachlorophenol	ND	10.0			
o-Toluidine	ND	10.0			

Surrogates	% Recovery	Surrogate Limits
2-Fluorophenol	39	21 - 100
Phenol-d6	51	10 - 94
Nitrobenzene-d5	68	35 - 114
2-Fluorobiphenyl	68	43 - 116
2,4,6-Tribromophenol	49	10 - 123
Terphenyl-d14	75	33 - 141

Notes and Definitions for this Report:

UNITS: ug/LEXTRACTED: 02/26/97DATE RUN: 03/18/97ANALYST: DSINSTRUMENT: FDIL. FACTOR: 1

ND = not detected at detection limit

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030

Sampling Date/Time: 02/19/97 @ 1130

Test Site ID #:

Report Period: 1997 / 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):

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000620	Nitrate	Well Wiz. Ded. Mon. System	No	EPA 353.2	02/20/97 1630	<0.11 mg/L	0.15 mg/L
000940	Chloride	"	"	SM 4500C1-B	02/24/97 1130	5,927 mg/L	0.15 mg/L
000400	pH-Field	"	"	EPA 150.1	02/19/97 1130	6.16 Std. Units	0.01 Std. Units
070300	Total Dis. Solids	"	"	SM 2540C	02/21/97 1600	10,885 mg/L	1 mg/L
000344	Dissolved Oxygen	"	"	SM 4500 O G	02/19/97 1130	2.0 mg/L	0.01 mg/L
000410	Bicarbonate	"	"	EPA 310.1	02/25/97 1010	118 mg/L	1 mg/L
000095	Specific Cond. (Field)	"	"	SM 2510B	02/19/97 1130	15,512 µmhos/cm	0.00 µmhos/cm
000010	Temperature (Field)	"	"	SM 2550B	02/19/97 1130	22.5 °C	0 °C
000610	Ammonia	"	"	EPA 350.1	02/20/97 1600	13.2 mg/L	0.15 mg/L
001045	Iron	"	"	EPA 236.2	02/21/97 1010	0.53 mg/L	0.001 mg/L
000929	Sodium	"	"	EPA 273.1	02/21/97 1120	1,250 mg/L	0.01 mg/L
071900	Mercury	"	"	EPA 245.1	02/24/97 1055	<0.0002 mg/L	0.0005 mg/L

*Attach Laboratory Reports

PART III - ANALYTICAL RESULTS

Facility GMS #: _____
 Test Site ID #: _____

Sampling Date/Time: 02/19/97 AT 11:30
 Report Period: _____
 (Year/Quarter)

WELL NAME: SW-1 PRIMARY

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	
00400	pH (field)					Std. Units	Std. Units
	Water Level Elev.					Ft. NGVD	Ft. NGVD
00094	Specific Cond. (field)					μ mhos/cm	μ mhos/cm
01095	Antimony			EPA 200.7	02/28/97	ND	0.150
01000	Arsenic			EPA 200.7	02/28/97	ND	0.100
01005	Barium			EPA 200.7	02/28/97	0.368	0.010
01010	Beryllium			EPA 200.7	02/28/97	ND	0.004
01025	Cadmium			EPA 200.7	02/28/97	ND	0.010
01030	Chromium			EPA 200.7	02/28/97	ND	0.010
01035	Cobalt			EPA 200.7	02/28/97	ND	0.010
01040	Copper			EPA 200.7	02/28/97	ND	0.010
01049	Lead			EPA 200.7	02/28/97	ND	0.050
01065	Nickel			EPA 200.7	02/28/97	ND	0.020
01145	Selenium			EPA 200.7	02/28/97	ND	0.250
01075	Silver			EPA 200.7	02/28/97	ND	0.007
01057	Thallium			EPA 200.7	02/28/97	ND	0.300
01085	Vanadium			EPA 200.7	02/28/97	ND	0.010
71890	Mercury			EPA 245.1	03/03/97	ND	0.0005
01100	Tin			EPA 200.7	02/28/97	ND	0.005
01090	Zinc			EPA 200.7	02/28/97	0.041	0.020
00723	Cyanide			EPA 335.2	02/27/97	ND	0.010

* Attach Laboratory Reports

PART III - ANALYTICAL RESULTS (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units ($\mu\text{g/l}$)	Detection Limits/ Units ($\mu\text{g/l}$)
81552	Acetone			EPA 8260A	03/05/97	ND	50.0
34215	Acrylonitrile			EPA 8260A	03/05/97	ND	10.0
34235	Benzene			EPA 8260A	03/05/97	ND	5.00
N/A	Bromochloromethane			EPA 8260A	03/05/97	ND	5.00
32101	Bromodichloromethane			EPA 8260A	03/05/97	ND	5.00
32104	Bromoform			EPA 8260A	03/05/97	ND	5.00
77041	Carbon disulfide			EPA 8260A	03/05/97	ND	5.00
32102	Carbon tetrachloride			EPA 8260A	03/05/97	ND	10.0
34301	Chlorobenzene			EPA 8260A	03/05/97	ND	5.00
34311	Chloroethane			EPA 8260A	03/05/97	ND	10.0
32106	Chloroform			EPA 8260A	03/05/97	ND	5.00
32105	Dibromochloromethane			EPA 8260A	03/05/97	ND	5.00
38761	1,2-Dibromo-3-chloropropane			EPA 504	02/25/97	ND	0.020
77651	1,2-Dibromoethane			EPA 504	02/25/97	ND	0.020
34537	o-Dichlorobenzene			EPA 8260A	03/05/97	ND	5.00
34571	p-Dichlorobenzene			EPA 8260A	03/05/97	ND	5.00
49263	trans-1,4-Dichloro-2-butene			EPA 8260A	03/05/97	ND	50.0
34496	1,1-Dichloroethane			EPA 8260A	03/05/97	ND	5.00
32103	1,2-Dichloroethane			EPA 8260A	03/05/97	ND	5.00
34502	1,1-Dichloroethene			EPA 8260A	03/05/97	ND	5.00
81686	cis-1,2-Dichloroethene			EPA 8260A	03/05/97	ND	5.00
34546	trans-1,2-Dichloroethene			EPA 8260A	03/05/97	ND	5.00
34541	1,2-Dichloropropane			EPA 8260A	03/05/97	ND	5.00
34704	cis-1,3-Dichloropropene			EPA 8260A	03/05/97	ND	5.00
34699	trans-1,3-Dichloropropene			EPA 8260A	03/05/97	ND	5.00
78113	Ethylbenzene			EPA 8260A	03/05/97	ND	5.00
77103	2-Hexanone			EPA 8260A	03/05/97	ND	10.0
34413	Methyl bromide			EPA 8260A	03/05/97	ND	5.00

* Attach Laboratory Reports

7140238/SW-1 PRIMARY
PART III - ANALYTICAL RESULTS (Continued)

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	03/05/97	ND	5.00
77596	Methylene bromide			EPA 8260A	03/05/97	ND	10.0
34423	Methylene chloride			EPA 8260A	03/05/97	ND	10.0
81595	Methyl ethyl ketone			EPA 8260A	03/05/97	ND	10.0
49262	Methyl iodide			EPA 8260A	03/05/97	ND	10.0
78133	4-Methyl-2-pentanone			EPA 8260A	03/05/97	ND	10.0
77128	Styrene			EPA 8260A	03/05/97	ND	5.00
77562	1,1,1,2-Tetrachloroethane			EPA 8260A	03/05/97	ND	5.00
34516	1,1,2,2-Tetrachloroethane			EPA 8260A	03/05/97	ND	5.00
34476	Tetrachloroethene			EPA 8260A	03/05/97	ND	5.00
78131	Toluene			EPA 8260A	03/05/97	ND	5.00
34506	1,1,1-Trichloroethane			EPA 8260A	03/05/97	ND	5.00
34511	1,1,2-Trichloroethane			EPA 8260A	03/05/97	ND	5.00
34485	Trichloroethene			EPA 8260A	03/05/97	ND	5.00
34488	Trichlorofluoromethane			EPA 8260A	03/05/97	ND	5.00
77443	1,2,3-Trichloropropane			EPA 8260A	03/05/97	ND	5.00
77057	Vinyl acetate			EPA 8260A	03/05/97	ND	5.00
39175	Vinyl chloride			EPA 8260A	03/05/97	ND	5.00
81551	Xylenes			EPA 8260A	03/05/97	ND	5.00

* Attach Laboratory Reports

PART III - ANALYTICAL RESULTS (Continued)

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	03/18/97	ND	10.0
34200	Acenaphthylene			EPA 8270A	03/18/97	ND	10.0
N/A	Acetonitrile			EPA 8260A	03/05/97	ND	5.00
81553	Acetophenone			EPA 8270A	03/18/97	ND	10.0
N/A	2-Acetylaminofluorene			EPA 8270A	03/18/97	ND	20.0
34210	Acrolein			EPA 8260A	03/05/97	ND	100
39330	Aldrin			EPA 8080	02/26/97	ND	0.010
78109	Allyl chloride			EPA 8260A	03/05/97	ND	10.0
N/A	4-Aminobiphenyl			EPA 8270A	03/18/97	ND	20.0
34220	Anthracene			EPA 8270A	03/18/97	ND	10.0
34527	Benzo(a)anthracene			EPA 8270A	03/18/97	ND	10.0
34230	Benzo(b)fluoranthene			EPA 8270A	03/18/97	ND	10.0
34242	Benzo(k)fluoranthene			EPA 8270A	03/18/97	ND	10.0
34522	Benzo(ghi)perylene			EPA 8270A	03/18/97	ND	10.0
34247	Benzo(a)pyrene			EPA 8270A	03/18/97	ND	10.0
77147	Benzyl alcohol			EPA 8270A	03/18/97	ND	20.0
39337	alpha-BHC			EPA 8080	02/26/97	ND	0.010
39338	beta-BHC			EPA 8080	02/26/97	ND	0.010
34259	delta-BHC			EPA 8080	02/26/97	ND	0.010
39340	gamma-BHC			EPA 8080	02/26/97	ND	0.010
34278	Bis(2-chloroethoxy)methane			EPA 8270A	03/18/97	ND	10.0
34273	Bis(2-chloroethyl)ether			EPA 8270A	03/18/97	ND	10.0
34284	Bis(2-chloroisopropyl)ether			EPA 8270A	03/18/97	ND	10.0
39100	Bis(2-ethylhexyl)phthalate			EPA 8270A	03/18/97	ND	10.0
34636	4-Bromophenyl phenyl ether			EPA 8270A	03/18/97	ND	10.0
51003	Butyl benzyl phthalate			EPA 8270A	03/18/97	ND	10.0
39350	Chlordane			EPA 8080	02/26/97	ND	0.500
60037	p-Chloroaniline			EPA 8270A	03/18/97	ND	20.0
39460	Chlorobenzilate			EPA 8270A	03/18/97	ND	10.0

PART III - ANALYTICAL RESULTS (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units ($\mu\text{g/l}$)	Detection Limits/ Units ($\mu\text{g/l}$)
N/A	4-Chloro-3-methylphenol			EPA 8270A	03/18/97	ND	20.0
34581	2-Chloronaphthalene			EPA 8270A	03/18/97	ND	10.0
34586	2-Chlorophenol			EPA 8270A	03/18/97	ND	10.0
34641	4-Chlorophenyl phenyl ether			EPA 8270A	03/18/97	ND	10.0
34320	Chrysene			EPA 8270A	03/18/97	ND	10.0
N/A	3-Methylphenol			EPA 8270A	03/18/97	ND	10.0
77152	2-Methylphenol			EPA 8270A	03/18/97	ND	10.0
N/A	4-Methylphenol			EPA 8270A	03/18/97	ND	10.0
39730	2,4-D			EPA 8150	02/27/97	ND	0.500
39361	4,4'-DDD			EPA 8080	02/26/97	ND	0.010
39366	4,4'-DDE			EPA 8080	02/26/97	ND	0.010
39371	4,4'-DDT			EPA 8080	02/26/97	ND	0.010
N/A	Diallate			EPA 8270A	03/18/97	ND	10.0
51004	Dibenzo(a,h)anthracene			EPA 8270A	03/18/97	ND	10.0
81302	Dibenzofuran			EPA 8270A	03/18/97	ND	10.0
39110	Di-n-butyl phthalate			EPA 8270A	03/18/97	ND	10.0
34631	3,3'-Dichlorobenzidine			EPA 8270A	03/18/97	ND	20.0
34601	2,4-Dichlorophenol			EPA 8270A	03/18/97	ND	10.0
77541	2,6-Dichlorophenol			EPA 8270A	03/18/97	ND	10.0
39380	Dieldrin			EPA 8080	02/26/97	ND	0.010
34336	Diethyl phthalate			EPA 8270A	03/18/97	ND	10.0
N/A	0,0-Diethyl 0,2-pyrazinyl phosphorothioate			EPA 8270A	03/18/97	ND	10.0
46314	Dimethoate			EPA 8270A	03/18/97	ND	10.0
N/A	p-(Dimethylamino)azobenzene			EPA 8270A	03/18/97	ND	10.0
N/A	7,12-Dimethylbenz(a)anthracene			EPA 8270A	03/18/97	ND	10.0
N/A	3,3'-Dimethylbenzidine			EPA 8270A	03/18/97	ND	20.0
34606	2,4-Dimethylphenol			EPA 8270A	03/18/97	ND	10.0
34341	Dimethyl phthalate			EPA 8270A	03/18/97	ND	10.0
N/A	m-Dinitrobenzene			EPA 8270A	03/18/97	ND	10.0

* Attach Laboratory Reports

PART III - ANALYTICAL RESULTS (Continued)

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	03/18/97	ND	50.0
34616	2,4-Dinitrophenol			EPA 8270A	03/18/97	ND	50.0
34611	2,4-Dinitrotoluene			EPA 8270A	03/18/97	ND	10.0
34626	2,6-Dinitrotoluene			EPA 8270A	03/18/97	ND	10.0
38779	Dinoseb			EPA 8150	02/27/97	ND	0.500
34597	Di-n-octyl phthalate			EPA 8270A	03/18/97	ND	10.0
77579	Diphenylamine			EPA 8270A	03/18/97	ND	10.0
81888	Disulfoton			EPA 8270A	03/18/97	ND	10.0
34361	Endosulfan I			EPA 8080	02/26/97	ND	0.010
34356	Endosulfan II			EPA 8080	02/26/97	ND	0.010
34351	Endosulfan sulfate			EPA 8080	02/26/97	ND	0.010
39390	Endrin			EPA 8080	02/26/97	ND	0.010
34366	Endrin aldehyde			EPA 8080	02/26/97	ND	0.010
N/A	Ethyl methanesulfonate			EPA 8270A	03/18/97	ND	20.0
38462	Famphur			EPA 8270A	03/18/97	ND	20.0
34376	Fluoranthene			EPA 8270A	03/18/97	ND	10.0
34381	Fluorene			EPA 8270A	03/18/97	ND	10.0
39410	Heptachlor			EPA 8080	02/26/97	ND	0.010
39420	Heptachlor epoxide			EPA 8080	02/26/97	ND	0.010
39700	Hexachlorobenzene			EPA 8270A	03/18/97	ND	10.0
34391	Hexachlorobutadiene			EPA 8270A	03/18/97	ND	10.0
34386	Hexachlorocyclopentadiene			EPA 8270A	03/18/97	ND	10.0
34396	Hexachloroethane			EPA 8270A	03/18/97	ND	10.0
N/A	Hexachloropropene			EPA 8270A	03/18/97	ND	10.0
77033	Isobutyl alcohol			EPA 8260A	03/05/97	ND	5.00
39430	Isodrin			EPA 8270A	03/18/97	ND	20.0
34408	Isophorone			EPA 8270A	03/18/97	ND	10.0
N/A	Isosafrole			EPA 8270A	03/18/97	ND	10.0
81593	Methacrylonitrile			EPA 8260A	03/05/97	ND	20.0

PART III - ANALYTICAL RESULTS (Continued)

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	03/18/97	ND	100
39480	Methoxychlor			EPA 8080	02/26/97	ND	0.010
N/A	3-Methylcholanthrene			EPA 8270A	03/18/97	ND	10.0
81597	Methyl methacrylate			EPA 8260A	03/05/97	ND	10.0
N/A	Methyl methanesulfonate			EPA 8270A	03/18/97	ND	10.0
77416	2-Methylnaphthalene			EPA 8270A	03/18/97	ND	10.0
39600	Methyl parathion			EPA 8270A	03/18/97	ND	10.0
34696	Naphthalene			EPA 8270A	03/18/97	ND	10.0
N/A	1,4-Naphthoquinone			EPA 8270A	03/18/97	ND	10.0
N/A	1-Naphthylamine			EPA 8270A	03/18/97	ND	10.0
N/A	2-Naphthylamine			EPA 8270A	03/18/97	ND	10.0
N/A	2-Nitroaniline			EPA 8270A	03/18/97	ND	50.0
78300	3-Nitroaniline			EPA 8270A	03/18/97	ND	20.0
30342	4-Nitroaniline			EPA 8270A	03/18/97	ND	40.0
34447	Nitrobenzene			EPA 8270A	03/18/97	ND	10.0
34591	2-Nitrophenol			EPA 8270A	03/18/97	ND	10.0
34646	4-Nitrophenol			EPA 8270A	03/18/97	ND	50.0
N/A	n-Nitrosodi-n-butylamine			EPA 8270A	03/18/97	ND	10.0
78200	n-Nitrosodiethylamine			EPA 8270A	03/18/97	ND	20.0
34438	n-Nitrosodimethylamine			EPA 8270A	03/18/97	ND	10.0
34433	n-Nitrosodiphenylamine			EPA 8270A	03/18/97	ND	10.0
34429	n-Nitroso-n-dipropylamine			EPA 8270A	03/18/97	ND	10.0
N/A	n-Nitrosomethylethylamine			EPA 8270A	03/18/97	ND	10.0
N/A	n-Nitrosopiperidine			EPA 8270A	03/18/97	ND	10.0
78206	n-Nitrosopyrrolidine			EPA 8270A	03/18/97	ND	10.0
N/A	5-Nitro-o-toluidine			EPA 8270A	03/18/97	ND	10.0
39540	Parathion			EPA 8270A	03/18/97	ND	10.0
77793	Pentachlorobenzene			EPA 8270A	03/18/97	ND	10.0
81316	Pentachloronitrobenzene			EPA 8270A	03/18/97	ND	10.0

PART III - ANALYTICAL RESULTS (Continued)

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	03/18/97	ND	10.0
N/A	Phenacetin			EPA 8270A	03/18/97	ND	10.0
34461	Phenanthrene			EPA 8270A	03/18/97	ND	10.0
32730	Phenol			EPA 8270A	03/18/97	ND	10.0
N/A	p-Phenylenediamine			EPA 8270A	03/18/97	ND	10.0
46313	Phorate			EPA 8270A	03/18/97	ND	10.0
39516	PCBs			EPA 8080	02/26/97	ND	0.250
39080	Pronamide			EPA 8270A	03/18/97	ND	10.0
77007	Propionitrile			EPA 8260A	03/05/97	ND	10.0
34469	Pyrene			EPA 8270A	03/18/97	ND	10.0
77545	Safrole			EPA 8270A	03/18/97	ND	10.0
39760	Silvex			EPA 8150	02/27/97	ND	0.500
81520	Chloroprene			EPA 8260A	03/05/97	ND	50.0
00746	Sulfide			EPA 376.2	02/25/97	ND	100
39740	2,4,5-T			EPA 8150	02/27/97	ND	0.500
77734	1,2,4,5-Tetrachlorobenzene			EPA 8270A	03/18/97	ND	10.0
N/A	2,3,4,6-Tetrachlorophenol			EPA 8270A	03/18/97	ND	10.0
77142	o-Toluidine			EPA 8270A	03/18/97	ND	10.0
39401	Toxaphene			EPA 8080	02/26/97	ND	0.250
34551	1,2,4-Trichlorobenzene			EPA 8270A	03/18/97	ND	10.0
77687	2,4,5-Trichlorophenol			EPA 8270A	03/18/97	ND	10.0
34621	2,4,6-Trichlorophenol			EPA 8270A	03/18/97	ND	10.0
N/A	Triethyl phosphorothioate			EPA 8270A	03/18/97	ND	10.0
N/A	1,3,5-Trinitrobenzene			EPA 8270A	03/18/97	ND	10.0
77173	1,3-Dichloropropane			EPA 8260A	03/05/97	ND	5.00
77170	2,2-Dichloropropane			EPA 8260A	03/05/97	ND	5.00
77168	1,1-Dichloropropene			EPA 8260A	03/05/97	ND	5.00
34566	1,3-Dichlorobenzene			EPA 8260A	03/05/97	ND	5.00

* Attach Laboratory Reports



BROWARD TESTING LABORATORY, LTD.

4416 N.E. 11TH AVE., FORT LAUDERDALE, FLORIDA 33334



Date: 02/26/97 Report #: 7140238 Laboratory ID #: 86418

Client: PASCO COUNTY UTILITIES

ATTN: CANDY MULHERN

8864 GOVERNMENT DR.

NEW PORT RICHEY, FL 34654-

Date Collected: 02/19/97

Time Collected: 11:30

SOURCE: P.C.E.L.

RESOURCE RECOVERY CLASS 1

SW-1 PRIMARY

Date received at lab: 02/20/97

Time received at lab: 12:00

Collected by : C.CHILDRESS

ENVIRONMENTAL LABORATORY CERTIFICATION NUMBER E86035

LABORATORY PARAMETER ANALYSIS REPORT

Analysis Performed	Method	Analysis Result	Anal Date
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APPENDIX I & II WERE SUBCONTRACTED TO TOXIKON LABS, SEE ATTACHED.

Gary Meyer, Lab Director

Received: 02/21/97

Results by Sample

SAMPLE ID <u>7140238-SW1</u>				SAMPLE # <u>04</u> FRACTIONS: <u>A</u>			
				Date & Time Collected <u>02/19/97 11:30:00</u> Category <u>LIQUID</u>			
CN_TOT	ND	HG	ND	S_FID	ND		
mg/L DL=0.010		mg/L DL=0.0005		mg/L DL=0.10			
<u>2/27/97</u>		<u>3/3/97</u>		<u>2/25/97</u>		<u>Analyzed 2-28-97</u>	

pas

Received: 02/21/97

Results by Sample

SAMPLE ID 7140238-SW1FRACTION 04ATEST CODE 221CPNAME ICAP METALS SCANDate & Time Collected 02/19/97 11:30:00Category LIQUID

	RESULT	LIMIT
SILVER	<u>ND</u>	<u>0.007</u>
CADMIUM	<u>ND</u>	<u>0.010</u>
CHROMIUM	<u>ND</u>	<u>0.010</u>
COPPER	<u>ND</u>	<u>0.010</u>
NICKEL	<u>ND</u>	<u>0.020</u>
LEAD	<u>ND</u>	<u>0.050</u>
ZINC	<u>0.041</u>	<u>0.020</u>
ARSENIC	<u>ND</u>	<u>0.100</u>
SELENIUM	<u>ND</u>	<u>0.250</u>
BERYLLIUM	<u>ND</u>	<u>0.004</u>
ANTIMONY	<u>ND</u>	<u>0.150</u>
THALLIUM	<u>ND</u>	<u>0.300</u>
BARIUM	<u>0.368</u>	<u>0.010</u>
COBALT	<u>ND</u>	<u>0.010</u>
VANADIUM	<u>ND</u>	<u>0.010</u>
TIN	<u>ND</u>	<u>0.005</u>

Notes and Definitions for this Report:

EXTRACTED 02/27/97DATE RUN 02/28/97ANALYST VRINSTRUMENT ICPCONC FACTOR 1UNITS mg/L

Received: 02/21/97

Results by Sample

SAMPLE ID 7140238-SW1FRACTION 04ATEST CODE 504NAME EDB AND DBCP BY GCDate & Time Collected 02/19/97 11:30:00Category LIQUIDEPA METHOD 504

PARAMETER	RESULT	DETECT LIMIT	CAS NUMBER
ETHYLENE DIBROMIDE (EDB)	ND	0.020	106-93-4
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	ND	0.020	96-12-8

NOTES AND DEFINITIONS FOR THIS REPORT

DATE RUN..... 02/25/97

INSTRUMENT..... HP-2

UNITS..... ug/L

ND = NOT DETECTED AT DETECTION LIMITS

Received: 02/21/97

Results by Sample

SAMPLE ID 7140238-SW1FRACTION 04ATEST CODE 8080NAME PESTICIDES/PCBDate & Time Collected 02/19/97 11:30:00Category LIQUID**EPA 8080 - ORGANOCHLORINE PESTICIDES & PCB's**

	DETEC.			DETEC.	
	RESULT	LIMIT		RESULT	LIMIT
Alpha-BHC	ND	0.010	Aroclor 1016	ND	0.250
Gamma-BHC (Lindane)	ND	0.010	Aroclor 1221	ND	0.250
Beta-BHC	ND	0.010	Aroclor 1232	ND	0.250
Heptachlor	ND	0.010	Aroclor 1242	ND	0.250
Delta-BHC	ND	0.010	Aroclor 1248	ND	0.250
Aldrin	ND	0.010	Aroclor 1254	ND	0.250
Heptachlor Epoxide	ND	0.010	Aroclor 1260	ND	0.250
Endosulfan I	ND	0.010			
4,4'-DDE	ND	0.010			
Dieldrin	ND	0.010			
Endrin	ND	0.010			
4,4'-DDD	ND	0.010			
Endosulfan II	ND	0.010			
4,4'-DDT	ND	0.010			
Endrin Aldehyde	ND	0.010			
Endosulfan Sulfate	ND	0.010			
Chlordane	ND	0.500			
Toxaphene	ND	0.250			
Methoxychlor	ND	0.010			

Notes and Definitions for this Report:

EXTRACTED: 02/24/97
DATE RUN: 02/26/97
ANALYST: JRY
INSTRUMENT: HP-2
DIL. FACTOR: 1
UNITS: ug/L

ND = not detected at detection limit

Received: 02/21/97

Results by Sample

SAMPLE ID 7140238-SW1FRACTION 04ATEST CODE 8150WNAME CHLORINATED HERB. - WATERDate & Time Collected 02/19/97 11:30:00Category LIQUIDEPA 8150 - CHLORINATED PESTICIDES

	RESULT	LIMIT
2,4-DB	<u>ND</u>	<u>0.500</u>
2,4-D	<u>ND</u>	<u>0.500</u>
2,4,5-T	<u>ND</u>	<u>0.500</u>
Silvex (2,4,5-TP)	<u>ND</u>	<u>0.500</u>
Dinoseb (DNBP)	<u>ND</u>	<u>0.500</u>
Dalapon	<u>ND</u>	<u>0.500</u>
Dicamba	<u>ND</u>	<u>0.500</u>
Dichlorprop	<u>ND</u>	<u>0.500</u>
MCPA	<u>ND</u>	<u>5000</u>
MCPP	<u>ND</u>	<u>5000</u>

Notes and Definitions for this Report:

EXTRACTED: 02/24/97
DATE RUN: 02/27/97
ANALYST: JRY
INSTRUMENT: HP-2
DIL. FACTOR: 1

ND = not detected at detection limit

Received: 02/21/97

Results by Sample

SAMPLE ID 7140238-SW1FRACTION 04ATEST CODE 8260A2NAME PURGEABLE ORGANICS VOADate & Time Collected 02/19/97 11:30:00Category LIQUID**EPA 8260A PURGEABLE ORGANICS**

	RESULT	LIMIT		RESULT	LIMIT
Acetone	ND	50.0			
Acetonitrile	ND	5.00	Ethylbenzene	ND	5.00
Acrolein	ND	100	Ethyl methacrylate	ND	10.0
Acrylonitrile	ND	10.0	2-Hexanone	ND	10.0
Allyl chloride	ND	10.0	Isobutyl alcohol	ND	5.00
Benzene	ND	5.00	Methacrylonitrile	ND	20.0
Bromochloromethane	ND	5.00	Methyl bromide	ND	5.00
Bromodichloromethane	ND	5.00	Methyl chloride	ND	5.00
Bromoform	ND	5.00	Methylene bromide	ND	10.0
Carbon disulfide	ND	5.00	Methylene chloride	ND	10.0
Carbon tetrachloride	ND	10.0	Methyl ethyl ketone	ND	10.0
Chlorobenzene	ND	5.00	Methyl iodide	ND	10.0
Chloroethane	ND	10.0	Methyl methacrylate	ND	10.0
Chloroform	ND	5.00	4-Methyl-2-pentanone	ND	10.0
Chloroprene	ND	50.0	Propionitrile	ND	10.0
Dibromochloromethane	ND	5.00	Styrene	ND	5.00
1,2-Dichlorobenzene	ND	5.00	1,1,1,2-Tetrachloroethane	ND	5.00
1,3-Dichlorobenzene	ND	5.00	1,1,2,2-Tetrachloroethane	ND	5.00
1,4-Dichlorobenzene	ND	5.00	Tetrachloroethene	ND	5.00
trans-1,4-Dichloro-2-butene	ND	50.0	Toluene	ND	5.00
Dichlorodifluoromethane	ND	5.00	1,1,1-Trichloroethane	ND	5.00
1,1-Dichloroethane	ND	5.00	1,1,2-Trichloroethane	ND	5.00
1,2-Dichloroethane	ND	5.00	Trichloroethene	ND	5.00
1,1-Dichloroethene	ND	5.00	Trichlorofluoromethane	ND	5.00
cis-1,2-Dichloroethene	ND	5.00	1,2,3-Trichloropropane	ND	5.00
trans-1,2-Dichloroethene	ND	5.00	Vinyl acetate	ND	5.00
1,2-Dichloropropane	ND	5.00	Vinyl chloride	ND	5.00
1,3-Dichloropropane	ND	5.00	Total xylenes	ND	5.00
2,2-Dichloropropane	ND	5.00	1,2-Dibromo3-chloropropane	ND	5.00
1,1-Dichloropropene	ND	5.00	1,2-Dibromomethane	ND	5.00
cis-1,3-Dichloropropene	ND	5.00			
trans-1,3-Dichloropropene	ND	5.00			

Surrogates	% Recovery	Surrogate Limits
Dibromofluoromethane	113	86 - 118
Toluene-d8	105	88 - 110
Bromofluorobenzene	104	86 - 115

Notes and Definitions for this Report:

DATE RUN: 03/05/97ANALYST: CINSTRUMENT: VOA-5972DIL. FACTOR: 1

COMMENTS: _____

UNITS: ug/L

ND = not detected at detection limit

Received: 02/21/97

Results by Sample

SAMPLE ID 7140238-SW1FRACTION 04A TEST CODE 8270A2 NAME A/BM EXTRACTABLES SOILDate & Time Collected 02/19/97 11:30:00Category LIQUID**EPA METHOD 8270A**

ANALYTE	RESULT	LIMIT	ANALYTE	RESULT	LIMIT
Acenaphthene	ND	10.0	3,3'-Dimethylbenzidine	ND	20.0
Acenaphthylene	ND	10.0	2,4-Dimethylphenol	ND	10.0
Acetophenone	ND	10.0	Dimethyl phthalate	ND	10.0
2-Acetyaminofluorene	ND	20.0	1-3-Dinitrobenzene	ND	10.0
4-Aminobiphenyl	ND	20.0	4,6-Dinitro-2-methylphenol	ND	50.0
Anthracene	ND	10.0	2-4-Dinitrophenol	ND	50.0
Benz(a)anthracene	ND	10.0	2,4-Dinitrotoluene	ND	10.0
Benzo(b)fluoranthene	ND	10.0	2,6-Dinitrotoluene	ND	10.0
Benzo(k)fluoranthene	ND	10.0	Di-n-octyl phthalate	ND	10.0
Benzo(g,h,i)perylene	ND	10.0	Diphenylamine	ND	10.0
Benzo(a)pyrene	ND	10.0	Disulfoton	ND	10.0
Benzyl alcohol	ND	20.0	Ethyl methanesulfonate	ND	20.0
Bis(2-chloroethoxy)methane	ND	10.0	Famphur (Famophos)	ND	20.0
Bis(2-chloroethyl)ether	ND	10.0	Fluoranthene	ND	10.0
Bis(2-chloromethylethyl)ether	ND	10.0	Fluorene	ND	10.0
Bis(2-ethylhexyl)phthalate	ND	10.0	Hexachlorobutadiene	ND	10.0
4-Bromophenyl phenyl ether	ND	10.0	Hexachlorocyclopentadiene	ND	10.0
Butyl benzyl phthalate	ND	10.0	Hexachloroethane	ND	10.0
p-Chloroaniline	ND	20.0	Hexachloropropene	ND	10.0
Chlorobenzilate	ND	10.0	Indeno(1,2,3-cd)pyrene	ND	10.0
4-Chloro-3-methylphenol	ND	20.0	Isodrin	ND	20.0
2-Chloronaphthalene	ND	10.0	Isophorone	ND	10.0
2-Chlorophenol	ND	10.0	Isosafrole	ND	10.0
4-Chlorophenyl phenyl ether	ND	10.0	Kepone	ND	20.0
Chrysene	ND	10.0	Methapyrilene	ND	100
o-Cresol(2-Methylphenol)	ND	10.0	3-Methylcholanthrene	ND	10.0
m-Cresol(3-Methylphenol)	ND	10.0	Methyl methanesulfonate	ND	10.0
p-Cresol(4-Methylphenol)	ND	10.0	2-Methylnaphthalene	ND	10.0
Diallate (total)	ND	10.0	Methyl parathion	ND	10.0
Dibenz(a,h)anthracene	ND	10.0	Naphthalene	ND	10.0
Dibenzofuran	ND	10.0	1,4-Naphthoquinone	ND	10.0
Di-n-butyl phthalate	ND	10.0	1-Naphthylamine	ND	10.0
1,2-Dichlorobenzene	ND	10.0	2-Naphthylamine	ND	10.0
1,3-Dichlorobenzene	ND	10.0	2-Nitroaniline	ND	50.0
1,4-Dichlorobenzene	ND	10.0	3-Nitroaniline	ND	20.0
3,3'-Dichlorobenzidine	ND	20.0	4-Nitroaniline	ND	40.0
2,4-Dichlorophenol	ND	10.0	Nitrobenzene	ND	10.0
2,6-Dichlorophenol	ND	10.0	2-Nitrophenol	ND	10.0
Diethyl phthalate	ND	10.0	4-Nitrophenol	ND	50.0
0,0-Diethyl 0-2-pyrazinyl			n-Nitrosodi-n-butylamine	ND	10.0
phosphoroethoate	ND	10.0	n-Nitrosodiethylamine	ND	20.0
Dimethoate	ND	10.0	n-Nitrosodimethylamine	ND	10.0
p-(Dimethylamino)azobenzene	ND	10.0	n-Nitrosodiphenylamine	ND	10.0
7,12-Dimethylbenz(a)anthracene	ND	10.0			

CONTINUED ON FOLLOWING PAGE

Received: 02/21/97

Results by Sample

Continued From Above

SAMPLE ID 7140238-SW1FRACTION 04ATEST CODE 8270A2NAME A/BW EXTRACTABLES SOILDate & Time Collected 02/19/97 11:30:00Category LIQUID**EPA METHOD 8270A**

ANALYTE	RESULT	LIMIT	ANALYTE	RESULT	LIMIT
n-Nitroso-n-dipropylamine	ND	10.0	1,2,4-Trichlorobenzene	ND	10.0
n-Nitrosomethylethylamine	ND	10.0	2,4,5-Trichlorophenol	ND	10.0
n-Nitrosopiperidine	ND	10.0	2,4,6-Trichlorophenol	ND	10.0
n-Nitrosopyrrolidine	ND	10.0	Triethyl phosphorothioate	ND	10.0
5-Nitro-o-toluidine	ND	10.0	1,3,5-Trinitrobenzene	ND	10.0
Parathion (Parathion ethyl)	ND	10.0	Hexachlorobenzene	ND	10.0
Pentachlorobenzene	ND	10.0	Dimethoate	ND	10.0
Pentachloronitrobenzene	ND	10.0	Disulfoton	ND	10.0
Pentachlorophenol	ND	10.0	Parathion	ND	10.0
Phenacetin	ND	10.0	Methyl parathion	ND	10.0
Phenanthrene	ND	10.0	Phorate	ND	10.0
Phenol	ND	10.0			
p-Phenylenediamine	ND	10.0			
Phorate	ND	10.0			
Pronamide	ND	10.0			
Pyrene	ND	10.0			
Safrole	ND	10.0			
1,2,4,5-Tetrachlorobenzene	ND	10.0			
2,3,4,6-Tetrachlorophenol	ND	10.0			
o-Toluidine	ND	10.0			

Surrogates	% Recovery	Surrogate Limits
2-Fluorophenol	51	21 - 100
Phenol-d6	39	10 - 94
Nitrobenzene-d5	71	35 - 114
2-Fluorobiphenyl	71	43 - 116
2,4,6-Tribromophenol	51	10 - 123
Terphenyl-d14	65	33 - 141

Notes and Definitions for this Report:

UNITS: ug/L
 EXTRACTED: 02/26/97
 DATE RUN: 03/18/97
 ANALYST: DS
 INSTRUMENT: F
 DIL. FACTOR: 1

ND = not detected at detection limit

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030

Sampling Date/Time: 02/19/97 @ 1015

Test Site ID #:

Report Period: 1997 / Quarter I
(year/quarter)

Well Name: SM Secondary Tank Leachate

Well Purged (Y/N): YES

Classification of Groundwater:

Well Type: () Background
() Intermediate
() Compliance
() Other

Groundwater Elevation (NGVD):

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	EPA 353.2	02/20/97 1630	<0.11 mg/L	0.15 mg/L
000940	Chloride	"	"	SM 4500C1-B	02/24/97 1130	18,385 mg/L	0.15 mg/L
000400	pH-Field	"	"	EPA 150.1	02/19/97 1015	6.15 Std. Units	0.01 Std. Units
070300	Total Dis. Solids	"	"	SM 2540C	02/21/97 1600	45,200 mg/L	1 mg/L
000344	Dissolved Oxygen	"	"	SM 4500 O G	02/19/97 1015	2.7 mg/L	0.01 mg/L
000410	Bicarbonate	"	"	EPA 310.1	02/25/97 1010	227 mg/L	1 mg/L
000095	Specific Cond. (Field)	"	"	SM 2510B	02/19/97 1015	42,099 µmhos/cm	0.00 µmhos/cm
000010	Temperature (Field)	"	"	SM 2550B	02/19/97 1015	22.0 °C	0 °C
000610	Ammonia	"	"	EPA 350.1	02/20/97 1600	16.8 mg/L	0.15 mg/L
001045	Iron	"	"	EPA 236.2	02/21/97 1010	2.03 mg/L	0.001 mg/L
000929	Sodium	"	"	EPA 273.1	02/21/97 1120	3,960 mg/L	0.01 mg/L
071900	Mercury	"	"	EPA 245.1	02/24/97 1055	<0.0002 mg/L	0.0005 mg/L

*Attach Laboratory Reports

7140235/SW-1 SECONDARY
PART III - ANALYTICAL RESULTS

Facility GMS #: _____

Sampling Date/Time: 02/19/97 AT 10:15

Test Site ID #: _____

Report Period: _____
(Year/Quarter)

WELL NAME: SW-1 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	
00400	pH (field)					Std. Units	Std. Units
	Water Level Elev.					Ft. NGVD	Ft. NGVD
00094	Specific Cond. (field)					µmhos/cm	µmhos/cm
01095	Antimony			EPA 200.7	02/28/97	ND	0.150
01000	Arsenic			EPA 200.7	02/28/97	ND	0.100
01005	Barium			EPA 200.7	02/28/97	1.31	0.010
01010	Beryllium			EPA 200.7	02/28/97	ND	0.004
01025	Cadmium			EPA 200.7	02/28/97	ND	0.010
01030	Chromium			EPA 200.7	02/28/97	ND	0.010
01035	Cobalt			EPA 200.7	02/28/97	ND	0.010
01040	Copper			EPA 200.7	02/28/97	ND	0.010
01049	Lead			EPA 200.7	02/28/97	ND	0.050
01065	Nickel			EPA 200.7	02/28/97	ND	0.020
01145	Selenium			EPA 200.7	02/28/97	ND	0.250
01075	Silver			EPA 200.7	02/28/97	ND	0.007
01057	Thallium			EPA 200.7	02/28/97	ND	0.300
01085	Vanadium			EPA 200.7	02/28/97	ND	0.010
71890	Mercury			EPA 245.1	03/03/97	ND	0.0005
01100	Tin			EPA 200.7	02/28/97	ND	0.005
01090	Zinc			EPA 200.7	02/28/97	0.029	0.020
00723	Cyanide			EPA 335.2	02/27/97	ND	0.010

Attach Laboratory Reports

PART III - ANALYTICAL RESULTS (Continued)

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	03/04/97	ND	50.0
34215	Acrylonitrile			EPA 8260A	03/04/97	ND	10.0
34235	Benzene			EPA 8260A	03/04/97	ND	5.00
N/A	Bromochloromethane			EPA 8260A	03/04/97	ND	5.00
32101	Bromodichloromethane			EPA 8260A	03/04/97	ND	5.00
32104	Bromoform			EPA 8260A	03/04/97	ND	5.00
77041	Carbon disulfide			EPA 8260A	03/04/97	ND	5.00
32102	Carbon tetrachloride			EPA 8260A	03/04/97	ND	10.0
34301	Chlorobenzene			EPA 8260A	03/04/97	ND	5.00
34311	Chloroethane			EPA 8260A	03/04/97	ND	10.0
32106	Chloroform			EPA 8260A	03/04/97	ND	5.00
32105	Dibromochloromethane			EPA 8260A	03/04/97	ND	5.00
38761	1,2-Dibromo-3-chloropropane			EPA 504	02/25/97	ND	0.020
77651	1,2-Dibromoethane			EPA 504	02/25/97	ND	0.020
34537	o-Dichlorobenzene			EPA 8260A	03/04/97	ND	5.00
34571	p-Dichlorobenzene			EPA 8260A	03/04/97	ND	5.00
49263	trans-1,4-Dichloro-2-butene			EPA 8260A	03/04/97	ND	50.0
34496	1,1-Dichloroethane			EPA 8260A	03/04/97	ND	5.00
32103	1,2-Dichloroethane			EPA 8260A	03/04/97	ND	5.00
34502	1,1-Dichloroethene			EPA 8260A	03/04/97	ND	5.00
81686	cis-1,2-Dichloroethene			EPA 8260A	03/04/97	ND	5.00
34546	trans-1,2-Dichloroethene			EPA 8260A	03/04/97	ND	5.00
34541	1,2-Dichloropropane			EPA 8260A	03/04/97	ND	5.00
34704	cis-1,3-Dichloropropene			EPA 8260A	03/04/97	ND	5.00
34699	trans-1,3-Dichloropropene			EPA 8260A	03/04/97	ND	5.00
78113	Ethylbenzene			EPA 8260A	03/04/97	ND	5.00
77103	2-Hexanone			EPA 8260A	03/04/97	ND	10.0
34413	Methyl bromide			EPA 8260A	03/04/97	ND	5.00

* Attach Laboratory Reports

PART III - ANALYTICAL RESULTS (Continued)

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	03/04/97	ND	5.00
77596	Methylene bromide			EPA 8260A	03/04/97	ND	10.0
34423	Methylene chloride			EPA 8260A	03/04/97	ND	10.0
81595	Methyl ethyl ketone			EPA 8260A	03/04/97	ND	10.0
49262	Methyl iodide			EPA 8260A	03/04/97	ND	10.0
78133	4-Methyl-2-pentanone			EPA 8260A	03/04/97	ND	10.0
77128	Styrene			EPA 8260A	03/04/97	ND	5.00
77562	1,1,1,2-Tetrachloroethane			EPA 8260A	03/04/97	ND	5.00
34516	1,1,2,2-Tetrachloroethane			EPA 8260A	03/04/97	ND	5.00
34476	Tetrachloroethene			EPA 8260A	03/04/97	ND	5.00
78131	Toluene			EPA 8260A	03/04/97	ND	5.00
34506	1,1,1-Trichloroethane			EPA 8260A	03/04/97	ND	5.00
34511	1,1,2-Trichloroethane			EPA 8260A	03/04/97	ND	5.00
34485	Trichloroethene			EPA 8260A	03/04/97	ND	5.00
34488	Trichlorofluoromethane			EPA 8260A	03/04/97	ND	5.00
77443	1,2,3-Trichloropropane			EPA 8260A	03/04/97	ND	5.00
77057	Vinyl acetate			EPA 8260A	03/04/97	ND	5.00
39175	Vinyl chloride			EPA 8260A	03/04/97	ND	5.00
81551	Xylenes			EPA 8260A	03/04/97	ND	5.00

* Attach Laboratory Reports

PART III - ANALYTICAL RESULTS (Continued)

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	03/18/97	ND	10.0
34200	Acenaphthylene			EPA 8270A	03/18/97	ND	10.0
N/A	Acetonitrile			EPA 8260A	03/04/97	ND	5.00
81553	Acetophenone			EPA 8270A	03/18/97	ND	10.0
N/A	2-Acetylaminofluorene			EPA 8270A	03/18/97	ND	20.0
34210	Acrolein			EPA 8260A	03/04/97	ND	100
39330	Aldrin			EPA 8080	02/26/97	ND	0.040
78109	Allyl chloride			EPA 8260A	03/04/97	ND	10.0
N/A	4-Aminobiphenyl			EPA 8270A	03/18/97	ND	20.0
34220	Anthracene			EPA 8270A	03/18/97	ND	10.0
34527	Benzo(a)anthracene			EPA 8270A	03/18/97	ND	10.0
34230	Benzo(b)fluoranthene			EPA 8270A	03/18/97	ND	10.0
34242	Benzo(k)fluoranthene			EPA 8270A	03/18/97	ND	10.0
34522	Benzo(ghi)perylene			EPA 8270A	03/18/97	ND	10.0
34247	Benzo(a)pyrene			EPA 8270A	03/18/97	ND	10.0
77147	Benzyl alcohol			EPA 8270A	03/18/97	ND	20.0
39337	alpha-BHC			EPA 8080	02/26/97	ND	0.040
39338	beta-BHC			EPA 8080	02/26/97	ND	0.040
34259	delta-BHC			EPA 8080	02/26/97	ND	0.040
39340	gamma-BHC			EPA 8080	02/26/97	ND	0.040
34278	Bis(2-chloroethoxy)methane			EPA 8270A	03/18/97	ND	10.0
34273	Bis(2-chloroethyl)ether			EPA 8270A	03/18/97	ND	10.0
34284	Bis(2-chloroisopropyl)ether			EPA 8270A	03/18/97	ND	10.0
39100	Bis(2-ethylhexyl)phthalate			EPA 8270A	03/18/97	ND	10.0
34636	4-Bromophenyl phenyl ether			EPA 8270A	03/18/97	ND	10.0
51003	Butyl benzyl phthalate			EPA 8270A	03/18/97	ND	10.0
39350	Chlordane			EPA 8080	02/26/97	ND	2.00
60037	p-Chloroaniline			EPA 8270A	03/18/97	ND	20.0
39460	Chlorobenzilate			EPA 8270A	03/18/97	ND	10.0

* Attach Laboratory Reports

7140235/SW-1 SECONDARY
PART III - ANALYTICAL RESULTS (Continued)

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	03/18/97	ND	20.0
34581	2-Chloronaphthalene			EPA 8270A	03/18/97	ND	10.0
34586	2-Chlorophenol			EPA 8270A	03/18/97	ND	10.0
34641	4-Chlorophenyl phenyl ether			EPA 8270A	03/18/97	ND	10.0
34320	Chrysene			EPA 8270A	03/18/97	ND	10.0
N/A	3-Methylphenol			EPA 8270A	03/18/97	ND	10.0
77152	2-Methylphenol			EPA 8270A	03/18/97	ND	10.0
N/A	4-Methylphenol			EPA 8270A	03/18/97	ND	10.0
39730	2,4-D			EPA 8150	02/27/97	ND	2.00
39361	4,4'-DDD			EPA 8080	02/26/97	ND	0.040
39366	4,4'-DDE			EPA 8080	02/26/97	ND	0.040
39371	4,4'-DDT			EPA 8080	02/26/97	ND	0.040
N/A	Diallate			EPA 8270A	03/18/97	ND	10.0
51004	Dibenzo(a,h)anthracene			EPA 8270A	03/18/97	ND	10.0
81302	Dibenzofuran			EPA 8270A	03/18/97	ND	10.0
39110	Di-n-butyl phthalate			EPA 8270A	03/18/97	ND	10.0
34631	3,3'-Dichlorobenzidine			EPA 8270A	03/18/97	ND	20.0
34601	2,4-Dichlorophenol			EPA 8270A	03/18/97	ND	10.0
77541	2,6-Dichlorophenol			EPA 8270A	03/18/97	ND	10.0
39380	Dieldrin			EPA 8080	02/26/97	ND	0.040
34336	Diethyl phthalate			EPA 8270A	03/18/97	ND	10.0
N/A	0,0-Diethyl 0,2-pyrazinyl phosphorothioate			EPA 8270A	03/18/97	ND	10.0
46314	Dimethoate			EPA 8270A	03/18/97	ND	10.0
N/A	p-(Dimethylamino)azobenzene			EPA 8270A	03/18/97	ND	10.0
N/A	7,12-Dimethylbenz(a)anthracene			EPA 8270A	03/18/97	ND	10.0
N/A	3,3'-Dimethylbenzidine			EPA 8270A	03/18/97	ND	20.0
34606	2,4-Dimethylphenol			EPA 8270A	03/18/97	ND	10.0
34341	Dimethyl phthalate			EPA 8270A	03/18/97	ND	10.0
N/A	m-Dinitrobenzene			EPA 8270A	03/18/97	ND	10.0

* Attach Laboratory Reports

7140235/SW-1 SECONDARY
PART III - ANALYTICAL RESULTS (Continued)

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	03/18/97	ND	50.0
34616	2,4-Dinitrophenol			EPA 8270A	03/18/97	ND	50.0
34611	2,4-Dinitrotoluene			EPA 8270A	03/18/97	ND	10.0
34626	2,6-Dinitrotoluene			EPA 8270A	03/18/97	ND	10.0
38779	Dinoseb			EPA 8150	02/27/97	ND	2.00
34597	Di-n-octyl phthalate			EPA 8270A	03/18/97	ND	10.0
77579	Diphenylamine			EPA 8270A	03/18/97	ND	10.0
81888	Disulfoton			EPA 8270A	03/18/97	ND	10.0
34361	Endosulfan I			EPA 8080	02/26/97	ND	0.040
34356	Endosulfan II			EPA 8080	02/26/97	ND	0.040
34351	Endosulfan sulfate			EPA 8080	02/26/97	ND	0.040
39390	Endrin			EPA 8080	02/26/97	ND	0.040
34366	Endrin aldehyde			EPA 8080	02/26/97	ND	0.040
N/A	Ethyl methanesulfonate			EPA 8270A	03/18/97	ND	20.0
38462	Famphur			EPA 8270A	03/18/97	ND	20.0
34376	Fluoranthene			EPA 8270A	03/18/97	ND	10.0
34381	Fluorene			EPA 8270A	03/18/97	ND	10.0
39410	Heptachlor			EPA 8080	02/26/97	ND	0.040
39420	Heptachlor epoxide			EPA 8080	02/26/97	ND	0.040
39700	Hexachlorobenzene			EPA 8270A	03/18/97	ND	10.0
34391	Hexachlorobutadiene			EPA 8270A	03/18/97	ND	10.0
34386	Hexachlorocyclopentadiene			EPA 8270A	03/18/97	ND	10.0
34396	Hexachloroethane			EPA 8270A	03/18/97	ND	10.0
N/A	Hexachloropropene			EPA 8270A	03/18/97	ND	10.0
77033	Isobutyl alcohol			EPA 8260A	03/04/97	ND	5.00
39430	Isodrin			EPA 8270A	03/18/97	ND	20.0
34408	Isophorone			EPA 8270A	03/18/97	ND	10.0
N/A	Isosafrole			EPA 8270A	03/18/97	ND	10.0
81593	Methacrylonitrile			EPA 8260A	03/04/97	ND	20.0

* Attach Laboratory Reports

7140235/SW-1 SECONDARY
PART III - ANALYTICAL RESULTS (Continued)

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	Methaprylene			EPA 8270A	03/18/97	ND	100
39480	Methoxychlor			EPA 8080	02/26/97	ND	0.040
N/A	3-Methylcholanthrene			EPA 8270A	03/18/97	ND	10.0
81597	Methyl methacrylate			EPA 8260A	03/04/97	ND	10.0
N/A	Methyl methanesulfonate			EPA 8270A	03/18/97	ND	10.0
77416	2-Methylnaphthalene			EPA 8270A	03/18/97	ND	10.0
39600	Methyl parathion			EPA 8270A	03/18/97	ND	10.0
34696	Naphthalene			EPA 8270A	03/18/97	ND	10.0
N/A	1,4-Naphthoquinone			EPA 8270A	03/18/97	ND	10.0
N/A	1-Naphthylamine			EPA 8270A	03/18/97	ND	10.0
N/A	2-Naphthylamine			EPA 8270A	03/18/97	ND	10.0
N/A	2-Nitroaniline			EPA 8270A	03/18/97	ND	50.0
78300	3-Nitroaniline			EPA 8270A	03/18/97	ND	20.0
30342	4-Nitroaniline			EPA 8270A	03/18/97	ND	40.0
34447	Nitrobenzene			EPA 8270A	03/18/97	ND	10.0
34591	2-Nitrophenol			EPA 8270A	03/18/97	ND	10.0
34646	4-Nitrophenol			EPA 8270A	03/18/97	ND	50.0
N/A	n-Nitrosodi-n-butylamine			EPA 8270A	03/18/97	ND	10.0
78200	n-Nitrosodiethylamine			EPA 8270A	03/18/97	ND	20.0
34438	n-Nitrosodimethylamine			EPA 8270A	03/18/97	ND	10.0
34433	n-Nitrosodiphenylamine			EPA 8270A	03/18/97	ND	10.0
34429	n-Nitroso-n-dipropylamine			EPA 8270A	03/18/97	ND	10.0
N/A	n-Nitrosomethylethylamine			EPA 8270A	03/18/97	ND	10.0
N/A	n-Nitrosopiperidine			EPA 8270A	03/18/97	ND	10.0
78206	n-Nitrosopyrrolidine			EPA 8270A	03/18/97	ND	10.0
N/A	5-Nitro-o-toluidine			EPA 8270A	03/18/97	ND	10.0
39540	Parathion			EPA 8270A	03/18/97	ND	10.0
77793	Pentachlorobenzene			EPA 8270A	03/18/97	ND	10.0
81316	Pentachloronitrobenzene			EPA 8270A	03/18/97	ND	10.0

* Attach Laboratory Reports

PART III - ANALYTICAL RESULTS (Continued)

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	03/18/97	ND	10.0
N/A	Phenacetin			EPA 8270A	03/18/97	ND	10.0
34461	Phenanthrene			EPA 8270A	03/18/97	ND	10.0
32730	Phenol			EPA 8270A	03/18/97	ND	10.0
N/A	p-Phenylenediamine			EPA 8270A	03/18/97	ND	10.0
46313	Phorate			EPA 8270A	03/18/97	ND	10.0
39516	PCBs			EPA 8080	02/26/97	ND	1.00
39080	Pronamide			EPA 8270A	03/18/97	ND	10.0
77007	Propionitrile			EPA 8260A	03/04/97	ND	10.0
34469	Pyrene			EPA 8270A	03/18/97	ND	10.0
77545	Safrole			EPA 8270A	03/18/97	ND	10.0
39760	Silvex			EPA 8150	02/27/97	ND	2.00
81520	Chloroprene			EPA 8260A	03/04/97	ND	50.0
00746	Sulfide			EPA 376.2	02/25/97	ND	100.
39740	2,4,5-T			EPA 8150	02/27/97	ND	2.00
77734	1,2,4,5-Tetrachlorobenzene			EPA 8270A	03/18/97	ND	10.0
N/A	2,3,4,6-Tetrachlorophenol			EPA 8270A	03/18/97	ND	10.0
77142	o-Toluidine			EPA 8270A	03/18/97	ND	10.0
39401	Toxaphene			EPA 8080	02/26/97	ND	1.00
34551	1,2,4-Trichlorobenzene			EPA 8270A	03/18/97	ND	10.0
77687	2,4,5-Trichlorophenol			EPA 8270A	03/18/97	ND	10.0
34621	2,4,6-Trichlorophenol			EPA 8270A	03/18/97	ND	10.0
N/A	Triethyl phosphorothioate			EPA 8270A	03/18/97	ND	10.0
N/A	1,3,5-Trinitrobenzene			EPA 8270A	03/18/97	ND	10.0
77173	1,3-Dichloropropane			EPA 8260A	03/04/97	ND	5.00
77170	2,2-Dichloropropane			EPA 8260A	03/04/97	ND	5.00
77168	1,1-Dichloropropene			EPA 8260A	03/04/97	ND	5.00
34566	1,3-Dichlorobenzene			EPA 8260A	03/04/97	ND	5.00

* Attach Laboratory Reports

* Attach Laboratory Reports



BROWARD TESTING LABORATORY, LTD.

4416 N.E. 11TH AVE., FORT LAUDERDALE, FLORIDA 33334



Date: 02/26/97 Report #: 7140235 Laboratory ID #: 86418

Client: PASCO COUNTY UTILITIES

ATTN: CANDY MULHERN

8864 GOVERNMENT DR.

NEW PORT RICHEY, FL 34654-

Date Collected: 02/19/97

Time Collected: 10:15

SOURCE: P.C.E.L.

RESOURCE RECOVERY CLASS 1
SW-1 SECONDARY

Date received at lab: 02/20/97

Collected by : C.CHILDRESS

Time received at lab: 12:00

ENVIRONMENTAL LABORATORY CERTIFICATION NUMBER E86035 LABORATORY PARAMETER ANALYSIS REPORT

Analysis Performed	Method	Analysis Result	Anal Date
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APPENDIX I & II WERE SUBCONTRACTED TO TOXIKON LABS, SEE ATTACHED.

Gary Meyer, Lab Director

Received: 02/21/97

06/03/97 15:18:05

REPORT NATIONAL TESTING LABORATORY
TO 6555 WILSON MILLS ROAD
CLEVELAND, OHIO 44143
1(800)458-3330 F(216)449-8585
ATTN SUSAN HENDERSON

PREPARED TOXIKON WEST PALM BEACH
BY 1860 OLD OKEECHOBEE RD. #401
WEST PALM BEACH, FL 33409
HRS #E86278,86396 QA# 910150G
ATTN JOHN YAREMCHUK
PHONE (407) 478-4803 FAX 478-0214

CERTIFIED BY

CONTACT JOHN

CLIENT NTL SAMPLES 7
COMPANY NATIONAL TESTING LABORATORY
FACILITY 6555 WILSON MILLS ROAD
CLEVELAND, OHIO 44143

WORK ID 7140235-0238 PASCO COUNTYTAKEN 02/19/97TRANS COURIERTYPE LIQUID

P.O. #

INV. # 5658

Duplicate of report of 05/30/97.

Previously Reported on 05/02/97.

SAMPLE IDENTIFICATION

01 7140235-SW2
02 7140236-A1
03 7140237-A2
04 7140238-SW1
05 METHOD BLANK
06 MEAN % RECOVERY
07 RPD

TEST CODES and NAMES used on this workorder

221CP ICAP METALS SCAN
504 EDB AND DBCP BY GC
8080 PESTICIDES/PCB
8150W CHLORINATED HERB. - WATER
8260A2 PURGEABLE ORGANICS VOA
8270A2 A/BN EXTRACTABLES SOIL
CN TOT CYANIDE TOTAL
HG MERCURY
MEX TW METALS, TOTAL EXT., WATER
S FID SULFIDE

Received: 02/21/97

Results by Sample

SAMPLE ID <u>7140235-SW2</u>		SAMPLE # <u>01</u> FRACTIONS: <u>A</u>	
Date & Time Collected <u>02/19/97 10:15:00</u> Category <u>LIQUID</u>			
CN_TOT	ND	HG	ND
mg/L DL=0.010		mg/L DL=0.0005	
<u>2/27/97</u>	<u>3/3/97</u>	<u>2/25/97</u>	<u>Analysis date 2-28-97</u>

RAS

Received: 02/21/97

Results by Sample

SAMPLE ID 7140235-SW2FRACTION 01A TEST CODE 22ICP NAME ICAP METALS SCANDate & Time Collected 02/19/97 10:15:00 Category LIQUID

	RESULT	LIMIT
SILVER	<u>ND</u>	<u>0.007</u>
CADMIUM	<u>ND</u>	<u>0.010</u>
CHROMIUM	<u>ND</u>	<u>0.010</u>
COPPER	<u>ND</u>	<u>0.010</u>
NICKEL	<u>ND</u>	<u>0.020</u>
LEAD	<u>ND</u>	<u>0.050</u>
ZINC	<u>0.029</u>	<u>0.020</u>
ARSENIC	<u>ND</u>	<u>0.100</u>
SELENIUM	<u>ND</u>	<u>0.250</u>
BERYLLIUM	<u>ND</u>	<u>0.004</u>
ANTIMONY	<u>ND</u>	<u>0.150</u>
THALLIUM	<u>ND</u>	<u>0.300</u>
BARIUM	<u>1.31</u>	<u>0.010</u>
COBALT	<u>ND</u>	<u>0.010</u>
VANADIUM	<u>ND</u>	<u>0.010</u>
TIN	<u>ND</u>	<u>0.005</u>

Notes and Definitions for this Report:

EXTRACTED 02/27/97
DATE RUN 02/28/97
ANALYST VR
INSTRUMENT ICP
CONC FACTOR 1
UNITS mg/L

Received: 02/21/97

Results by Sample

SAMPLE ID 7140235-SW2FRACTION 01A TEST CODE 504 NAME EDB AND DBCP BY GCDate & Time Collected 02/19/97 10:15:00 Category LIQUIDEPA METHOD 504

PARAMETER	RESULT	DETECT LIMIT	CAS NUMBER
ETHYLENE DIBROMIDE (EDB)	ND	0.020	106-93-4
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	ND	0.020	96-12-8

NOTES AND DEFINITIONS FOR THIS REPORT

DATE RUN..... 02/25/97

INSTRUMENT..... HP-2

UNITS..... ug/L

ND = NOT DETECTED AT DETECTION LIMITS

Received: 02/21/97

Results by Sample

SAMPLE ID 7140235-SW2FRACTION 01ATEST CODE 8080NAME PESTICIDES/PCBDate & Time Collected 02/19/97 10:15:00Category LIQUID**EPA 8080 - ORGANOCHLORINE PESTICIDES & PCB's**

	DETEC.			DETEC.	
	RESULT	LIMIT		RESULT	LIMIT
Alpha-BHC	ND	0.040	Aroclor 1016	ND	1.00
Gamma-BHC (Lindane)	ND	0.040	Aroclor 1221	ND	1.00
Beta-BHC	ND	0.040	Aroclor 1232	ND	1.00
Heptachlor	ND	0.040	Aroclor 1242	ND	1.00
Delta-BHC	ND	0.040	Aroclor 1248	ND	1.00
Aldrin	ND	0.040	Aroclor 1254	ND	1.00
Heptachlor Epoxide	ND	0.040	Aroclor 1260	ND	1.00
Endosulfan I	ND	0.040			
4,4'-DDE	ND	0.040			
Dieldrin	ND	0.040			
Endrin	ND	0.040			
4,4'-DDD	ND	0.040			
Endosulfan II	ND	0.040			
4,4'-DDT	ND	0.040			
Endrin Aldehyde	ND	0.040			
Endosulfan Sulfate	ND	0.040			
Chlordane	ND	2.00			
Toxaphene	ND	1.00			
Methoxychlor	ND	0.040			

Notes and Definitions for this Report:

EXTRACTED: 02/24/97
DATE RUN: 02/26/97
ANALYST: JRY
INSTRUMENT: HP-2
DIL. FACTOR: 4
UNITS: ug/l

ND = not detected at detection limit

Received: 02/21/97

Results by Sample

SAMPLE ID 7140235-SW2FRACTION 01ATEST CODE 8150WNAME CHLORINATED HERB. - WATERDate & Time Collected 02/19/97 10:15:00Category LIQUID**EPA 8150 - CHLORINATED PESTICIDES**

	RESULT	LIMIT
2,4-DB	<u>ND</u>	<u>2.00</u>
2,4-D	<u>ND</u>	<u>2.00</u>
2,4,5-T	<u>ND</u>	<u>2.00</u>
Silvex (2,4,5-TP)	<u>ND</u>	<u>2.00</u>
Dinoseb (DNBP)	<u>ND</u>	<u>2.00</u>
Dalapon	<u>ND</u>	<u>2.00</u>
Dicamba	<u>ND</u>	<u>2.00</u>
Dichlorprop	<u>ND</u>	<u>2.00</u>
MCPA	<u>ND</u>	<u>20000</u>
MCPP	<u>ND</u>	<u>20000</u>

Notes and Definitions for this Report:

EXTRACTED: 02/24/97
DATE RUN: 02/27/97
ANALYST: JRY
INSTRUMENT: HP-2
DIL. FACTOR: 4

ND = not detected at detection limit

Received: 02/21/97

Results by Sample

SAMPLE ID 7140235-SW2FRACTION 01ATEST CODE 8260A2NAME PURGEABLE ORGANICS VOADate & Time Collected 02/19/97 10:15:00Category LIQUID**EPA 8260A PURGEABLE ORGANICS**

	RESULT	LIMIT		RESULT	LIMIT
Acetone	ND	50.0			
Acetonitrile	ND	5.00	Ethylbenzene	ND	5.00
Acrolein	ND	100	Ethyl methacrylate	ND	10.0
Acrylonitrile	ND	10.0	2-Hexanone	ND	10.0
Allyl chloride	ND	10.0	Isobutyl alcohol	ND	5.00
Benzene	ND	5.00	Methacrylonitrile	ND	20.0
Bromochloromethane	ND	5.00	Methyl bromide	ND	5.00
Bromodichloromethane	ND	5.00	Methyl chloride	ND	5.00
Bromoform	ND	5.00	Methylene bromide	ND	10.0
Carbon disulfide	ND	5.00	Methylene chloride	ND	10.0
Carbon tetrachloride	ND	10.0	Methyl ethyl ketone	ND	10.0
Chlorobenzene	ND	5.00	Methyl iodide	ND	10.0
Chloroethane	ND	10.0	Methyl methacrylate	ND	10.0
Chloroform	ND	5.00	4-Methyl-2-pentanone	ND	10.0
Chloroprene	ND	50.0	Propionitrile	ND	10.0
Dibromochloromethane	ND	5.00	Styrene	ND	5.00
1,2-Dichlorobenzene	ND	5.00	1,1,1,2-Tetrachloroethane	ND	5.00
1,3-Dichlorobenzene	ND	5.00	1,1,2,2-Tetrachloroethane	ND	5.00
1,4-Dichlorobenzene	ND	5.00	Tetrachloroethene	ND	5.00
trans-1,4-Dichloro-2-butene	ND	50.0	Toluene	ND	5.00
Dichlorodifluoromethane	ND	5.00	1,1,1-Trichloroethane	ND	5.00
1,1-Dichloroethane	ND	5.00	1,1,2-Trichloroethane	ND	5.00
1,2-Dichloroethane	ND	5.00	Trichloroethene	ND	5.00
1,1-Dichloroethene	ND	5.00	Trichlorofluoromethane	ND	5.00
cis-1,2-Dichloroethene	ND	5.00	1,2,3-Trichloropropane	ND	5.00
trans-1,2-Dichloroethene	ND	5.00	Vinyl acetate	ND	5.00
1,2-Dichloropropane	ND	5.00	Vinyl chloride	ND	5.00
1,3-Dichloropropane	ND	5.00	Total xylenes	ND	5.00
2,2-Dichloropropane	ND	5.00	1,2-Dibromo3-chloropropane	ND	5.00
1,1-Dichloropropene	ND	5.00	1,2-Dibromomethane	ND	5.00
cis-1,3-Dichloropropene	ND	5.00			
trans-1,3-Dichloropropene	ND	5.00			

Surrogates	% Recovery	Surrogate Limits
Dibromofluoromethane	116	75 - 135
Toluene-d8	99	64 - 142
Bromofluorobenzene	102	79 - 112

Notes and Definitions for this Report:

DATE RUN: 03/04/97ANALYST: BEDINSTRUMENT: VOA-5972DIL. FACTOR: 1

COMMENTS: _____

UNITS: ug/L

ND = not detected at detection limit

Received: 02/21/97

Results by Sample

SAMPLE ID 7140235-SW2FRACTION 01ATEST CODE 8270A2NAME A/BN EXTRACTABLES SOILDate & Time Collected 02/19/97 10:15:00Category LIQUID**EPA METHOD 8270A**

ANALYTE	RESULT	LIMIT	ANALYTE	RESULT	LIMIT
Acenaphthene	ND	10.0	3,3'-Dimethylbenzidine	ND	20.0
Acenaphthylene	ND	10.0	2,4-Dimethylphenol	ND	10.0
Acetophenone	ND	10.0	Dimethyl phthalate	ND	10.0
2-Acetyaminofluorene	ND	20.0	1,3-Dinitrobenzene	ND	10.0
4-Aminobiphenyl	ND	20.0	4,6-Dinitro-2-methylphenol	ND	50.0
Anthracene	ND	10.0	2,4-Dinitrophenol	ND	50.0
Benz(a)anthracene	ND	10.0	2,4-Dinitrotoluene	ND	10.0
Benzo(b)fluoranthene	ND	10.0	2,6-Dinitrotoluene	ND	10.0
Benzo(k)fluoranthene	ND	10.0	Di-n-octyl phthalate	ND	10.0
Benzo(g,h,i)perylene	ND	10.0	Diphenylamine	ND	10.0
Benzo(a)pyrene	ND	10.0	Disulfoton	ND	10.0
Benzyl alcohol	ND	20.0	Ethyl methanesulfonate	ND	20.0
Bis(2-chloroethoxy)methane	ND	10.0	Famphur (Famophos)	ND	20.0
Bis(2-chloroethyl)ether	ND	10.0	Fluoranthene	ND	10.0
Bis(2-chloromethylethyl)ether	ND	10.0	Fluorene	ND	10.0
Bis(2-ethylhexyl)phthalate	ND	10.0	Hexachlorobutadiene	ND	10.0
4-Bromophenyl phenyl ether	ND	10.0	Hexachlorocyclopentadiene	ND	10.0
Butyl benzyl phthalate	ND	10.0	Hexachloroethane	ND	10.0
p-Chloroaniline	ND	20.0	Hexachloropropene	ND	10.0
Chlorobenzilate	ND	10.0	Indeno(1,2,3-cd)pyrene	ND	10.0
4-Chloro-3-methylphenol	ND	20.0	Isodrin	ND	20.0
2-Chloronaphthalene	ND	10.0	Isophorone	ND	10.0
2-Chlorophenol	ND	10.0	Isosafrole	ND	10.0
4-Chlorophenyl phenyl ether	ND	10.0	Kepone	ND	20.0
Chrysene	ND	10.0	Methapyrilene	ND	100
o-Cresol(2-Methylphenol)	ND	10.0	3-Methylcholanthrene	ND	10.0
m-Cresol(3-Methylphenol)	ND	10.0	Methyl methanesulfonate	ND	10.0
p-Cresol(4-Methylphenol)	ND	10.0	2-Methylnaphthalene	ND	10.0
Diallate (total)	ND	10.0	Methyl parathion	ND	10.0
Dibenz(a,h)anthracene	ND	10.0	Naphthalene	ND	10.0
Dibenzofuran	ND	10.0	1,4-Naphthoquinone	ND	10.0
Di-n-butyl phthalate	ND	10.0	1-Naphthylamine	ND	10.0
1,2-Dichlorobenzene	ND	10.0	2-Naphthylamine	ND	10.0
1,3-Dichlorobenzene	ND	10.0	2-Nitroaniline	ND	50.0
1,4-Dichlorobenzene	ND	10.0	3-Nitroaniline	ND	20.0
3,3'-Dichlorobenzidine	ND	20.0	4-Nitroaniline	ND	40.0
2,4-Dichlorophenol	ND	10.0	Nitrobenzene	ND	10.0
2,6-Dichlorophenol	ND	10.0	2-Nitrophenol	ND	10.0
Diethyl phthalate	ND	10.0	4-Nitrophenol	ND	50.0
0,0-Diethyl 0-2-pyrazinyl			n-Nitrosodi-n-butylamine	ND	10.0
phosphoroethoate	ND	10.0	n-Nitrosodiethylamine	ND	20.0
Dimethoate	ND	10.0	n-Nitrosodimethylamine	ND	10.0
p-(Dimethylamino)azobenzene	ND	10.0	n-Nitrosodiphenylamine	ND	10.0
7,12-Dimethylbenz(a)anthracene	ND	10.0			

CONTINUED ON FOLLOWING PAGE

Received: 02/21/97

Results by Sample

Continued From Above

SAMPLE ID 7140235-SW2FRACTION 01ATEST CODE 8270A2NAME A/BN EXTRACTABLES SOILDate & Time Collected 02/19/97 10:15:00Category LIQUID**EPA METHOD 8270A**

ANALYTE	RESULT	LIMIT	ANALYTE	RESULT	LIMIT
n-Nitroso-n-dipropylamine	ND	10.0	1,2,4-Trichlorobenzene	ND	10.0
n-Nitrosomethylethylamine	ND	10.0	2,4,5-Trichlorophenol	ND	10.0
n-Nitrosopiperidine	ND	10.0	2,4,6-Trichlorophenol	ND	10.0
n-Nitrosopyrrolidine	ND	10.0	Triethyl phosphorothioate	ND	10.0
5-Nitro-o-toluidine	ND	10.0	1,3,5-Trinitrobenzene	ND	10.0
Parathion (Parathion ethyl)	ND	10.0	Hexachlorobenzene	ND	10.0
Pentachlorobenzene	ND	10.0	Dimethoate	ND	10.0
Pentachloronitrobenzene	ND	10.0	Disulfoton	ND	10.0
Pentachlorophenol	ND	10.0	Parathion	ND	10.0
Phenacetin	ND	10.0	Methyl parathion	ND	10.0
Phenanthrene	ND	10.0	Phorate	ND	10.0
Phenol	ND	10.0			
p-Phenylenediamine	ND	10.0			
Phorate	ND	10.0			
Pronamide	ND	10.0			
Pyrene	ND	10.0			
Safrole	ND	10.0			
1,2,4,5-Tetrachlorobenzene	ND	10.0			
2,3,4,6-Tetrachlorophenol	ND	10.0			
o-Toluidine	ND	10.0			

Surrogates	% Recovery	Surrogate Limits
2-Fluorophenol	45	21 - 110
Phenol-d6	36	10 - 110
Nitrobenzene-d5	61	35 - 114
2-Fluorobiphenyl	58	43 - 116
2,4,6-Tribromophenol	58	10 - 123
Terphenyl-d14	72	33 - 141

Notes and Definitions for this Report:

UNITS: ug/LEXTRACTED: 02/26/97DATE RUN: 03/18/97ANALYST: DSINSTRUMENT: FDIL. FACTOR: 1

ND = not detected at detection limit



PASCO COUNTY, FLORIDA

REPORT OF ANALYSES

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

PROJECT NAME: RES REC LEACH
DATE: 02/26/97
DHRS # 44237, E44123

SAMPLE NUMBER- 54576 SAMPLE ID- A-1 PRIMARY TANK
DATE SAMPLED- 02/19/97 LOCATION-
DATE RECEIVED- 02/19/97 SAMPLER- CHRIS CHILDRESS
TIME RECEIVED- 1440 DELIVERED BY- CHRIS CHILDRESS

SAMPLE MATRIX- LE
TIME SAMPLED- 1230
RECEIVED BY- CEM

Page 1 of 1

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT	UNITS	
FIELD PH	EPA 150.1		02/19/97	1230	CHR	6.06	STD. UNITS	
FIELD TEMPERATURE	SM2550B		02/19/97	1230	CHR	24.4	DEGREES C	
FIELD CONDUCTIVITY	SM2510B		02/19/97	1230	CHR	37000	umhos/cm	
DISSOLVED OXYGEN, FIELD	SM4500-O G		02/19/97	1230	CHR	0.9	mg/L	
ALKALINITY, BICARB.	EPA310.1		02/25/97	1010	CMM	109	mg/l	
CHLORIDE	EPA 325.3		02/24/97	1130	CMM	16010	mg/L	
COLOR	EPA 110.2		02/20/97	1400	CMM	~300	CPU	
AMMONIA NITROGEN	SM4500NH3E		02/20/97	1600	TER	14.7	mg/L	
NITRATE	EPA 353.2		02/20/97	1630	IF	<0.11	mg/L	
TOTAL DISS. SOLIDS	EPA160.1		02/21/97	1600	CMM	37000	mg/L	
IRON, TOTAL	SM3113B	02/21/97	TER	02/21/97	1010	TER	8.59	mg/L
MERCURY, TOTAL	245.1		02/24/97	1055	TER	<0.0002	mg/L	
SODIUM, TOTAL	273.1	02/21/97	TER	02/21/97	1120	TER	3070	mg/L

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

REPORT OF ANALYSES

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

PROJECT NAME: RES REC LEACH
DATE: 02/26/97
DHRS # 44237, E44123

SAMPLE NUMBER- 54577 SAMPLE ID- A-1 SECONDARY TANK
DATE SAMPLED- 02/19/97 LOCATION-
DATE RECEIVED- 02/19/97 SAMPLER- CHRIS CHILDRESS
TIME RECEIVED- 1440 DELIVERED BY- CHRIS CHILDRESS

SAMPLE MATRIX- LE
TIME SAMPLED- 1255
RECEIVED BY- CEM

Page 1 of 1

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT UNITS	
FIELD PH	EPA 150.1		02/19/97	1255	CHR	7.60 STD. UNITS	
FIELD TEMPERATURE	SM2550B		02/19/97	1255	CHR	24.5 DEGREES C	
FIELD CONDUCTIVITY	SM2510B		02/19/97	1255	CHR	4571 umhos/cm	
DISSOLVED OXYGEN, FIELD	SM4500-O G		02/19/97	1255	CHR	4.1 mg/L	
ALKALINITY, BICARB.	EPA310.1		02/25/97	1010	CMM	160 mg/l	
CHLORIDE	EPA 325.3		02/24/97	1130	CMM	1553 mg/L	
COLOR	EPA 110.2		02/20/97	1400	CMM	40 CPU	
AMMONIA NITROGEN	SM4500NH3E		02/20/97	1600	TER	<0.07 mg/L	
NITRATE	EPA 353.2		02/20/97	1630	IF	<0.11 mg/L	
TOTAL DISS. SOLIDS	EPA160.1		02/21/97	1600	CMM	3400 mg/L	
IRON, TOTAL	SM3113B	02/21/97	TER	02/21/97	1010	TER	0.06 mg/L
MERCURY, TOTAL	245.1			02/24/97	1055	TER	<0.0002 mg/L
SODIUM, TOTAL	273.1	02/21/97	TER	02/21/97	1120	TER	343 mg/L

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

REPORT OF ANALYSES

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

PROJECT NAME: RES REC LEACH
DATE: 02/26/97
DHRS # 44237, E44123

SAMPLE NUMBER- 54578 SAMPLE ID- SW-1 PRIMARY TANK
DATE SAMPLED- 02/19/97 LOCATION-
DATE RECEIVED- 02/19/97 SAMPLER- CHRIS CHILDRESS
TIME RECEIVED- 1440 DELIVERED BY- CHRIS CHILDRESS

SAMPLE MATRIX- LE
TIME SAMPLED- 1130
RECEIVED BY- CEM

Page 1 of 1

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT UNITS	
FIELD PH	EPA 150.1		02/19/97	1130	CHR	6.16 STD. UNITS	
FIELD TEMPERATURE	SM2550B		02/19/97	1130	CHR	22.5 DEGREES C	
FIELD CONDUCTIVITY	SM2510B		02/19/97	1130	CHR	15512 umhos/cm	
DISSOLVED OXYGEN, FIELD	SM4500-O G		02/19/97	1130	CHR	2.0 mg/L	
ALKALINITY, BICARB.	EPA310.1		02/25/97	1010	CMM	118 mg/l	
CHLORIDE	EPA 325.3		02/24/97	1130	CMM	5927 mg/L	
COLOR	EPA 110.2		02/20/97	1400	CMM	25 CPU	
AMMONIA NITROGEN	SM4500NH3E		02/20/97	1600	TER	13.2 mg/L	
NITRATE	EPA 353.2		02/20/97	1630	IF	<0.11 mg/L	
TOTAL DISS. SOLIDS	EPA160.1		02/21/97	1600	CMM	10885 mg/L	
IRON, TOTAL	SM3113B	02/21/97	TER	02/21/97	1010	TER	0.53 mg/L
MERCURY, TOTAL	245.1		02/24/97	1055	TER	<0.0002 mg/L	
SODIUM, TOTAL	273.1	02/21/97	TER	02/21/97	1120	TER	1250 mg/L

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

REPORT OF ANALYSES

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

PROJECT NAME: RES REC LEACH
DATE: 02/26/97
DHRS # 44237, E44123

SAMPLE NUMBER- 54579 SAMPLE ID- SW-1 SECONDARY TANK
DATE SAMPLED- 02/19/97 LOCATION-
DATE RECEIVED- 02/19/97 SAMPLER- CHRIS CHILDRESS
TIME RECEIVED- 1440 DELIVERED BY- CHRIS CHILDRESS

SAMPLE MATRIX- LE
TIME SAMPLED- 1015
RECEIVED BY- CEM

Page 1 of 1

ANALYSIS	METHOD	SAMPLE PREP		ANALYSIS		RESULT	UNITS
		DATE	BY	DATE	TIME BY		
FIELD PH	EPA 150.1			02/19/97	1015 CHR	6.15	STD. UNITS
FIELD TEMPERATURE	SM2550B			02/19/97	1015 CHR	22.0	DEGREES C
FIELD CONDUCTIVITY	SM2510B			02/19/97	1015 CHR	42099	umhos/cm
DISSOLVED OXYGEN, FIELD	SM4500-O G			02/19/97	1015 CHR	2.7	mg/L
ALKALINITY, BICARB.	EPA310.1			02/25/97	1010 CMM	227	mg/l
CHLORIDE	EPA 325.3			02/24/97	1130 CMM	18385	mg/L
COLOR	EPA 110.2			02/20/97	1400 CMM	70	CPU
AMMONIA NITROGEN	SM4500NH3E			02/20/97	1600 TER	16.8	mg/L
NITRATE	EPA 353.2			02/20/97	1630 IF	<0.11	mg/L
TOTAL DISS. SOLIDS	EPA160.1			02/21/97	1600 CMM	45200	mg/L
IRON, TOTAL	SM3113B	02/21/97	TER	02/21/97	1010 TER	2.03	mg/L
MERCURY, TOTAL	245.1			02/24/97	1055 TER	<0.0002	mg/L
SODIUM, TOTAL	273.1	02/21/97	TER	02/21/97	1120 TER	3960	mg/L

LABORATORY DIRECTOR



		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.	54577	160	160	0	0.00	-----	STD	100	99.3	99.30
EPA310.1 mg/l	54578	-----	-----	-----	-----	100.10	-----	-----	-----	-----
CHLORIDE	54545	5400	5420	20	0.37	100.40	STD	20.00	20.00	100.00
EPA 325.3	54576	16040	15980	60	0.37	-----	STD	20.00	20.15	100.75
mg/L	54577	1551	1555	4.0	0.26	-----	-----	-----	-----	-----
	54578	5955	5900	55	0.93	-----	-----	-----	-----	-----
	54579	18210	18560	350	1.90	-----	-----	-----	-----	-----
COLOR	54576	300	300	0	0.00	-----	-----	-----	-----	-----
EPA 110.2	54577	40	40	0	0.00	-----	-----	-----	-----	-----
CPU	54579	70	70	0	0.00	-----	-----	-----	-----	-----
AMMONIA NITROGEN	54578	13.2	13.2	0	0.00	100.10	-----	-----	-----	-----
SM4500NH3E mg/L										
NITRATE	54576	<0.11	<0.11	0.055	0.00	-----	N03 STD	4.000	3.971	99.29
EPA 353.2	54579	<0.11	<0.11	0.055	0.00	94.73	N03 STD	4.000	4.085	102.14
mg/L										
TOTAL DISS.SOLIDS	54545	16000	15700	300	1.89	-----	STD	293	290	99.00
EPA160.1 mg/L	54578	11010	10760	250	2.30	-----	-----	-----	-----	-----



PASCO COUNTY, FLORIDA

QC REPORT FOR RESOURCE RECOVERY 02/26/97

QA/QC for SAMPLE Nos: 54576, 54577, 54578, 54579.

Page 2

Analyte	LAB ID	Precision Data				Accuracy Data	Reference Sample Data			
		Replicate A	Replicate B	Range	RPD %	% Spike Recovery	Reference Sample ID	Target	Found	% Recovery
IRON, TOTAL SM31138 mg/L	54576	1.71	1.72	0.010	0.58	97.10	-----	-----	-----	-----
MERCURY, TOTAL 245.1 mg/L	54576	<0.0002	<0.0002	0.00010	0.00	109.00	-----	-----	-----	-----
SODIUM, TOTAL 273.1 mg/L	54576	15.45	15.36	0.090	0.58	-----	-----	-----	-----	-----

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TOXIKON CORP.

REPORT

Work Order # 97-02-134

Received: 02/21/97

Results by Sample

SAMPLE ID	<u>METHOD BLANK</u>		SAMPLE #	<u>05</u>	FRACTIONS:	<u>A</u>	
			Date & Time Collected	<u>not specified</u>		Category	<u>QC</u>
CN_TOT	<u>ND</u>	HG	<u>ND</u>	S_FID	<u>ND</u>		
mg/L	DL=0.010	mg/L	DL=0.0005	mg/L	DL=0.10		

Received: 02/21/97

Results by Sample

SAMPLE ID METHOD BLANK FRACTION 05A TEST CODE 22ICP NAME ICAP METALS SCAN
Date & Time Collected not specified Category QC

	RESULT	LIMIT
SILVER	<u>ND</u>	<u>0.007</u>
CADMIUM	<u>ND</u>	<u>0.010</u>
CHROMIUM	<u>ND</u>	<u>0.010</u>
COPPER	<u>ND</u>	<u>0.010</u>
NICKEL	<u>ND</u>	<u>0.020</u>
LEAD	<u>ND</u>	<u>0.050</u>
ZINC	<u>ND</u>	<u>0.020</u>
ARSENIC	<u>ND</u>	<u>0.100</u>
SELENIUM	<u>ND</u>	<u>0.250</u>
BERYLLIUM	<u>ND</u>	<u>0.004</u>
ANTIMONY	<u>ND</u>	<u>0.150</u>
THALLIUM	<u>ND</u>	<u>0.300</u>
BARIUM	<u>ND</u>	<u>0.010</u>
COBALT	<u>ND</u>	<u>0.010</u>
VANADIUM	<u>ND</u>	<u>0.010</u>
TIN	<u>ND</u>	<u>0.005</u>

Notes and Definitions for this Report:

EXTRACTED 02/27/97
DATE RUN 02/28/97
ANALYST VR
INSTRUMENT ICP
CONC FACTOR 1
UNITS mg/L

Received: 02/21/97

Results by Sample

SAMPLE ID METHOD BLANK FRACTION 05A TEST CODE 504 NAME EDB AND DBCP BY GC
Date & Time Collected not specified Category QC

EPA METHOD 504

PARAMETER	RESULT	DETECT LIMIT	CAS NUMBER
ETHYLENE DIBROMIDE (EDB)	<u>ND</u>	<u>0.020</u>	106-93-4
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	<u>ND</u>	<u>0.020</u>	96-12-8

NOTES AND DEFINITIONS FOR THIS REPORT

DATE RUN..... 02/25/97

INSTRUMENT..... HP-2UNITS..... ug/L

ND = NOT DETECTED AT DETECTION LIMITS

Received: 02/21/97

Results by Sample

SAMPLE ID METHOD BLANKFRACTION 05ATEST CODE 8080NAME PESTICIDES/PCBDate & Time Collected not specifiedCategory QCEPA 8080 - ORGANOCHLORINE PESTICIDES & PCB's

	DETEC.			DETEC.	
	RESULT	LIMIT		RESULT	LIMIT
Alpha-BHC	ND	0.010	Aroclor 1016	ND	0.250
Gamma-BHC (Lindane)	ND	0.010	Aroclor 1221	ND	0.250
Beta-BHC	ND	0.010	Aroclor 1232	ND	0.250
Heptachlor	ND	0.010	Aroclor 1242	ND	0.250
Delta-BHC	ND	0.010	Aroclor 1248	ND	0.250
Aldrin	ND	0.010	Aroclor 1254	ND	0.250
Heptachlor Epoxide	ND	0.010	Aroclor 1260	ND	0.250
Endosulfan I	ND	0.010			
4,4'-DDE	ND	0.010			
Dieldrin	ND	0.010			
Endrin	ND	0.010			
4,4'-DDD	ND	0.010			
Endosulfan II	ND	0.010			
4,4'-DDT	ND	0.010			
Endrin Aldehyde	ND	0.010			
Endosulfan Sulfate	ND	0.010			
Chlordane	ND	0.500			
Toxaphene	ND	0.250			
Methoxychlor	ND	0.010			

Notes and Definitions for this Report:

EXTRACTED: 02/11/97
DATE RUN: 02/12/97
ANALYST: JRY
INSTRUMENT: HP-2
DIL. FACTOR: 1
UNITS: ug/L

ND = not detected at detection limit

Received: 02/21/97

Results by Sample

SAMPLE ID METHOD BLANK FRACTION 05A TEST CODE 8150M NAME CHLORINATED HERB. - WATER
Date & Time Collected not specified Category QC

EPA 8150 - CHLORINATED PESTICIDES

	RESULT	LIMIT
2,4-DB	<u>ND</u>	<u>0.500</u>
2,4-D	<u>ND</u>	<u>0.500</u>
2,4,5-T	<u>ND</u>	<u>0.500</u>
Silvex (2,4,5-TP)	<u>ND</u>	<u>0.500</u>
Dinoseb (DNBP)	<u>ND</u>	<u>0.500</u>
Dalapon	<u>ND</u>	<u>0.500</u>
Dicamba	<u>ND</u>	<u>0.500</u>
Dichlorprop	<u>ND</u>	<u>0.500</u>
MCPA	<u>ND</u>	<u>5000</u>
MCPP	<u>ND</u>	<u>5000</u>

Notes and Definitions for this Report:

EXTRACTED: 02/24/97
DATE RUN: 02/27/97
ANALYST: JRY
INSTRUMENT: HP-2
DIL. FACTOR: 1

ND = not detected at detection limit

Received: 02/21/97

Results by Sample

SAMPLE ID METHOD BLANK FRACTION 05A TEST CODE 8260A2 NAME PURGEABLE ORGANICS VOA
 Date & Time Collected not specified Category QC

EPA 8260A PURGEABLE ORGANICS

	RESULT	LIMIT		RESULT	LIMIT
Acetone	ND	50.0			
Acetonitrile	ND	5.00	Ethylbenzene	ND	5.00
Acrolein	ND	100	Ethyl methacrylate	ND	10.0
Acrylonitrile	ND	10.0	2-Hexanone	ND	10.0
Allyl chloride	ND	10.0	Isobutyl alcohol	ND	5.00
Benzene	ND	5.00	Methacrylonitrile	ND	20.0
Bromochloromethane	ND	5.00	Methyl bromide	ND	5.00
Bromodichloromethane	ND	5.00	Methyl chloride	ND	5.00
Bromoform	ND	5.00	Methylene bromide	ND	10.0
Carbon disulfide	ND	5.00	Methylene chloride	ND	10.0
Carbon tetrachloride	ND	10.0	Methyl ethyl ketone	ND	10.0
Chlorobenzene	ND	5.00	Methyl iodide	ND	10.0
Chloroethane	ND	10.0	Methyl methacrylate	ND	10.0
Chloroform	ND	5.00	4-Methyl-2-pentanone	ND	10.0
Chloroprene	ND	50.0	Propionitrile	ND	10.0
Dibromochloromethane	ND	5.00	Styrene	ND	5.00
1,2-Dichlorobenzene	ND	5.00	1,1,1,2-Tetrachloroethane	ND	5.00
1,3-Dichlorobenzene	ND	5.00	1,1,2,2-Tetrachloroethane	ND	5.00
1,4-Dichlorobenzene	ND	5.00	Tetrachloroethene	ND	5.00
trans-1,4-Dichloro-2-butene	ND	50.0	Toluene	ND	5.00
Dichlorodifluoromethane	ND	5.00	1,1,1-Trichloroethane	ND	5.00
1,1-Dichloroethane	ND	5.00	1,1,2-Trichloroethane	ND	5.00
1,2-Dichloroethane	ND	5.00	Trichloroethene	ND	5.00
1,1-Dichloroethene	ND	5.00	Trichlorofluoromethane	ND	5.00
cis-1,2-Dichloroethene	ND	5.00	1,2,3-Trichloropropane	ND	5.00
trans-1,2-Dichloroethene	ND	5.00	Vinyl acetate	ND	5.00
1,2-Dichloropropane	ND	5.00	Vinyl chloride	ND	5.00
1,3-Dichloropropane	ND	5.00	Total xylenes	ND	5.00
2,2-Dichloropropane	ND	5.00	1,2-Dibromo3-chloropropane	ND	5.00
1,1-Dichloropropene	ND	5.00	1,2-Dibromomethane	ND	5.00
cis-1,3-Dichloropropene	ND	5.00			
trans-1,3-Dichloropropene	ND	5.00			

Surrogates	% Recovery	Surrogate Limits
Dibromofluoromethane	104	86 - 118
Toluene-d8	100	88 - 110
Bromofluorobenzene	100	86 - 115

Notes and Definitions for this Report:

DATE RUN: 03/05/97ANALYST: CINSTRUMENT: VOA-5972DIL. FACTOR: 1

COMMENTS: _____

UNITS: ug/L

Received: 02/21/97

Results by Sample

SAMPLE ID METHOD BLANKFRACTION 05A TEST CODE 8270A2 NAME A/BN EXTRACTABLES SOILDate & Time Collected not specifiedCategory QC**EPA METHOD 8270A**

ANALYTE	RESULT	LIMIT	ANALYTE	RESULT	LIMIT
Acenaphthene	ND	10.0	3,3'-Dimethylbenzidine	ND	20.0
Acenaphthylene	ND	10.0	2,4-Dimethylphenol	ND	10.0
Acetophenone	ND	10.0	Dimethyl phthalate	ND	10.0
2-Acetyaminofluorene	ND	20.0	1-3-Dinitrobenzene	ND	10.0
4-Aminobiphenyl	ND	20.0	4,6-Dinitro-2-methylphenol	ND	50.0
Anthracene	ND	10.0	2-4-Dinitrophenol	ND	50.0
Benz(a)anthracene	ND	10.0	2,4-Dinitrotoluene	ND	10.0
Benzo(b)fluoranthene	ND	10.0	2,6-Dinitrotoluene	ND	10.0
Benzo(k)fluoranthene	ND	10.0	Di-n-octyl phthalate	ND	10.0
Benzo(g,h,i)perylene	ND	10.0	Diphenylamine	ND	10.0
Benzo(a)pyrene	ND	10.0	Disulfoton	ND	10.0
Benzyl alcohol	ND	20.0	Ethyl methanesulfonate	ND	20.0
Bis(2-chloroethoxy)methane	ND	10.0	Famphur (Famophos)	ND	20.0
Bis(2-chloroethyl)ether	ND	10.0	Fluoranthene	ND	10.0
Bis(2-chloromethylethyl)ether	ND	10.0	Fluorene	ND	10.0
Bis(2-ethylhexyl)phthalate	ND	10.0	Hexachlorobutadiene	ND	10.0
4-Bromophenyl phenyl ether	ND	10.0	Hexachlorocyclopentadiene	ND	10.0
Butyl benzyl phthalate	ND	10.0	Hexachloroethane	ND	10.0
p-Chloroaniline	ND	20.0	Hexachloropropene	ND	10.0
Chlorobenzilate	ND	10.0	Indeno(1,2,3-cd)pyrene	ND	10.0
4-Chloro-3-methylphenol	ND	20.0	Isodrin	ND	20.0
2-Chloronaphthalene	ND	10.0	Isophorone	ND	10.0
2-Chlorophenol	ND	10.0	Isosafrole	ND	10.0
4-Chlorophenyl phenyl ether	ND	10.0	Kepone	ND	20.0
Chrysene	ND	10.0	Methapyrilene	ND	100
o-Cresol(2-Methylphenol)	ND	10.0	3-Methylcholanthrene	ND	10.0
m-Cresol(3-Methylphenol)	ND	10.0	Methyl methanesulfonate	ND	10.0
p-Cresol(4-Methylphenol)	ND	10.0	2-Methylnaphthalene	ND	10.0
Diallate (total)	ND	10.0	Methyl parathion	ND	10.0
Dibenz(a,h)anthracene	ND	10.0	Naphthalene	ND	10.0
Dibenzofuran	ND	10.0	1,4-Naphthoquinone	ND	10.0
Di-n-butyl phthalate	ND	10.0	1-Naphthylamine	ND	10.0
1,2-Dichlorobenzene	ND	10.0	2-Naphthylamine	ND	10.0
1,3-Dichlorobenzene	ND	10.0	2-Nitroaniline	ND	50.0
1,4-Dichlorobenzene	ND	10.0	3-Nitroaniline	ND	20.0
3,3'-Dichlorobenzidine	ND	20.0	4-Nitroaniline	ND	40.0
2,4-Dichlorophenol	ND	10.0	Nitrobenzene	ND	10.0
2,6-Dichlorophenol	ND	10.0	2-Nitrophenol	ND	10.0
Diethyl phthalate	ND	10.0	4-Nitrophenol	ND	50.0
0,0-Diethyl 0-2-pyrazinyl			n-Nitrosodi-n-butylamine	ND	10.0
phosphoroethoate	ND	10.0	n-Nitrosodiethylamine	ND	20.0
Dimethoate	ND	10.0	n-Nitrosodimethylamine	ND	10.0
p-(Dimethylamino)azobenzene	ND	10.0	n-Nitrosodiphenylamine	ND	10.0
7,12-Dimethylbenz(a)anthracene	ND	10.0			

CONTINUED ON FOLLOWING PAGE

Received: 02/21/97

Results by Sample

Continued From Above

SAMPLE ID METHOD BLANK FRACTION 05A TEST CODE 8270A2 NAME A/BN EXTRACTABLES SOIL
 Date & Time Collected not specified Category QC

EPA METHOD 8270A

ANALYTE	RESULT	LIMIT	ANALYTE	RESULT	LIMIT
n-Nitroso-n-dipropylamine	ND	10.0	1,2,4-Trichlorobenzene	ND	10.0
n-Nitrosomethylethylamine	ND	10.0	2,4,5-Trichlorophenol	ND	10.0
n-Nitrosopiperidine	ND	10.0	2,4,6-Trichlorophenol	ND	10.0
n-Nitrosopyrrolidine	ND	10.0	Triethyl phosphorothioate	ND	10.0
5-Nitro-o-toluidine	ND	10.0	1,3,5-Trinitrobenzene	ND	10.0
Parathion (Parathion ethyl)	ND	10.0	Hexachlorobenzene	ND	10.0
Pentachlorobenzene	ND	10.0	Dimethoate	ND	10.0
Pentachloronitrobenzene	ND	10.0	Disulfoton	ND	10.0
Pentachlorophenol	ND	10.0	Parathion	ND	10.0
Phenacetin	ND	10.0	Methyl parathion	ND	10.0
Phenanthrene	ND	10.0	Phorate	ND	10.0
Phenol	ND	10.0			
p-Phenylenediamine	ND	10.0			
Phorate	ND	10.0			
Pronamide	ND	10.0			
Pyrene	ND	10.0			
Safrole	ND	10.0			
1,2,4,5-Tetrachlorobenzene	ND	10.0			
2,3,4,6-Tetrachlorophenol	ND	10.0			
o-Toluidine	ND	10.0			

Surrogates	% Recovery	Surrogate Limits
2-Fluorophenol	34	21 - 100
Phenol-d6	24	10 - 94
Nitrobenzene-d5	65	35 - 114
2-Fluorobiphenyl	53	43 - 116
2,4,6-Tribromophenol	72	10 - 123
Terphenyl-d14	82	33 - 141

Notes and Definitions for this Report:

UNITS: ug/LEXTRACTED: 02/26/97DATE RUN: 03/04/97ANALYST: DSINSTRUMENT: FDIL. FACTOR: 1

ND = not detected at detection limit

Received: 02/21/97

Results by Sample

SAMPLE ID	<u>MEAN % RECOVERY</u>		SAMPLE #	<u>06</u>	FRACTIONS:	<u>A</u>
			Date & Time Collected	<u>not specified</u>		Category
			<u>QC</u>			
CN_TOT	<u>103</u>	HG	<u>80</u>	S_FID	<u>98</u>	
	<u>%</u>		<u>%</u>		<u>%</u>	

Received: 02/21/97

Results by Sample

SAMPLE ID MEAN % RECOVERY FRACTION 06A TEST CODE 22ICP NAME ICAP METALS SCAN
Date & Time Collected not specified Category QC

	RESULT	LIMIT
SILVER	<u>87</u>	<u>%</u>
CADMIUM	<u>97</u>	<u>%</u>
CHROMIUM	<u>97</u>	<u>%</u>
COPPER	<u>95</u>	<u>%</u>
NICKEL	<u>97</u>	<u>%</u>
LEAD	<u>94</u>	<u>%</u>
ZINC	<u>97</u>	<u>%</u>
ARSENIC	<u>98</u>	<u>%</u>
SELENIUM	<u>103</u>	<u>%</u>
BERYLLIUM	<u>98</u>	<u>%</u>
ANTIMONY	<u>94</u>	<u>%</u>
THALLIUM	<u>96</u>	<u>%</u>
BARIUM	<u>100</u>	<u>%</u>
COBALT	<u>97</u>	<u>%</u>
VANADIUM	<u>97</u>	<u>%</u>
TIN	<u>119</u>	<u>%</u>

Notes and Definitions for this Report:

EXTRACTED 02/27/97
DATE RUN 02/28/97
ANALYST VR
INSTRUMENT ICP
CONC FACTOR *
UNITS %

Received: 02/21/97

Results by Sample

SAMPLE ID MEAN % RECOVERY FRACTION 06A TEST CODE 504 NAME EDB AND DBCP BY GC
Date & Time Collected not specified Category QC

EPA METHOD 504

PARAMETER	RESULT	DETECT LIMIT	CAS NUMBER
ETHYLENE DIBROMIDE (EDB)	<u>85 %</u>	<u>*</u>	<u>106-93-4</u>
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	<u>99 %</u>	<u>*</u>	<u>96-12-8</u>

NOTES AND DEFINITIONS FOR THIS REPORT

DATE RUN..... 02/25/97

INSTRUMENT..... HP-2UNITS..... %

ND = NOT DETECTED AT DETECTION LIMITS

Received: 02/21/97

Results by Sample

SAMPLE ID MEAN % RECOVERY FRACTION 06A TEST CODE 8080 NAME PESTICIDES/PCB
 Date & Time Collected not specified Category QC

EPA 8080 - ORGANOCHLORINE PESTICIDES & PCB's

	DETEC.			DETEC.	
	RESULT	LIMIT		RESULT	LIMIT
Alpha-BHC	<u>105 %</u>	<u>*</u>	Aroclor 1016	<u>*</u>	<u>*</u>
Gamma-BHC (Lindane)	<u>104 %</u>	<u>*</u>	Aroclor 1221	<u>*</u>	<u>*</u>
Beta-BHC	<u>103 %</u>	<u>*</u>	Aroclor 1232	<u>*</u>	<u>*</u>
Heptachlor	<u>109 %</u>	<u>*</u>	Aroclor 1242	<u>*</u>	<u>*</u>
Delta-BHC	<u>97 %</u>	<u>*</u>	Aroclor 1248	<u>*</u>	<u>*</u>
Aldrin	<u>101 %</u>	<u>*</u>	Aroclor 1254	<u>*</u>	<u>*</u>
Heptachlor Epoxide	<u>111 %</u>	<u>*</u>	Aroclor 1260	<u>*</u>	<u>*</u>
Endosulfan I	<u>103 %</u>	<u>*</u>			
4,4'-DDE	<u>122 %</u>	<u>*</u>			
Dieldrin	<u>114 %</u>	<u>*</u>			
Endrin	<u>114 %</u>	<u>*</u>			
4,4'-DDD	<u>107 %</u>	<u>*</u>			
Endosulfan II	<u>112 %</u>	<u>*</u>			
4,4'-DDT	<u>*</u>	<u>*</u>			
Endrin Aldehyde	<u>106 %</u>	<u>*</u>			
Endosulfan Sulfate	<u>108 %</u>	<u>*</u>			
Chlordane	<u>*</u>	<u>*</u>			
Toxaphene	<u>*</u>	<u>*</u>			
Methoxychlor	<u>*</u>	<u>*</u>			

Notes and Definitions for this Report:

EXTRACTED: 02/11/97
 DATE RUN: 02/12/97
 ANALYST: JRY
 INSTRUMENT: HP-2
 DIL. FACTOR: *1
 UNITS: ug/L

ND = not detected at detection limit

Received: 02/21/97

Results by Sample

SAMPLE ID MEAN % RECOVERY FRACTION 06A TEST CODE 8150W NAME CHLORINATED HERB. - WATER
Date & Time Collected not specified Category QC

EPA 8150 - CHLORINATED PESTICIDES

	RESULT	LIMIT
2,4-DB	<u>93 %</u>	<u>*</u>
2,4-D	<u>106 %</u>	<u>*</u>
2,4,5-T	<u>95 %</u>	<u>*</u>
Silvex (2,4,5-TP)	<u>97 %</u>	<u>*</u>
Dinoseb (DNBP)	<u>82 %</u>	<u>*</u>
Dalapon	<u>106 %</u>	<u>*</u>
Dicamba	<u>111 %</u>	<u>*</u>
Dichlorprop	<u>103 %</u>	<u>*</u>
MCPA	<u>104 %</u>	<u>*</u>
MCPP	<u>96 %</u>	<u>*</u>

Notes and Definitions for this Report:

EXTRACTED: 02/10/97
DATE RUN: 02/11/97
ANALYST: JRY
INSTRUMENT: HP-2
DIL. FACTOR: *1

ND = not detected at detection limit

Received: 02/21/97

Results by Sample

SAMPLE ID MEAN % RECOVERY FRACTION 06A TEST CODE 8260A2 NAME PURGEABLE ORGANICS VOA
 Date & Time Collected not specified Category QC

EPA 8260A PURGEABLE ORGANICS

	RESULT	LIMIT		RESULT	LIMIT
Acetone	-	-			
Acetonitrile	-	-	Ethylbenzene	-	-
Acrolein	-	-	Ethyl methacrylate	-	-
Acrylonitrile	-	-	2-Hexanone	-	-
Allyl chloride	-	-	Isobutyl alcohol	-	-
Benzene	76%	-	Methacrylonitrile	-	-
Bromochloromethane	-	-	Methyl bromide	-	-
Bromodichloromethane	-	-	Methyl chloride	-	-
Bromoform	-	-	Methylene bromide	-	-
Carbon disulfide	-	-	Methylene chloride	-	-
Carbon tetrachloride	-	-	Methyl ethyl ketone	-	-
Chlorobenzene	86%	-	Methyl iodide	-	-
Chloroethane	-	-	Methyl methacrylate	-	-
Chloroform	-	-	4-Methyl-2-pentanone	-	-
Chloroprene	-	-	Propionitrile	-	-
Dibromochloromethane	-	-	Styrene	-	-
1,2-Dichlorobenzene	-	-	1,1,1,2-Tetrachloroethane	-	-
1,3-Dichlorobenzene	-	-	1,1,2,2-Tetrachloroethane	-	-
1,4-Dichlorobenzene	-	-	Tetrachloroethene	-	-
trans-1,4-Dichloro-2-butene	-	-	Toluene	92%	-
Dichlorodifluoromethane	-	-	1,1,1-Trichloroethane	-	-
1,1-Dichloroethane	-	-	1,1,2-Trichloroethane	-	-
1,2-Dichloroethane	-	-	Trichloroethene	80%	-
1,1-Dichloroethene	65%	-	Trichlorofluoromethane	-	-
cis-1,2-Dichloroethene	-	-	1,2,3-Trichloropropane	-	-
trans-1,2-Dichloroethene	-	-	Vinyl acetate	-	-
1,2-Dichloropropane	-	-	Vinyl chloride	-	-
1,3-Dichloropropane	-	-	Total xylenes	-	-
2,2-Dichloropropane	-	-	1,2-Dibromo3-chloropropane	-	-
1,1-Dichloropropene	-	-	1,2-Dibromomethane	-	-
cis-1,3-Dichloropropene	-	-			
trans-1,3-Dichloropropene	-	-			

Surrogates	% Recovery	Surrogate Limits
Dibromofluoromethane	106	86 - 118
Toluene-d8	100	88 - 110
Bromofluorobenzene	101	86 - 115

Notes and Definitions for this Report:

DATE RUN: 03/05/97

ANALYST: C

INSTRUMENT: VOA-5972

DIL. FACTOR: *

COMMENTS:

UNITS: %

Received: 02/21/97

Results by Sample

SAMPLE ID MEAN % RECOVERY FRACTION 06A TEST CODE 8270A2 NAME A/BM EXTRACTABLES SOIL
 Date & Time Collected not specified Category QC

EPA METHOD 8270A

ANALYTE	RESULT	LIMIT	ANALYTE	RESULT	LIMIT
Acenaphthene	58%	-	3,3'-Dimethylbenzidine	-	-
Acenaphthylene	-	-	2,4-Dimethylphenol	-	-
Acetophenone	-	-	Dimethyl phthalate	-	-
2-Acetyaminofluorene	-	-	1-3-Dinitrobenzene	-	-
4-Aminobiphenyl	-	-	4,6-Dinitro-2-methylphenol	-	-
Anthracene	-	-	2-4-Dinitrophenol	-	-
Benz(a)anthracene	-	-	2,4-Dinitrotoluene	62%	-
Benzo(b)fluoranthene	-	-	2,6-Dinitrotoluene	-	-
Benzo(k)fluoranthene	-	-	Di-n-octyl phthalate	-	-
Benzo(g,h,i)perylene	-	-	Diphenylamine	-	-
Benzo(a)pyrene	-	-	Disulfoton	-	-
Benzyl alcohol	-	-	Ethyl methanesulfonate	-	-
Bis(2-chloroethoxy)methane	-	-	Famphur (Famophos)	-	-
Bis(2-chloroethyl)ether	-	-	Fluoranthene	-	-
Bis(2-chloromethylethyl)ether	-	-	Fluorene	-	-
Bis(2-ethylhexyl)phthalate	-	-	Hexachlorobutadiene	-	-
4-Bromophenyl phenyl ether	-	-	Hexachlorocyclopentadiene	-	-
Butyl benzyl phthalate	-	-	Hexachloroethane	-	-
p-Chloroaniline	-	-	Hexachloropropene	-	-
Chlorobenzilate	-	-	Indeno(1,2,3-cd)pyrene	-	-
4-Chloro-3-methylphenol	69%	-	Isodrin	-	-
2-Chloronaphthalene	-	-	Isophorone	-	-
2-Chlorophenol	70%	-	Isosafrole	-	-
4-Chlorophenyl phenyl ether	-	-	Kepone	-	-
Chrysene	-	-	Methapyrilene	-	-
o-Cresol(2-Methylphenol)	-	-	3-Methylcholanthrene	-	-
m-Cresol(3-Methylphenol)	-	-	Methyl methanesulfonate	-	-
p-Cresol(4-Methylphenol)	-	-	2-Methylnaphthalene	-	-
Diallate (total)	-	-	Methyl parathion	-	-
Dibenz(a,h)anthracene	-	-	Naphthalene	-	-
Dibenzofuran	-	-	1,4-Naphthoquinone	-	-
Di-n-butyl phthalate	-	-	1-Naphthylamine	-	-
1,2-Dichlorobenzene	-	-	2-Naphthylamine	-	-
1,3-Dichlorobenzene	-	-	2-Nitroaniline	-	-
1,4-Dichlorobenzene	53%	-	3-Nitroaniline	-	-
3,3'-Dichlorobenzidine	-	-	4-Nitroaniline	-	-
2,4-Dichlorophenol	-	-	Nitrobenzene	-	-
2,6-Dichlorophenol	-	-	2-Nitrophenol	-	-
Diethyl phthalate	-	-	4-Nitrophenol	26%	-
0,0-Diethyl 0-2-pyrazinyl	-	-	n-Nitrosodi-n-butylamine	-	-
phosphoroethoate	-	-	n-Nitrosodiethylamine	-	-
Dimethoate	-	-	n-Nitrosodimethylamine	-	-
p-(Dimethylamino)azobenzene	-	-	n-Nitrosodiphenylamine	-	-
7,12-Dimethylbenz(a)anthracene	-	-			

CONTINUED ON FOLLOWING PAGE

Received: 02/21/97

Results by Sample

Continued From Above

SAMPLE ID MEAN % RECOVERY FRACTION 06A TEST CODE 8270A2 NAME A/BW EXTRACTABLES SOIL
 Date & Time Collected not specified Category QC

EPA METHOD 8270A

ANALYTE	RESULT	LIMIT	ANALYTE	RESULT	LIMIT
n-Nitroso-n-dipropylamine	63%	-	1,2,4-Trichlorobenzene	53%	-
n-Nitrosomethylethylamine	-	-	2,4,5-Trichlorophenol	-	-
n-Nitrosopiperidine	-	-	2,4,6-Trichlorophenol	-	-
n-Nitrosopyrrolidine	-	-	Triethyl phosphorothioate	-	-
5-Nitro-o-toluidine	-	-	1,3,5-Trinitrobenzene	-	-
Parathion (Parathion ethyl)	-	-	Hexachlorobenzene	-	-
Pentachlorobenzene	-	-	Dimethoate	-	-
Pentachloronitrobenzene	-	-	Disulfoton	-	-
Pentachlorophenol	57%	-	Parathion	-	-
Phenacetin	-	-	Methyl parathion	-	-
Phenanthrene	-	-	Phorate	-	-
Phenol	25%	-			
p-Phenylenediamine	-	-			
Phorate	-	-			
Pronamide	-	-			
Pyrene	74%	-			
Safrole	-	-			
1,2,4,5-Tetrachlorobenzene	-	-			
2,3,4,6-Tetrachlorophenol	-	-			
o-Toluidine	-	-			

Surrogates	% Recovery	Surrogate Limits
2-Fluorophenol	25	21 - 100
Phenol-d6	35	10 - 94
Nitrobenzene-d5	68	35 - 114
2-Fluorobiphenyl	53	43 - 116
2,4,6-Tribromophenol	70	10 - 123
Terphenyl-d14	78	33 - 141

Notes and Definitions for this Report:

UNITS: %
 EXTRACTED: 02/26/97
 DATE RUN: 03/04/97
 ANALYST: DS
 INSTRUMENT: F
 DIL. FACTOR: *

ND = not detected at detection limit

Received: 02/21/97

Results by Sample

SAMPLE ID <u>RPD</u>		SAMPLE # <u>07</u> FRACTIONS: <u>A</u>	
Date & Time Collected <u>not specified</u>		Category <u>QC</u>	
CN_TOT	<u>0</u>	HG	<u>0</u>
	<u>%</u>		<u>%</u>
S_FID	<u>2.0</u>		
	<u>%</u>		

Received: 02/21/97

Results by Sample

SAMPLE ID RPD FRACTION 07A TEST CODE 22ICP NAME ICAP METALS SCAN
Date & Time Collected not specified Category QC

	RESULT	LIMIT
SILVER	<u>0</u>	<u>%</u>
CADMIUM	<u>0</u>	<u>%</u>
CHROMIUM	<u>0</u>	<u>%</u>
COPPER	<u>0</u>	<u>%</u>
NICKEL	<u>0</u>	<u>%</u>
LEAD	<u>0</u>	<u>%</u>
ZINC	<u>3.2</u>	<u>%</u>
ARSENIC	<u>0</u>	<u>%</u>
SELENIUM	<u>0</u>	<u>%</u>
BERYLLIUM	<u>0</u>	<u>%</u>
ANTIMONY	<u>0</u>	<u>%</u>
THALLIUM	<u>0</u>	<u>%</u>
BARIUM	<u>0</u>	<u>%</u>
COBALT	<u>0</u>	<u>%</u>
VANADIUM	<u>0</u>	<u>%</u>
TIN	<u>0</u>	<u>%</u>

Notes and Definitions for this Report:

EXTRACTED 02/27/97
DATE RUN 02/28/97
ANALYST VR
INSTRUMENT ICP
CONC FACTOR *
UNITS %

Received: 02/21/97

Results by Sample

SAMPLE ID RPD FRACTION 07A TEST CODE 504 NAME EDB AND DBCP BY GC
Date & Time Collected not specified Category QC

EPA METHOD 504

PARAMETER	RESULT	DETECT LIMIT	CAS NUMBER
ETHYLENE DIBROMIDE (EDB)	<u>9.4 %</u>	<u>*</u>	<u>106-93-4</u>
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	<u>2.0 %</u>	<u>*</u>	<u>96-12-8</u>

NOTES AND DEFINITIONS FOR THIS REPORT

DATE RUN..... 02/25/97

INSTRUMENT..... HP-2UNITS..... %

ND = NOT DETECTED AT DETECTION LIMITS

Received: 02/21/97

Results by Sample

SAMPLE ID RPD FRACTION 07A TEST CODE 8080 NAME PESTICIDES/PCB
 Date & Time Collected not specified Category QC

EPA 8080 - ORGANOCHLORINE PESTICIDES & PCB's

	DETEC.			DETEC.	
	RESULT	LIMIT		RESULT	LIMIT
Alpha-BHC	1.0 %	*	Aroclor 1016	*	*
Gamma-BHC (Lindane)	0 %	*	Aroclor 1221	*	*
Beta-BHC	1.9 %	*	Aroclor 1232	*	*
Heptachlor	1.8 %	*	Aroclor 1242	*	*
Delta-BHC	1.0 %	*	Aroclor 1248	*	*
Aldrin	1.0 %	*	Aroclor 1254	*	*
Heptachlor Epoxide	0 %	*	Aroclor 1260	*	*
Endosulfan I	0 %	*			
4,4'-DDE	1.0 %	*			
Dieldrin	3.5 %	*			
Endrin	0 %	*			
4,4'-DDD	1.0 %	*			
Endosulfan II	0 %	*			
4,4'-DDT	*	*			
Endrin Aldehyde	0 %	*			
Endosulfan Sulfate	3.7 %	*			
Chlordane	*	*			
Toxaphene	*	*			
Methoxychlor	*	*			

Notes and Definitions for this Report:

EXTRACTED: 02/11/97
 DATE RUN: 02/12/97
 ANALYST: JRY
 INSTRUMENT: HP-2
 DIL. FACTOR: *1
 UNITS: ug/L

ND = not detected at detection limit

Received: 02/21/97

Results by Sample

SAMPLE ID RPD FRACTION 07A TEST CODE 8150W NAME CHLORINATED HERB. - WATER
Date & Time Collected not specified Category QC

EPA 8150 - CHLORINATED PESTICIDES

	RESULT	LIMIT
2,4-DB	<u>3.2 %</u>	<u>*</u>
2,4-D	<u>2.8 %</u>	<u>*</u>
2,4,5-T	<u>1.1 %</u>	<u>*</u>
Silvex (2,4,5-TP)	<u>1.0 %</u>	<u>*</u>
Dinoseb (DNBP)	<u>4.9 %</u>	<u>*</u>
Dalapon	<u>0 %</u>	<u>*</u>
Dicamba	<u>0 %</u>	<u>*</u>
Dichlorprop	<u>1.0 %</u>	<u>*</u>
MCPA	<u>5.8 %</u>	<u>*</u>
MCPP	<u>1.0 %</u>	<u>*</u>

Notes and Definitions for this Report:

EXTRACTED: 02/10/97
DATE RUN: 02/11/97
ANALYST: JRY
INSTRUMENT: HP-2
DIL. FACTOR: *1

ND = not detected at detection limit

Received: 02/21/97

Results by Sample

SAMPLE ID RPDFRACTION 07ATEST CODE 8260A2NAME PURGEABLE ORGANICS VOADate & Time Collected not specifiedCategory QC**EPA 8260A PURGEABLE ORGANICS**

	RESULT	LIMIT		RESULT	LIMIT
Acetone	-	-			
Acetonitrile	-	-	Ethylbenzene	-	-
Acrolein	-	-	Ethyl methacrylate	-	-
Acrylonitrile	-	-	2-Hexanone	-	-
Allyl chloride	-	-	Isobutyl alcohol	-	-
Benzene	0%	-	Methacrylonitrile	-	-
Bromochloromethane	-	-	Methyl bromide	-	-
Bromodichloromethane	-	-	Methyl chloride	-	-
Bromoform	-	-	Methylene bromide	-	-
Carbon disulfide	-	-	Methylene chloride	-	-
Carbon tetrachloride	-	-	Methyl ethyl ketone	-	-
Chlorobenzene	4%	-	Methyl iodide	-	-
Chloroethane	-	-	Methyl methacrylate	-	-
Chloroform	-	-	4-Methyl-2-pentanone	-	-
Chloroprene	-	-	Propionitrile	-	-
Dibromochloromethane	-	-	Styrene	-	-
1,2-Dichlorobenzene	-	-	1,1,1,2-Tetrachloroethane	-	-
1,3-Dichlorobenzene	-	-	1,1,2,2-Tetrachloroethane	-	-
1,4-Dichlorobenzene	-	-	Tetrachloroethene	-	-
trans-1,4-Dichloro-2-butene	-	-	Toluene	0%	-
Dichlorodifluoromethane	-	-	1,1,1-Trichloroethane	-	-
1,1-Dichloroethane	-	-	1,1,2-Trichloroethane	-	-
1,2-Dichloroethane	-	-	Trichloroethene	1%	-
1,1-Dichloroethene	1%	-	Trichlorofluoromethane	-	-
cis-1,2-Dichloroethene	-	-	1,2,3-Trichloropropane	-	-
trans-1,2-Dichloroethene	-	-	Vinyl acetate	-	-
1,2-Dichloropropane	-	-	Vinyl chloride	-	-
1,3-Dichloropropane	-	-	Total xylenes	-	-
2,2-Dichloropropane	-	-	1,2-Dibromo3-chloropropane	-	-
1,1-Dichloropropene	-	-	1,2-Dibromomethane	-	-
cis-1,3-Dichloropropene	-	-			
trans-1,3-Dichloropropene	-	-			

Surrogates	% Recovery	Surrogate Limits
Dibromofluoromethane	106	86 - 118
Toluene-d8	100	88 - 110
Bromofluorobenzene	101	86 - 115

Notes and Definitions for this Report:

DATE RUN: 03/05/97ANALYST: CINSTRUMENT: VOA-5972DIL. FACTOR: *

COMMENTS: _____

UNITS: %

Received: 02/21/97

Results by Sample

SAMPLE ID RPDFRACTION 07A TEST CODE 8270A2 NAME A/BW EXTRACTABLES SOILDate & Time Collected not specifiedCategory QC**EPA METHOD 8270A**

ANALYTE	RESULT	LIMIT	ANALYTE	RESULT	LIMIT
Acenaphthene	1%	-	3,3'-Dimethylbenzidine	-	-
Acenaphthylene	-	-	2,4-Dimethylphenol	-	-
Acetophenone	-	-	Dimethyl phthalate	-	-
2-Acetyaminofluorene	-	-	1-3-Dinitrobenzene	-	-
4-Aminobiphenyl	-	-	4,6-Dinitro-2-methylphenol	-	-
Anthracene	-	-	2-4-Dinitrophenol	-	-
Benz(a)anthracene	-	-	2,4-Dinitrotoluene	4%	-
Benzo(b)fluoranthene	-	-	2,6-Dinitrotoluene	-	-
Benzo(k)fluoranthene	-	-	Di-n-octyl phthalate	-	-
Benzo(g,h,i)perylene	-	-	Diphenylamine	-	-
Benzo(a)pyrene	-	-	Disulfoton	-	-
Benzyl alcohol	-	-	Ethyl methanesulfonate	-	-
Bis(2-chloroethoxy)methane	-	-	Famphur (Famophos)	-	-
Bis(2-chloroethyl)ether	-	-	Fluoranthene	-	-
Bis(2-chloromethylethyl)ether	-	-	Fluorene	-	-
Bis(2-ethylhexyl)phthalate	-	-	Hexachlorobutadiene	-	-
4-Bromophenyl phenyl ether	-	-	Hexachlorocyclopentadiene	-	-
Butyl benzyl phthalate	-	-	Hexachloroethane	-	-
p-Chloroaniline	-	-	Hexachloropropene	-	-
Chlorobenzilate	-	-	Indeno(1,2,3-cd)pyrene	-	-
4-Chloro-3-methylphenol	0%	-	Isodrin	-	-
2-Chloronaphthalene	-	-	Isophorone	-	-
2-Chlorophenol	2%	-	Isosafrole	-	-
4-Chlorophenyl phenyl ether	-	-	Kepone	-	-
Chrysene	-	-	Methapyrilene	-	-
o-Cresol(2-Methylphenol)	-	-	3-Methylcholanthrene	-	-
m-Cresol(3-Methylphenol)	-	-	Methyl methanesulfonate	-	-
p-Cresol(4-Methylphenol)	-	-	2-Methylnaphthalene	-	-
Diallate (total)	-	-	Methyl parathion	-	-
Dibenz(a,h)anthracene	-	-	Naphthalene	-	-
Dibenzofuran	-	-	1,4-Naphthoquinone	-	-
Di-n-butyl phthalate	-	-	1-Naphthylamine	-	-
1,2-Dichlorobenzene	-	-	2-Naphthylamine	-	-
1,3-Dichlorobenzene	-	-	2-Nitroaniline	-	-
1,4-Dichlorobenzene	1%	-	3-Nitroaniline	-	-
3,3'-Dichlorobenzidine	-	-	4-Nitroaniline	-	-
2,4-Dichlorophenol	-	-	Nitrobenzene	-	-
2,6-Dichlorophenol	-	-	2-Nitrophenol	-	-
Diethyl phthalate	-	-	4-Nitrophenol	33%	-
0,0-Diethyl 0-2-pyrazinyl	-	-	n-Nitrosodi-n-butylamine	-	-
phosphoroethoate	-	-	n-Nitrosodiethylamine	-	-
Dimethoate	-	-	n-Nitrosodimethylamine	-	-
p-(Dimethylamino)azobenzene	-	-	n-Nitrosodiphenylamine	-	-
7,12-Dimethylbenz(a)anthracene	-	-			

CONTINUED ON FOLLOWING PAGE

Received: 02/21/97

Results by Sample

Continued From Above

SAMPLE ID RPD FRACTION 07A TEST CODE 8270A2 NAME A/BN EXTRACTABLES SOIL
 Date & Time Collected not specified Category QC

EPA METHOD 8270A

ANALYTE	RESULT	LIMIT	ANALYTE	RESULT	LIMIT
n-Nitroso-n-dipropylamine	<u>1%</u>	-	1,2,4-Trichlorobenzene	<u>2%</u>	-
n-Nitrosomethylethylamine	-	-	2,4,5-Trichlorophenol	-	-
n-Nitrosopiperidine	-	-	2,4,6-Trichlorophenol	-	-
n-Nitrosopyrrolidine	-	-	Triethyl phosphorothioate	-	-
5-Nitro-o-toluidine	-	-	1,3,5-Trinitrobenzene	-	-
Parathion (Parathion ethyl)	-	-	Hexachlorobenzene	-	-
Pentachlorobenzene	-	-	Dimethoate	-	-
Pentachloronitrobenzene	-	-	Disulfoton	-	-
Pentachlorophenol	<u>13%</u>	-	Parathion	-	-
Phenacetin	-	-	Methyl parathion	-	-
Phenanthrene	-	-	Phorate	-	-
Phenol	<u>5%</u>	-			
p-Phenylenediamine	-	-			
Phorate	-	-			
Pronamide	-	-			
Pyrene	<u>1%</u>	-			
Safrole	-	-			
1,2,4,5-Tetrachlorobenzene	-	-			
2,3,4,6-Tetrachlorophenol	-	-			
o-Toluidine	-	-			

Surrogates	% Recovery	Surrogate	Limits
2-Fluorophenol	<u>25</u>	21	- 100
Phenol-d6	<u>35</u>	10	- 94
Nitrobenzene-d5	<u>68</u>	35	- 114
2-Fluorobiphenyl	<u>53</u>	43	- 116
2,4,6-Tribromophenol	<u>70</u>	10	- 123
Terphenyl-d14	<u>78</u>	33	- 141

Notes and Definitions for this Report:

UNITS: %
 EXTRACTED: 02/26/97
 DATE RUN: 03/04/97
 ANALYST: DS
 INSTRUMENT: F
 DIL. FACTOR: *

ND = not detected at detection limit

Received: 02/21/97

Test Methodology

TEST CODE 221CP NAME ICAP METALS SCAN

SOIL: REFERENCE METHOD 6070.

Inductively coupled Plasma Atomic Emission Spectroscopy. Test methods for evaluating solid waste Physical/Chemical Methods, 3rd Edition, SW 846.

WATER: REFERENCE EPA METHOD 200.7. Inductively Coupled Plasma Methods for Chemical Analysis of Water and Wastes. EPA-600/4-79-020.

TEST CODE 504 NAME EDB AND DBEP BY GC

EPA Method 504: 1,2-Dibromoethane (EDB) and 1,2-Dibromo-3-Chloro-Propane (DBPC) in Water by Microextraction and Gas Chromatography.

Re: Method for the Determination of Organic Compounds in Drinking Water. EPA-600/4-88/039, December 1988

TEST CODE 8080 NAME PESTICIDES/PCB

EPA Method: 8080, Organochlorine Pesticides and PCB's

Reference: Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846 (Third Edition) November 1990. Office of Solid Waste, USEPA.

TEST CODE 8150W NAME CHLORINATED HERB. - WATER

EPA METHOD: 8150 Chlorinated Herbicides

REFERENCE: Test Methods for Evaluating Solid Waste, Physical/Chemical Methods. SW 846, Third Edition.

TEST CODE 8260A2 NAME PURGEABLE ORGANICS VOA

Method not available.

TEST CODE 8270A2 NAME A/BN EXTRACTABLES SOIL

Method not available.

TEST CODE CN TOT NAME CYANIDE TOTAL

EPA METHOD: 335.2 for water sample

Reference: Methods for Chemical Analysis of Water and Wastes. EPA 600/4-79-020 (Revised, March 1983). EPA/EMSL.

EPA METHOD: 9010 for soil sample

Reference: Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846 (Third Edition) 1986. Office of Solid Waste, USEPA.

Page 59

TOXIKON CORP.

REPORT

Work Order # 97-02-134

Received: 02/21/97

Test Methodology

TEST CODE HG NAME MERCURY

STORET CODE: 071900

EPA METHOD (COLD VAPOR) 245.1/7471

TEST CODE MEX TW NAME METALS, TOTAL EXT., WATER

REFERENCE: FLAME AA

EPA METHOD 3005. Acid Digestion of Waters for Total Recoverable or Dissolved Metals for Analysis by Flame Atomic Absorption Spectroscopy or Inductively Coupled Plasma Spectroscopy. Test Methods for Evaluating Physical/Chemical Methods. SW 846, 3rd Edition.

GFAA

EPA METHOD 3020. Acid Digestion of Aqueous Samples and Extracts for Total Metals Analysis by GFAA Spectroscopy. SW 846, 3rd Edition.

TEST CODE S FID NAME SULFIDE

EPA METHOD: 376.2

Reference: Methods for Chemical Analysis of Water and Wastes.

EPA 600/4-79-020 (Revised, March 1983). EPA/EMSL.

Leachate f. 6



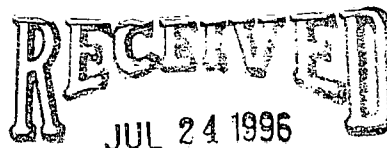
PASCO COUNTY, FLORIDA

DADE CITY (352) 521-4274
LAND O' LAKES (813) 996-7341
NEW PORT RICHEY (813) 847-8145

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

July 23, 1996

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



Department of Environmental Protection
SOUTHWEST DISTRICT
BY _____

RE: West Pasco Class I Sanitary Landfill
Leachate Monitoring
Semester I 1996

AA Dear Ms. Amram:

Enclosed please find the analytical results for the parameters listed in 62-701(8)(c) and 62-701(8)(d) 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.

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

Sincerely,

A handwritten signature in cursive script, reading "Candia E. Mulhern".

Candia E. Mulhern
Laboratory Manager

CEM/as

Enclosure

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, Solid Waste Facility Manager

RECEIVED
JUL 24 1996

Department of Environmental Protection
SOUTHWEST DISTRICT
BY _____

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, State, Zip: Hudson, FL 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, State, Zip: New Port Richey, FL 34654
Telephone Number: (813) 847-8902
- (5) Type of Discharge: Leachate
- (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: 07/22/96

Candia E. Mulhern
Signature of Owner or Authorized Representative

PART II - QUALITY ASSURANCE REQUIREMENTS

Sample Organization Comp QAP #

Analytical Lab Comp QAP #/HRS Certification #8702026; 86418, E86035 Broward Testing Laboratory

Comp QAP #/HRS Certification #910150; E86278 Toxicon Corporation

Lab Name: Broward Testing Laboratory

Address: 4416 NE 11th Ave., Ft. Lauderdale, FL 33334

Phone Number: (216) 449-2525

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030

Test Site ID #: NA

Depart

SOUTHWEST DISTRICT

Report Period:

1996 / 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):

or (MSL): NA

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000620	Nitrate	Well Miz. Ded. Mon. System	No	EPA 353.2	01/25/96 1300	<0.15 mg/L	0.15 mg/L
082079	Turbidity	"	"	SM 2130B	01/11/96 1715	63.6 NTU	0.01 NTU
000940	Chloride	"	"	SM 4500Cl-B	01/12/96 1600	4,960 mg/L	0.15 mg/L
000400	pH-Field	"	"	EPA 150.1	01/11/96 1035	7.28 Std. Units	0.01 Std. Units
070300	Total Dis. Solids	"	"	SM 2540C	01/12/96 1500	14,900 mg/L	1 mg/L
000344	Dissolved Oxygen	"	"	SM 4500 O G	01/11/96 1035	0.74 mg/L	0.01 mg/L
000680	TOC	"	"	EPA 415.1	01/17/96 1000	17.2 mg/L	0.50 mg/L
000410	Bicarbonate	"	"	EPA 310.1	01/12/96 1400	60.1 mg/L	1 mg/L
000095	Specific Cond. (Field)	"	"	SM 2510B	01/11/96 1035	11,712 μ mhos/cm	0.00 μ mhos/cm
000010	Temperature (Field)	"	"	SM 2550B	01/11/96 1035	18.67 °C	0 °C
000610	Ammonia	"	"	EPA 350.1	01/18/96 1600	7.50 mg/L	0.15 mg/L
000945	Sulfate	"	"	EPA 375.4	01/23/96 1400	702 mg/L	1 mg/L
000556	Oil & Grease	"	"	SM 5520B	01/17/96 1600	<3 mg/L	3 mg/L
000600	TON	"	"	EPA 350.1	01/18/96 1600	1.35 mg/L	0.07 mg/L
001034	Chromium	"	"	EPA 218.2	01/22/96 0945	0.0016 mg/L	0.0010 mg/L
001051	Lead	"	"	EPA 239.2	01/22/96 1200	<0.0010 mg/L	0.0010 mg/L

*Attach Laboratory Reports

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030

Sampling Date/Time: 01/11/96 @ 1035

Test Site ID #: NA

Report Period: 1996 / 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):

or (MSL): NA

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000600	Total Nitrogen	Well Wiz. Ded. Mon. System	No	CALC	01/31/96 1730	8.85 mg/L	0.15 mg/L
001042	Copper	"	"	EPA 220.2	01/23/96 0830	0.04 mg/L	0.001 mg/L
001147	Selenium	"	"	EPA 270.2	01/22/96 1450	<0.0010 mg/L	0.001 mg/L
001027	Cadmium	"	"	EPA 213.2	01/22/96 1550	<0.0005 mg/L	0.0005 mg/L
001045	Iron	"	"	EPA 236.2	01/23/96 0900	0.28 mg/L	0.001 mg/L
000929	Sodium	"	"	EPA 273.1	01/23/96 1525	930 mg/L	0.01 mg/L
001002	Arsenic	"	"	EPA 206.2	01/22/96 1340	0.0057 mg/L	0.001 mg/L
071900	Mercury	"	"	EPA 245.1	01/19/96 1450	0.0007 mg/L	0.0005 mg/L
001012	Beryllium	"	"	EPA 210.2	01/22/96 1700	<0.0005 mg/L	0.0005 mg/L
000916	Calcium	"	"	EPA 215.1	01/23/96 1430	2,500 mg/L	0.1 mg/L
000927	Magnesium	"	"	EPA 242.1	01/23/96 1450	4.00 mg/L	0.005 mg/L
001055	Manganese	"	"	EPA 243.1	01/23/96 0830	0.06 mg/L	0.03 mg/L
001067	Nickel	"	"	EPA 249.1	01/23/96 0845	0.16 mg/L	0.07 mg/L
001077	Silver	"	"	EPA 272.2	01/22/96 1620	<0.0002 mg/L	0.0005 mg/L
001059	Thallium	"	"	EPA 279.2	01/22/96 1300	<0.0010 mg/L	0.001 mg/L
001097	Antimony	"	"	EPA 204.2	01/22/96 1100	0.026 mg/L	0.003 mg/L

*Attach Laboratory Reports

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030 Sampling Date/Time: 01/11/96 @ 1035
Test Site ID #: NA Report Period: 1996 / Quarter I
(year/quarter)
Well Name: A-1 Primary Tank Leachate Well Purged (Y/N): YES
Classification of Groundwater: NA Well Type: () Background
() Intermediate
Groundwater Elevation (NGVD): _____ () Compliance
() Other
or (MSL): NA

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
001092	Zinc	Well Miz. Ded. Mon. System	No	EPA 289.1	01/23/96 0900	0.03 mg/L	0.005 mg/L
000612	NH ₄ -N	"	"	DEP SOP 10/03/83	01/24/96 1730	0.064 mg/L	0.02 mg/L
078155	TOX	"	"	EPA 9020	01/22/96 1244	<0.05 mg/L	0.50 mg/L
900180	Phenols	"	"	EPA 420.1	01/22/96 1244	<0.010 mg/L	0.010 mg/L

*Attach Laboratory Reports

PART III - ANALYTICAL RESULTS

Facility GMS #: _____

Sampling Date/Time: 02/08/96 11 :20

Test Site ID #: _____

Report Period: _____
(Year/Quarter)

WELL NAME: A-1-PRIMARY

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)			EPA 170.1		degree,C	degree,C
00400	pH (field)			EPA 150.1		Std.Units	Std.Units
	Water Level Elev.			NA		Ft. NGVD	Ft. NGVD
00094	Specific Cond. (field)			EPA 120.1		μmhos/cm	μmhos/cm
01095	Antimony			EPA 204.2	02/28/96	0.178	0.100
01000	Arsenic			EPA 206.2	02/22/96	0.009	0.005
01005	Barium			EPA 208.2	02/22/96	ND	0.250
01010	Beryllium			EPA210.2	02/22/96	ND	0.010
01025	Cadmium			EPA 213.2	02/22/96	ND	0.010
01030	Chromium			EPA 218.2	02/22/96	ND	0.010
01035	Cobalt			EPA 219.2	02/22/96	ND	0.005
01040	Copper			EPA 220.1	02/22/96	ND	0.050
01049	Lead			EPA 239.2	02/22/96	ND	0.005
01065	Nickel			EPA 249.1	02/22/96	ND	0.050
01145	Selenium			EPA 270.2	02/22/96	ND	0.010
01075	Silver			EPA 272.2	02/22/96	ND	0.005
01057	Thallium			EPA 279.2	02/27/96	ND	0.005
01085	Vanadium			EPA 286.2	02/22/96	0.070	0.025
71890	Mercury			EPA 245.1	02/22/96	0.0027	0.0002
01100	Tin			EPA 200.7	02/21/96	ND	0.300
01090	Zinc			EPA 289.1	02/22/96	ND	0.050
00723	Cyanide			EPA 335.2	02/21/96	ND	0.010

* Attach Laboratory Reports

PART III - ANALYTICAL RESULTS (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units ($\mu\text{g/l}$)	Detection Limits/ Units ($\mu\text{g/l}$)
81552	Acetone			EPA 8260A	02/19/96	16	1.00
34215	Acrylonitrile			EPA 8260A	02/19/96	ND	5.00
34235	Benzene			EPA 8260A	02/19/96	ND	1.00
N/A	Bromochloromethane			EPA 8260A	02/19/96	ND	1.00
32101	Bromodichloromethane			EPA 8260A	02/19/96	ND	1.00
32104	Bromoform			EPA 8260A	02/19/96	ND	2.00
77041	Carbon disulfide			EPA 8260A	02/19/96	ND	1.00
32102	Carbon tetrachloride			EPA 8260A	02/19/96	ND	1.00
34301	Chlorobenzene			EPA 8260A	02/19/96	ND	1.00
34311	Chloroethane			EPA 8260A	02/19/96	ND	1.00
32106	Chloroform			EPA 8260A	02/19/96	ND	1.00
32105	Dibromochloromethane			EPA 8260A	02/19/96	ND	1.00
38761	1,2-Dibromo-3-chloropropane			EPA 8260A	02/19/96	ND	1.00
77651	1,2-Dibromoethane			EPA 8260A	02/19/96	ND	1.00
34537	o-Dichlorobenzene			EPA 8260A	02/19/96	ND	2.00
34571	p-Dichlorobenzene			EPA 8260A	02/19/96	ND	2.00
49263	Trans-1,4-Dichloro-2-butene			EPA 8260A	02/19/96	ND	1.00
34496	1,1-Dichloroethane			EPA 8260A	02/19/96	ND	2.00
32103	1,2-Dichloroethane			EPA 8260A	02/19/96	ND	2.00
34502	1,1-Dichloroethene			EPA 8260A	02/19/96	ND	1.00
81686	cis-1,2-Dichloroethene			EPA 8260A	02/19/96	ND	2.00
34546	trans-1,2-Dichloroethene			EPA 8260A	02/19/96	ND	1.00
34541	1,2-Dichloropropane			EPA 8260A	02/19/96	ND	1.00
34704	cis-1,3-Dichloropropene			EPA 8260A	02/19/96	ND	1.00
34699	trans-1,3-Dichloropropene			EPA 8260A	02/19/96	ND	1.00
78113	Ethylbenzene			EPA 8260A	02/19/96	ND	1.00
77103	2-Hexanone			EPA 8260A	02/19/96	ND	1.00
34413	Methyl bromide			EPA 8260A	02/19/96	ND	1.00

* Attach Laboratory Reports

PART III - ANALYTICAL RESULTS (Continued)

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	02/19/96	ND	1.00
77596	Methylene bromide			EPA 8260A	02/19/96	ND	2.00
34423	Methylene chloride			EPA 8260A	02/19/96	ND	2.00
81595	Methyl ethyl ketone			EPA 8260A	02/19/96	ND	1.00
49262	Methyl iodide			EPA 8260A	02/19/96	ND	2.00
78133	4-Methyl-2-pentanone			EPA 8260A	02/19/96	ND	1.00
77128	Styrene			EPA 8260A	02/19/96	ND	1.00
77562	1,1,1,2-Tetrachloroethane			EPA 8260A	02/19/96	ND	1.00
34516	1,1,2,2-Tetrachloroethane			EPA 8260A	02/19/96	ND	2.00
34476	Tetrachloroethene			EPA 8260A	02/19/96	ND	1.00
78131	Toluene			EPA 8260A	02/19/96	ND	1.00
34506	1,1,1-Trichloroethane			EPA 8260A	02/19/96	ND	2.00
34511	1,1,2-Trichloroethane			EPA 8260A	02/19/96	ND	1.00
34485	Trichloroethene			EPA 8260A	02/19/96	ND	1.00
34488	Trichlorofluoromethane			EPA 8260A	02/19/96	ND	1.00
77443	1,2,3-Trichloropropane			EPA 8260A	02/19/96	ND	2.00
77057	Vinyl acetate			EPA 8260A	02/19/96	ND	2.00
39175	Vinyl chloride			EPA 8260A	02/19/96	ND	1.00
81551	Xylenes			EPA 8260A	02/19/96	ND	2.00

* Attach Laboratory Reports

PART III - ANALYTICAL RESULTS (Continued)

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	02/19/96	ND	5.00
34200	Acenaphthylene			EPA 8270A	02/19/96	ND	5.00
N/A	Acetonitrile			EPA 8260A	02/19/96	ND	100
81553	Acetophenone			EPA 8270A	02/19/96	ND	10.0
N/A	2-Acetylaminofluorene			EPA 8270A	02/19/96	ND	10.0
34210	Acrolein			EPA 8260A	02/19/96	ND	15.0
39330	Aldrin			EPA 8270A	02/19/96	ND	10.0
78109	Allyl chloride			EPA 8260A	02/19/96	ND	5.00
N/A	4-Aminobiphenyl			EPA 8270A	02/19/96	ND	10.0
34220	Anthracene			EPA 8270A	02/19/96	ND	5.00
34527	Benzo(a)anthracene			EPA 8270A	02/19/96	ND	5.00
34230	Benzo(b)fluoranthene			EPA 8270A	02/19/96	ND	5.00
34242	Benzo(k)fluoranthene			EPA 8270A	02/19/96	ND	5.00
34522	Benzo(ghi)perylene			EPA 8270A	02/19/96	ND	5.00
34247	Benzo(a)pyrene			EPA 8270A	02/19/96	ND	5.00
77147	Benzyl alcohol			EPA 8270A	02/19/96	ND	25.0
39337	alpha-BHC			EPA 8270A	02/19/96	ND	10.0
39338	beta-BHC			EPA 8270A	02/19/96	ND	10.0
34259	delta-BHC			EPA 8270A	02/19/96	ND	10.0
39340	gamma-BHC			EPA 8270A	02/19/96	ND	10.0
34278	Bis(2-chloroethoxy)methane			EPA 8270A	02/19/96	ND	10.0
34273	Bis(2-chloroethyl)ether			EPA 8270A	02/19/96	ND	10.0
34284	Bis(2-chloroisopropyl)ether			EPA 8270A	02/19/96	ND	10.0
39100	Bis(2-ethylhexyl)phthalate			EPA 8270A	02/19/96	ND	5.00
34636	4-Bromophenyl phenyl ether			EPA 8270A	02/19/96	ND	10.0
51003	Butyl benzyl phthalate			EPA 8270A	02/19/96	ND	10.0
39350	Chlordane			EPA 8270A	02/19/96	ND	0.010
60037	p-Chloroaniline			EPA 8270A	02/19/96	ND	10.0
39460	Chlorobenzilate			EPA 8270A	02/19/96	ND	10.0

* Attach Laboratory Reports

PART III - ANALYTICAL RESULTS (Continued)

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	02/19/96	ND	10.0
34581	2-Chloronaphthalene			EPA 8270A	02/19/96	ND	10.0
34586	2-Chlorophenol			EPA 8270A	02/19/96	ND	10.0
34641	4-Chlorophenyl phenyl ether			EPA 8270A	02/19/96	ND	10.0
34320	Chrysene			EPA 8270A	02/19/96	ND	5.00
N/A	3-Methylphenol			EPA 8270A	02/19/96	ND	10.0
77152	2-Methylphenol			EPA 8270A	02/19/96	ND	10.0
N/A	4-Methylphenol			EPA 8270A	02/19/96	ND	10.0
39730	2,4-D			EPA 8150W	02/15/96	ND	0.5
39361	4,4'-DDD			EPA 8270A	02/19/96	ND	10.0
39366	4,4'-DDE			EPA 8270A	02/19/96	ND	10.0
39371	4,4'-DDT			EPA 8270A	02/19/96	ND	10.0
N/A	Diallate			EPA 8270A	02/19/96	ND	25.0
51004	Dibenzo(a,h)anthracene			EPA 8270A	02/19/96	ND	5.00
81302	Dibenzofuran			EPA 8270A	02/19/96	ND	10.0
39110	Di-n-butyl phthalate			EPA 8270A	02/19/96	ND	10.0
34631	3,3'-Dichlorobenzidine			EPA 8270A	02/19/96	ND	10.0
34601	2,4-Dichlorophenol			EPA 8270A	02/19/96	ND	10.0
77541	2,6-Dichlorophenol			EPA 8270A	02/19/96	ND	10.0
39380	Dieldrin			EPA 8270A	02/19/96	ND	10.0
34336	Diethyl phthalate			EPA 8270A	02/19/96	ND	10.0
N/A	0,0-Diethyl 0,2-pyrazinyl phosphorothioate			EPA 8270A	02/19/96	ND	10.0
46314	Dimethoate			EPA 8270A	02/19/96	ND	10.0
N/A	p-(Dimethylamino)azobenzene			EPA 8270A	02/19/96	ND	10.0
N/A	7,12-Dimethylbenz(a)anthracene			EPA 8270A	02/19/96	ND	10.0
N/A	3,3'-Dimethylbenzidine			EPA 8270A	02/19/96	ND	10.0
34606	2,4-Dimethylphenol			EPA 8270A	02/19/96	ND	10.0
34341	Dimethyl phthalate			EPA 8270A	02/19/96	ND	10.0
N/A	m-Dinitrobenzene			EPA 8270A	02/19/96	ND	10.0

* Attach Laboratory Reports

PART III - ANALYTICAL RESULTS (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units ($\mu\text{g/l}$)	Detection Limits/ Units ($\mu\text{g/l}$)
51008	4,6-Dinitro-o-cresol			EPA 8270A	02/19/96	ND	25.0
34616	2,4-Dinitrophenol			EPA 8270A	02/19/96	ND	25.0
34611	2,4-Dinitrotoluene			EPA 8270A	02/19/96	ND	10.0
34626	2,6-Dinitrotoluene			EPA 8270A	02/19/96	ND	10.00
38779	Dinoseb			EPA 8150W	02/15/96	ND	0.5
34597	Di-n-octyl phthalate			EPA 8270A	02/19/96	ND	10.0
77579	Diphenylamine			EPA 8270A	02/19/96	ND	10.0
81888	Disulfoton			EPA 8141	02/19/96	ND	1.00
34361	Endosulfan I			EPA 8270A	02/19/96	ND	10.0
34356	Endosulfan II			EPA 8270A	02/19/96	ND	10.0
34351	Endosulfan sulfate			EPA 8270A	02/19/96	ND	10.0
39390	Endrin			EPA 8270A	02/19/96	ND	10.0
34366	Endrin aldehyde			EPA 8270A	02/19/96	ND	10.0
N/A	Ethyl methanesulfonate			EPA 8270A	02/19/96	ND	10.0
38462	Famphur			EPA 8270A	02/19/96	ND	10.0
34376	Fluoranthene			EPA 8270A	02/19/96	ND	5.00
34381	Fluorene			EPA 8270A	02/19/96	ND	5.00
39410	Heptochlor			EPA 8270A	02/19/96	ND	50.0
39420	Heptochlor epoxide			EPA 8270A	02/19/96	ND	10.0
39700	Hexachlorobenzene			EPA 8270A	02/19/96	ND	10.0
34391	Hexachlorobutadiene			EPA 8270A	02/19/96	ND	10.0
34386	Hexachlorocyclopentadiene			EPA 8270A	02/19/96	ND	10.0
34396	Hexachloroethane			EPA 8270A	02/19/96	ND	10.0
N/A	Hexachloropropene			EPA 8270A	02/19/96	ND	10.0
77033	Isobutyl alcohol			EPA 8260A	02/19/96	ND	5.00
39430	Isodrin			EPA 8270A	02/19/96	ND	10.0
34408	Isophorone			EPA 8270A	02/19/96	ND	10.0
N/A	Isosafrole			EPA 8270A	02/19/96	ND	10.0
81593	Methacrylonitrile			EPA 8260A	02/19/96	ND	2.00

* Attach Laboratory Reports

PART III - ANALYTICAL RESULTS (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units ($\mu\text{g/l}$)	Detection Limits/ Units ($\mu\text{g/l}$)
N/A	Methapyrilene			EPA 8270A	02/19/96	ND	10.0
39480	Methoxychlor			EPA 8270A	02/19/96	ND	10.0
N/A	3-Methylcholanthrene			EPA 8270A	02/19/96	ND	10.0
81597	Methyl methacrylate			EPA 8260A	02/19/96	ND	2.00
N/A	Methyl methanesulfonate			EPA 8270A	02/19/96	ND	10.0
77416	2-Methylnaphthalene			EPA 8270A	02/19/96	ND	5.00
39600	Methyl parathion			EPA 8270A	02/19/96	ND	10.0
34696	Naphthalene			EPA 8270A	02/19/96	ND	5.00
N/A	1,4-Naphthoquinone			EPA 8270A	02/19/96	ND	10.0
N/A	1-Naphthylamine			EPA 8270A	02/19/96	ND	10.0
N/A	2-Naphthylamine			EPA 8270A	02/19/96	ND	10.0
N/A	2-Nitroaniline			EPA 8270A	02/19/96	ND	10.0
78300	3-Nitroaniline			EPA 8270A	02/19/96	ND	10.0
30342	4-Nitroaniline			EPA 8270A	02/19/96	ND	10.0
34447	Nitrobenzene			EPA 8270A	02/19/96	ND	10.0
34591	2-Nitrophenol			EPA 8270A	02/19/96	ND	10.0
34646	4-Nitrophenol			EPA 8270A	02/19/96	ND	10.0
N/A	n-Nitrosodi-n-butylamine			EPA 8270A	02/19/96	ND	10.0
78200	n-Nitrosodiethylamine			EPA 8270A	02/19/96	ND	10.0
34438	n-Nitrosodimethylamine			EPA 8270A	02/19/96	ND	10.0
34433	n-Nitrosodiphenylamine			EPA 8270A	02/19/96	ND	10.0
34429	n-Nitroso-n-dipropylamine			EPA 8270A	02/19/96	ND	10.0
N/A	n-Nitrosomethylethylamine			EPA 8270A	02/19/96	ND	10.0
N/A	n-Nitrosopiperidine			EPA 8270A	02/19/96	ND	10.0
78206	n-Nitrosopyrrolidine			EPA 8270A	02/19/96	ND	10.0
N/A	5-Nitro-o-toluidine			EPA 8270A	02/19/96	ND	10.0
39540	Parathion			EPA 8141	02/19/96	ND	0.500
77793	Pentachlorobenzene			EPA 8270A	02/19/96	ND	10.0
81316	Pentachloronitrobenzene			EPA 8270A	02/19/96	ND	10.0

* Attach Laboratory Reports

PART III - ANALYTICAL RESULTS (Continued)

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	02/19/96	ND	10.0
N/A	Phenacetin			EPA 8270A	02/19/96	ND	10.0
34461	Phenanthrene			EPA 8270A	02/19/96	ND	5.00
32730	Phenol			EPA 8270A	02/19/96	ND	10.0
N/A	p-Phenylenediamine			EPA 8270A	02/19/96	ND	10.0
46313	Phorate			EPA 8270A	02/19/96	ND	10.0
39516	PCBs			EPA 8270A	02/19/96	ND	200
39080	Pronamide			EPA 8270A	02/19/96	ND	10.0
77007	Propionitrile			EPA 8260A	02/19/96	ND	1.00
34469	Pyrene			EPA 8270A	02/19/96	ND	5.00
77545	Safrole			EPA 8270A	02/19/96	ND	10.0
39760	Silvex			EPA 8150W	02/15/96	ND	0.5
81520	Chloroprene			EPA 8260A	02/19/96	ND	2.00
00746	Sulfide			EPA 376.1	02/13/96	ND	0.10
39740	2,4,5-T			EPA 8150	02/15/96	ND	0.5
77734	Tetrachlorobenzene			EPA 8270A	02/19/96	ND	10.0
N/A	Tetrachlorophenol			EPA 8270A	02/19/96	ND	10.0
77142	o-Toluidine			EPA 8270A	02/19/96	ND	10.0
39401	Toxaphene			EPA 8270A	02/19/96	ND	10.0
34551	1,2,4-Trichlorobenzene			EPA 8270A	02/19/96	ND	10.0
77687	2,4,5-Trichlorophenol			EPA 8270A	02/19/96	ND	10.0
34621	2,4,6-Trichlorophenol			EPA 8270A	02/19/96	ND	10.0
N/A	Triethyl phosphorothioate			EPA 8270A	02/19/96	ND	10.0
N/A	1,3,5-Trinitrobenzene			EPA 8270A	02/19/96	ND	10.0
77173	1,3-Dichloropropane			EPA 8260A	02/19/96	ND	1.00
77170	2,2-Dichloropropane			EPA 8260A	02/19/96	ND	2.00
77168	1,1-Dichloropropene			EPA 8260A	02/19/96	ND	1.00
34566	1,3-Dichlorobenzene			EPA 8260A	02/19/96	ND	2.00

* Attach Laboratory Reports

* Attach Laboratory Reports



BROWARD TESTING LABORATORY, INC.

4416 N.E. 11TH AVE., FORT LAUDERDALE, FLORIDA 33334



Date: 02/14/96 Report #: 7020175 Laboratory ID #: 86418

Client: PASCO COUNTY UTILITIES

ATTN: CANDY MULHERN

8864 GOVERNMENT DR.

NEW PORT RICHEY, FL 34654-

Date Collected: 02/08/96

Time Collected: 11:20

SOURCE: RESOURCE RECOVERY LEACHATE

A-1-PRIMARY

pH=7.32

Date received at lab: 02/09/96

Time received at lab: 10:55

Collected by : CC

ENVIRONMENTAL LABORATORY CERTIFICATION NUMBER 86035 LABORATORY PARAMETER ANALYSIS REPORT

Analysis Performed	Method	Analysis Result (mg/l)	Anal Date
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ALL PARAMETERS WERE SUBCONTRACTED TO TOXICON LAB. SEE ATTACHED.

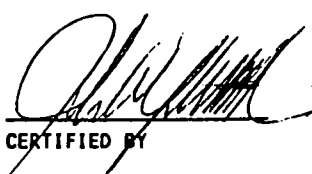
Gary Meyer, Lab Director

Received: 02/12/96

03/12/96 09:30:24

REPORT NATIONAL TESTING LABORATORY
TO 6555 WILSON MILLS ROAD
CLEVELAND, OHIO 44143
1(800)458-3330 F(216)449-8585
ATTEN SUSAN HENDERSON

PREPARED TOXIKOM WEST PALM BEACH
BY 1860 OLD OKEECHOBEE RD. #401
WEST PALM BEACH, FL 33409
HRS #E86278 QA# 910150G
ATTEN JOHN YAREMCHUK
PHONE (407) 478-4803 FAX 478-0214

CERTIFIED BY CONTACT JOHN

CLIENT NTL SAMPLES 7
COMPANY NATIONAL TESTING LABORATORY
FACILITY 6555 WILSON MILLS ROAD
CLEVELAND, OHIO 44143

WORK ID 7020173-0176TAKEN 02/08/96TRANS COURIERTYPE LIQUID

P.O. # _____

INV. # 2905Previously Reported on 03/07/96.First Reported on 03/05/96.

SAMPLE IDENTIFICATION

01 7020173
02 7020174
03 7020175 *A1-Primary*
04 7020176
05 METHOD BLANK
06 MEAN % RECOVERY
07 RPD

TEST CODES and NAMES used on this workorder

8141 ORGANOPHOSPHORUS PESTICIDE
8150W CHLORINATED HERB. - WATER
8260A2 PURGEABLE ORGANICS VOA
8270A2 A/BN EXTRACTABLES SOIL
AG SILVER
AS ARSENIC
BA BARIUM
BE BERYLLIUM
CD CADMIUM
CN TOT CYANIDE TOTAL
CO COBALT
CR CHROMIUM
CU COPPER
HG MERCURY
MEX TW METALS, TOTAL EXT., WATER
NI NICKEL
PB LEAD
SB ANTIMONY
SE SELENIUM
S FID SULFIDE
TL THALLIUM
V VANADIUM
ZN Zinc

Received: 02/12/96

Results by Sample

SAMPLE ID <u>7020175</u>			SAMPLE # <u>03</u> FRACTIONS: <u>A</u>		
			Date & Time Collected <u>02/08/96 11:20:00</u> Category <u>LIQUID</u>		
AG	ND	AS	0.009	BA	ND
mg/L DL=0.005		mg/L DL=0.005		mg/L DL=0.250	
BE	ND	CD	ND	CN_TOT	ND
mg/L DL=0.010		mg/L DL=0.010		mg/L DL=0.010	
CO	ND	CR	ND	CU	ND
mg/L DL=0.005		mg/L DL=0.010		mg/L DL=0.050	
HG	0.0027	MI	ND	PB	ND
mg/L DL=0.0002		mg/L DL=0.050		mg/L DL=0.005	
SB	0.178	SE	ND	S_FID	ND
mg/L DL=0.100		mg/L DL=0.010		mg/L DL=0.10	
TL	ND	V	0.070	ZN	ND
mg/L DL=0.005		mg/L DL=0.025		mg/L DL=0.050	

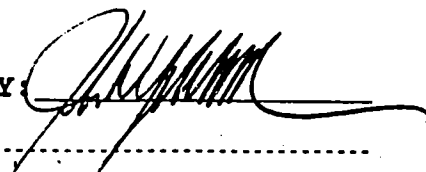
HRS# E86278-ENVIRONMENTAL
86396-DRINKING WATER

Page 1 of 1

NATIONAL TESTING LABORATORY
6555 Wilson Mills Road
Cleveland, Ohio 44143

REPORT DATE: 05/02/96
WORK ORDER# 96-02-089

Attn: Ms. S. Henderson

CERTIFIED BY: 

PROJECT ID: 7020173

SAMPLE ID: SW-PRIMARY

Parameter	Method	Result	Units	Detection Limit	Date Analyzed	Analyst
Tin	EPA 200.7	<0.300	mg/L	0.300	02/21/96	BED
Chlordane	EPA 8270A	<0.010	mg/L	0.010	02/19/96	HB

PROJECT ID: 7020174

SAMPLE ID: SW-SECONDARY

Parameter	Method	Result	Units	Detection Limit	Date Analyzed	Analyst
Tin	EPA 200.7	<0.300	mg/L	0.300	02/21/96	BED
Chlordane	EPA 8270A	<0.010	mg/L	0.010	02/19/96	HB

PROJECT ID: 7020175

SAMPLE ID: A-1 PRIMARY

Parameter	Method	Result	Units	Detection Limit	Date Analyzed	Analyst
Tin	EPA 200.7	<0.300	mg/L	0.300	02/21/96	BED
Chlordane	EPA 8270A	<0.010	mg/L	0.010	02/19/96	HB

PROJECT ID: 7020176

SAMPLE ID: A-1 SECONDARY

Parameter	Method	Result	Units	Detection Limit	Date Analyzed	Analyst
Tin	EPA 200.7	<0.300	mg/L	0.300	02/21/96	BED
Chlordane	EPA 8270A	<0.010	mg/L	0.010	02/19/96	HB

QC Tin: Method Blank <0.300 mg/L
Mean % Recovery 88.2%

PAGE 4

NTL #	ANALYTE	DATE	ANALYST
7020074	AG	02/09/96	NRW
	AS	02/08/96	NRW
	BA	02/14/96	NRW
	BE	02/12/96	NRW
	CD	02/14/96	NRW
	CO	02/12/96	NRW
	CR	02/08/96	NRW
	CU	02/09/96	IE
	NI	02/08/96	IE
	PB	02/09/96	NRW
	SB	02/12/96	NRW
	SE	02/08/96	NRW
	TL	02/12/96	NRW
	V	02/12/96	NRW
	ZN	02/08/96	IE

(CYANIDE TO BE RESAMPLED)

7020173,	AG	02/22/96	NRW
7020175,	AS	02/22/96	NRW
7020176	BA	02/22/96	NRW
	BE	02/22/96	NRW
	CD	02/22/96	NRW
	CN_TOT	02/21/96	EF
	CO	02/22/96	NRW
	CR	02/22/96	NRW
	CU	02/22/96	IE
	HG	02/22/96	CW
	NI	02/22/96	IE
	PB	02/22/96	NRW
	SB	02/28/96	NRW
	SE	02/22/96	NRW
	S_FID	02/13/96	MO
	SN	02/21/96	BED
	TL	02/27/96	NRW
	V	02/22/96	NRW
	ZN	02/22/96	IE

Received: 02/12/96

Results by Sample

SAMPLE ID 7020175 AI-Primary FRACTION 03A TEST CODE 8141 NAME ORGANOPHOSPHORUS PESTICIDE
Date & Time Collected 02/08/96 11:20:00 Category LIQUID

EPA 8141 - ORGANOPHOSPHORUS PESTICIDES

	DETECTION	
Azinphos methyl	ND	1.00T
Bolstar	ND	1.00
Chlorpyrifos	ND	2.50
Coumaphos	ND	1.00
Demeton-o	ND	1.00
Demeton-s	ND	1.00
Diazinon	ND	2.50
Dichlorovos	ND	1.00
Dimethoate	ND	1.00
Disulfoton	ND	1.00
EPN	ND	1.00
Ethoprop	ND	2.50
Fensulfothion	ND	1.00
Fenthion	ND	1.00
Malathion	ND	1.00
Merphos	ND	1.00
Mevinphos	ND	1.00
Naled	ND	1.00
Parathion	ND	0.500
Methyl parathion	ND	0.500
Phorate	ND	1.00
Ronnel	ND	1.00
Sulfotep	ND	1.00
Tetrachlorvinphos	ND	1.00
TEPP	ND	1.00
Tokuthion	ND	1.00
Trichloronate	ND	1.00

Surrogates	% Recovery	Surrogate Limits
1,3-DMNB	<u>44</u>	40 - 120

Notes and Definitions for this Report:

EXTRACTED: 02/15/96
DATE RUN: 02/19/96
ANALYST: HB
INSTRUMENT: GC
DIL. FACTOR: 1
UNITS: ug/L

ND = not detected at detection limit

Page 16
Received: 02/12/96

TOXIKOM CORP. REPORT
Results by Sample

Work Order # 96-02-089

SAMPLE ID 7020175 FRACTION 03A TEST CODE 8150W NAME CHLORINATED HERB. - WATER
Date & Time Collected 02/08/96 11:20:00 Category LIQUID

	RESULT	LIMIT	UNITS = ug/L
2,4-DB	<u>ND</u>	<u>0.5</u>	
2,4-D	<u>ND</u>	<u>0.5</u>	
2,4,5-T	<u>ND</u>	<u>0.5</u>	
Silvex (2,4,5-TP)	<u>ND</u>	<u>0.5</u>	
Dinoseb (DNBP)	<u>ND</u>	<u>0.5</u>	
Dalapon	<u>ND</u>	<u>0.5</u>	
Dicamba	<u>ND</u>	<u>0.5</u>	
Dichlorprop	<u>ND</u>	<u>0.5</u>	
MCPA	<u>ND</u>	<u>50</u>	
MCPP	<u>ND</u>	<u>50</u>	

Notes and Definitions for this Report:

EXTRACTED: 02/14/96
DATE RUN: 02/15/96
ANALYST: BR
INSTRUMENT: HP-2
DIL. FACTOR: 1

ND = not detected at detection limit

Received: 02/12/96

Results by Sample

SAMPLE ID 7020175FRACTION 03ATEST CODE 8260A2NAME PURGEABLE ORGANICS VOADate & Time Collected 02/08/96 11:20:00Category LIQUID**EPA 8260A PURGEABLE ORGANICS**

	RESULT	LIMIT		RESULT	LIMIT
Acetone	<u>16</u>	<u>1.00</u>			
Acetonitrile	<u>ND</u>	<u>100</u>	Ethylbenzene	<u>ND</u>	<u>1.00</u>
Acrolein	<u>ND</u>	<u>15.0</u>	Ethyl methacrylate	<u>ND</u>	<u>2.00</u>
Acrylonitrile	<u>ND</u>	<u>5.00</u>	2-Hexanone	<u>ND</u>	<u>1.00</u>
Allyl chloride	<u>ND</u>	<u>5.00</u>	Isobutyl alcohol	<u>ND</u>	<u>5.00</u>
Benzene	<u>ND</u>	<u>1.00</u>	Methacrylonitrile	<u>ND</u>	<u>2.00</u>
Bromochloromethane	<u>ND</u>	<u>1.00</u>	Methyl bromide	<u>ND</u>	<u>1.00</u>
Bromodichloromethane	<u>ND</u>	<u>1.00</u>	Methyl chloride	<u>ND</u>	<u>1.00</u>
Bromoform	<u>ND</u>	<u>2.00</u>	Methylene bromide	<u>ND</u>	<u>2.00</u>
Carbon disulfide	<u>ND</u>	<u>1.00</u>	Methylene chloride	<u>ND</u>	<u>2.00</u>
Carbon tetrachloride	<u>ND</u>	<u>1.00</u>	Methyl ethyl ketone	<u>ND</u>	<u>1.00</u>
Chlorobenzene	<u>ND</u>	<u>1.00</u>	Methyl iodide	<u>ND</u>	<u>2.00</u>
Chloroethane	<u>ND</u>	<u>1.00</u>	Methyl methacrylate	<u>ND</u>	<u>2.00</u>
Chloroform	<u>ND</u>	<u>1.00</u>	4-Methyl-2-pentanone	<u>ND</u>	<u>1.00</u>
Chloroprene	<u>ND</u>	<u>2.00</u>	Propionitrile	<u>ND</u>	<u>1.00</u>
Dibromochloromethane	<u>ND</u>	<u>1.00</u>	Styrene	<u>ND</u>	<u>1.00</u>
1,2-Dichlorobenzene	<u>ND</u>	<u>2.00</u>	1,1,1,2-Tetrachloroethane	<u>ND</u>	<u>1.00</u>
1,3-Dichlorobenzene	<u>ND</u>	<u>2.00</u>	1,1,2,2-Tetrachloroethane	<u>ND</u>	<u>2.00</u>
1,4-Dichlorobenzene	<u>ND</u>	<u>2.00</u>	Tetrachloroethene	<u>ND</u>	<u>1.00</u>
trans-1,4-Dichloro-2-butene	<u>ND</u>	<u>1.00</u>	Toluene	<u>ND</u>	<u>1.00</u>
Dichlorodifluoromethane	<u>ND</u>	<u>1.00</u>	1,1,1-Trichloroethane	<u>ND</u>	<u>2.00</u>
1,1-Dichloroethane	<u>ND</u>	<u>2.00</u>	1,1,2-Trichloroethane	<u>ND</u>	<u>1.00</u>
1,2-Dichloroethane	<u>ND</u>	<u>2.00</u>	Trichloroethene	<u>ND</u>	<u>1.00</u>
1,1-Dichloroethene	<u>ND</u>	<u>1.00</u>	Trichlorofluoromethane	<u>ND</u>	<u>1.00</u>
cis-1,2-Dichloroethene	<u>ND</u>	<u>2.00</u>	1,2,3-Trichloropropane	<u>ND</u>	<u>2.00</u>
trans-1,2-Dichloroethene	<u>ND</u>	<u>1.00</u>	Vinyl acetate	<u>ND</u>	<u>2.00</u>
1,2-Dichloropropane	<u>ND</u>	<u>1.00</u>	Vinyl chloride	<u>ND</u>	<u>1.00</u>
1,3-Dichloropropane	<u>ND</u>	<u>1.00</u>	Total xylenes	<u>ND</u>	<u>2.00</u>
2,2-Dichloropropane	<u>ND</u>	<u>2.00</u>	1,2-Dibromo3-chloropropane	<u>ND</u>	<u>1.00</u>
1,1-Dichloropropene	<u>ND</u>	<u>2.00</u>	1,2-Dibromomethane	<u>ND</u>	<u>1.00</u>
cis-1,3-Dichloropropene	<u>ND</u>	<u>1.00</u>			
trans-1,3-Dichloropropene	<u>ND</u>	<u>1.00</u>			

Surrogates	% Recovery	Surrogate Limits
Dibromofluoromethane	<u>97</u>	<u>75</u> - <u>135</u>
Toluene-d8	<u>94</u>	<u>64</u> - <u>142</u>
Bromofluorobenzene	<u>89</u>	<u>79</u> - <u>112</u>

Notes and Definitions for this Report:

DATE RUN: 02/19/96ANALYST: HBINSTRUMENT: GC/MSDIL. FACTOR: 1

COMMENTS: _____

UNITS: ug/L

ND = not detected at detection limit

Received: 02/12/96

Results by Sample

SAMPLE ID 7020175FRACTION Q3A TEST CODE 8270A2 NAME A/BM EXTRACTABLES SOILDate & Time Collected 02/08/96 11:20:00Category LIQUID**EPA METHOD 8270A**

ANALYTE	RESULT	LIMIT	ANALYTE	RESULT	LIMIT
Acenaphthene	ND	5.00	3,3'-Dimethylbenzidine	ND	10.0
Acenaphthylene	ND	5.00	2,4-Dimethylphenol	ND	10.0
Acetophenone	ND	10.0	Dimethyl phthalate	ND	10.0
2-Acetyaminofluorene	ND	10.0	1-3-Dinitrobenzene	ND	10.0
4-Aminobiphenyl	ND	10.0	4,6-Dinitro-2-methylphenol	ND	25.0
Anthracene	ND	5.00	2-4-Dinitrophenol	ND	25.0
Benz(a)anthracene	ND	5.00	2,4-Dinitrotoluene	ND	10.0
Benzo(b)fluoranthene	ND	5.00	2,6-Dinitrotoluene	ND	10.0
Benzo(k)fluoranthene	ND	5.00	Di-n-octyl phthalate	ND	10.0
Benzo(g,h,i)perylene	ND	5.00	Diphenylamine	ND	10.0
Benzo(a)pyrene	ND	5.00	Disulfoton	ND	10.0
Benzyl alcohol	ND	25.0	Ethyl methanesulfonate	ND	10.0
Bis(2-chloroethoxy)methane	ND	10.0	Famphur (Famophos)	ND	10.0
Bis(2-chloroethyl)ether	ND	10.0	Fluoranthene	ND	5.00
Bis(2-chloromethylethyl)ether	ND	10.0	Fluorene	ND	5.00
Bis(2-ethylhexyl)phthalate	ND	5.00	Heptachlor	ND	50.0
4-Bromophenyl phenyl ether	ND	10.0	Hexachlorobutadiene	ND	10.0
Butyl benzyl phthalate	ND	10.0	Hexachlorocyclopentadiene	ND	10.0
p-Chloroaniline	ND	10.0	Hexachloroethane	ND	10.0
Chlorobenzilate	ND	10.0	Hexachloropropene	ND	10.0
4-Chloro-3-methylphenol	ND	10.0	Indeno(1,2,3-cd)pyrene	ND	5.00
2-Chloronaphthalene	ND	10.0	Isodrin	ND	10.0
2-Chlorophenol	ND	10.0	Isophorone	ND	10.0
4-Chlorophenyl phenyl ether	ND	10.0	Isosafrole	ND	10.0
Chrysene	ND	5.00	Kepone	ND	20.0
o-Cresol(2-Methylphenol)	ND	10.0	Methapyrilene	ND	10.0
m-Cresol(3-Methylphenol)	ND	10.0	3-Methylcholanthrene	ND	10.0
p-Cresol(4-Methylphenol)	ND	10.0	Methyl methanesulfonate	ND	10.0
Diallate (total)	ND	25.0	2-Methylnaphthalene	ND	5.00
Dibenz(a,h)anthracene	ND	5.00	Methyl parathion	ND	10.0
Dibenzofuran	ND	10.0	Naphthalene	ND	5.00
Di-n-butyl phthalate	ND	10.0	1,4-Naphthoquinone	ND	10.0
1,2-Dichlorobenzene	ND	5.00	1-Naphthylamine	ND	10.0
1,3-Dichlorobenzene	ND	5.00	2-Naphthylamine	ND	10.0
1,4-Dichlorobenzene	ND	5.00	2-Nitroaniline	ND	10.0
3,3'-Dichlorobenzidine	ND	10.0	3-Nitroaniline	ND	10.0
2,4-Dichlorophenol	ND	10.0	4-Nitroaniline	ND	10.0
2,6-Dichlorophenol	ND	10.0	Nitrobenzene	ND	10.0
Diethyl phthalate	ND	10.0	2-Nitrophenol	ND	10.0
0,0-Diethyl 0-2-pyrazinyl			4-Nitrophenol	ND	10.0
phosphoroethoate	ND	10.0	n-Nitrosodi-n-butylamine	ND	10.0
Dimethoate	ND	10.0	n-Nitrosodiethylamine	ND	10.0
p-(Dimethylamino)azobenzene	ND	10.0	n-Nitrosodimethylamine	ND	10.0
7,12-Dimethylbenz(a)anthracene	ND	10.0	n-Nitrosodiphenylamine	ND	10.0

CONTINUED ON FOLLOWING PAGE

SAMPLE ID 7020175 FRACTION 03A TEST CODE 8270A2 NAME A/BW EXTRACTABLES SOIL
Date & Time Collected 02/08/96 11:20:00 Category LIQUID

EPA METHOD 8270A

ANALYTE	RESULT	LIMIT	ANALYTE	RESULT	LIMIT
n-Nitroso-n-dipropylamine	ND	10.0	1,2,4-Trichlorobenzene	ND	10.0
n-Nitrosomethylethylamine	ND	10.0	2,4,5-Trichlorophenol	ND	10.0
n-Nitrosopiperidine	ND	10.0	2,4,6-Trichlorophenol	ND	10.0
n-Nitrosopyrrolidine	ND	10.0	Triethyl phosphorothioate	ND	10.0
5-Nitro-o-toluidine	ND	10.0	1,3,5-Trinitrobenzene	ND	10.0
Parathion (Parathion ethyl)	ND	10.0	Aldrin	ND	10.0
PCB's (Total)	ND	200	Alpha-BHC	ND	10.0
Pentachlorobenzene	ND	10.0	Beta-BHC	ND	10.0
Pentachloronitrobenzene	ND	10.0	Delta-BHC	ND	10.0
Pentachlorophenol	ND	10.0	Gamma-BHC (Lindane)	ND	10.0
Phenacetin	ND	10.0	4,4'-DDT	ND	10.0
Phenanthrene	ND	5.00	4,4'-DDD	ND	10.0
Phenol	ND	10.0	4,4'-DDE	ND	10.0
p-Phenylenediamine	ND	10.0	Dieldrin	ND	10.0
Phorate	ND	10.0	Endosulfan I	ND	10.0
Pronamide	ND	10.0	Endosulfan II	ND	10.0
Pyrene	ND	5.00	Endosulfan Sulfate	ND	10.0
Safrole	ND	10.0	Endrin	ND	10.0
1,2,4,5-Tetrachlorobenzene	ND	10.0	Endrin aldehyde	ND	10.0
2,3,4,6-Tetrachlorophenol	ND	10.0	Heptachlor epoxide	ND	10.0
o-Toluidine	ND	10.0	Hexachlorobenzene	ND	10.0
Toxaphene	ND	10.0	Methoxychlor	ND	10.0

Surrogates	% Recovery	Surrogate Limits
2-Fluorophenol	42	21 - 110
Phenol-d5	42	10 - 110
2-Chlorophenol-d4	51	20 - 130
1,2-Dichlorobenzene-d4	31	20 - 130
Nitrobenzene-d5	47	34 - 114
2-Fluorobiphenyl	47	43 - 116
2,4,6-Tribromophenol	46	10 - 123
Terphenyl-d14	43	33 - 141

Notes and Definitions for this Report:

UNITS: ug/L
EXTRACTED: 02/13/96
DATE RUN: 02/19/96
ANALYST: HB
INSTRUMENT: GC/MS
DIL. FACTOR: 1

ND = not detected at detection limit

DEFECTED
JUL 24 1996

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030

Sampling Date/Time: 01/11/96 @ 1110

Test Site ID #: _____

Report Period: 1996 / 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): NA

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000620	Nitrate	Well Wiz. Ded. Mon. System	No	EPA 353.2	01/25/96 1300	0.59 mg/L	0.15 mg/L
082079	Turbidity	"	"	SM 2130B	01/11/96 1715	0.39 NTU	0.01 NTU
000940	Chloride	"	"	SM 4500Cl-B	01/12/96 1600	1,300 mg/L	0.15 mg/L
000400	pH-Field	"	"	EPA 150.1	01/11/96 1110	7.61 Std. Units	0.01 Std. Units
070300	Total Dis. Solids	"	"	SM 2540C	01/12/96 1500	3,260 mg/L	1 mg/L
000344	Dissolved Oxygen	"	"	SM 4500 O G	01/11/96 1110	4.88 mg/L	0.01 mg/L
000680	TOC	"	"	EPA 415.1	01/17/96 1000	38.7 mg/L	0.50 mg/L
000410	Bicarbonate	"	"	EPA 310.1	01/12/96 1400	157 mg/L	1 mg/L
000095	Specific Cond. (Field)	"	"	SM 2510B	01/11/96 1110	4,170 µmhos/cm	0.00 µmhos/cm
000010	Temperature (Field)	"	"	SM 2550B	01/11/96 1110	16.98 °C	0 °C
000610	Ammonia	"	"	EPA 350.1	01/18/96 1600	0.09 mg/L	0.15 mg/L
000945	Sulfate	"	"	EPA 375.4	01/23/96 1400	21.0 mg/L	1 mg/L
000556	Oil & Grease	"	"	SM 5520B	01/17/96 1600	<3 mg/L	3 mg/L
000600	TON	"	"	EPA 350.1	01/18/96 1600	0.68 mg/L	0.07 mg/L
001034	Chromium	"	"	EPA 218.2	01/22/96 0945	<0.0010 mg/L	0.0010 mg/L
001051	Lead	"	"	EPA 239.2	01/22/96 1200	0.0022 mg/L	0.0010 mg/L

*Attach Laboratory Reports

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030

Sampling Date/Time: 01/11/96 @ 1110

Test Site ID #:

Report Period: 1996 / 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): NA

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000600	Total Nitrogen	Well Miz. Ded. Mon. System	No	CALC	01/31/96 1730	1.36 mg/L	0.15 mg/L
001042	Copper	"	"	EPA 220.2	01/23/96 0830	0.02 mg/L	0.001 mg/L
001147	Selenium	"	"	EPA 270.2	01/22/96 1450	<0.0010 mg/L	0.001 mg/L
001027	Cadmium	"	"	EPA 213.2	01/22/96 1550	0.0005 mg/L	0.0005 mg/L
001045	Iron	"	"	EPA 236.2	01/23/96 0900	0.42 mg/L	0.001 mg/L
000929	Sodium	"	"	EPA 273.1	01/23/96 1525	254 mg/L	0.01 mg/L
001002	Arsenic	"	"	EPA 206.2	01/22/96 1340	0.0010 mg/L	0.001 mg/L
071900	Mercury	"	"	EPA 245.1	01/19/96 1450	<0.0005 mg/L	0.0005 mg/L
001012	Beryllium	"	"	EPA 210.2	01/22/96 1700	<0.0005 mg/L	0.0005 mg/L
000916	Calcium	"	"	EPA 215.1	01/23/96 1430	905 mg/L	0.1 mg/L
000927	Magnesium	"	"	EPA 242.1	01/23/96 1450	10.4 mg/L	0.005 mg/L
001055	Manganese	"	"	EPA 243.1	01/23/96 0830	<0.01 mg/L	0.03 mg/L
001067	Nickel	"	"	EPA 249.1	01/23/96 0845	0.07 mg/L	0.07 mg/L
001077	Silver	"	"	EPA 272.2	01/22/96 1620	<0.0002 mg/L	0.0005 mg/L
001059	Thallium	"	"	EPA 279.2	01/22/96 1300	<0.001 mg/L	0.001 mg/L
001097	Antimony	"	"	EPA 204.2	01/22/96 1100	<0.001 mg/L	0.003 mg/L

*Attach Laboratory Reports

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030

Sampling Date/Time: 01/11/96 @ 1110

Test Site ID #:

Report Period: 1996 / 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): NA

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
001092	Zinc	Well Wiz. Ded. Mon. System	No	EPA 289.1	01/23/96 0900	0.02 mg/L	0.005 mg/L
000612	NH ₄ -N	"	"	DEP SOP 10/03/83	01/24/96 1730	<0.02 mg/L	0.02 mg/L
078155	TOX	"	"	EPA 9020	01/22/96 1244	0.0624 mg/L	0.50 mg/L
900180	Phenols	"	"	EPA 420.1	01/22/96 1244	<0.010 mg/L	0.010 mg/L

*Attach Laboratory Reports

PART III - ANALYTICAL RESULTS

Facility GMS #: _____

Sampling Date/Time: 02/08/96 11 :55

Test Site ID #: _____

Report Period: _____
(Year/Quarter)

WELL NAME: A-1-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)			EPA 170.1		degree,C	degree,C
00400	pH (field)			EPA 150.1		Std.Units	Std.Units
	Water Level Elev.			NA		Ft. NGVD	Ft. NGVD
00094	Specific Cond. (field)			EPA 120.1		μmhos/cm	μmhos/cm
01095	Antimony			EPA 204.2	02/28/96	0.045	0.010
01000	Arsenic			EPA 206.2	02/22/96	ND	0.005
01005	Barium			EPA 208.2	02/22/96	ND	0.250
01010	Beryllium			EPA210.2	02/22/96	ND	0.010
01025	Cadmium			EPA 213.2	02/22/96	ND	0.010
01030	Chromium			EPA 218.2	02/22/96	ND	0.010
01035	Cobalt			EPA 219.2	02/22/96	ND	0.005
01040	Copper			EPA 220.1	02/22/96	ND	0.050
01049	Lead			EPA 239.2	02/22/96	ND	0.005
01065	Nickel			EPA 249.1	02/22/96	ND	0.050
01145	Selenium			EPA 270.2	02/22/96	ND	0.010
01075	Silver			EPA 272.2	02/22/96	ND	0.005
01057	Thallium			EPA 279.2	02/27/96	ND	0.005
01085	Vanadium			EPA 286.2	02/22/96	0.037	0.005
71890	Mercury			EPA 245.1	02/22/96	0.0004	0.0002
01100	Tin			EPA 200.7	02/21/96	ND	0.300
01090	Zinc			EPA 289.1	02/22/96	0.063	0.050
00723	Cyanide			EPA 335.2	02/21/96	ND	0.010

* Attach Laboratory Reports

PART III - ANALYTICAL RESULTS (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units ($\mu\text{g/l}$)	Detection Limits/ Units ($\mu\text{g/l}$)
81552	Acetone			EPA 8260A	02/19/96	ND	1.00
34215	Acrylonitrile			EPA 8260A	02/19/96	ND	5.00
34235	Benzene			EPA 8260A	02/19/96	ND	1.00
N/A	Bromochloromethane			EPA 8260A	02/19/96	ND	1.00
32101	Bromodichloromethane			EPA 8260A	02/19/96	ND	1.00
32104	Bromoform			EPA 8260A	02/19/96	ND	2.00
77041	Carbon disulfide			EPA 8260A	02/19/96	ND	1.00
32102	Carbon tetrachloride			EPA 8260A	02/19/96	ND	1.00
34301	Chlorobenzene			EPA 8260A	02/19/96	ND	1.00
34311	Chloroethane			EPA 8260A	02/19/96	ND	1.00
32106	Chloroform			EPA 8260A	02/19/96	ND	1.00
32105	Dibromochloromethane			EPA 8260A	02/19/96	ND	1.00
38761	1,2-Dibromo-3-chloropropane			EPA 8260A	02/19/96	ND	1.00
77651	1,2-Dibromoethane			EPA 8260A	02/19/96	ND	1.00
34537	o-Dichlorobenzene			EPA 8260A	02/19/96	ND	2.00
34571	p-Dichlorobenzene			EPA 8260A	02/19/96	ND	2.00
49263	Trans-1,4-Dichloro-2-butene			EPA 8260A	02/19/96	ND	1.00
34496	1,1-Dichloroethane			EPA 8260A	02/19/96	ND	2.00
32103	1,2-Dichloroethane			EPA 8260A	02/19/96	ND	2.00
34502	1,1-Dichloroethene			EPA 8260A	02/19/96	ND	1.00
81686	cis-1,2-Dichloroethene			EPA 8260A	02/19/96	ND	2.00
34546	trans-1,2-Dichloroethene			EPA 8260A	02/19/96	ND	1.00
34541	1,2-Dichloropropane			EPA 8260A	02/19/96	ND	1.00
34704	cis-1,3-Dichloropropene			EPA 8260A	02/19/96	ND	1.00
34699	trans-1,3-Dichloropropene			EPA 8260A	02/19/96	ND	1.00
78113	Ethylbenzene			EPA 8260A	02/19/96	ND	1.00
77103	2-Hexanone			EPA 8260A	02/19/96	ND	1.00
34413	Methyl bromide			EPA 8260A	02/19/96	ND	1.00

* Attach Laboratory Reports

PART III - ANALYTICAL RESULTS (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units ($\mu\text{g/l}$)	Detection Limits/ Units ($\mu\text{g/l}$)
34418	Methyl chloride			EPA 8260A	02/19/96	ND	1.00
77596	Methylene bromide			EPA 8260A	02/19/96	ND	2.00
34423	Methylene chloride			EPA 8260A	02/19/96	ND	2.00
81595	Methyl ethyl ketone			EPA 8260A	02/19/96	ND	1.00
49262	Methyl iodide			EPA 8260A	02/19/96	ND	2.00
78133	4-Methyl-2-pentanone			EPA 8260A	02/19/96	ND	1.00
77128	Styrene			EPA 8260A	02/19/96	ND	1.00
77562	1,1,1,2-Tetrachloroethane			EPA 8260A	02/19/96	ND	1.00
34516	1,1,2,2-Tetrachloroethane			EPA 8260A	02/19/96	ND	2.00
34476	Tetrachloroethene			EPA 8260A	02/19/96	ND	1.00
78131	Toluene			EPA 8260A	02/19/96	ND	1.00
34506	1,1,1-Trichloroethane			EPA 8260A	02/19/96	ND	2.00
34511	1,1,2-Trichloroethane			EPA 8260A	02/19/96	ND	1.00
34485	Trichloroethene			EPA 8260A	02/19/96	ND	1.00
34488	Trichlorofluoromethane			EPA 8260A	02/19/96	ND	1.00
77443	1,2,3-Trichloropropane			EPA 8260A	02/19/96	ND	2.00
77057	Vinyl acetate			EPA 8260A	02/19/96	ND	2.00
39175	Vinyl chloride			EPA 8260A	02/19/96	ND	1.00
81551	Xylenes			EPA 8260A	02/19/96	ND	2.00

* Attach Laboratory Reports

PART III - ANALYTICAL RESULTS (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units ($\mu\text{g/l}$)	Detection Limits/ Units ($\mu\text{g/l}$)
34205	Acenaphthene			EPA 8270A	02/19/96	ND	5.00
34200	Acenaphthylene			EPA 8270A	02/19/96	ND	5.00
N/A	Acetonitrile			EPA 8260A	02/19/96	ND	100
81553	Acetophenone			EPA 8270A	02/19/96	ND	10.0
N/A	2-Acetylaminofluorene			EPA 8270A	02/19/96	ND	10.0
34210	Acrolein			EPA 8260A	02/19/96	ND	15.0
39330	Aldrin			EPA 8270A	02/19/96	ND	10.0
78109	Allyl chloride			EPA 8260A	02/19/96	ND	5.00
N/A	4-Aminobiphenyl			EPA 8270A	02/19/96	ND	10.0
34220	Anthracene			EPA 8270A	02/19/96	ND	5.00
34527	Benzo(a)anthracene			EPA 8270A	02/19/96	ND	5.00
34230	Benzo(b)fluoranthene			EPA 8270A	02/19/96	ND	5.00
34242	Benzo(k)fluoranthene			EPA 8270A	02/19/96	ND	5.00
34522	Benzo(ghi)perylene			EPA 8270A	02/19/96	ND	5.00
34247	Benzo(a)pyrene			EPA 8270A	02/19/96	ND	5.00
77147	Benzyl alcohol			EPA 8270A	02/19/96	ND	25.0
39337	alpha-BHC			EPA 8270A	02/19/96	ND	10.0
39338	beta-BHC			EPA 8270A	02/19/96	ND	10.0
34259	delta-BHC			EPA 8270A	02/19/96	ND	10.0
39340	gamma-BHC			EPA 8270A	02/19/96	ND	10.0
34278	Bis(2-chloroethoxy)methane			EPA 8270A	02/19/96	ND	10.0
34273	Bis(2-chloroethyl)ether			EPA 8270A	02/19/96	ND	10.0
34284	Bis(2-chloroisopropyl)ether			EPA 8270A	02/19/96	ND	10.0
39100	Bis(2-ethylhexyl)phthalate			EPA 8270A	02/19/96	ND	5.00
34636	4-Bromophenyl phenyl ether			EPA 8270A	02/19/96	ND	10.0
51003	Butyl benzyl phthalate			EPA 8270A	02/19/96	ND	10.0
39350	Chlordane			EPA 8270A	02/19/96	ND	0.010
60037	p-Chloroaniline			EPA 8270A	02/19/96	ND	10.0
39460	Chlorobenzilate			EPA 8270A	02/19/96	ND	10.0

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PART III - ANALYTICAL RESULTS (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units ($\mu\text{g/l}$)	Detection Limits/ Units ($\mu\text{g/l}$)
N/A	4-Chloro-3-methylphenol			EPA 8270A	02/19/96	ND	10.0
34581	2-Chloronaphthalene			EPA 8270A	02/19/96	ND	10.0
34586	2-Chlorophenol			EPA 8270A	02/19/96	ND	10.0
34641	4-Chlorophenyl phenyl ether			EPA 8270A	02/19/96	ND	10.0
34320	Chrysene			EPA 8270A	02/19/96	ND	5.00
N/A	3-Methylphenol			EPA 8270A	02/19/96	ND	10.0
77152	2-Methylphenol			EPA 8270A	02/19/96	ND	10.0
N/A	4-Methylphenol			EPA 8270A	02/19/96	ND	10.0
39730	2,4-D			EPA 8150W	02/15/96	ND	0.5
39361	4,4'-DDD			EPA 8270A	02/19/96	ND	10.0
39366	4,4'-DDE			EPA 8270A	02/19/96	ND	10.0
39371	4,4'-DDT			EPA 8270A	02/19/96	ND	10.0
N/A	Diallate			EPA 8270A	02/19/96	ND	25.0
51004	Dibenzo(a,h)anthracene			EPA 8270A	02/19/96	ND	5.00
81302	Dibenzofuran			EPA 8270A	02/19/96	ND	10.0
39110	Di-n-butyl phthalate			EPA 8270A	02/19/96	ND	10.0
34631	3,3'-Dichlorobenzidine			EPA 8270A	02/19/96	ND	10.0
34601	2,4-Dichlorophenol			EPA 8270A	02/19/96	ND	10.0
77541	2,6-Dichlorophenol			EPA 8270A	02/19/96	ND	10.0
39380	Dieldrin			EPA 8270A	02/19/96	ND	10.0
34336	Diethyl phthalate			EPA 8270A	02/19/96	ND	10.0
N/A	0,0-Diethyl 0,2-pyrazinyl phosphorothioate			EPA 8270A	02/19/96	ND	10.0
46314	Dimethoate			EPA 8270A	02/19/96	ND	10.0
N/A	p-(Dimethylamino)azobenzene			EPA 8270A	02/19/96	ND	10.0
N/A	7,12-Dimethylbenz(a)anthracene			EPA 8270A	02/19/96	ND	10.0
N/A	3,3'-Dimethylbenzidine			EPA 8270A	02/19/96	ND	10.0
34606	2,4-Dimethylphenol			EPA 8270A	02/19/96	ND	10.0
34341	Dimethyl phthalate			EPA 8270A	02/19/96	ND	10.0
N/A	m-Dinitrobenzene			EPA 8270A	02/19/96	ND	10.0

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PART III - ANALYTICAL RESULTS (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units ($\mu\text{g/l}$)	Detection Limits/ Units ($\mu\text{g/l}$)
51008	4,6-Dinitro-o-cresol			EPA 8270A	02/19/96	ND	25.0
34616	2,4-Dinitrophenol			EPA 8270A	02/19/96	ND	25.0
34611	2,4-Dinitrotoluene			EPA 8270A	02/19/96	ND	10.0
34626	2,6-Dinitrotoluene			EPA 8270A	02/19/96	ND	10.00
38779	Dinoseb			EPA 8150W	02/15/96	ND	0.5
34597	Di-n-octyl phthalate			EPA 8270A	02/19/96	ND	10.0
77579	Diphenylamine			EPA 8270A	02/19/96	ND	10.0
81888	Disulfoton			EPA 8141	02/19/96	ND	1.00
34361	Endosulfan I			EPA 8270A	02/19/96	ND	10.0
34356	Endosulfan II			EPA 8270A	02/19/96	ND	10.0
34351	Endosulfan sulfate			EPA 8270A	02/19/96	ND	10.0
39390	Endrin			EPA 8270A	02/19/96	ND	10.0
34366	Endrin aldehyde			EPA 8270A	02/19/96	ND	10.0
N/A	Ethyl methanesulfonate			EPA 8270A	02/19/96	ND	10.0
38462	Famphur			EPA 8270A	02/19/96	ND	10.0
34376	Fluoranthene			EPA 8270A	02/19/96	ND	5.00
34381	Fluorene			EPA 8270A	02/19/96	ND	5.00
39410	Heptochlor			EPA 8270A	02/19/96	ND	50.0
39420	Heptochlor epoxide			EPA 8270A	02/19/96	ND	10.0
39700	Hexachlorobenzene			EPA 8270A	02/19/96	ND	10.0
34391	Hexachlorobutadiene			EPA 8270A	02/19/96	ND	10.0
34386	Hexachlorocyclopentadiene			EPA 8270A	02/19/96	ND	10.0
34396	Hexachloroethane			EPA 8270A	02/19/96	ND	10.0
N/A	Hexachloropropene			EPA 8270A	02/19/96	ND	10.0
77033	Isobutyl alcohol			EPA 8260A	02/19/96	ND	5.00
39430	Isodrin			EPA 8270A	02/19/96	ND	10.0
34408	Isophorone			EPA 8270A	02/19/96	ND	10.0
N/A	Isosafrole			EPA 8270A	02/19/96	ND	10.0
81593	Methacrylonitrile			EPA 8260A	02/19/96	ND	2.00

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PART III - ANALYTICAL RESULTS (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units ($\mu\text{g/l}$)	Detection Limits/ Units ($\mu\text{g/l}$)
N/A	Methaprylene			EPA 8270A	02/19/96	ND	10.0
39480	Methoxychlor			EPA 8270A	02/19/96	ND	10.0
N/A	3-Methylcholanthrene			EPA 8270A	02/19/96	ND	10.0
81597	Methyl methacrylate			EPA 8260A	02/19/96	ND	2.00
N/A	Methyl methanesulfonate			EPA 8270A	02/19/96	ND	10.0
77416	2-Methylnaphthalene			EPA 8270A	02/19/96	ND	5.00
39600	Methyl parathion			EPA 8270A	02/19/96	ND	10.0
34696	Naphthalene			EPA 8270A	02/19/96	ND	5.00
N/A	1,4-Naphthoquinone			EPA 8270A	02/19/96	ND	10.0
N/A	1-Naphthylamine			EPA 8270A	02/19/96	ND	10.0
N/A	2-Naphthylamine			EPA 8270A	02/19/96	ND	10.0
N/A	2-Nitroaniline			EPA 8270A	02/19/96	ND	10.0
78300	3-Nitroaniline			EPA 8270A	02/19/96	ND	10.0
30342	4-Nitroaniline			EPA 8270A	02/19/96	ND	10.0
34447	Nitrobenzene			EPA 8270A	02/19/96	ND	10.0
34591	2-Nitrophenol			EPA 8270A	02/19/96	ND	10.0
34646	4-Nitrophenol			EPA 8270A	02/19/96	ND	10.0
N/A	n-Nitrosodi-n-butylamine			EPA 8270A	02/19/96	ND	10.0
78200	n-Nitrosodiethylamine			EPA 8270A	02/19/96	ND	10.0
34438	n-Nitrosodimethylamine			EPA 8270A	02/19/96	ND	10.0
34433	n-Nitrosodiphenylamine			EPA 8270A	02/19/96	ND	10.0
34429	n-Nitroso-n-dipropylamine			EPA 8270A	02/19/96	ND	10.0
N/A	n-Nitrosomethylethylamine			EPA 8270A	02/19/96	ND	10.0
N/A	n-Nitrosopiperidine			EPA 8270A	02/19/96	ND	10.0
78206	n-Nitrosopyrrolidine			EPA 8270A	02/19/96	ND	10.0
N/A	5-Nitro-o-toluidine			EPA 8270A	02/19/96	ND	10.0
39540	Parathion			EPA 8141	02/19/96	ND	0.500
77793	Pentachlorobenzene			EPA 8270A	02/19/96	ND	10.0
81316	Pentachloronitrobenzene			EPA 8270A	02/19/96	ND	10.0

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PART III - ANALYTICAL RESULTS (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units ($\mu\text{g/l}$)	Detection Limits/ Units ($\mu\text{g/l}$)
39032	Pentachlorophenol			EPA 8270A	02/19/96	ND	10.0
N/A	Phenacetin			EPA 8270A	02/19/96	ND	10.0
34461	Phenanthrene			EPA 8270A	02/19/96	ND	5.00
32730	Phenol			EPA 8270A	02/19/96	ND	10.0
N/A	p-Phenylenediamine			EPA 8270A	02/19/96	ND	10.0
46313	Phorate			EPA 8270A	02/19/96	ND	10.0
39516	PCBs			EPA 8270A	02/19/96	ND	200
39080	Pronamide			EPA 8270A	02/19/96	ND	10.0
77007	Propionitrile			EPA 8260A	02/19/96	ND	1.00
34469	Pyrene			EPA 8270A	02/19/96	ND	5.00
77545	Safrole			EPA 8270A	02/19/96	ND	10.0
39760	Silvex			EPA 8150W	02/15/96	ND	0.5
81520	Chloroprene			EPA 8260A	02/19/96	ND	2.00
00746	Sulfide			EPA 376.1	02/13/96	ND	0.10
39740	2,4,5-T			EPA 8150W	02/15/96	ND	0.5
77734	Tetrachlorobenzene			EPA 8270A	02/19/96	ND	10.0
N/A	Tetrachlorophenol			EPA 8270A	02/19/96	ND	10.0
77142	o-Toluidine			EPA 8270A	02/19/96	ND	10.0
39401	Toxaphene			EPA 8270A	02/19/96	ND	10.0
34551	1,2,4-Trichlorobenzene			EPA 8270A	02/19/96	ND	10.0
77687	2,4,5-Trichlorophenol			EPA 8270A	02/19/96	ND	10.0
34621	2,4,6-Trichlorophenol			EPA 8270A	02/19/96	ND	10.0
N/A	Triethyl phosphorothioate			EPA 8270A	02/19/96	ND	10.0
N/A	1,3,5-Trinitrobenzene			EPA 8270A	02/19/96	ND	10.0
77173	1,3-Dichloropropane			EPA 8260A	02/19/96	ND	1.00
77170	2,2-Dichloropropane			EPA 8260A	02/19/96	ND	2.00
77168	1,1-Dichloropropene			EPA 8260A	02/19/96	ND	1.00
34566	1,3-Dichlorobenzene			EPA 8260A	02/19/96	ND	2.00

* Attach Laboratory Reports

* Attach Laboratory Reports

Received: 02/12/96

Results by Sample

Continued From Above

SAMPLE ID 7020176FRACTION 04ATEST CODE 8270A2NAME A/BW EXTRACTABLES SOILDate & Time Collected 02/08/96 11:55:00Category LIQUID**EPA METHOD 8270A**

ANALYTE	RESULT	LIMIT	ANALYTE	RESULT	LIMIT
n-Nitroso-n-dipropylamine	ND	10.0	1,2,4-Trichlorobenzene	ND	10.0
n-Nitrosomethylethylamine	ND	10.0	2,4,5-Trichlorophenol	ND	10.0
n-Nitrosopiperidine	ND	10.0	2,4,6-Trichlorophenol	ND	10.0
n-Nitrosopyrrolidine	ND	10.0	Triethyl phosphorothioate	ND	10.0
5-Nitro-o-toluidine	ND	10.0	1,3,5-Trinitrobenzene	ND	10.0
Parathion (Parathion ethyl)	ND	10.0	Aldrin	ND	10.0
PCB's (Total)	ND	200	Alpha-BHC	ND	10.0
Pentachlorobenzene	ND	10.0	Beta-BHC	ND	10.0
Pentachloronitrobenzene	ND	10.0	Delta-BHC	ND	10.0
Pentachlorophenol	ND	10.0	Gamma-BHC (Lindane)	ND	10.0
Phenacetin	ND	10.0	4,4'-DDT	ND	10.0
Phenanthrene	ND	5.00	4,4'-DDD	ND	10.0
Phenol	ND	10.0	4,4'-DDE	ND	10.0
p-Phenylenediamine	ND	10.0	Dieldrin	ND	10.0
Phorate	ND	10.0	Endosulfan I	ND	10.0
Pronamide	ND	10.0	Endosulfan II	ND	10.0
Pyrene	ND	5.00	Endosulfan Sulfate	ND	10.0
Safrole	ND	10.0	Endrin	ND	10.0
1,2,4,5-Tetrachlorobenzene	ND	10.0	Endrin aldehyde	ND	10.0
2,3,4,6-Tetrachlorophenol	ND	10.0	Heptachlor epoxide	ND	10.0
o-Toluidine	ND	10.0	Hexachlorobenzene	ND	10.0
Toxaphene	ND	10.0	Methoxychlor	ND	10.0

Surrogates	% Recovery	Surrogate Limits
2-Fluorophenol	<u>42</u>	21 - 110
Phenol-d5	<u>43</u>	10 - 110
2-Chlorophenol-d4	<u>50</u>	20 - 130
1,2-Dichlorobenzene-d4	<u>29</u>	20 - 130
Nitrobenzene-d5	<u>44</u>	34 - 114
2-Fluorobiphenyl	<u>39 Q</u>	43 - 116
2,4,6-Tribromophenol	<u>52</u>	10 - 123
Terphenyl-d14	<u>41</u>	33 - 141

Notes and Definitions for this Report:

UNITS: ug/LEXTRACTED: 02/13/96DATE RUN: 02/19/96ANALYST: HBINSTRUMENT: GC/MSDIL. FACTOR: 1

ND = not detected at detection limit



BROW'S ID TESTING LABORATORY, INC.

4416 N.E. 11TH AVE., FORT LAUDERDALE, FLORIDA 33334



Date: 02/14/96 Report #: 7020176 Laboratory ID #: 86418

Client: PASCO COUNTY UTILITIES
ATTN: CANDY MULHERN
8864 GOVERNMENT DR.
NEW PORT RICHEY, FL 34654-

Date Collected: 02/08/96
Time Collected: 11:55
SOURCE: RESOURCE RECOVERY LEACHATE
A-1-SECONDARY
pH=7.59

Date received at lab: 02/09/96
Collected by : CC

Time received at lab: 10:55

ENVIRONMENTAL LABORATORY CERTIFICATION NUMBER 86035 LABORATORY PARAMETER ANALYSIS REPORT

Analysis Performed	Method	Analysis Result (mg/l)	Anal Date
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ALL PARAMETERS WERE SUBCONTRACTED TO TOXICON LAB. SEE ATTACHED.

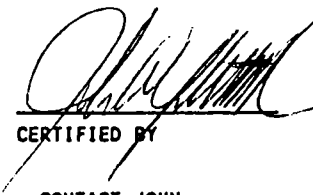
Gary Meyer, Lab Director

Received: 02/12/96

03/12/96 09:30:24

REPORT NATIONAL TESTING LABORATORY
TO 6555 WILSON MILLS ROAD
CLEVELAND, OHIO 44143
1(800)458-3330 F(216)449-8585
ATTN SUSAN HENDERSON

PREPARED TOXIKON WEST PALM BEACH
BY 1860 OLD OKEECHOBEE RD. #401
WEST PALM BEACH, FL 33409
HRS #E86278 QA# 910150G
ATTN JOHN YAREMCHUK
PHONE (407) 478-4803 FAX 478-0214

CERTIFIED BY CONTACT JOHN

CLIENT NTL SAMPLES 7
COMPANY NATIONAL TESTING LABORATORY
FACILITY 6555 WILSON MILLS ROAD
CLEVELAND, OHIO 44143

WORK ID 7020173-0176TAKEN 02/08/96TRANS COURIERTYPE LIQUID

P.O. # _____

INV. # 2905Previously Reported on 03/07/96.First Reported on 03/05/96.

SAMPLE IDENTIFICATION

01 7020173
02 7020174
03 7020175
04 7020176 A1-Secondary
05 METHOD BLANK
06 MEAN % RECOVERY
07 RPD

TEST CODES and NAMES used on this workorder

8141 ORGANOPHOSPHORUS PESTICIDE
8150W CHLORINATED HERB. - WATER
8260A2 PURGEABLE ORGANICS VOA
8270A2 A/BN EXTRACTABLES SOIL
AG SILVER
AS ARSENIC
BA BARIUM
BE BERYLLIUM
CD CADMIUM
CN TOT CYANIDE TOTAL
CO COBALT
CR CHROMIUM
CU COPPER
HG MERCURY
MEX TW METALS, TOTAL EXT., WATER
NI NICKEL
PB LEAD
SB ANTIMONY
SE SELENIUM
S FID SULFIDE
TL THALLIUM
V VANADIUM
ZN Zinc

Received: 02/12/96

Results by Sample

SAMPLE ID <u>7020176</u>		SAMPLE # <u>04</u> FRACTIONS: <u>A</u>	
		Date & Time Collected <u>02/08/96 11:55:00</u> Category <u>LIQUID</u>	
AG	ND	AS	ND
mg/L DL=0.005	mg/L DL=0.005	BA	ND
		mg/L DL=0.250	BE
			ND
		mg/L DL=0.010	CD
			ND
		mg/L DL=0.010	CN_TOT
			ND
CO	ND	CR	ND
mg/L DL=0.005	mg/L DL=0.010	CU	ND
		mg/L DL=0.050	HG
			0.0004
		mg/L DL=0.0002	NI
			ND
		mg/L DL=0.050	PB
			ND
		mg/L DL=0.005	
SB	0.045	SE	ND
mg/L DL=0.010	mg/L DL=0.010	S_FID	ND
		mg/L DL=0.10	TL
			ND
		mg/L DL=0.005	V
			0.037
		mg/L DL=0.005	ZN
			0.063
		mg/L DL=0.050	

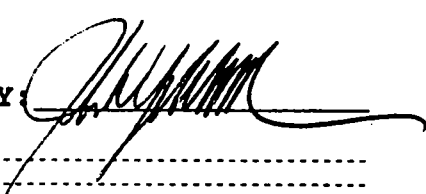
HRS# E86278-ENVIRONMENTAL
86396-DRINKING WATER

Page 1 of 1

NATIONAL TESTING LABORATORY
6555 Wilson Mills Road
Cleveland, Ohio 44143

REPORT DATE: 05/02/96
WORK ORDER# 96-02-089

Attn: Ms. S. Henderson

CERTIFIED BY: 

PROJECT ID: 7020173

SAMPLE ID: SW-PRIMARY

Parameter	Method	Result	Units	Detection Limit	Date Analyzed	Analyst
Tin	EPA 200.7	<0.300	mg/L	0.300	02/21/96	BED
Chlordane	EPA 8270A	<0.010	mg/L	0.010	02/19/96	HB

PROJECT ID: 7020174

SAMPLE ID: SW-SECONDARY

Parameter	Method	Result	Units	Detection Limit	Date Analyzed	Analyst
Tin	EPA 200.7	<0.300	mg/L	0.300	02/21/96	BED
Chlordane	EPA 8270A	<0.010	mg/L	0.010	02/19/96	HB

PROJECT ID: 7020175

SAMPLE ID: A-1 PRIMARY

Parameter	Method	Result	Units	Detection Limit	Date Analyzed	Analyst
Tin	EPA 200.7	<0.300	mg/L	0.300	02/21/96	BED
Chlordane	EPA 8270A	<0.010	mg/L	0.010	02/19/96	HB

PROJECT ID: 7020176

SAMPLE ID: A-1 SECONDARY

Parameter	Method	Result	Units	Detection Limit	Date Analyzed	Analyst
Tin	EPA 200.7	<0.300	mg/L	0.300	02/21/96	BED
Chlordane	EPA 8270A	<0.010	mg/L	0.010	02/19/96	HB

QC Tin: Method Blank <0.300 mg/L
Mean % Recovery 88.2%

PAGE 4

NTL #	ANALYTE	DATE	ANALYST
7020074	AG	02/09/96	NRW
	AS	02/08/96	NRW
	BA	02/14/96	NRW
	BE	02/12/96	NRW
	CD	02/14/96	NRW
	CO	02/12/96	NRW
	CR	02/08/96	NRW
	CU	02/09/96	IE
	NI	02/08/96	IE
	PB	02/09/96	NRW
	SB	02/12/96	NRW
	SE	02/08/96	NRW
	TL	02/12/96	NRW
	V	02/12/96	NRW
	ZN	02/08/96	IE

(CYANIDE TO BE RESAMPLED)

7020173,	AG	02/22/96	NRW
7020175,	AS	02/22/96	NRW
7020176	BA	02/22/96	NRW
	BE	02/22/96	NRW
	CD	02/22/96	NRW
	CN_TOT	02/21/96	EF
	CO	02/22/96	NRW
	CR	02/22/96	NRW
	CU	02/22/96	IE
	HG	02/22/96	CW
	NI	02/22/96	IE
	PB	02/22/96	NRW
	SB	02/28/96	NRW
	SE	02/22/96	NRW
	S_FID	02/13/96	MO
	SN	02/21/96	BED
	TL	02/27/96	NRW
	V	02/22/96	NRW
	ZN	02/22/96	IE

Received: 02/12/96

Results by Sample

SAMPLE ID 7020176FRACTION 04ATEST CODE 8141NAME ORGANOPHOSPHORUS PESTICIDEDate & Time Collected 02/08/96 11:55:00Category LIQUID**EPA 8141 - ORGANOPHOSPHORUS PESTICIDES**

DETECTION

Azinphos methyl	ND	1.00T
Bolstar	ND	1.00
Chlorpyrifos	ND	2.50
Coumaphos	ND	1.00
Demeton-o	ND	1.00
Demeton-s	ND	1.00
Diazinon	ND	2.50
Dichlorovos	ND	1.00
Dimethoate	ND	1.00
Disulfoton	ND	1.00
EPN	ND	1.00
Ethoprop	ND	2.50
Fensulfothion	ND	1.00
Fenthion	ND	1.00
Malathion	ND	1.00
Merphos	ND	1.00
Mevinphos	ND	1.00
Naled	ND	1.00
Parathion	ND	0.500
Methyl parathion	ND	0.500
Phorate	ND	1.00
Ronnel	ND	1.00
Sulfotep	ND	1.00
Tetrachlorvinphos	ND	1.00
TEPP	1.7	1.00
Tokuthion	ND	1.00
Trichloronate	ND	1.00

Surrogates	% Recovery	Surrogate Limits
1,3-DMNB	56	40 - 120

Notes and Definitions for this Report:

EXTRACTED: 02/15/96
DATE RUN: 02/19/96
ANALYST: HB
INSTRUMENT: GC
DIL. FACTOR: 1
UNITS: ug/L

ND = not detected at detection limit

Received: 02/12/96

Results by Sample

SAMPLE ID 7020176FRACTION 04ATEST CODE 8150WNAME CHLORINATED HERB. - WATERDate & Time Collected 02/08/96 11:55:00Category LIQUID

	RESULT	LIMIT	UNITS = ug/L
2,4-DB	<u>ND</u>	<u>0.5</u>	
2,4-D	<u>ND</u>	<u>0.5</u>	
2,4,5-T	<u>ND</u>	<u>0.5</u>	
Silvex (2,4,5-TP)	<u>ND</u>	<u>0.5</u>	
Dinoseb (DNBP)	<u>ND</u>	<u>0.5</u>	
Dalapon	<u>ND</u>	<u>0.5</u>	
Dicamba	<u>ND</u>	<u>0.5</u>	
Dichlorprop	<u>ND</u>	<u>0.5</u>	
MCPA	<u>ND</u>	<u>50</u>	
MCPP	<u>ND</u>	<u>50</u>	

Notes and Definitions for this Report:

EXTRACTED: 02/14/96
DATE RUN: 02/15/96
ANALYST: BR
INSTRUMENT: HP-2
DIL. FACTOR: 1

ND = not detected at detection limit

Received: 02/12/96

Results by Sample

SAMPLE ID 7020176FRACTION 04ATEST CODE 8260A2NAME PURGEABLE ORGANICS VOADate & Time Collected 02/08/96 11:55:00Category LIQUID**EPA 8260A PURGEABLE ORGANICS**

	RESULT	LIMIT		RESULT	LIMIT
Acetone	ND	1.00			
Acetonitrile	ND	100	Ethylbenzene	ND	1.00
Acrolein	ND	15.0	Ethyl methacrylate	ND	2.00
Acrylonitrile	ND	5.00	2-Hexanone	ND	1.00
Allyl chloride	ND	5.00	Isobutyl alcohol	ND	5.00
Benzene	ND	1.00	Methacrylonitrile	ND	2.00
Bromochloromethane	ND	1.00	Methyl bromide	ND	1.00
Bromodichloromethane	ND	1.00	Methyl chloride	ND	1.00
Bromoform	ND	2.00	Methylene bromide	ND	2.00
Carbon disulfide	ND	1.00	Methylene chloride	ND	2.00
Carbon tetrachloride	ND	1.00	Methyl ethyl ketone	ND	1.00
Chlorobenzene	ND	1.00	Methyl iodide	ND	2.00
Chloroethane	ND	1.00	Methyl methacrylate	ND	2.00
Chloroform	ND	1.00	4-Methyl-2-pentanone	ND	1.00
Chloroprene	ND	2.00	Propionitrile	ND	1.00
Dibromochloromethane	ND	1.00	Styrene	ND	1.00
1,2-Dichlorobenzene	ND	2.00	1,1,1,2-Tetrachloroethane	ND	1.00
1,3-Dichlorobenzene	ND	2.00	1,1,2,2-Tetrachloroethane	ND	2.00
1,4-Dichlorobenzene	ND	2.00	Tetrachloroethene	ND	1.00
trans-1,4-Dichloro-2-butene	ND	1.00	Toluene	ND	1.00
Dichlorodifluoromethane	ND	1.00	1,1,1-Trichloroethane	ND	2.00
1,1-Dichloroethane	ND	2.00	1,1,2-Trichloroethane	ND	1.00
1,2-Dichloroethane	ND	2.00	Trichloroethene	ND	1.00
1,1-Dichloroethene	ND	1.00	Trichlorofluoromethane	ND	1.00
cis-1,2-Dichloroethene	ND	2.00	1,2,3-Trichloropropane	ND	2.00
trans-1,2-Dichloroethene	ND	1.00	Vinyl acetate	ND	2.00
1,2-Dichloropropane	ND	1.00	Vinyl chloride	ND	1.00
1,3-Dichloropropane	ND	1.00	Total xylenes	ND	2.00
2,2-Dichloropropane	ND	2.00	1,2-Dibromo3-chloropropane	ND	1.00
1,1-Dichloropropene	ND	2.00	1,2-Dibromomethane	ND	1.00
cis-1,3-Dichloropropene	ND	1.00			
trans-1,3-Dichloropropene	ND	1.00			

Surrogates	% Recovery	Surrogate Limits
Dibromofluoromethane	102	75 - 135
Toluene-d8	91	64 - 142
Bromofluorobenzene	91	79 - 112

Notes and Definitions for this Report:

DATE RUN: 02/19/96ANALYST: HBINSTRUMENT: GC/MSDIL. FACTOR: 1

COMMENTS: _____

UNITS: ug/L

ND = not detected at detection limit

Received: 02/12/96

Results by Sample

SAMPLE ID 7020176FRACTION 04A TEST CODE 8270A2 NAME A/BN EXTRACTABLES SOILDate & Time Collected 02/08/96 11:55:00Category LIQUID**EPA METHOD 8270A**

ANALYTE	RESULT	LIMIT	ANALYTE	RESULT	LIMIT
Acenaphthene	ND	5.00	3,3'-Dimethylbenzidine	ND	10.0
Acenaphthylene	ND	5.00	2,4-Dimethylphenol	ND	10.0
Acetophenone	ND	10.0	Dimethyl phthalate	ND	10.0
2-Acetyaminofluorene	ND	10.0	1-3-Dinitrobenzene	ND	10.0
4-Aminobiphenyl	ND	10.0	4,6-Dinitro-2-methylphenol	ND	25.0
Anthracene	ND	5.00	2-4-Dinitrophenol	ND	25.0
Benz(a)anthracene	ND	5.00	2,4-Dinitrotoluene	ND	10.0
Benzo(b)fluoranthene	ND	5.00	2,6-Dinitrotoluene	ND	10.0
Benzo(k)fluoranthene	ND	5.00	Di-n-octyl phthalate	ND	10.0
Benzo(g,h,i)perylene	ND	5.00	Diphenylamine	ND	10.0
Benzo(a)pyrene	ND	5.00	Disulfoton	ND	10.0
Benzyl alcohol	ND	25.0	Ethyl methanesufonate	ND	10.0
Bis(2-chloroethoxy)methane	ND	10.0	Famphur (Famophos)	ND	10.0
Bis(2-chloroethyl)ether	ND	10.0	Fluoranthene	ND	5.00
Bis(2-chloromethylethyl)ether	ND	10.0	Fluorene	ND	5.00
Bis(2-ethylhexyl)phthalate	ND	5.00	Heptachlor	ND	50.0
4-Bromophenyl phenyl ether	ND	10.0	Hexachlorobutadiene	ND	10.0
Butyl benzyl phthalate	ND	10.0	Hexachlorocyclopentadiene	ND	10.0
p-Chloroaniline	ND	10.0	Hexachloroethane	ND	10.0
Chlorobenzilate	ND	10.0	Hexachloropropene	ND	10.0
4-Chloro-3-methylphenol	ND	10.0	Indeno(1,2,3-cd)pyrene	ND	5.00
2-Chloronaphthalene	ND	10.0	Isodrin	ND	10.0
2-Chlorophenol	ND	10.0	Isophorone	ND	10.0
4-Chlorophenyl phenyl ether	ND	10.0	Isosafrole	ND	10.0
Chrysene	ND	5.00	Kepone	ND	20.0
o-Cresol(2-Methylphenol)	ND	10.0	Methapyrilene	ND	10.0
m-Cresol(3-Methylphenol)	ND	10.0	3-Methylchlolanthrene	ND	10.0
p-Cresol(4-Methylphenol)	ND	10.0	Methyl methanesulfonate	ND	10.0
Diallate (total)	ND	25.0	2-Methylnaphthalene	ND	5.00
Dibenz(a,h)anthracene	ND	5.00	Methyl parathion	ND	10.0
Dibenzofuran	ND	10.0	Naphthalene	ND	5.00
Di-n-butyl phthalate	ND	10.0	1,4-Naphthoquinone	ND	10.0
1,2-Dichlorobenzene	ND	5.00	1-Naphthylamine	ND	10.0
1,3-Dichlorobenzene	ND	5.00	2-Naphthylamine	ND	10.0
1,4-Dichlorobenzene	ND	5.00	2-Nitroaniline	ND	10.0
3,3'-Dichlorobenzidine	ND	10.0	3-Nitroaniline	ND	10.0
2,4-Dichlorophenol	ND	10.0	4-Nitroaniline	ND	10.0
2,6-Dichlorophenol	ND	10.0	Nitrobenzene	ND	10.0
Diethyl phthalate	ND	10.0	2-Nitrophenol	ND	10.0
0,0-Diethyl 0-2-pyrazinyl			4-Nitrophenol	ND	10.0
phosphoroethoate	ND	10.0	n-Nitrosodi-n-butylamine	ND	10.0
Dimethoate	ND	10.0	n-Nitrosodiethylamine	ND	10.0
p-(Dimethylamino)azobenzene	ND	10.0	n-Nitrosodimethylamine	ND	10.0
7,12-Dimethylbenz(a)anthracene	ND	10.0	n-Nitrosodiphenylamine	ND	10.0

CONTINUED ON FOLLOWING PAGE

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030

Sampling Date/Time: 01/11/96 @ 0952

Test Site ID #:

Report Period: 1996 / Quarter I
(year/quarter)

Well Name: SM Primary Tank Leachate

Well Purged (Y/N): YES

Classification of Groundwater:

BY

SOUTHWEST DISTRICT

Well Type: () Background
() Intermediate
() Compliance
() Other

Groundwater Elevation (NGVD):

or (MSL): NA

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000620	Nitrate	Well Miz. Ded. Mon. System	No	EPA 353.2	01/25/96 1300	0.19 mg/L	0.15 mg/L
082079	Turbidity	"	"	SM 2130B	01/11/96 1715	54.2 NTU	0.01 NTU
000940	Chloride	"	"	SM 4500Cl-B	01/12/96 1600	12,813 mg/L	0.15 mg/L
000400	pH-Field	"	"	EPA 150.1	01/11/96 0952	6.54 Std. Units	0.01 Std. Units
070300	Total Dis. Solids	"	"	SM 2540C	01/12/96 1500	29,200 mg/L	1 mg/L
000344	Dissolved Oxygen	"	"	SM 4500 O G	01/11/96 0952	1.56 mg/L	0.01 mg/L
000680	TOC	"	"	EPA 415.1	01/17/96 1000	29.4 mg/L	0.50 mg/L
000410	Bicarbonate	"	"	EPA 310.1	01/12/96 1400	127 mg/L	1 mg/L
000095	Specific Cond. (Field)	"	"	SM 2510B	01/11/96 0952	31,607 µmhos/cm	0.00 µmhos/cm
000010	Temperature (Field)	"	"	SM 2550B	01/11/96 0952	14.22 °C	0 °C
000610	Ammonia	"	"	EPA 350.1	01/18/96 1600	13.9 mg/L	0.15 mg/L
000945	Sulfate	"	"	EPA 375.4	01/23/96 1400	42.4 mg/L	1 mg/L
000556	Oil & Grease	"	"	SM 5520B	01/17/96 1600	<3 mg/L	3 mg/L
000600	TON	"	"	EPA 350.1	01/18/96 1600	0.80 mg/L	0.07 mg/L
001034	Chromium	"	"	EPA 218.2	01/22/96 0945	0.0014 mg/L	0.0010 mg/L
001051	Lead	"	"	EPA 239.2	01/22/96 1200	<0.0010 mg/L	0.0010 mg/L

*Attach Laboratory Reports

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030

Sampling Date/Time: 01/11/96 @ 0952

Test Site ID #:

Report Period: 1996 / Quarter I
(year/quarter)

Well Name: SM Primary Tank Leachate

Well Purged (Y/N): YES

Classification of Groundwater:

Well Type: () Background
() Intermediate
() Compliance
() Other

Groundwater Elevation (NGVD):

or (MSL): NA

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000600	Total Nitrogen	Well Wiz. Ded. Mon. System	No	CALC	01/31/96 1730	14.89 mg/L	0.15 mg/L
001042	Copper	"	"	EPA 220.2	01/23/96 0830	0.11 mg/L	0.001 mg/L
001147	Selenium	"	"	EPA 270.2	01/22/96 1450	<0.0010 mg/L	0.001 mg/L
001027	Cadmium	"	"	EPA 213.2	01/22/96 1550	<0.0005 mg/L	0.0005 mg/L
001045	Iron	"	"	EPA 236.2	01/23/96 0900	0.63 mg/L	0.001 mg/L
000929	Sodium	"	"	EPA 273.1	01/23/96 1525	2,830 mg/L	0.01 mg/L
001002	Arsenic	"	"	EPA 206.2	01/22/96 1340	0.0034 mg/L	0.001 mg/L
071900	Mercury	"	"	EPA 245.1	01/19/96 1450	<0.0005 mg/L	0.0005 mg/L
001012	Beryllium	"	"	EPA 210.2	01/22/96 1700	<0.0005 mg/L	0.0005 mg/L
000916	Calcium	"	"	EPA 215.1	01/23/96 1430	6,300 mg/L	0.1 mg/L
000927	Magnesium	"	"	EPA 242.1	01/23/96 1450	9.10 mg/L	0.005 mg/L
001055	Manganese	"	"	EPA 243.1	01/23/96 0830	0.26 mg/L	0.03 mg/L
001067	Nickel	"	"	EPA 249.1	01/23/96 0845	0.33 mg/L	0.07 mg/L
001077	Silver	"	"	EPA 272.2	01/22/96 1620	0.0006 mg/L	0.0005 mg/L
001059	Thallium	"	"	EPA 279.2	01/22/96 1300	<0.0010 mg/L	0.001 mg/L
001097	Antimony	"	"	EPA 204.2	01/22/96 1100	0.019 mg/L	0.003 mg/L

*Attach Laboratory Reports

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030

Sampling Date/Time: 01/11/96 @ 0952

Test Site ID #:

Report Period: 1996 / Quarter I
(year/quarter)

Well Name: SM Primary Tank Leachate

Well Purged (Y/N): YES

Classification of Groundwater:

Well Type: () Background
() Intermediate
() Compliance
() Other

Groundwater Elevation (NGVD):

or (MSL): NA

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
001092	Zinc	Well Miz. Ded. Mon. System	No	EPA 289.1	01/23/96 0900	0.05 mg/L	0.005 mg/L
000612	NH ₄ -N	"	"	DEP SOP 10/03/83	01/24/96 1730	<0.02 mg/L	0.02 mg/L
078155	TOX	"	"	EPA 9020	01/22/96 1244	<0.05 mg/L	0.50 mg/L
900180	Phenols	"	"	EPA 420.1	01/22/96 1244	0.039 mg/L	0.010 mg/L

*Attach Laboratory Reports

PART III - ANALYTICAL RESULTS

Facility GMS #: 4051C00030Sampling Date/Time: 02/08/96 9:30

Test Site ID #: _____

Report Period: _____
(Year/Quarter)WELL NAME: SW-PRIMARY

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)			EPA 170.1		degree,C	degree,C
00400	pH (field)			EPA 150.1		Std.Units	Std.Units
	Water Level Elev.			NA		Ft. NGVD	Ft. NGVD
00094	Specific Cond. (field)			EPA 120.1		μmhos/cm	μmhos/cm
01095	Antimony			EPA 204.2	02/28/96	0.167	0.100
01000	Arsenic			EPA 206.2	02/22/96	0.016	0.005
01005	Barium			EPA 208.2	02/22/96	ND	0.250
01010	Beryllium			EPA210.2	02/22/96	ND	0.010
01025	Cadmium			EPA 213.2	02/22/96	ND	0.010
01030	Chromium			EPA 218.2	02/22/96	ND	0.010
01035	Cobalt			EPA 219.2	02/22/96	ND	0.005
01040	Copper			EPA 220.1	02/22/96	0.092	0.050
01049	Lead			EPA 239.2	02/22/96	ND	0.005
01065	Nickel			EPA 249.1	02/22/96	0.131	0.050
01145	Selenium			EPA 270.2	02/22/96	ND	0.010
01075	Silver			EPA 272.2	02/22/96	ND	0.005
01057	Thallium			EPA 279.2	02/27/96	ND	0.005
01085	Vanadium			EPA 286.2	02/22/96	0.144	0.025
71890	Mercury			EPA 245.1	02/22/96	0.0024	0.0002
01100	Tin			EPA 200.7	02/21/96	ND	0.300
01090	Zinc			EPA 289.1	02/22/96	ND	0.050
00723	Cyanide			EPA 335.2	02/21/96	ND	0.010

* Attach Laboratory Reports

PART III - ANALYTICAL RESULTS (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units ($\mu\text{g/l}$)	Detection Limits/ Units ($\mu\text{g/l}$)
81552	Acetone			EPA 8260A	02/19/96	57	1.00
34215	Acrylonitrile			EPA 8260A	02/19/96	ND	5.00
34235	Benzene			EPA 8260A	02/19/96	ND	1.00
N/A	Bromochloromethane			EPA 8260A	02/19/96	ND	1.00
32101	Bromodichloromethane			EPA 8260A	02/19/96	ND	1.00
32104	Bromoform			EPA 8260A	02/19/96	ND	2.00
77041	Carbon disulfide			EPA 8260A	02/19/96	ND	1.00
32102	Carbon tetrachloride			EPA 8260A	02/19/96	ND	1.00
34301	Chlorobenzene			EPA 8260A	02/19/96	ND	1.00
34311	Chloroethane			EPA 8260A	02/19/96	ND	1.00
32106	Chloroform			EPA 8260A	02/19/96	ND	1.00
32105	Dibromochloromethane			EPA 8260A	02/19/96	ND	1.00
38761	1,2-Dibromo-3-chloropropane			EPA 8260A	02/19/96	ND	1.00
77651	1,2-Dibromoethane			EPA 8260A	02/19/96	ND	1.00
34537	o-Dichlorobenzene			EPA 8260A	02/19/96	ND	2.00
34571	p-Dichlorobenzene			EPA 8260A	02/19/96	ND	2.00
49263	Trans-1,4-Dichloro-2-butene			EPA 8260A	02/19/96	ND	1.00
34496	1,1-Dichloroethane			EPA 8260A	02/19/96	ND	2.00
32103	1,2-Dichloroethane			EPA 8260A	02/19/96	ND	2.00
34502	1,1-Dichloroethene			EPA 8260A	02/19/96	ND	1.00
81686	cis-1,2-Dichloroethene			EPA 8260A	02/19/96	ND	2.00
34546	trans-1,2-Dichloroethene			EPA 8260A	02/19/96	ND	1.00
34541	1,2-Dichloropropane			EPA 8260A	02/19/96	ND	1.00
34704	cis-1,3-Dichloropropene			EPA 8260A	02/19/96	ND	1.00
34699	trans-1,3-Dichloropropene			EPA 8260A	02/19/96	ND	1.00
78113	Ethylbenzene			EPA 8260A	02/19/96	ND	1.00
77103	2-Hexanone			EPA 8260A	02/19/96	ND	1.00
34413	Methyl bromide			EPA 8260A	02/19/96	ND	1.00

* Attach Laboratory Reports

PART III - ANALYTICAL RESULTS (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units ($\mu\text{g/l}$)	Detection Limits/ Units ($\mu\text{g/l}$)
34418	Methyl chloride			EPA 8260A	02/19/96	ND	1.00
77596	Methylene bromide			EPA 8260A	02/19/96	ND	2.00
34423	Methylene chloride			EPA 8260A	02/19/96	ND	2.00
81595	Methyl ethyl ketone			EPA 8260A	02/19/96	4.7	1.00
49262	Methyl iodide			EPA 8260A	02/19/96	ND	2.00
78133	4-Methyl-2-pentanone			EPA 8260A	02/19/96	ND	1.00
77128	Styrene			EPA 8260A	02/19/96	ND	1.00
77562	1,1,1,2-Tetrachloroethane			EPA 8260A	02/19/96	ND	1.00
34516	1,1,2,2-Tetrachloroethane			EPA 8260A	02/19/96	ND	2.00
34476	Tetrachloroethene			EPA 8260A	02/19/96	ND	1.00
78131	Toluene			EPA 8260A	02/19/96	ND	1.00
34506	1,1,1-Trichloroethane			EPA 8260A	02/19/96	ND	2.00
34511	1,1,2-Trichloroethane			EPA 8260A	02/19/96	ND	1.00
34485	Trichloroethene			EPA 8260A	02/19/96	ND	1.00
34488	Trichlorofluoromethane			EPA 8260A	02/19/96	ND	1.00
77443	1,2,3-Trichloropropane			EPA 8260A	02/19/96	ND	2.00
77057	Vinyl acetate			EPA 8260A	02/19/96	ND	2.00
39175	Vinyl chloride			EPA 8260A	02/19/96	ND	1.00
81551	Xylenes			EPA 8260A	02/19/96	ND	2.00

* Attach Laboratory Reports

PART III - ANALYTICAL RESULTS (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units ($\mu\text{g/l}$)	Detection Limits/ Units ($\mu\text{g/l}$)
34205	Acenaphthene			EPA 8270A	02/19/96	ND	5.00
34200	Acenaphthylene			EPA 8270A	02/19/96	ND	5.00
N/A	Acetonitrile			EPA 8260A	02/19/96	ND	100
81553	Acetophenone			EPA 8270A	02/19/96	ND	10.0
N/A	2-Acetylaminofluorene			EPA 8270A	02/19/96	ND	10.0
34210	Acrolein			EPA 8260A	02/19/96	ND	15.0
39330	Aldrin			EPA 8270A	02/19/96	ND	10.0
78109	Allyl chloride			EPA 8260A	02/19/96	ND	5.00
N/A	4-Aminobiphenyl			EPA 8270A	02/19/96	ND	10.0
34220	Anthracene			EPA 8270A	02/19/96	ND	5.00
34527	Benzo(a)anthracene			EPA 8270A	02/19/96	ND	5.00
34230	Benzo(b)fluoranthene			EPA 8270A	02/19/96	ND	5.00
34242	Benzo(k)fluoranthene			EPA 8270A	02/19/96	ND	5.00
34522	Benzo(ghi)perylene			EPA 8270A	02/19/96	ND	5.00
34247	Benzo(a)pyrene			EPA 8270A	02/19/96	ND	5.00
77147	Benzyl alcohol			EPA 8270A	02/19/96	ND	25.0
39337	alpha-BHC			EPA 8270A	02/19/96	ND	10.0
39338	beta-BHC			EPA 8270A	02/19/96	ND	10.0
34259	delta-BHC			EPA 8270A	02/19/96	ND	10.0
39340	gamma-BHC			EPA 8270A	02/19/96	ND	10.0
34278	Bis(2-chloroethoxy)methane			EPA 8270A	02/19/96	ND	10.0
34273	Bis(2-chloroethyl)ether			EPA 8270A	02/19/96	ND	10.0
34284	Bis(2-chloroisopropyl)ether			EPA 8270A	02/19/96	ND	10.0
39100	Bis(2-ethylhexyl)phthalate			EPA 8270A	02/19/96	ND	5.00
34636	4-Bromophenyl phenyl ether			EPA 8270A	02/19/96	ND	10.0
51003	Butyl benzyl phthalate			EPA 8270A	02/19/96	ND	10.0
39350	Chlordane			EPA 8270A	02/19/96	ND	0.010
60037	p-Chloroaniline			EPA 8270A	02/19/96	ND	10.0
39460	Chlorobenzilate			EPA 8270A	02/19/96	ND	10.0

* Attach Laboratory Reports

PART III - ANALYTICAL RESULTS (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units ($\mu\text{g/l}$)	Detection Limits/ Units ($\mu\text{g/l}$)
N/A	4-Chloro-3-methylphenol			EPA 8270A	02/19/96	ND	10.0
34581	2-Chloronaphthalene			EPA 8270A	02/19/96	ND	10.0
34586	2-Chlorophenol			EPA 8270A	02/19/96	ND	10.0
34641	4-Chlorophenyl phenyl ether			EPA 8270A	02/19/96	ND	10.0
34320	Chrysene			EPA 8270A	02/19/96	ND	5.00
N/A	3-Methylphenol			EPA 8270A	02/19/96	ND	10.0
77152	2-Methylphenol			EPA 8270A	02/19/96	ND	10.0
N/A	4-Methylphenol			EPA 8270A	02/19/96	ND	10.0
39730	2,4-D			EPA 8150W	02/15/96	ND	0.5
39361	4,4'-DDD			EPA 8270A	02/19/96	ND	10.0
39366	4,4'-DDE			EPA 8270A	02/19/96	ND	10.0
39371	4,4'-DDT			EPA 8270A	02/19/96	ND	10.0
N/A	Diallate			EPA 8270A	02/19/96	ND	25.0
51004	Dibenzo(a,h)anthracene			EPA 8270A	02/19/96	ND	5.00
81302	Dibenzofuran			EPA 8270A	02/19/96	ND	10.0
39110	Di-n-butyl phthalate			EPA 8270A	02/19/96	ND	10.0
34631	3,3'-Dichlorobenzidine			EPA 8270A	02/19/96	ND	10.0
34601	2,4-Dichlorophenol			EPA 8270A	02/19/96	ND	10.0
77541	2,6-Dichlorophenol			EPA 8270A	02/19/96	ND	10.0
39380	Dieldrin			EPA 8270A	02/19/96	ND	10.0
34336	Diethyl phthalate			EPA 8270A	02/19/96	ND	10.0
N/A	0,0-Diethyl 0,2-pyrazinyl phosphorothioate			EPA 8270A	02/19/96	ND	10.0
46314	Dimethoate			EPA 8270A	02/19/96	ND	10.0
N/A	p-(Dimethylamino)azobenzene			EPA 8270A	02/19/96	ND	10.0
N/A	7,12-Dimethylbenz(a)anthracene			EPA 8270A	02/19/96	ND	10.0
N/A	3,3'-Dimethylbenzidine			EPA 8270A	02/19/96	ND	10.0
34606	2,4-Dimethylphenol			EPA 8270A	02/19/96	ND	10.0
34341	Dimethyl phthalate			EPA 8270A	02/19/96	ND	10.0
N/A	m-Dinitrobenzene			EPA 8270A	02/19/96	ND	10.0

* Attach Laboratory Reports

PART III - ANALYTICAL RESULTS (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units ($\mu\text{g/l}$)	Detection Limits/ Units ($\mu\text{g/l}$)
51008	4,6-Dinitro-o-cresol			EPA 8270A	02/19/96	ND	25.0
34616	2,4-Dinitrophenol			EPA 8270A	02/19/96	ND	25.0
34611	2,4-Dinitrotoluene			EPA 8270A	02/19/96	ND	10.0
34626	2,6-Dinitrotoluene			EPA 8270A	02/19/96	ND	10.0
38779	Dinoseb			EPA 8150W	02/15/96	ND	0.5
34597	Di-n-octyl phthalate			EPA 8270A	02/19/96	ND	10.0
77579	Diphenylamine			EPA 8270A	02/19/96	ND	10.0
81888	Disulfoton			EPA 8141	02/19/96	ND	1.00
34361	Endosulfan I			EPA 8270A	02/19/96	ND	10.0
34356	Endosulfan II			EPA 8270A	02/19/96	ND	10.0
34351	Endosulfan sulfate			EPA 8270A	02/19/96	ND	10.0
39390	Endrin			EPA 8270A	02/19/96	ND	10.0
34366	Endrin aldehyde			EPA 8270A	02/19/96	ND	10.0
N/A	Ethyl methanesulfonate			EPA 8270A	02/19/96	ND	10.0
38462	Famphur			EPA 8270A	02/19/96	ND	10.0
34376	Fluoranthene			EPA 8270A	02/19/96	ND	5.00
34381	Fluorene			EPA 8270A	02/19/96	ND	5.00
39410	Heptochlor			EPA 8270A	02/19/96	ND	50.0
39420	Heptochlor epoxide			EPA 8270A	02/19/96	ND	10.0
39700	Hexachlorobenzene			EPA 8270A	02/19/96	ND	10.0
34391	Hexachlorobutadiene			EPA 8270A	02/19/96	ND	10.0
34386	Hexachlorocyclopentadiene			EPA 8270A	02/19/96	ND	10.0
34396	Hexachloroethane			EPA 8270A	02/19/96	ND	10.0
N/A	Hexachloropropene			EPA 8270A	02/19/96	ND	10.0
77033	Isobutyl alcohol			EPA 8260A	02/19/96	ND	5.00
39430	Isodrin			EPA 8270A	02/19/96	ND	10.0
34408	Isophorone			EPA 8270A	02/19/96	ND	10.0
N/A	Isosafrole			EPA 8270A	02/19/96	ND	10.0
81593	Methacrylonitrile			EPA 8260A	02/19/96	ND	2.00

* Attach Laboratory Reports

PART III - ANALYTICAL RESULTS (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units ($\mu\text{g/l}$)	Detection Limits/ Units ($\mu\text{g/l}$)
N/A	Methapyrilene			EPA 8270A	02/19/96	ND	10.0
39480	Methoxychlor			EPA 8270A	02/19/96	ND	10.0
N/A	3-Methylcholanthrene			EPA 8270A	02/19/96	ND	10.0
81597	Methyl methacrylate			EPA 8260A	02/19/96	ND	2.00
N/A	Methyl methanesulfonate			EPA 8270A	02/19/96	ND	10.0
77416	2-Methylnaphthalene			EPA 8270A	02/19/96	ND	5.00
39600	Methyl parathion			EPA 8270A	02/19/96	ND	10.0
34696	Naphthalene			EPA 8270A	02/19/96	ND	5.00
N/A	1,4-Naphthoquinone			EPA 8270A	02/19/96	ND	10.0
N/A	1-Naphthylamine			EPA 8270A	02/19/96	ND	10.0
N/A	2-Naphthylamine			EPA 8270A	02/19/96	ND	10.0
N/A	2-Nitroaniline			EPA 8270A	02/19/96	ND	10.0
78300	3-Nitroaniline			EPA 8270A	02/19/96	ND	10.0
30342	4-Nitroaniline			EPA 8270A	02/19/96	ND	10.0
34447	Nitrobenzene			EPA 8270A	02/19/96	ND	10.0
34591	2-Nitrophenol			EPA 8270A	02/19/96	ND	10.0
34646	4-Nitrophenol			EPA 8270A	02/19/96	ND	10.0
N/A	n-Nitrosodi-n-butylamine			EPA 8270A	02/19/96	ND	10.0
78200	n-Nitrosodiethylamine			EPA 8270A	02/19/96	ND	10.0
34438	n-Nitrosodimethylamine			EPA 8270A	02/19/96	ND	10.0
34433	n-Nitrosodiphenylamine			EPA 8270A	02/19/96	ND	10.0
34429	n-Nitroso-n-dipropylamine			EPA 8270A	02/19/96	ND	10.0
N/A	n-Nitrosomethylethylamine			EPA 8270A	02/19/96	ND	10.0
N/A	n-Nitrosopiperidine			EPA 8270A	02/19/96	ND	10.0
78206	n-Nitrosopyrrolidine			EPA 8270A	02/19/96	ND	10.0
N/A	5-Nitro-o-toluidine			EPA 8270A	02/19/96	ND	10.0
39540	Parathion			EPA 8141	02/19/96	ND	0.500
77793	Pentachlorobenzene			EPA 8270A	02/19/96	ND	10.0
81316	Pentachloronitrobenzene			EPA 8270A	02/19/96	ND	10.0

* Attach Laboratory Reports

PART III - ANALYTICAL RESULTS (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units ($\mu\text{g/l}$)	Detection Limits/ Units ($\mu\text{g/l}$)
39032	Pentachlorophenol			EPA 8270A	02/19/96	ND	10.0
N/A	Phenacetin			EPA 8270A	02/19/96	ND	10.0
34461	Phenanthrene			EPA 8270A	02/19/96	ND	5.00
32730	Phenol			EPA 8270A	02/19/96	ND	10.0
N/A	p-Phenylenediamine			EPA 8270A	02/19/96	ND	10.0
46313	Phorate			EPA 8270A	02/19/96	ND	10.0
39516	PCBs			EPA 8270A	02/19/96	ND	200
39080	Pronamide			EPA 8270A	02/19/96	ND	10.0
77007	Propionitrile			EPA 8260A	02/19/96	ND	1.00
34469	Pyrene			EPA 8270A	02/19/96	ND	5.00
77545	Safrole			EPA 8270A	02/19/96	ND	10.0
39760	Silvex			EPA 8150W	02/15/96	ND	0.5
81520	Chloroprene			EPA 8260A	02/19/96	ND	2.00
00746	Sulfide			EPA 376.1	02/13/96	ND	0.10
39740	2,4,5-T			EPA 8150W	02/15/96	ND	0.5
77734	Tetrachlorobenzene			EPA 8270A	02/19/96	ND	10.0
N/A	Tetrachlorophenol			EPA 8270A	02/19/96	ND	10.0
77142	o-Toluidine			EPA 8270A	02/19/96	ND	10.0
39401	Toxaphene			EPA 8270A	02/19/96	ND	10.0
34551	1,2,4-Trichlorobenzene			EPA 8270A	02/19/96	ND	10.0
77687	2,4,5-Trichlorophenol			EPA 8270A	02/19/96	ND	10.0
34621	2,4,6-Trichlorophenol			EPA 8270A	02/19/96	ND	10.0
N/A	Triethyl phosphorothioate			EPA 8270A	02/19/96	ND	10.0
N/A	1,3,5-Trinitrobenzene			EPA 8270A	02/19/96	ND	10.0
77173	1,3-Dichloropropane			EPA 8260A	02/19/96	ND	1.00
77170	2,2-Dichloropropane			EPA 8260A	02/19/96	ND	2.00
77168	1,1-Dichloropropene			EPA 8260A	02/19/96	ND	1.00
34566	1,3-Dichlorobenzene			EPA 8260A	02/19/96	ND	2.00

* Attach Laboratory Reports

* Attach Laboratory Reports



BROWARD TESTING LABORATORY, INC.

4416 N.E. 11TH AVE., FORT LAUDERDALE, FLORIDA 33334



Date: 02/14/96 Report #: 7020173 Laboratory ID #: 86418

Client: PASCO COUNTY UTILITIES

ATTN: CANDY MULHERN

8864 GOVERNMENT DR.

NEW PORT RICHEY, FL 34654-

Date Collected: 02/08/96

Time Collected: 09:30

SOURCE: RESOURCE RECOVERY LEACHATE

SW-PRIMARY

pH=6.61

Date received at lab: 02/09/96

Time received at lab: 10:55

Collected by : CC

ENVIRONMENTAL LABORATORY CERTIFICATION NUMBER 86035 LABORATORY PARAMETER ANALYSIS REPORT

Analysis
Performed

Method

Analysis
Result
(mg/l)

Anal
Date

ALL PARAMETERS WERE SUBCONTRACTED TO TOXICON LAB. SEE ATTACHED.

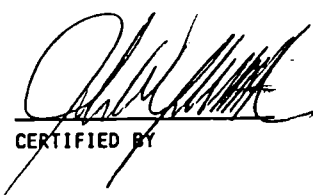
Gary Meyer, Lab Director

Received: 02/12/96

03/12/96 09:30:24

REPORT NATIONAL TESTING LABORATORY
TO 6555 WILSON MILLS ROAD
CLEVELAND, OHIO 44143
1(800)458-3330 F(216)449-8585
ATTEN SUSAN HENDERSON

PREPARED TOXIKON WEST PALM BEACH
BY 1860 OLD OKEECHOBEE RD. #401
WEST PALM BEACH, FL 33409
HRS #E86278 QA# 910150G
ATTEN JOHN YAREMCHUK
PHONE (407) 478-4803 FAX 478-0214

CERTIFIED BY CONTACT JOHN

CLIENT NTL SAMPLES 7
COMPANY NATIONAL TESTING LABORATORY
FACILITY 6555 WILSON MILLS ROAD
CLEVELAND, OHIO 44143

WORK ID 7020173-0176TAKEN 02/08/96TRANS COURIERTYPE LIQUID

P.O. # _____

INV. # 2905Previously Reported on 03/07/96.First Reported on 03/05/96.

SAMPLE IDENTIFICATION

01 7020173 SW-Primary
02 7020174 SW-Secondary
03 7020175 A1-Primary
04 7020176 A1-Secondary
05 METHOD BLANK
06 MEAN % RECOVERY
07 RPD

TEST CODES and NAMES used on this workorder

8141 ORGANOPHOSPHORUS PESTICIDE
8150W CHLORINATED HERB. - WATER
8260A2 PURGEABLE ORGANICS VOA
8270A2 A/BN EXTRACTABLES SOIL
AG SILVER
AS ARSENIC
BA BARIUM
BE BERYLLIUM
CD CADMIUM
CN TOT CYANIDE TOTAL
CO COBALT
CR CHROMIUM
CU COPPER
HG MERCURY
MEX TW METALS, TOTAL EXT., WATER
NI NICKEL
PB LEAD
SB ANTIMONY
SE SELENIUM
S FID SULFIDE
TL THALLIUM
V VANADIUM
ZN Zinc

Received: 02/12/96

Results by Sample

SAMPLE ID <u>7020173</u> / <u>SW-1^o</u>		SAMPLE # <u>01</u> FRACTIONS: <u>A</u>	
		Date & Time Collected <u>02/08/96 09:30:00</u> Category <u>LIQUID</u>	
AG	ND	AS	0.016
mg/L DL=0.005		mg/L DL=0.005	
BA	ND	BE	ND
mg/L DL=0.250		mg/L DL=0.010	
CD	ND	CN_TOT	ND
mg/L DL=0.010		mg/L DL=0.010	
CO	ND	CR	ND
mg/L DL=0.005		mg/L DL=0.010	
CU	0.092	HG	0.0024
mg/L DL=0.050		mg/L DL=0.0002	
NI	0.131	PB	ND
mg/L DL=0.050		mg/L DL=0.005	
SB	0.167	SE	ND
mg/L DL=0.100		mg/L DL=0.010	
S_FID	ND	TL	ND
mg/L DL=0.10		mg/L DL=0.005	
V	0.144	ZN	ND
mg/L DL=0.025		mg/L DL=0.050	

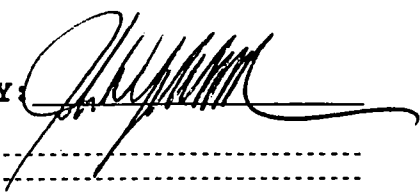
HRS# E86278-ENVIRONMENTAL
86396-DRINKING WATER

Page 1 of 1

NATIONAL TESTING LABORATORY
6555 Wilson Mills Road
Cleveland, Ohio 44143

REPORT DATE: 05/02/96
WORK ORDER# 96-02-089

Attn: Ms. S. Henderson

CERTIFIED BY: 

PROJECT ID: 7020173

SAMPLE ID: SW-PRIMARY

Parameter	Method	Result	Units	Detection Limit	Date Analyzed	Analyst
Tin	EPA 200.7	<0.300	mg/L	0.300	02/21/96	BED
Chlordane	EPA 8270A	<0.010	mg/L	0.010	02/19/96	HB

PROJECT ID: 7020174

SAMPLE ID: SW-SECONDARY

Parameter	Method	Result	Units	Detection Limit	Date Analyzed	Analyst
Tin	EPA 200.7	<0.300	mg/L	0.300	02/21/96	BED
Chlordane	EPA 8270A	<0.010	mg/L	0.010	02/19/96	HB

PROJECT ID: 7020175

SAMPLE ID: A-1 PRIMARY

Parameter	Method	Result	Units	Detection Limit	Date Analyzed	Analyst
Tin	EPA 200.7	<0.300	mg/L	0.300	02/21/96	BED
Chlordane	EPA 8270A	<0.010	mg/L	0.010	02/19/96	HB

PROJECT ID: 7020176

SAMPLE ID: A-1 SECONDARY

Parameter	Method	Result	Units	Detection Limit	Date Analyzed	Analyst
Tin	EPA 200.7	<0.300	mg/L	0.300	02/21/96	BED
Chlordane	EPA 8270A	<0.010	mg/L	0.010	02/19/96	HB

QC Tin: Method Blank <0.300 mg/L
Mean % Recovery 88.2%

PAGE 4

NTL #	ANALYTE	DATE	ANALYST
7020074	AG	02/09/96	NRW
	AS	02/08/96	NRW
	BA	02/14/96	NRW
	BE	02/12/96	NRW
	CD	02/14/96	NRW
	CO	02/12/96	NRW
	CR	02/08/96	NRW
	CU	02/09/96	IE
	NI	02/08/96	IE
	PB	02/09/96	NRW
	SB	02/12/96	NRW
	SE	02/08/96	NRW
	TL	02/12/96	NRW
	V	02/12/96	NRW
	ZN	02/08/96	IE

(CYANIDE TO BE RESAMPLED)

7020173,	AG	02/22/96	NRW
7020175,	AS	02/22/96	NRW
7020176	BA	02/22/96	NRW
	BE	02/22/96	NRW
	CD	02/22/96	NRW
	CN_TOT	02/21/96	EF
	CO	02/22/96	NRW
	CR	02/22/96	NRW
	CU	02/22/96	IE
	HG	02/22/96	CW
	NI	02/22/96	IE
	PB	02/22/96	NRW
	SB	02/28/96	NRW
	SE	02/22/96	NRW
	S_FID	02/13/96	MO
	SN	02/21/96	BED
	TL	02/27/96	NRW
	V	02/22/96	NRW
	ZN	02/22/96	IE

Received: 02/12/96

Results by Sample

SAMPLE ID 7020173 / SW-1^oFRACTION 01A TEST CODE 8141 NAME ORGANOPHOSPHORUS PESTICIDEDate & Time Collected 02/08/96 09:30:00 Category LIQUID**EPA 8141 - ORGANOPHOSPHORUS PESTICIDES**

		DETECTION
Azinphos methyl	ND	1.00T
Bolstar	ND	1.00
Chlorpyrifos	ND	2.50
Coumaphos	ND	1.00
Demeton-o	ND	1.00
Demeton-s	ND	1.00
Diazinon	ND	2.50
Dichlorovos	ND	1.00
Dimethoate	ND	1.00
Disulfoton	ND	1.00
EPN	ND	1.00
Ethoprop	ND	2.50
Fensulfothion	ND	1.00
Fenthion	ND	1.00
Malathion	ND	1.00
Merphos	ND	1.00
Mevinphos	ND	1.00
Naled	ND	1.00
Parathion	ND	0.500
Methyl parathion	ND	0.500
Phorate	ND	1.00
Ronnel	ND	1.00
Sulfotep	ND	1.00
Tetrachlorvinphos	ND	1.00
TEPP	2.0	1.00
Tokuthion	ND	1.00
Trichloronate	ND	1.00

Surrogates	% Recovery	Surrogate Limits
1,3-DMNB	71	40 - 120

Notes and Definitions for this Report:

EXTRACTED: 02/15/96
DATE RUN: 02/19/96
ANALYST: HB
INSTRUMENT: GC
DIL. FACTOR: 1
UNITS: ug/L

ND = not detected at detection limit

Received: 02/12/96

Results by Sample

SAMPLE ID 7020173FRACTION 01A TEST CODE 8150W NAME CHLORINATED HERB. - WATERDate & Time Collected 02/08/96 09:30:00 Category LIQUID

	RESULT	LIMIT	UNITS = ug/L
2,4-DB	<u>ND</u>	<u>0.5</u>	
2,4-D	<u>ND</u>	<u>0.5</u>	
2,4,5-T	<u>ND</u>	<u>0.5</u>	
Silvex (2,4,5-TP)	<u>ND</u>	<u>0.5</u>	
Dinoseb (DNBP)	<u>ND</u>	<u>0.5</u>	
Dalapon	<u>ND</u>	<u>0.5</u>	
Dicamba	<u>ND</u>	<u>0.5</u>	
Dichlorprop	<u>ND</u>	<u>0.5</u>	
MCPA	<u>ND</u>	<u>50</u>	
MCPP	<u>ND</u>	<u>50</u>	

Notes and Definitions for this Report:

EXTRACTED: 02/14/96
DATE RUN: 02/15/96
ANALYST: BR
INSTRUMENT: HP-2
DIL. FACTOR: 1

ND = not detected at detection limit

Received: 02/12/96

Results by Sample

SAMPLE ID 7020173FRACTION 01ATEST CODE 8260A2NAME PURGEABLE ORGANICS VOADate & Time Collected 02/08/96 09:30:00Category LIQUID**EPA 8260A PURGEABLE ORGANICS**

	RESULT	LIMIT		RESULT	LIMIT
Acetone	57	1.00			
Acetonitrile	ND	100	Ethylbenzene	ND	1.00
Acrolein	ND	15.0	Ethyl methacrylate	ND	2.00
Acrylonitrile	ND	5.00	2-Hexanone	ND	1.00
Allyl chloride	ND	5.00	Isobutyl alcohol	ND	5.00
Benzene	ND	1.00	Methacrylonitrile	ND	2.00
Bromochloromethane	ND	1.00	Methyl bromide	ND	1.00
Bromodichloromethane	ND	1.00	Methyl chloride	ND	1.00
Bromoform	ND	2.00	Methylene bromide	ND	2.00
Carbon disulfide	ND	1.00	Methylene chloride	ND	2.00
Carbon tetrachloride	ND	1.00	Methyl ethyl ketone	4.7	1.00
Chlorobenzene	ND	1.00	Methyl iodide	ND	2.00
Chloroethane	ND	1.00	Methyl methacrylate	ND	2.00
Chloroform	ND	1.00	4-Methyl-2-pentanone	ND	1.00
Chloroprene	ND	2.00	Propionitrile	ND	1.00
Dibromochloromethane	ND	1.00	Styrene	ND	1.00
1,2-Dichlorobenzene	ND	2.00	1,1,1,2-Tetrachloroethane	ND	1.00
1,3-Dichlorobenzene	ND	2.00	1,1,2,2-Tetrachloroethane	ND	2.00
1,4-Dichlorobenzene	ND	2.00	Tetrachloroethene	ND	1.00
trans-1,4-Dichloro-2-butene	ND	1.00	Toluene	ND	1.00
Dichlorodifluoromethane	ND	1.00	1,1,1-Trichloroethane	ND	2.00
1,1-Dichloroethane	ND	2.00	1,1,2-Trichloroethane	ND	1.00
1,2-Dichloroethane	ND	2.00	Trichloroethene	ND	1.00
1,1-Dichloroethene	ND	1.00	Trichlorofluoromethane	ND	1.00
cis-1,2-Dichloroethene	ND	2.00	1,2,3-Trichloropropane	ND	2.00
trans-1,2-Dichloroethene	ND	1.00	Vinyl acetate	ND	2.00
1,2-Dichloropropane	ND	1.00	Vinyl chloride	ND	1.00
1,3-Dichloropropane	ND	1.00	Total xylenes	ND	2.00
2,2-Dichloropropane	ND	2.00	1,2-Dibromo-3-chloropropane	ND	1.00
1,1-Dichloropropene	ND	2.00	1,2-Dibromomethane	ND	1.00
cis-1,3-Dichloropropene	ND	1.00			
trans-1,3-Dichloropropene	ND	1.00			

Surrogates	% Recovery	Surrogate Limits
Dibromofluoromethane	99	75 - 135
Toluene-d8	92	64 - 142
Bromofluorobenzene	88	79 - 112

Notes and Definitions for this Report:

DATE RUN: 02/19/96ANALYST: HBINSTRUMENT: GC/MSDIL. FACTOR: 1

COMMENTS: _____

UNITS: ug/L

ND = not detected at detection limit

Received: 02/12/96

Results by Sample

SAMPLE ID 7020173

FRACTION 01A TEST CODE 8270A2 NAME A/BN EXTRACTABLES SOIL

Date & Time Collected 02/08/96 09:30:00

Category LIQUID

EPA METHOD 8270A

ANALYTE	RESULT	LIMIT	ANALYTE	RESULT	LIMIT
Acenaphthene	ND	5.00	3,3'-Dimethylbenzidine	ND	10.0
Acenaphthylene	ND	5.00	2,4-Dimethylphenol	ND	10.0
Acetophenone	ND	10.0	Dimethyl phthalate	ND	10.0
2-Acetyaminofluorene	ND	10.0	1-3-Dinitrobenzene	ND	10.0
4-Aminobiphenyl	ND	10.0	4,6-Dinitro-2-methylphenol	ND	25.0
Anthracene	ND	5.00	2,4-Dinitrophenol	ND	25.0
Benz(a)anthracene	ND	5.00	2,4-Dinitrotoluene	ND	10.0
Benzo(b)fluoranthene	ND	5.00	2,6-Dinitrotoluene	ND	10.0
Benzo(k)fluoranthene	ND	5.00	Di-n-octyl phthalate	ND	10.0
Benzo(g,h,i)perylene	ND	5.00	Diphenylamine	ND	10.0
Benzo(a)pyrene	ND	5.00	Disulfoton	ND	10.0
Benzyl alcohol	ND	25.0	Ethyl methanesulfonate	ND	10.0
Bis(2-chloroethoxy)methane	ND	10.0	Famphur (Famophos)	ND	10.0
Bis(2-chloroethyl)ether	ND	10.0	Fluoranthene	ND	5.00
Bis(2-chloromethylethyl)ether	ND	10.0	Fluorene	ND	5.00
Bis(2-ethylhexyl)phthalate	ND	5.00	Heptachlor	ND	50.0
4-Bromophenyl phenyl ether	ND	10.0	Hexachlorobutadiene	ND	10.0
Butyl benzyl phthalate	ND	10.0	Hexachlorocyclopentadiene	ND	10.0
p-Chloroaniline	ND	10.0	Hexachloroethane	ND	10.0
Chlorobenzilate	ND	10.0	Hexachloropropene	ND	10.0
4-Chloro-3-methylphenol	ND	10.0	Indeno(1,2,3-cd)pyrene	ND	5.00
2-Chloronaphthalene	ND	10.0	Isodrin	ND	10.0
2-Chlorophenol	ND	10.0	Isophorone	ND	10.0
4-Chlorophenyl phenyl ether	ND	10.0	Isosafrole	ND	10.0
Chrysene	ND	5.00	Kepone	ND	20.0
o-Cresol(2-Methylphenol)	ND	10.0	Methapyrilene	ND	10.0
m-Cresol(3-Methylphenol)	ND	10.0	3-Methylcholanthrene	ND	10.0
p-Cresol(4-Methylphenol)	ND	10.0	Methyl methanesulfonate	ND	10.0
Diallate (total)	ND	25.0	2-Methylnaphthalene	ND	5.00
Dibenz(a,h)anthracene	ND	5.00	Methyl parathion	ND	10.0
Dibenzofuran	ND	10.0	Naphthalene	ND	5.00
Di-n-butyl phthalate	ND	10.0	1,4-Naphthoquinone	ND	10.0
1,2-Dichlorobenzene	ND	5.00	1-Naphthylamine	ND	10.0
1,3-Dichlorobenzene	ND	5.00	2-Naphthylamine	ND	10.0
1,4-Dichlorobenzene	ND	5.00	2-Nitroaniline	ND	10.0
3,3'-Dichlorobenzidine	ND	10.0	3-Nitroaniline	ND	10.0
2,4-Dichlorophenol	ND	10.0	4-Nitroaniline	ND	10.0
2,6-Dichlorophenol	ND	10.0	Nitrobenzene	ND	10.0
Diethyl phthalate	ND	10.0	2-Nitrophenol	ND	10.0
0,0-Diethyl 0-2-pyrazinyl			4-Nitrophenol	ND	10.0
phosphoroethoate	ND	10.0	n-Nitrosodi-n-butylamine	ND	10.0
Dimethoate	ND	10.0	n-Nitrosodiethylamine	ND	10.0
p-(Dimethylamino)azobenzene	ND	10.0	n-Nitrosodimethylamine	ND	10.0
7,12-Dimethylbenz(a)anthracene	ND	10.0	n-Nitrosodiphenylamine	ND	10.0

CONTINUED ON FOLLOWING PAGE

Received: 02/12/96

Results by Sample

Continued From Above

SAMPLE ID 7020173FRACTION 01A TEST CODE 8270A2 NAME A/BN EXTRACTABLES SOILDate & Time Collected 02/08/96 09:30:00Category LIQUID**EPA METHOD 8270A**

ANALYTE	RESULT	LIMIT	ANALYTE	RESULT	LIMIT
n-Nitroso-n-dipropylamine	ND	10.0	1,2,4-Trichlorobenzene	ND	10.0
n-Nitrosomethylethylamine	ND	10.0	2,4,5-Trichlorophenol	ND	10.0
n-Nitrosopiperidine	ND	10.0	2,4,6-Trichlorophenol	ND	10.0
n-Nitrosopyrrolidine	ND	10.0	Triethyl phosphorothioate	ND	10.0
5-Nitro-o-toluidine	ND	10.0	1,3,5-Trinitrobenzene	ND	10.0
Parathion (Parathion ethyl)	ND	10.0	Aldrin	ND	10.0
PCB's (Total)	ND	200	Alpha-BHC	ND	10.0
Pentachlorobenzene	ND	10.0	Beta-BHC	ND	10.0
Pentachloronitrobenzene	ND	10.0	Delta-BHC	ND	10.0
Pentachlorophenol	ND	10.0	Gamma-BHC (Lindane)	ND	10.0
Phenacetin	ND	10.0	4,4'-DDT	ND	10.0
Phenanthrene	ND	5.00	4,4'-DDD	ND	10.0
Phenol	16	10.0	4,4'-DDE	ND	10.0
p-Phenylenediamine	ND	10.0	Dieldrin	ND	10.0
Phorate	ND	10.0	Endosulfan I	ND	10.0
Pronamide	ND	10.0	Endosulfan II	ND	10.0
Pyrene	ND	5.00	Endosulfan Sulfate	ND	10.0
Safrole	ND	10.0	Endrin	ND	10.0
1,2,4,5-Tetrachlorobenzene	ND	10.0	Endrin aldehyde	ND	10.0
2,3,4,6-Tetrachlorophenol	ND	10.0	Heptachlor epoxide	ND	10.0
o-Toluidine	ND	10.0	Hexachlorobenzene	ND	10.0
Toxaphene	ND	10.0	Methoxychlor	ND	10.0

Surrogates	% Recovery	Surrogate Limits
2-Fluorophenol	44	21 - 110
Phenol-d5	44	10 - 110
2-Chlorophenol-d4	44	20 - 130
1,2-Dichlorobenzene-d4	28	20 - 130
Nitrobenzene-d5	49	34 - 114
2-Fluorobiphenyl	39 Q	43 - 116
2,4,6-Tribromophenol	44	10 - 123
Terphenyl-d14	17 Q	33 - 141

Notes and Definitions for this Report:

UNITS: ug/L
 EXTRACTED: 02/13/96
 DATE RUN: 02/19/96
 ANALYST: HB
 INSTRUMENT: GC/MS
 DIL. FACTOR: 1

ND = not detected at detection limit

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030

Sampling Date/Time: 01/11/96 @ 1010

Test Site ID #:

Depart.

Environmental Protection

Report Period:

1996 / Quarter I

BY

(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):

or (MSL): NA

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000620	Nitrate	Well Wiz. Ded. Mon. System	No	EPA 353.2	01/25/96 1300	0.23 mg/L	0.15 mg/L
082079	Turbidity	"	"	SM 2130B	01/11/96 1715	1.4 NTU	0.01 NTU
000940	Chloride	"	"	SM 4500Cl-B	01/12/96 1600	81.2 mg/L	0.15 mg/L
000400	pH-Field	"	"	EPA 150.1	01/11/96 1010	7.84 Std. Units	0.01 Std. Units
070300	Total Dis. Solids	"	"	SM 2540C	01/12/96 1500	468 mg/L	1 mg/L
000344	Dissolved Oxygen	"	"	SM 4500 O G	01/11/96 1010	4.77 mg/L	0.01 mg/L
000680	TOC	"	"	EPA 415.1	01/17/96 1000	107.2 mg/L	0.50 mg/L
000410	Bicarbonate	"	"	EPA 310.1	01/12/96 1400	265 mg/L	1 mg/L
000095	Specific Cond. (Field)	"	"	SM 2510B	01/11/96 1010	706 µmhos/cm	0.00 µmhos/cm
000010	Temperature (Field)	"	"	SM 2550B	01/11/96 1010	15.09 °C	0 °C
000610	Ammonia	"	"	EPA 350.1	01/18/96 1600	0.10 mg/L	0.15 mg/L
000945	Sulfate	"	"	EPA 375.4	01/23/96 1400	1.9 mg/L	1 mg/L
000556	Oil & Grease	"	"	SM 5520B	01/17/96 1600	<3 mg/L	3 mg/L
000600	TON	"	"	EPA 350.1	01/18/96 1600	0.92 mg/L	0.07 mg/L
001034	Chromium	"	"	EPA 218.2	01/22/96 0945	<0.0010 mg/L	0.0010 mg/L
001051	Lead	"	"	EPA 239.2	01/22/96 1200	0.0018 mg/L	0.0010 mg/L

*Attach Laboratory Reports

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030

Sampling Date/Time: 01/11/96 @ 1010

Test Site ID #:

Report Period: 1996 / Quarter I
(year/quarter)

Well Name: SM Secondary Tank Leachate

Well Purged (Y/N): YES

Classification of Groundwater:

Well Type: () Background
() Intermediate
() Compliance
() Other

Groundwater Elevation (NGVD):

or (MSL): NA

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000600	Total Nitrogen	Well Miz. Ded. Mon. System	No	CALC	01/31/96 1730	1.25 mg/L	0.15 mg/L
001042	Copper	"	"	EPA 220.2	01/23/96 0830	0.02 mg/L	0.001 mg/L
001147	Selenium	"	"	EPA 270.2	01/22/96 1450	<0.0010 mg/L	0.001 mg/L
001027	Cadmium	"	"	EPA 213.2	01/22/96 1550	0.0020 mg/L	0.0005 mg/L
001045	Iron	"	"	EPA 236.2	01/23/96 0900	0.20 mg/L	0.001 mg/L
000929	Sodium	"	"	EPA 273.1	01/23/96 1525	24.9 mg/L	0.01 mg/L
001002	Arsenic	"	"	EPA 206.2	01/22/96 1340	0.0016 mg/L	0.001 mg/L
071900	Mercury	"	"	EPA 245.1	01/19/96 1450	<0.0005 mg/L	0.0005 mg/L
001012	Beryllium	"	"	EPA 210.2	01/22/96 1700	<0.0005 mg/L	0.0005 mg/L
000916	Calcium	"	"	EPA 215.1	01/23/96 1430	504 mg/L	0.1 mg/L
000927	Magnesium	"	"	EPA 242.1	01/23/96 1450	6.40 mg/L	0.005 mg/L
001055	Manganese	"	"	EPA 243.1	01/23/96 0830	<0.01 mg/L	0.03 mg/L
001067	Nickel	"	"	EPA 249.1	01/23/96 0845	<0.07 mg/L	0.07 mg/L
001077	Silver	"	"	EPA 272.2	01/22/96 1620	<0.0002 mg/L	0.0005 mg/L
001059	Thallium	"	"	EPA 279.2	01/22/96 1300	<0.0010 mg/L	0.001 mg/L
001097	Antimony	"	"	EPA 204.2	01/22/96 1100	<0.0010 mg/L	0.003 mg/L

*Attach Laboratory Reports

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030 Sampling Date/Time: 01/11/96 @ 1010
Test Site ID #: _____ Report Period: 1996 / Quarter I
(year/quarter)
Well Name: SM Secondary Tank Leachate Well Purged (Y/N): YES
Classification of Groundwater: _____ Well Type: () Background
() Intermediate
Groundwater Elevation (NGVD): _____ () Compliance
() Other
or (MSL): NA

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
001092	Zinc	Well Miz. Ded. Mon. System	No	EPA 289.1	01/23/96 0900	0.03 mg/L	0.005 mg/L
000612	NH ₄ -N	"	"	DEP SOP 10/03/83	01/24/96 1730	<0.02 mg/L	0.02 mg/L
078155	TOX	"	"	EPA 9020	01/22/96 1244	<0.05 mg/L	0.50 mg/L
900180	Phenols	"	"	EPA 420.1	01/22/96 1244	<0.010 mg/L	0.010 mg/L

*Attach Laboratory Reports

PART III - ANALYTICAL RESULTS

Facility GMS #: _____ Sampling Date/Time: 02/08/96 10:30
02/12/96 11:30
07/08/96 14:30

Test Site ID #: _____ Report Period: _____
 (Year/Quarter)

WELL NAME: SW-SECONDARY Well Type: () Background
 () Intermediate
 Classification of Ground Water: _____ () Compliance
 Ground Water Elevation (NGVD): _____ () Other
 or (MSL): _____

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)			EPA 170.1		degree,C	degree,C
00400	pH (field)			EPA 150.1		Std.Units	Std.Units
	Water Level Elev.			NA		Ft. NGVD	Ft. NGVD
00094	Specific Cond. (field)			EPA 120.1		μmhos/cm	μmhos/cm
01095	Antimony			EPA 204.2	02/28/96	ND	0.010
01000	Arsenic			EPA 206.2	02/23/96	ND	0.005
01005	Barium			EPA 208.2	02/26/96	ND	0.250
01010	Beryllium			EPA210.2	02/22/96	ND	0.010
01025	Cadmium			EPA 213.2	02/22/96	ND	0.010
01030	Chromium			EPA 218.2	02/22/96	ND	0.010
01035	Cobalt			EPA 219.2	02/22/96	ND	0.005
01040	Copper			EPA 220.1	02/22/96	ND	0.050
01049	Lead			EPA 239.2	02/22/96	ND	0.005
01065	Nickel			EPA 249.1	02/22/96	ND	0.050
01145	Selenium			EPA 270.2	02/22/96	ND	0.010
01075	Silver			EPA 272.2	02/26/96	ND	0.005
01057	Thallium			EPA 279.2	02/27/96	ND	0.010
01085	Vanadium			EPA 286.2	02/22/96	0.015	0.005
71890	Mercury			EPA 245.1	07/16/96	ND	0.0002
01100	Tin			EPA 200.7	02/21/96	ND	0.300
01090	Zinc			EPA 289.1	02/22/96	ND	0.050
00723	Cyanide			EPA 335.2	02/21/96	ND	0.010

* Attach Laboratory Reports

PART III - ANALYTICAL RESULTS (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units ($\mu\text{g/l}$) ⁺	Detection Limits/ Units ($\mu\text{g/l}$)
81552	Acetone			EPA 8260A	02/19/96	ND	1.00
34215	Acrylonitrile			EPA 8260A	02/19/96	ND	5.00
34235	Benzene			EPA 8260A	02/19/96	ND	1.00
N/A	Bromochloromethane			EPA 8260A	02/19/96	ND	1.00
32101	Bromodichloromethane			EPA 8260A	02/19/96	ND	1.00
32104	Bromoform			EPA 8260A	02/19/96	ND	2.00
77041	Carbon disulfide			EPA 8260A	02/19/96	ND	1.00
32102	Carbon tetrachloride			EPA 8260A	02/19/96	ND	1.00
34301	Chlorobenzene			EPA 8260A	02/19/96	ND	1.00
34311	Chloroethane			EPA 8260A	02/19/96	ND	1.00
32106	Chloroform			EPA 8260A	02/19/96	ND	1.00
32105	Dibromochloromethane			EPA 8260A	02/19/96	ND	1.00
38761	1,2-Dibromo-3-chloropropane			EPA 8260A	02/19/96	ND	1.00
77651	1,2-Dibromoethane			EPA 8260A	02/19/96	ND	1.00
34537	o-Dichlorobenzene			EPA 8260A	02/19/96	ND	2.00
34571	p-Dichlorobenzene			EPA 8260A	02/19/96	ND	2.00
49263	Trans-1,4-Dichloro-2-butene			EPA 8260A	02/19/96	ND	1.00
34496	1,1-Dichloroethane			EPA 8260A	02/19/96	ND	2.00
32103	1,2-Dichloroethane			EPA 8260A	02/19/96	ND	2.00
34502	1,1-Dichloroethene			EPA 8260A	02/19/96	ND	1.00
81686	cis-1,2-Dichloroethene			EPA 8260A	02/19/96	ND	2.00
34546	trans-1,2-Dichloroethene			EPA 8260A	02/19/96	ND	1.00
34541	1,2-Dichloropropane			EPA 8260A	02/19/96	ND	1.00
34704	cis-1,3-Dichloropropene			EPA 8260A	02/19/96	ND	1.00
34699	trans-1,3-Dichloropropene			EPA 8260A	02/19/96	ND	1.00
78113	Ethylbenzene			EPA 8260A	02/19/96	ND	1.00
77103	2-Hexanone			EPA 8260A	02/19/96	ND	1.00
34413	Methyl bromide			EPA 8260A	02/19/96	ND	1.00

* Attach Laboratory Reports

PART III - ANALYTICAL RESULTS (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units ($\mu\text{g/l}$)	Detection Limits/ Units ($\mu\text{g/l}$)
34418	Methyl chloride			EPA 8260A	02/19/96	ND	1.00
77596	Methylene bromide			EPA 8260A	02/19/96	ND	2.00
34423	Methylene chloride			EPA 8260A	02/19/96	ND	2.00
81595	Methyl ethyl ketone			EPA 8260A	02/19/96	ND	1.00
49262	Methyl iodide			EPA 8260A	02/19/96	ND	2.00
78133	4-Methyl-2-pentanone			EPA 8260A	02/19/96	ND	1.00
77128	Styrene			EPA 8260A	02/19/96	ND	1.00
77562	1,1,1,2-Tetrachloroethane			EPA 8260A	02/19/96	ND	1.00
34516	1,1,2,2-Tetrachloroethane			EPA 8260A	02/19/96	ND	2.00
34476	Tetrachloroethene			EPA 8260A	02/19/96	ND	1.00
78131	Toluene			EPA 8260A	02/19/96	ND	1.00
34506	1,1,1-Trichloroethane			EPA 8260A	02/19/96	ND	2.00
34511	1,1,2-Trichloroethane			EPA 8260A	02/19/96	ND	1.00
34485	Trichloroethene			EPA 8260A	02/19/96	ND	1.00
34488	Trichlorofluoromethane			EPA 8260A	02/19/96	ND	1.00
77443	1,2,3-Trichloropropane			EPA 8260A	02/19/96	ND	2.00
77057	Vinyl acetate			EPA 8260A	02/19/96	ND	2.00
39175	Vinyl chloride			EPA 8260A	02/19/96	ND	1.00
81551	Xylenes			EPA 8260A	02/19/96	ND	2.00

* Attach Laboratory Reports

PART III - ANALYTICAL RESULTS (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units ($\mu\text{g/l}$)	Detection Limits/ Units ($\mu\text{g/l}$)
34205	Acenaphthene			EPA 8270A	02/19/96	ND	5.00
34200	Acenaphthylene			EPA 8270A	02/19/96	ND	5.00
N/A	Acetonitrile			EPA 8260A	02/19/96	ND	100
81553	Acetophenone			EPA 8270A	02/19/96	ND	10.0
N/A	2-Acetylaminofluorene			EPA 8270A	02/19/96	ND	10.0
34210	Acrolein			EPA 8260A	02/19/96	ND	15.0
39330	Aldrin			EPA 8270A	02/19/96	ND	10.0
78109	Allyl chloride			EPA 8260A	02/19/96	ND	5.00
N/A	4-Aminobiphenyl			EPA 8270A	02/19/96	ND	10.0
34220	Anthracene			EPA 8270A	02/19/96	ND	5.00
34527	Benzo(a)anthracene			EPA 8270A	02/19/96	ND	5.00
34230	Benzo(b)fluoranthene			EPA 8270A	02/19/96	ND	5.00
34242	Benzo(k)fluoranthene			EPA 8270A	02/19/96	ND	5.00
34522	Benzo(ghi)perylene			EPA 8270A	02/19/96	ND	5.00
34247	Benzo(a)pyrene			EPA 8270A	02/19/96	ND	5.00
77147	Benzyl alcohol			EPA 8270A	02/19/96	ND	25.0
39337	alpha-BHC			EPA 8270A	02/19/96	ND	10.0
39338	beta-BHC			EPA 8270A	02/19/96	ND	10.0
34259	delta-BHC			EPA 8270A	02/19/96	ND	10.0
39340	gamma-BHC			EPA 8270A	02/19/96	ND	10.0
34278	Bis(2-chloroethoxy)methane			EPA 8270A	02/19/96	ND	10.0
34273	Bis(2-chloroethyl)ether			EPA 8270A	02/19/96	ND	10.0
34284	Bis(2-chloroisopropyl)ether			EPA 8270A	02/19/96	ND	10.0
39100	Bis(2-ethylhexyl)phthalate			EPA 8270A	02/19/96	ND	5.00
34636	4-Bromophenyl phenyl ether			EPA 8270A	02/19/96	ND	10.0
51003	Butyl benzyl phthalate			EPA 8270A	02/19/96	ND	10.0
39350	Chlordane			EPA 8270A	02/19/96	ND	0.010
60037	p-Chloroaniline			EPA 8270A	02/19/96	ND	10.0
39460	Chlorobenzilate			EPA 8270A	02/19/96	ND	10.0

* Attach Laboratory Reports

PART III - ANALYTICAL RESULTS (Continued)

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	02/19/96	ND	10.0
34581	2-Chloronaphthalene			EPA 8270A	02/19/96	ND	10.0
34586	2-Chlorophenol			EPA 8270A	02/19/96	ND	10.0
34641	4-Chlorophenyl phenyl ether			EPA 8270A	02/19/96	ND	10.0
34320	Chrysene			EPA 8270A	02/19/96	ND	5.00
N/A	3-Methylphenol			EPA 8270A	02/19/96	ND	10.0
77152	2-Methylphenol			EPA 8270A	02/19/96	ND	10.0
N/A	4-Methylphenol			EPA 8270A	02/19/96	ND	10.0
39730	2,4-D			EPA 8150W	02/15/96	ND	0.5
39361	4,4'-DDD			EPA 8270A	02/19/96	ND	10.0
39366	4,4'-DDE			EPA 8270A	02/19/96	ND	10.0
39371	4,4'-DDT			EPA 8270A	02/19/96	ND	10.0
N/A	Diallate			EPA 8270A	02/19/96	ND	25.0
51004	Dibenzo(a,h)anthracene			EPA 8270A	02/19/96	ND	5.00
81302	Dibenzofuran			EPA 8270A	02/19/96	ND	10.0
39110	Di-n-butyl phthalate			EPA 8270A	02/19/96	ND	10.0
34631	3,3'-Dichlorobenzidine			EPA 8270A	02/19/96	ND	10.0
34601	2,4-Dichlorophenol			EPA 8270A	02/19/96	ND	10.0
77541	2,6-Dichlorophenol			EPA 8270A	02/19/96	ND	10.0
39380	Dieldrin			EPA 8270A	02/19/96	ND	10.0
34336	Diethyl phthalate			EPA 8270A	02/19/96	ND	10.0
N/A	0,0-Diethyl 0,2-pyrazinyl phosphorothioate			EPA 8270A	02/19/96	ND	10.0
46314	Dimethoate			EPA 8270A	02/19/96	ND	10.0
N/A	p-(Dimethylamino)azobenzene			EPA 8270A	02/19/96	ND	10.0
N/A	7,12-Dimethylbenz(a)anthracene			EPA 8270A	02/19/96	ND	10.0
N/A	3,3'-Dimethylbenzidine			EPA 8270A	02/19/96	ND	10.0
34606	2,4-Dimethylphenol			EPA 8270A	02/19/96	ND	10.0
34341	Dimethyl phthalate			EPA 8270A	02/19/96	ND	10.0
N/A	m-Dinitrobenzene			EPA 8270A	02/19/96	ND	10.0

* Attach Laboratory Reports

PART III - ANALYTICAL RESULTS (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units ($\mu\text{g/l}$)	Detection Limits/ Units ($\mu\text{g/l}$)
51008	4,6-Dinitro-o-cresol			EPA 8270A	02/19/96	ND	25.0
34616	2,4-Dinitrophenol			EPA 8270A	02/19/96	ND	25.0
34611	2,4-Dinitrotoluene			EPA 8270A	02/19/96	ND	10.0
34626	2,6-Dinitrotoluene			EPA 8270A	02/19/96	ND	10.00
38779	Dinoseb			EPA 8150W	02/15/96	ND	0.5
34597	Di-n-octyl phthalate			EPA 8270A	02/19/96	ND	10.0
77579	Diphenylamine			EPA 8270A	02/19/96	ND	10.0
81888	Disulfoton			EPA 8141	02/19/96	ND	1.00
34361	Endosulfan I			EPA 8270A	02/19/96	ND	10.0
34356	Endosulfan II			EPA 8270A	02/19/96	ND	10.0
34351	Endosulfan sulfate			EPA 8270A	02/19/96	ND	10.0
39390	Endrin			EPA 8270A	02/19/96	ND	10.0
34366	Endrin aldehyde			EPA 8270A	02/19/96	ND	10.0
N/A	Ethyl methanesulfonate			EPA 8270A	02/19/96	ND	10.0
38462	Famphur			EPA 8270A	02/19/96	ND	10.0
34376	Fluoranthene			EPA 8270A	02/19/96	ND	5.00
34381	Fluorene			EPA 8270A	02/19/96	ND	5.00
39410	Heptochlor			EPA 8270A	02/19/96	ND	50.0
39420	Heptochlor epoxide			EPA 8270A	02/19/96	ND	10.0
39700	Hexachlorobenzene			EPA 8270A	02/19/96	ND	10.0
34391	Hexachlorobutadiene			EPA 8270A	02/19/96	ND	10.0
34386	Hexachlorocyclopentadiene			EPA 8270A	02/19/96	ND	10.0
34396	Hexachloroethane			EPA 8270A	02/19/96	ND	10.0
N/A	Hexachloropropene			EPA 8270A	02/19/96	ND	10.0
77033	Isobutyl alcohol			EPA 8260A	02/19/96	ND	5.00
39430	Isodrin			EPA 8270A	02/19/96	ND	10.0
34408	Isophorone			EPA 8270A	02/19/96	ND	10.0
N/A	Isosafrole			EPA 8270A	02/19/96	ND	10.0
81593	Methacrylonitrile			EPA 8260A	02/19/96	ND	2.00

* Attach Laboratory Reports

PART III - ANALYTICAL RESULTS (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units ($\mu\text{g/l}$)	Detection Limits/ Units ($\mu\text{g/l}$)
N/A	Methapyrilene			EPA 8270A	02/19/96	ND	10.0
39480	Methoxychlor			EPA 8270A	02/19/96	ND	10.0
N/A	3-Methylcholanthrene			EPA 8270A	02/19/96	ND	10.0
81597	Methyl methacrylate			EPA 8260A	02/19/96	ND	2.00
N/A	Methyl methanesulfonate			EPA 8270A	02/19/96	ND	10.0
77416	2-Methylnaphthalene			EPA 8270A	02/19/96	ND	5.00
39600	Methyl parathion			EPA 8270A	02/19/96	ND	10.0
34696	Naphthalene			EPA 8270A	02/19/96	ND	5.00
N/A	1,4-Naphthoquinone			EPA 8270A	02/19/96	ND	10.0
N/A	1-Naphthylamine			EPA 8270A	02/19/96	ND	10.0
N/A	2-Naphthylamine			EPA 8270A	02/19/96	ND	10.0
N/A	2-Nitroaniline			EPA 8270A	02/19/96	ND	10.0
78300	3-Nitroaniline			EPA 8270A	02/19/96	ND	10.0
30342	4-Nitroaniline			EPA 8270A	02/19/96	ND	10.0
34447	Nitrobenzene			EPA 8270A	02/19/96	ND	10.0
34591	2-Nitrophenol			EPA 8270A	02/19/96	ND	10.0
34646	4-Nitrophenol			EPA 8270A	02/19/96	ND	10.0
N/A	n-Nitrosodi-n-butylamine			EPA 8270A	02/19/96	ND	10.0
78200	n-Nitrosodiethylamine			EPA 8270A	02/19/96	ND	10.0
34438	n-Nitrosodimethylamine			EPA 8270A	02/19/96	ND	10.0
34433	n-Nitrosodiphenylamine			EPA 8270A	02/19/96	ND	10.0
34429	n-Nitroso-n-dipropylamine			EPA 8270A	02/19/96	ND	10.0
N/A	n-Nitrosomethylethylamine			EPA 8270A	02/19/96	ND	10.0
N/A	n-Nitrosopiperidine			EPA 8270A	02/19/96	ND	10.0
78206	n-Nitrosopyrrolidine			EPA 8270A	02/19/96	ND	10.0
N/A	5-Nitro-o-toluidine			EPA 8270A	02/19/96	ND	10.0
39540	Parathion			EPA 8141	02/19/96	ND	0.500
77793	Pentachlorobenzene			EPA 8270A	02/19/96	ND	10.0
81316	Pentachloronitrobenzene			EPA 8270A	02/19/96	ND	10.0

* Attach Laboratory Reports

PART III - ANALYTICAL RESULTS (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units ($\mu\text{g/l}$)	Detection Limits/ Units ($\mu\text{g/l}$)
39032	Pentachlorophenol			EPA 8270A	02/19/96	ND	10.0
N/A	Phenacetin			EPA 8270A	02/19/96	ND	10.0
34461	Phenanthrene			EPA 8270A	02/19/96	ND	5.00
32730	Phenol			EPA 8270A	02/19/96	ND	10.0
N/A	p-Phenylenediamine			EPA 8270A	02/19/96	ND	10.0
46313	Phorate			EPA 8270A	02/19/96	ND	10.0
39516	PCBs			EPA 8270A	02/19/96	ND	200
39080	Pronamide			EPA 8270A	02/19/96	ND	10.0
77007	Propionitrile			EPA 8260A	02/19/96	ND	1.00
34469	Pyrene			EPA 8270A	02/19/96	ND	5.00
77545	Safrole			EPA 8270A	02/19/96	ND	10.0
39760	Silvex			EPA 8150W	02/15/96	ND	0.5
81520	Chloroprene			EPA 8260A	02/19/96	ND	2.00
00746	Sulfide			EPA 376.1	02/13/96	ND	0.100
39740	2,4,5-T			EPA 8150W	02/15/96	ND	0.5
77734	Tetrachlorobenzene			EPA 8270A	02/19/96	ND	10.0
N/A	Tetrachlorophenol			EPA 8270A	02/19/96	ND	10.0
77142	o-Toluidine			EPA 8270A	02/19/96	ND	10.0
39401	Toxaphene			EPA 8270A	02/19/96	ND	10.0
34551	1,2,4-Trichlorobenzene			EPA 8270A	02/19/96	ND	10.0
77687	2,4,5-Trichlorophenol			EPA 8270A	02/19/96	ND	10.0
34621	2,4,6-Trichlorophenol			EPA 8270A	02/19/96	ND	10.0
N/A	Triethyl phosphorothioate			EPA 8270A	02/19/96	ND	10.0
N/A	1,3,5-Trinitrobenzene			EPA 8270A	02/19/96	ND	10.0
77173	1,3-Dichloropropane			EPA 8260A	02/19/96	ND	1.00
77170	2,2-Dichloropropane			EPA 8260A	02/19/96	ND	2.00
77168	1,1-Dichloropropene			EPA 8260A	02/19/96	ND	1.00
34566	1,3-Dichlorobenzene			EPA 8260A	02/19/96	ND	2.00

* Attach Laboratory Reports

* Attach Laboratory Reports



BROWARD TESTING LABORATORY, INC.

4416 N.E. 11TH AVE., FORT LAUDERDALE, FLORIDA 33334



Date: 02/14/96 Report #: 7020174 Laboratory ID #: 86418

Client: PASCO COUNTY UTILITIES

ATTN: CANDY MULHERN

8864 GOVERNMENT DR.

NEW PORT RICHEY, FL 34654-

Date Collected: 02/08/96

Time Collected: 10:30

SOURCE: RESOURCE RECOVERY LEACHATE

SW-SECONDARY

pH=7.53

Date received at lab: 02/09/96

Collected by : CC

Time received at lab: 10:55

ENVIRONMENTAL LABORATORY CERTIFICATION NUMBER 86035 LABORATORY PARAMETER ANALYSIS REPORT

Analysis Performed	Method	Analysis Result (mg/l)	Anal Date
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ALL PARAMETERS WERE SUBCONTRACTED TO TOXICON LAB. SEE ATTACHED.

Gary J. Meyer

Gary Meyer, Lab Director



BROWARD TESTING LABORATORY, INC.

4416 N.E. 11TH AVE., FORT LAUDERDALE, FLORIDA 33334



Date: 02/20/96 Report #: 7020195 Laboratory ID #: 86418

Client: PASCO COUNTY UTILITIES

ATTN: CANDY MULHERN

8864 GOVERNMENT DR.

NEW PORT RICHEY, FL 34654-

Date Collected: 02/12/96

Time Collected: 11:30

SOURCE: RESOURCE RECOVERY LEACHATE

SW-SECONDARY

pH=7.84

Date received at lab: 02/14/96

Time received at lab: 11:30

Collected by : CC

ENVIRONMENTAL LABORATORY CERTIFICATION NUMBER 86035 LABORATORY PARAMETER ANALYSIS REPORT

Analysis Performed	Method	Analysis Result (mg/l)	Anal Date
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ALL PARAMETERS WERE SUBCONTRACTED TO TOXICON LAB. SEE ATTACHED.

Gary Meyer, Lab Director

Received: 02/12/96

03/12/96 09:30:24

REPORT NATIONAL TESTING LABORATORY
TO 6555 WILSON MILLS ROAD
CLEVELAND, OHIO 44143
1(800)458-3330 F(216)449-8585
ATTEN SUSAN HENDERSON

PREPARED TOXIKON WEST PALM BEACH
BY 1860 OLD OKEECHOBEE RD. #401
WEST PALM BEACH, FL 33409
HRS #E86278 QA# 910150G
ATTEN JOHN YAREMCHUK
PHONE (407) 478-4803 FAX 478-0214

CERTIFIED BY CONTACT JOHN

CLIENT NTL SAMPLES 7
COMPANY NATIONAL TESTING LABORATORY
FACILITY 6555 WILSON MILLS ROAD
CLEVELAND, OHIO 44143

WORK ID 7020173-0176Previously Reported on 03/07/96.First Reported on 03/05/96.TAKEN 02/08/96TRANS COURIERTYPE LIQUID

P.O. # _____

INV. # 2905

SAMPLE IDENTIFICATION

TEST CODES and NAMES used on this workorder

01 7020173
02 7020174 SW-Secondary
03 7020175
04 7020176
05 METHOD BLANK
06 MEAN % RECOVERY
07 RPD

8141 ORGANOPHOSPHORUS PESTICIDE
8150W CHLORINATED HERB. - WATER
8260A2 PURGEABLE ORGANICS VOA
8270A2 A/BN EXTRACTABLES SOIL
AG SILVER
AS ARSENIC
BA BARIUM
BE BERYLLIUM
CD CADMIUM
CN TOT CYANIDE TOTAL
CO COBALT
CR CHROMIUM
CU COPPER
HG MERCURY
MEX TW METALS, TOTAL EXT., WATER
NI NICKEL
PB LEAD
SB ANTIMONY
SE SELENIUM
S FID SULFIDE
TL THALLIUM
V VANADIUM
ZN Zinc

Received: 02/14/96

02/29/96 10:16:31

REPORT NATIONAL TESTING LABORATORY
TO 6555 WILSON MILLS ROAD
CLEVELAND, OHIO 44143
1(800)458-3330 F(216)449-8585
ATTN SUSAN HENDERSON

PREPARED TOXIKOM WEST PALM BEACH
BY 1860 OLD OKEECHOBEE RD. #401
WEST PALM BEACH, FL 33409
HRS #E86278 QA# 910150G
ATTN JOHN YAREMCHUK
PHONE (407) 478-4803 FAX 478-0214

CERTIFIED BY CONTACT JOHN

CLIENT NTL SAMPLES 12
COMPANY NATIONAL TESTING LABORATORY
FACILITY 6555 WILSON MILLS ROAD
CLEVELAND, OHIO 44143

WORK ID 7020191-0199
TAKEN 02/12/96
TRANS COURIER
TYPE LIQUID
P.O. # _____
INVOICE under separate cover

SAMPLE IDENTIFICATION

01 7020191
02 7020192
03 7020193 TRIP
04 7020194
05 7020195 SW-Secondary
06 7020196
07 7020197
08 7020198
09 TRIP
10 METHOD BLANK
11 MEAN % RECOVERY
12 RPD

TEST CODES and NAMES used on this workorder

504 EDB AND DBCP BY GC
8260A PURGEABLE ORGANICS VOA
AG SILVER
AS ARSENIC
BA BARIUM
BE BERYLLIUM
CD CADMIUM
CN TOT CYANIDE TOTAL
CO COBALT
CR CHROMIUM
CU COPPER
MEX TW METALS, TOTAL EXT., WATER
NI NICKEL
PB LEAD
SB ANTIMONY
SE SELENIUM
TL THALLIUM
V VANADIUM
ZN Zinc

Page 1
Received: 07/10/96

TOXIKON CORP.

REPORT

Work Order # 96-07-105

07/17/96 15:53:48

REPORT NATIONAL TESTING LABORATORY
TO 6555 WILSON MILLS ROAD
CLEVELAND, OHIO 44143
1(800)458-3330 F(216)449-8585
ATTEN SUSAN HENDERSON

PREPARED TOXIKON WEST PALM BEACH
BY 1860 OLD OKEECHOBEE RD. #401
WEST PALM BEACH, FL 33409
HRS #E86278 QA# 9101506
ATTEN JOHN YAREMCHUK
PHONE (407) 478-4803 FAX 478-0214


CERTIFIED BY

CONTACT JOHN

CLIENT MTL SAMPLES 4
COMPANY NATIONAL TESTING LABORATORY
FACILITY 6555 WILSON MILLS ROAD
CLEVELAND, OHIO 44143

Previously Reported on 07/16/96.

WORK ID 7070131
TAKEN 07/08/96
TRANS COURIER
TYPE LIQUID
P.O. # _____
INV. # 3888

SAMPLE IDENTIFICATION

01 7070131
02 MEIND BLANK
03 MEAN & RECOVERY-LCS
04 RPD-LCS

TEST CODES and NAMES used on this workorder

MG MERCURY
MEX TW METALS, TOTAL EXT., WATER

Received: 02/12/96

Results by Sample

SAMPLE ID <u>7020174</u>		SAMPLE # <u>02</u> FRACTIONS: <u>A</u>	
		Date & Time Collected <u>02/08/96 10:30:00</u> Category <u>LIQUID</u>	
CN_TOT	<u>ND</u>	S_FID	<u>ND</u>
mg/L DL=0.010		mg/L DL=0.100	

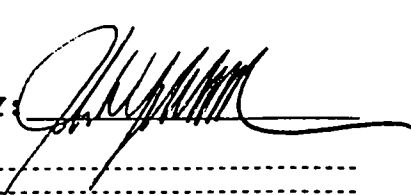
HRS# E86278-ENVIRONMENTAL
86396-DRINKING WATER

Page 1 of 1

NATIONAL TESTING LABORATORY
6555 Wilson Mills Road
Cleveland, Ohio 44143

REPORT DATE: 05/02/96
WORK ORDER# 96-02-089

Attn: Ms. S. Henderson

CERTIFIED BY: 

PROJECT ID: 7020173

SAMPLE ID: SW-PRIMARY

Parameter	Method	Result	Units	Detection Limit	Date Analyzed	Analyst
Tin	EPA 200.7	<0.300	mg/L	0.300	02/21/96	BED
Chlordane	EPA 8270A	<0.010	mg/L	0.010	02/19/96	HB

PROJECT ID: 7020174

SAMPLE ID: SW-SECONDARY

Parameter	Method	Result	Units	Detection Limit	Date Analyzed	Analyst
Tin	EPA 200.7	<0.300	mg/L	0.300	02/21/96	BED
Chlordane	EPA 8270A	<0.010	mg/L	0.010	02/19/96	HB

PROJECT ID: 7020175

SAMPLE ID: A-1 PRIMARY

Parameter	Method	Result	Units	Detection Limit	Date Analyzed	Analyst
Tin	EPA 200.7	<0.300	mg/L	0.300	02/21/96	BED
Chlordane	EPA 8270A	<0.010	mg/L	0.010	02/19/96	HB

PROJECT ID: 7020176

SAMPLE ID: A-1 SECONDARY

Parameter	Method	Result	Units	Detection Limit	Date Analyzed	Analyst
Tin	EPA 200.7	<0.300	mg/L	0.300	02/21/96	BED
Chlordane	EPA 8270A	<0.010	mg/L	0.010	02/19/96	HB

QC Tin: Method Blank <0.300 mg/L
Mean % Recovery 88.2%

Received: 02/14/96

Results by Sample

SAMPLE ID <u>7020194</u>		SAMPLE # <u>04</u> FRACTIONS: <u>A</u>	
		Date & Time Collected <u>02/12/96</u> Category <u>LIQUID</u>	
CN_TOT <u>ND</u>			
mg/L DL=0.010			

SAMPLE ID <u>7020195</u>		SAMPLE # <u>05</u> FRACTIONS: <u>A</u>			
		Date & Time Collected <u>02/12/96</u> Category <u>LIQUID</u>			
AG <u>ND</u>	AS <u>ND</u>	BA <u>ND</u>	BE <u>ND</u>	CD <u>ND</u>	CO <u>ND</u>
mg/L DL=0.005	mg/L DL=0.005	mg/L DL=0.250	mg/L DL=0.010	mg/L DL=0.010	mg/L DL=0.005
CR <u>ND</u>	CU <u>ND</u>	NI <u>ND</u>	PB <u>ND</u>	SB <u>ND</u>	SE <u>ND</u>
mg/L DL=0.010	mg/L DL=0.050	mg/L DL=0.050	mg/L DL=0.005	mg/L DL=0.010	mg/L DL=0.010
TL <u>ND</u>	V <u>0.015</u>	ZN <u>ND</u>			
mg/L DL=0.010	mg/L DL=0.005	mg/L DL=0.050			

SAMPLE ID <u>7020196</u>		SAMPLE # <u>06</u> FRACTIONS: <u>A</u>			
		Date & Time Collected <u>02/12/96</u> Category <u>LIQUID</u>			
AG <u>ND</u>	AS <u>ND</u>	BA <u>ND</u>	BE <u>ND</u>	CD <u>ND</u>	CO <u>ND</u>
mg/L DL=0.005	mg/L DL=0.005	mg/L DL=0.250	mg/L DL=0.010	mg/L DL=0.010	mg/L DL=0.005
CR <u>ND</u>	CU <u>ND</u>	NI <u>ND</u>	PB <u>ND</u>	SB <u>ND</u>	SE <u>ND</u>
mg/L DL=0.010	mg/L DL=0.050	mg/L DL=0.050	mg/L DL=0.005	mg/L DL=0.010	mg/L DL=0.010
TL <u>ND</u>	V <u>0.020</u>	ZN <u>ND</u>			
mg/L DL=0.010	mg/L DL=0.005	mg/L DL=0.050			

PAGE 5

NTL #	ANALYTE	DATE	ANALYST
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7020174	CN_TOT	02/21/96	EF
	S_FID	02/13/96	MO
(METALS TO BE RESAMPLED)			

7020191,	AG	02/26/96	NRW
7020192,	AS	02/23/96	NRW
7020195-	BA	02/26/96	NRW
7020198	BE	02/22/96	NRW
	CD	02/22/96	NRW
	CO	02/22/96	NRW
	CR	02/22/96	NRW
	CU	02/22/96	IE
	NI	02/22/96	IE
	PB	02/22/96	NRW
	SB	02/28/96	NRW
	SE	02/22/96	NRW
	TL	02/27/96	NRW
	V	02/22/96	NRW
	ZN	02/22/96	IE

7020194	CN_TOT	02/21/96	EF
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7020281	CN_TOT	02/26/96	EF
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Received: 07/10/96

Results by Sample

SAMPLE ID <u>7070131</u>	SAMPLE # <u>01</u> FRACTIONS: <u>A</u>
	Date & Time Collected <u>07/08/96 14:30:00</u> Category <u>LIQUID</u>
NG <u>ND</u>	
mg/L DL=0.0002	
Analysis Date <u>07/16/96</u>	
SAMPLE ID <u>METHOD BLANK</u>	SAMPLE # <u>02</u> FRACTIONS: <u>A</u>
	Date & Time Collected <u>not specified</u> Category <u>QC</u>
NG <u>ND</u>	
mg/L DL=0.0002	
SAMPLE ID <u>MEAN % RECOVERY-LCS</u>	SAMPLE # <u>03</u> FRACTIONS: <u>A</u>
	Date & Time Collected <u>not specified</u> Category <u>QC</u>
HG <u>112</u>	
X	
SAMPLE ID <u>RPP-LCS</u>	SAMPLE # <u>04</u> FRACTIONS: <u>A</u>
	Date & Time Collected <u>not specified</u> Category <u>QC</u>
NG <u>0</u>	
X	

Received: 07/10/96

Test Methodology

TEST CODE NEX TV NAME METALS, TOTAL EXT., WATER

REFERENCE:

EPA METHOD 3005. Acid Digestion of Waters for Total Recoverable or Dissolved Metals for Analysis by Flame Atomic Absorption Spectroscopy or Inductively Coupled Plasma Spectroscopy. Test Methods for Evaluating Physical/Chemical Methods. SW 846, 3rd Edition.

Received: 02/12/96

Results by Sample

SAMPLE ID 7020174FRACTION 02ATEST CODE 8141NAME ORGANOPHOSPHORUS PESTICIDEDate & Time Collected 02/08/96 10:30:00Category LIQUID**EPA 8141 - ORGANOPHOSPHORUS PESTICIDES**

		DETECTION
Azinphos methyl	ND	1.00T
Bolstar	ND	1.00
Chlorpyrifos	ND	2.50
Coumaphos	ND	1.00
Demeton-o	ND	1.00
Demeton-s	ND	1.00
Diazinon	ND	2.50
Dichlorovos	ND	1.00
Dimethoate	ND	1.00
Disulfoton	ND	1.00
EPN	ND	1.00
Ethoprop	ND	2.50
Fensulfothion	ND	1.00
Fenthion	ND	1.00
Malathion	ND	1.00
Merphos	ND	1.00
Mevinphos	ND	1.00
Naled	ND	1.00
Parathion	ND	0.500
Methyl parathion	ND	0.500
Phorate	ND	1.00
Ronnel	ND	1.00
Sulfotep	ND	1.00
Tetrachlorvinphos	ND	1.00
TEPP	4.5	1.00
Tokuthion	ND	1.00
Trichloronate	ND	1.00

Surrogates	% Recovery	Surrogate Limits
1,3-DMNB	<u>55</u>	40 - 120

Notes and Definitions for this Report:

EXTRACTED: 02/15/96DATE RUN: 02/19/96ANALYST: HBINSTRUMENT: GCDIL. FACTOR: 1UNITS: ug/L

ND = not detected at detection limit

Received: 02/12/96

Results by Sample

SAMPLE ID 7020174FRACTION 02A TEST CODE 8150W NAME CHLORINATED HERB. - WATERDate & Time Collected 02/08/96 10:30:00 Category LIQUID

	RESULT	LIMIT	UNITS = ug/L
2,4-DB	<u>ND</u>	<u>0.5</u>	
2,4-D	<u>ND</u>	<u>0.5</u>	
2,4,5-T	<u>ND</u>	<u>0.5</u>	
Silvex (2,4,5-TP)	<u>ND</u>	<u>0.5</u>	
Dinoseb (DNBP)	<u>ND</u>	<u>0.5</u>	
Dalapon	<u>ND</u>	<u>0.5</u>	
Dicamba	<u>ND</u>	<u>0.5</u>	
Dichlorprop	<u>ND</u>	<u>0.5</u>	
MCPA	<u>ND</u>	<u>50</u>	
MCPP	<u>ND</u>	<u>50</u>	

Notes and Definitions for this Report:

EXTRACTED: 02/14/96
DATE RUN: 02/15/96
ANALYST: BR
INSTRUMENT: HP-2
DIL. FACTOR: 1

ND = not detected at detection limit

Received: 02/12/96

Results by Sample

SAMPLE ID 7020174FRACTION 02A TEST CODE 8260A2 NAME PURGEABLE ORGANICS VOADate & Time Collected 02/08/96 10:30:00Category LIQUID**EPA 8260A PURGEABLE ORGANICS**

	RESULT	LIMIT		RESULT	LIMIT
Acetone	ND	1.00			
Acetonitrile	ND	100	Ethylbenzene	ND	1.00
Acrolein	ND	15.0	Ethyl methacrylate	ND	2.00
Acrylonitrile	ND	5.00	2-Hexanone	ND	1.00
Allyl chloride	ND	5.00	Isobutyl alcohol	ND	5.00
Benzene	ND	1.00	Methacrylonitrile	ND	2.00
Bromochloromethane	ND	1.00	Methyl bromide	ND	1.00
Bromodichloromethane	ND	1.00	Methyl chloride	ND	1.00
Bromoform	ND	2.00	Methylene bromide	ND	2.00
Carbon disulfide	ND	1.00	Methylene chloride	ND	2.00
Carbon tetrachloride	ND	1.00	Methyl ethyl ketone	ND	1.00
Chlorobenzene	ND	1.00	Methyl iodide	ND	2.00
Chloroethane	ND	1.00	Methyl methacrylate	ND	2.00
Chloroform	ND	1.00	4-Methyl-2-pentanone	ND	1.00
Chloroprene	ND	2.00	Propionitrile	ND	1.00
Dibromochloromethane	ND	1.00	Styrene	ND	1.00
1,2-Dichlorobenzene	ND	2.00	1,1,1,2-Tetrachloroethane	ND	1.00
1,3-Dichlorobenzene	ND	2.00	1,1,2,2-Tetrachloroethane	ND	2.00
1,4-Dichlorobenzene	ND	2.00	Tetrachloroethene	ND	1.00
trans-1,4-Dichloro-2-butene	ND	1.00	Toluene	ND	1.00
Dichlorodifluoromethane	ND	1.00	1,1,1-Trichloroethane	ND	2.00
1,1-Dichloroethane	ND	2.00	1,1,2-Trichloroethane	ND	1.00
1,2-Dichloroethane	ND	2.00	Trichloroethene	ND	1.00
1,1-Dichloroethene	ND	1.00	Trichlorofluoromethane	ND	1.00
cis-1,2-Dichloroethene	ND	2.00	1,2,3-Trichloropropane	ND	2.00
trans-1,2-Dichloroethene	ND	1.00	Vinyl acetate	ND	2.00
1,2-Dichloropropane	ND	1.00	Vinyl chloride	ND	1.00
1,3-Dichloropropane	ND	1.00	Total xylenes	ND	2.00
2,2-Dichloropropane	ND	2.00	1,2-Dibromo-3-chloropropane	ND	1.00
1,1-Dichloropropene	ND	2.00	1,2-Dibromomethane	ND	1.00
cis-1,3-Dichloropropene	ND	1.00			
trans-1,3-Dichloropropene	ND	1.00			

Surrogates	% Recovery	Surrogate Limits
Dibromofluoromethane	98	75 - 135
Toluene-d8	93	64 - 142
Bromofluorobenzene	88	79 - 112

Notes and Definitions for this Report:

DATE RUN: 02/19/96ANALYST: HBINSTRUMENT: GC/MSDIL. FACTOR: 1

COMMENTS: _____

UNITS: ug/L

ND = not detected at detection limit

Received: 02/12/96

Results by Sample

SAMPLE ID 7020174FRACTION 02A TEST CODE 8270A2 NAME A/BM EXTRACTABLES SOILDate & Time Collected 02/08/96 10:30:00 Category LIQUID**EPA METHOD 8270A**

ANALYTE	RESULT	LIMIT	ANALYTE	RESULT	LIMIT
Acenaphthene	ND	5.00	3,3'-Dimethylbenzidine	ND	10.0
Acenaphthylene	ND	5.00	2,4-Dimethylphenol	ND	10.0
Acetophenone	ND	10.0	Dimethyl phthalate	ND	10.0
2-Acetyaminofluorene	ND	10.0	1-3-Dinitrobenzene	ND	10.0
4-Aminobiphenyl	ND	10.0	4,6-Dinitro-2-methylphenol	ND	25.0
Anthracene	ND	5.00	2-4-Dinitrophenol	ND	25.0
Benz(a)anthracene	ND	5.00	2,4-Dinitrotoluene	ND	10.0
Benzo(b)fluoranthene	ND	5.00	2,6-Dinitrotoluene	ND	10.0
Benzo(k)fluoranthene	ND	5.00	Di-n-octyl phthalate	ND	10.0
Benzo(g,h,i)perylene	ND	5.00	Diphenylamine	ND	10.0
Benzo(a)pyrene	ND	5.00	Disulfoton	ND	10.0
Benzyl alcohol	ND	25.0	Ethyl methanesulfonate	ND	10.0
Bis(2-chloroethoxy)methane	ND	10.0	Famphur (Famophos)	ND	10.0
Bis(2-chloroethyl)ether	ND	10.0	Fluoranthene	ND	5.00
Bis(2-chloromethylethyl)ether	ND	10.0	Fluorene	ND	5.00
Bis(2-ethylhexyl)phthalate	ND	5.00	Heptachlor	ND	50.0
4-Bromophenyl phenyl ether	ND	10.0	Hexachlorobutadiene	ND	10.0
Butyl benzyl phthalate	ND	10.0	Hexachlorocyclopentadiene	ND	10.0
p-Chloroaniline	ND	10.0	Hexachloroethane	ND	10.0
Chlorobenzilate	ND	10.0	Hexachloropropene	ND	10.0
4-Chloro-3-methylphenol	ND	10.0	Indeno(1,2,3-cd)pyrene	ND	5.00
2-Chloronaphthalene	ND	10.0	Isodrin	ND	10.0
2-Chlorophenol	ND	10.0	Isophorone	ND	10.0
4-Chlorophenyl phenyl ether	ND	10.0	Isosafrole	ND	10.0
Chrysene	ND	5.00	Kepone	ND	20.0
o-Cresol(2-Methylphenol)	ND	10.0	Methapyrilene	ND	10.0
m-Cresol(3-Methylphenol)	ND	10.0	3-Methylcholanthrene	ND	10.0
p-Cresol(4-Methylphenol)	ND	10.0	Methyl methanesulfonate	ND	10.0
Diallate (total)	ND	25.0	2-Methylnaphthalene	ND	5.00
Dibenz(a,h)anthracene	ND	5.00	Methyl parathion	ND	10.0
Dibenzofuran	ND	10.0	Naphthalene	ND	5.00
Di-n-butyl phthalate	ND	10.0	1,4-Naphthoquinone	ND	10.0
1,2-Dichlorobenzene	ND	5.00	1-Naphthylamine	ND	10.0
1,3-Dichlorobenzene	ND	5.00	2-Naphthylamine	ND	10.0
1,4-Dichlorobenzene	ND	5.00	2-Nitroaniline	ND	10.0
3,3'-Dichlorobenzidine	ND	10.0	3-Nitroaniline	ND	10.0
2,4-Dichlorophenol	ND	10.0	4-Nitroaniline	ND	10.0
2,6-Dichlorophenol	ND	10.0	Nitrobenzene	ND	10.0
Diethyl phthalate	ND	10.0	2-Nitrophenol	ND	10.0
0,0-Diethyl 0-2-pyrazinyl			4-Nitrophenol	ND	10.0
phosphoroethoate	ND	10.0	n-Nitrosodi-n-butylamine	ND	10.0
Dimethoate	ND	10.0	n-Nitrosodiethylamine	ND	10.0
p-(Dimethylamino)azobenzene	ND	10.0	n-Nitrosodimethylamine	ND	10.0
7,12-Dimethylbenz(a)anthracene	ND	10.0	n-Nitrosodiphenylamine	ND	10.0

CONTINUED ON FOLLOWING PAGE

Received: 02/12/96

Results by Sample

Continued From Above

SAMPLE ID 7020174FRACTION 02A TEST CODE 8270A2 NAME A/BM EXTRACTABLES SOILDate & Time Collected 02/08/96 10:30:00Category LIQUID**EPA METHOD 8270A**

ANALYTE	RESULT	LIMIT	ANALYTE	RESULT	LIMIT
n-Nitroso-n-dipropylamine	ND	10.0	1,2,4-Trichlorobenzene	ND	10.0
n-Nitrosomethylethylamine	ND	10.0	2,4,5-Trichlorophenol	ND	10.0
n-Nitrosopiperidine	ND	10.0	2,4,6-Trichlorophenol	ND	10.0
n-Nitrosopyrrolidine	ND	10.0	Triethyl phosphorothioate	ND	10.0
5-Nitro-o-toluidine	ND	10.0	1,3,5-Trinitrobenzene	ND	10.0
Parathion (Parathion ethyl)	ND	10.0	Aldrin	ND	10.0
PCB's (Total)	ND	200	Alpha-BHC	ND	10.0
Pentachlorobenzene	ND	10.0	Beta-BHC	ND	10.0
Pentachloronitrobenzene	ND	10.0	Delta-BHC	ND	10.0
Pentachlorophenol	ND	10.0	Gamma-BHC (Lindane)	ND	10.0
Phenacetin	ND	10.0	4,4'-DDT	ND	10.0
Phenanthrene	ND	5.00	4,4'-DDD	ND	10.0
Phenol	ND	10.0	4,4'-DDE	ND	10.0
p-Phenylenediamine	ND	10.0	Dieldrin	ND	10.0
Phorate	ND	10.0	Endosulfan I	ND	10.0
Pronamide	ND	10.0	Endosulfan II	ND	10.0
Pyrene	ND	5.00	Endosulfan Sulfate	ND	10.0
Safrole	ND	10.0	Endrin	ND	10.0
1,2,4,5-Tetrachlorobenzene	ND	10.0	Endrin aldehyde	ND	10.0
2,3,4,6-Tetrachlorophenol	ND	10.0	Heptachlor epoxide	ND	10.0
o-Toluidine	ND	10.0	Hexachlorobenzene	ND	10.0
Toxaphene	ND	10.0	Methoxychlor	ND	10.0

Surrogates	% Recovery	Surrogate Limits
2-Fluorophenol	39	21 - 110
Phenol-d5	39	10 - 110
2-Chlorophenol-d4	43	20 - 130
1,2-Dichlorobenzene-d4	32	20 - 130
Nitrobenzene-d5	44	34 - 114
2-Fluorobiphenyl	42.0	43 - 116
2,4,6-Tribromophenol	54	10 - 123
Terphenyl-d14	41	33 - 141

Notes and Definitions for this Report:

UNITS: ug/LEXTRACTED: 02/13/96DATE RUN: 02/19/96ANALYST: HBINSTRUMENT: GC/MSDIL. FACTOR: 1

ND = not detected at detection limit



BROWARD TESTING LABORATORY, INC.

4416 N. MYRTLE AVE. FORT LAUDERDALE, FLORIDA 33334



RECEIVED
JUL 24 1996

Date: 01/18/96 Report # 9855989 Laboratory ID #: 86418
BY: SOUTHWEST DISTRICT Date Collected: 01/11/96
Client: PASCO COUNTY UTILITIES Time Collected: NOT AVAILABLE
ATTN: CANDY MULHERN SOURCE: A-I PRIMARY
8864 GOVERNMENT DR.
NEW PORT RICHEY, FL 34654-

Date received at lab: 01/12/96 Time received at lab: 11:55

ENVIRONMENTAL LABORATORY CERTIFICATION NUMBER 86035 LABORATORY PARAMETER ANALYSIS REPORT

Analysis Performed	Method	Analysis Result (mg/l)	Anal Date
-----------------------	--------	------------------------------	--------------

ALL PARAMETERS WERE SUBCONTRACTED TO TOXICON, SEE ATTACHED REPORTS.

Gary J. Meyer

Gary Meyer, Lab Director



BROWARD TESTING LABORATORY, INC.

4416 N.W. 11TH AVE., FORT LAUDERDALE, FLORIDA 33304



Date: 01/18/96 Report #: 9855990 Laboratory ID #: 86418
Client: PASCO COUNTY UTILITIES Date Collected: 01/11/96
ATTN: CANDY MULHERN Time Collected: NOT AVAILABLE
8864 GOVERNMENT DR. SOURCE: A-I SECONDARY
NEW PORT RICHEY, FL 34654-

Date received at lab: 01/12/96 Time received at lab: 11:55

ENVIRONMENTAL LABORATORY CERTIFICATION NUMBER 86035 LABORATORY PARAMETER ANALYSIS REPORT

Analysis Performed	Method	Analysis Result (mg/l)	Anal Date
-----------------------	--------	------------------------------	--------------

ALL PARAMETERS WERE SUBCONTRACTED TO TOXICON, SEE ATTACHED REPORT.

Gary Meyer, Lab Director



BROWARD TESTING LABORATORY, INC.
4416 N.E. 11TH AVE., FORT LAUDERDALE, FLORIDA 33334



Date: 01/18/96 Report #: 9855991 Laboratory ID #: 86418

Client: PASCO COUNTY UTILITIES
ATTN: CANDY MULHERN
8864 GOVERNMENT DR.
NEW PORT RICHEY, FL 34654-

Date Collected: 01/11/96
Time Collected: NOT AVAILABLE
SOURCE: SW-PRIMARY

Date received at lab: 01/12/96

Time received at lab: 11:55

ENVIRONMENTAL LABORATORY CERTIFICATION NUMBER 86035
LABORATORY PARAMETER ANALYSIS REPORT

Analysis Performed	Method	Analysis Result (mg/l)	Anal Date
-----------------------	--------	------------------------------	--------------

ALL PARAMETERS WERE SUBCONTRACTED TO TOXICON, SEE ATTACHED REPORTS.

Gary Meyer, Lab Director



BROWARD TESTING LABORATORY, INC.
4416 N.E. 11TH AVE., FORT LAUDERDALE, FLORIDA 33334



Date: 01/18/96 Report #: 9855992 Laboratory ID #: 86418

Client: PASCO COUNTY UTILITIES
ATTN: CANDY MULHERN
8864 GOVERNMENT DR.
NEW PORT RICHEY, FL 34654-

Date Collected: 01/11/96
Time Collected: NOT AVAILABLE
SOURCE: SW-SECONDARY

Date received at lab: 01/12/96

Time received at lab: 11:55

ENVIRONMENTAL LABORATORY CERTIFICATION NUMBER 86035
LABORATORY PARAMETER ANALYSIS REPORT

Analysis Performed	Method	Analysis Result (mg/l)	Anal Date
-----------------------	--------	------------------------------	--------------

ALL PARAMETERS WERE SUBCONTRACTED TO TOXICON, REPORT ATTACHED.

Gary J. Meyer

Gary Meyer, Lab Director

Received: 01/12/96

01/22/96 12:43:56

REPORT NATIONAL TESTING LABORATORY
TO 6555 WILSON MILLS ROAD
CLEVELAND, OHIO 44143
1(800)458-3330 F(216)449-8585
ATTEN SUSAN HENDERSON

PREPARED TOXIKOM WEST PALM BEACH
BY 1860 OLD OKEECHOBEE RD, #401
WEST PALM BEACH, FL 33409
HRS #E86278 QA# 910150G
ATTEN JOHN YAREMCHUK
PHONE (407) 478-4803 FAX 478-0214

CERTIFIED BY CONTACT JOHN

CLIENT NTL SAMPLES 7
COMPANY NATIONAL TESTING LABORATORY
FACILITY 6555 WILSON MILLS ROAD
CLEVELAND, OHIO 44143

WORK ID 985-5989-5992
TAKEN 01/11/96
TRANS COURIER
TYPE LIQUID
P.O. #
INVOICE under separate cover

SAMPLE IDENTIFICATION

01 9855989 A-1 PRIMARY
02 9855990 A-1 SECONDARY
03 9855991 SW-PRIMARY
04 9855992 SW-SECONDARY
05 METHOD BLANK
06 MEAN % RECOVERY-LCS
07 RPD-LCS

TEST CODES and NAMES used on this workorder

PHENOL PHENOL
TOX TOTAL ORGANIC HALOGENS

Received: 01/12/96

Results by Sample

SAMPLE ID <u>9855989 A-1 PRIMARY</u>	SAMPLE # <u>01</u> FRACTIONS: <u>A</u>	Category <u>LIQUID</u>
Date & Time Collected <u>01/11/96</u>		
PHENOL <u>ND</u> TOX <u>ND</u>		
mg/L DL=0.010	mg/L DL=0.05	

SAMPLE ID <u>9855990 A-1 SECONDARY</u>	SAMPLE # <u>02</u> FRACTIONS: <u>A</u>	Category <u>LIQUID</u>
Date & Time Collected <u>01/11/96</u>		
PHENOL <u>ND</u> TOX <u>0.0624</u>		
mg/L DL=0.010	mg/L DL=0.05	

SAMPLE ID <u>9855991 SW-PRIMARY</u>	SAMPLE # <u>03</u> FRACTIONS: <u>A</u>	Category <u>LIQUID</u>
Date & Time Collected <u>01/11/96</u>		
PHENOL <u>0.039</u> TOX <u>ND</u>		
mg/L DL=0.010	mg/L DL=0.05	

SAMPLE ID <u>9855992 SW-SECONDARY</u>	SAMPLE # <u>04</u> FRACTIONS: <u>A</u>	Category <u>LIQUID</u>
Date & Time Collected <u>01/11/96</u>		
PHENOL <u>ND</u> TOX <u>ND</u>		
mg/L DL=0.010	mg/L DL=0.05	

SAMPLE ID <u>METHOD BLANK</u>	SAMPLE # <u>05</u> FRACTIONS: <u>A</u>	Category <u>QC</u>
Date & Time Collected <u>not specified</u>		
PHENOL <u>ND</u>		
mg/L DL=0.010		

SAMPLE ID <u>MEAN % RECOVERY-LCS</u>	SAMPLE # <u>06</u> FRACTIONS: <u>A</u>	Category <u>QC</u>
Date & Time Collected <u>not specified</u>		
PHENOL <u>101</u>		
%		

SAMPLE ID <u>RPD-LCS</u>	SAMPLE # <u>07</u> FRACTIONS: <u>A</u>	Category <u>QC</u>
Date & Time Collected <u>not specified</u>		
PHENOL <u>0</u>		
%		

Received: 01/12/96

Test Methodology

TEST CODE PHENOL NAME PHENOL

EPA METHOD: 420.2 for water sample

Reference: Methods for Chemical Analysis of Water and Wastes.
EPA 600/4-79-020 (Revised, March 1983). EPA/ENSL.

EPA METHOD: 9065 for soil sample

Reference: Test Methods for Evaluating Solid Waste: Physical/Chemical Methods.
EPA SW-846 (Third Edition) 1986. Office of Solid Waste, USEPA.

TEST CODE TOX NAME TOTAL ORGANIC HALOGENS

EPA Method: 9020 TOTAL ORGANIC HALOGENS

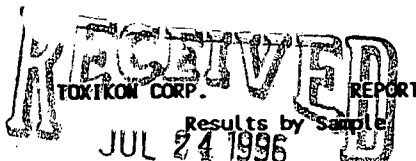
Reference: Test Methods for Evaluating Solid Waste: Physical/Chemical
Methods. EPA SW-846 (Third Edition) 1986.

Received: 02/12/96

Results by Sample

SAMPLE ID <u>METHOD BLANK</u>		SAMPLE # <u>05</u> FRACTIONS: <u>A</u>		Date & Time Collected <u>not specified</u>		Category <u>QC</u>	
AG	ND	AS	ND	BA	ND	BE	ND
mg/L DL=0.005		mg/L DL=0.005		mg/L DL=0.250		mg/L DL=0.010	
CD	ND	CM_TOT	ND	CO	ND	CR	ND
mg/L DL=0.010		mg/L DL=0.010		mg/L DL=0.010		mg/L DL=0.010	
CU	ND	HI	ND	CO	ND	CR	ND
mg/L DL=0.005		mg/L DL=0.002		mg/L DL=0.050		mg/L DL=0.005	
NI	ND	PB	ND	SB	ND	SE	ND
mg/L DL=0.050		mg/L DL=0.005		mg/L DL=0.010		mg/L DL=0.010	
TL	ND	V	ND	S_FID	ND	TL	ND
mg/L DL=0.010		mg/L DL=0.005		mg/L DL=0.10		mg/L DL=0.010	
ZN	ND						
mg/L DL=0.050							

Received: 02/12/96



Work Order # 96-02-089

SAMPLE ID METHOD BLANK

Depart

FRACTION 05ATEST CODE 8141NAME ORGANOPHOSPHORUS PESTICIDE

BY

Date & Time collected not specifiedCategory QC**EPA 8141 - ORGANOPHOSPHORUS PESTICIDES**

		DETECTION
Azinphos methyl	ND	1.00T
Bolstar	ND	1.00
Chlorpyrifos	ND	2.50
Coumaphos	ND	1.00
Demeton-o	ND	1.00
Demeton-s	ND	1.00
Diazinon	ND	2.50
Dichlorovos	ND	1.00
Dimethoate	ND	1.00
Disulfoton	ND	1.00
EPN	ND	1.00
Ethoprop	ND	2.50
Fensulfothion	ND	1.00
Fenthion	ND	1.00
Malathion	ND	1.00
Merphos	ND	1.00
Mevinphos	ND	1.00
Maled	ND	1.00
Parathion	ND	0.500
Methyl parathion	ND	0.500
Phorate	ND	1.00
Ronnel	ND	1.00
Sulfotep	ND	1.00
Tetrachlorvinphos	ND	1.00
TEPP	ND	1.00
Tokuthion	ND	1.00
Trichloronate	ND	1.00

Surrogates	% Recovery	Surrogate Limits
1,3-DMNB	61	40 - 120

Notes and Definitions for this Report:

EXTRACTED: 02/15/96
 DATE RUN: 02/20/96
 ANALYST: HB
 INSTRUMENT: GC
 DIL. FACTOR: 1
 UNITS: ug/L

ND = not detected at detection limit

Received: 02/12/96

Results by Sample

SAMPLE ID METHOD BLANKFRACTION 05A TEST CODE 8150W NAME CHLORINATED HERB. - WATERDate & Time Collected not specifiedCategory QC

	RESULT	LIMIT	UNITS = ug/L
2,4-DB	<u>ND</u>	<u>0.5</u>	
2,4-D	<u>ND</u>	<u>0.5</u>	
2,4,5-T	<u>ND</u>	<u>0.5</u>	
Silvex (2,4,5-TP)	<u>ND</u>	<u>0.5</u>	
Dinoseb (DNBP)	<u>ND</u>	<u>0.5</u>	
Dalapon	<u>ND</u>	<u>0.5</u>	
Dicamba	<u>ND</u>	<u>0.5</u>	
Dichlorprop	<u>ND</u>	<u>0.5</u>	
MCPA	<u>ND</u>	<u>50</u>	
MCPP	<u>ND</u>	<u>50</u>	

Notes and Definitions for this Report:

EXTRACTED: 02/14/96
DATE RUN: 02/15/96
ANALYST: BR
INSTRUMENT: HP-2
DIL. FACTOR: 1

ND = not detected at detection limit

Received: 02/12/96

Results by Sample

SAMPLE ID METHOD BLANK FRACTION 05A TEST CODE 8260A2 NAME PURGEABLE ORGANICS VOA
 Date & Time Collected not specified Category QC

EPA 8260A PURGEABLE ORGANICS

	RESULT	LIMIT		RESULT	LIMIT
Acetone	ND	1.00			
Acetonitrile	ND	100	Ethylbenzene	ND	1.00
Acrolein	ND	15.0	Ethyl methacrylate	ND	2.00
Acrylonitrile	ND	5.00	2-Hexanone	ND	1.00
Allyl chloride	ND	5.00	Isobutyl alcohol	ND	5.00
Benzene	ND	1.00	Methacrylonitrile	ND	2.00
Bromochloromethane	ND	1.00	Methyl bromide	ND	1.00
Bromodichloromethane	ND	1.00	Methyl chloride	ND	1.00
Bromoform	ND	2.00	Methylene bromide	ND	2.00
Carbon disulfide	ND	1.00	Methylene chloride	ND	2.00
Carbon tetrachloride	ND	1.00	Methyl ethyl ketone	ND	1.00
Chlorobenzene	ND	1.00	Methyl iodide	ND	2.00
Chloroethane	ND	1.00	Methyl methacrylate	ND	2.00
Chloroform	ND	1.00	4-Methyl-2-pentanone	ND	1.00
Chloroprene	ND	2.00	Propionitrile	ND	1.00
Dibromochloromethane	ND	1.00	Styrene	ND	1.00
1,2-Dichlorobenzene	ND	2.00	1,1,1,2-Tetrachloroethane	ND	1.00
1,3-Dichlorobenzene	ND	2.00	1,1,2,2-Tetrachloroethane	ND	2.00
1,4-Dichlorobenzene	ND	2.00	Tetrachloroethene	ND	1.00
trans-1,4-Dichloro-2-butene	ND	1.00	Toluene	ND	1.00
Dichlorodifluoromethane	ND	1.00	1,1,1-Trichloroethane	ND	2.00
1,1-Dichloroethane	ND	2.00	1,1,2-Trichloroethane	ND	1.00
1,2-Dichloroethane	ND	2.00	Trichloroethene	ND	1.00
1,1-Dichloroethene	ND	1.00	Trichlorofluoromethane	ND	1.00
cis-1,2-Dichloroethene	ND	2.00	1,2,3-Trichloropropane	ND	2.00
trans-1,2-Dichloroethene	ND	1.00	Vinyl acetate	ND	2.00
1,2-Dichloropropane	ND	1.00	Vinyl chloride	ND	1.00
1,3-Dichloropropane	ND	1.00	Total xylenes	ND	2.00
2,2-Dichloropropane	ND	2.00	1,2-Dibromo-3-chloropropane	ND	1.00
1,1-Dichloropropane	ND	2.00	1,2-Dibromomethane	ND	1.00
cis-1,3-Dichloropropene	ND	1.00			
trans-1,3-Dichloropropene	ND	1.00			

Surrogates	% Recovery	Surrogate Limits
1,2-Dichloroethane-d4	106	75 - 135
Toluene-d8	89	64 - 142
Bromofluorobenzene	87	79 - 112

Notes and Definitions for this Report:

DATE RUN: 02/19/96ANALYST: HBINSTRUMENT: GC/MSDIL. FACTOR: 1

COMMENTS: _____

UNITS: ug/L

ND = not detected at detection limit

Received: 02/12/96

Results by Sample

SAMPLE ID METHOD BLANKFRACTION 05A TEST CODE 8270A2 NAME A/BM EXTRACTABLES SOILDate & Time Collected not specifiedCategory QC**EPA METHOD 8270A**

ANALYTE	RESULT	LIMIT	ANALYTE	RESULT	LIMIT
Acenaphthene	ND	5.00	3,3'-Dimethylbenzidine	ND	10.0
Acenaphthylene	ND	5.00	2,4-Dimethylphenol	ND	10.0
Acetophenone	ND	10.0	Dimethyl phthalate	ND	10.0
2-Acetyaminofluorene	ND	10.0	1-3-Dinitrobenzene	ND	10.0
4-Aminobiphenyl	ND	10.0	4,6-Dinitro-2-methylphenol	ND	25.0
Anthracene	ND	5.00	2-4-Dinitrophenol	ND	25.0
Benz(a)anthracene	ND	5.00	2,4-Dinitrotoluene	ND	10.0
Benzo(b)fluoranthene	ND	5.00	2,6-Dinitrotoluene	ND	10.0
Benzo(k)fluoranthene	ND	5.00	Di-n-octyl phthalate	ND	10.0
Benzo(g,h,i)perylene	ND	5.00	Diphenylamine	ND	10.0
Benzo(a)pyrene	ND	5.00	Disulfoton	ND	10.0
Benzyl alcohol	ND	25.0	Ethyl methanesulfonate	ND	10.0
Bis(2-chloroethoxy)methane	ND	10.0	Famphur (Famophos)	ND	10.0
Bis(2-chloroethyl)ether	ND	10.0	Fluoranthene	ND	5.00
Bis(2-chloromethylethyl)ether	ND	10.0	Fluorene	ND	5.00
Bis(2-ethylhexyl)phthalate	ND	5.00	Heptachlor	ND	50.0
4-Bromophenyl phenyl ether	ND	10.0	Hexachlorobutadiene	ND	10.0
Butyl benzyl phthalate	ND	10.0	Hexachlorocyclopentadiene	ND	10.0
p-Chloroaniline	ND	10.0	Hexachloroethane	ND	10.0
Chlorobenzilate	ND	10.0	Hexachloropropene	ND	10.0
4-Chloro-3-methylphenol	ND	10.0	Indeno(1,2,3-cd)pyrene	ND	5.00
2-Chloronaphthalene	ND	10.0	Isodrin	ND	10.0
2-Chlorophenol	ND	10.0	Isophorone	ND	10.0
4-Chlorophenyl phenyl ether	ND	10.0	Isosafrole	ND	10.0
Chrysene	ND	5.00	Kepone	ND	20.0
o-Cresol(2-Methylphenol)	ND	10.0	Methapyrilene	ND	10.0
m-Cresol(3-Methylphenol)	ND	10.0	3-Methylcholanthrene	ND	10.0
p-Cresol(4-Methylphenol)	ND	10.0	Methyl methanesulfonate	ND	10.0
Diallate (total)	ND	25.0	2-Methylnaphthalene	ND	5.00
Dibenz(a,h)anthracene	ND	5.00	Methyl parathion	ND	10.0
Dibenzofuran	ND	10.0	Naphthalene	ND	5.00
Di-n-butyl phthalate	ND	10.0	1,4-Naphthoquinone	ND	10.0
1,2-Dichlorobenzene	ND	5.00	1-Naphthylamine	ND	10.0
1,3-Dichlorobenzene	ND	5.00	2-Naphthylamine	ND	10.0
1,4-Dichlorobenzene	ND	5.00	2-Nitroaniline	ND	10.0
3,3'-Dichlorobenzidine	ND	10.0	3-Nitroaniline	ND	10.0
2,4-Dichlorophenol	ND	10.0	4-Nitroaniline	ND	10.0
2,6-Dichlorophenol	ND	10.0	Nitrobenzene	ND	10.0
Diethyl phthalate	ND	10.0	2-Nitrophenol	ND	10.0
0,0-Diethyl 0-2-pyrazinyl			4-Nitrophenol	ND	10.0
phosphoroethoate	ND	10.0	n-Nitrosodi-n-butylamine	ND	10.0
Dimethoate	ND	10.0	n-Nitrosodiethylamine	ND	10.0
p-(Dimethylamino)azobenzene	ND	10.0	n-Nitrosodimethylamine	ND	10.0
7,12-Dimethylbenz(a)anthracene	ND	10.0	n-Nitrosodiphenylamine	ND	10.0

CONTINUED ON FOLLOWING PAGE

Received: 02/12/96

Results by Sample

Continued From Above

SAMPLE ID METHOD BLANK FRACTION 05A TEST CODE 8270A2 NAME A/BM EXTRACTABLES SOIL
 Date & Time Collected not specified Category QC

EPA METHOD 8270A

ANALYTE	RESULT	LIMIT	ANALYTE	RESULT	LIMIT
n-Nitroso-n-dipropylamine	ND	10.0	1,2,4-Trichlorobenzene	ND	10.0
n-Nitrosomethylethylamine	ND	10.0	2,4,5-Trichlorophenol	ND	10.0
n-Nitrosopiperidine	ND	10.0	2,4,6-Trichlorophenol	ND	10.0
n-Nitrosopyrrolidine	ND	10.0	Triethyl phosphorothioate	ND	10.0
5-Nitro-o-toluidine	ND	10.0	1,3,5-Trinitrobenzene	ND	10.0
Parathion (Parathion ethyl)	ND	10.0	Aldrin	ND	10.0
PCB's (Total)	ND	200	Alpha-BHC	ND	10.0
Pentachlorobenzene	ND	10.0	Beta-BHC	ND	10.0
Pentachloronitrobenzene	ND	10.0	Delta-BHC	ND	10.0
Pentachlorophenol	ND	10.0	Gamma-BHC (Lindane)	ND	10.0
Phenacetin	ND	10.0	4,4'-DDT	ND	10.0
Phenanthrene	ND	5.00	4,4'-DDD	ND	10.0
Phenol	ND	10.0	4,4'-DDE	ND	10.0
p-Phenylenediamine	ND	10.0	Dieldrin	ND	10.0
Phorate	ND	10.0	Endosulfan I	ND	10.0
Pronamide	ND	10.0	Endosulfan II	ND	10.0
Pyrene	ND	5.00	Endosulfan Sulfate	ND	10.0
Safrole	ND	10.0	Endrin	ND	10.0
1,2,4,5-Tetrachlorobenzene	ND	10.0	Endrin aldehyde	ND	10.0
2,3,4,6-Tetrachlorophenol	ND	10.0	Heptachlor epoxide	ND	10.0
o-Toluidine	ND	10.0	Hexachlorobenzene	ND	10.0
Toxaphene	ND	10.0	Methoxychlor	ND	10.0

Surrogates	% Recovery	Surrogate Limits
2-Fluorophenol	55	21 - 110
Phenol-d5	52	10 - 110
2-Chlorophenol-d4	54	20 - 130
1,2-Dichlorobenzene-d4	115	20 - 130
Nitrobenzene-d5	57	34 - 114
2-Fluorobiphenyl	55	43 - 116
2,4,6-Tribromophenol	48	10 - 123
Terphenyl-d14	64	33 - 141

Notes and Definitions for this Report:

UNITS: ug/L
 EXTRACTED: 02/13/96
 DATE RUN: 02/19/96
 ANALYST: HB
 INSTRUMENT: GC/MS
 DIL. FACTOR: 1

ND = not detected at detection limit

Results by Sample

SAMPLE ID		MEAN % RECOVERY		SAMPLE # 06		FRACTIONS: A		Date & Time Collected not specified		Category QC	
AG	69	AS	115	BA	102	BE	74	CD	106	CN_TOT	108
	%		%		%		%		%		%
CO	115	CR	116	CJ	87	HG	92	NI	104	PB	95
	%		%		%		%		%		%
SB	104	SE	123	S_FID	95	TL	68	V	112	ZN	88
	%		%		%		%		%		%

SAMPLE ID MEAN % RECOVERY FRACTION 06A TEST CODE 8141 NAME ORGANOPHOSPHORUS PESTICIDE
Date & Time Collected not specified Category QC

EPA 8141 - ORGANOPHOSPHORUS PESTICIDES

	DETECTION	
Azinphos methyl	-	-T
Bolstar	-	-
Chlorpyrifos	-	-
Coumaphos	-	-
Demeton-o	97%	-
Demeton-s	-	-
Diazinon	120%	-
Dichlorovos	101%	-
Dimethoate	-	-
Disulfoton	90%	-
EPN	-	-
Ethoprop	-	-
Fensulfothion	-	-
Fenthion	-	-
Malathion	-	-
Merphos	-	-
Mevinphos	-	-
Naled	-	-
Parathion	-	-
Methyl parathion	109%	-
Phorate	-	-
Ronnel	-	-
Sulfotep	-	-
Tetrachlorvinphos	-	-
TEPP	-	-
Tokuthion	-	-
Trichloronate	89%	-

Surrogates	% Recovery	Surrogate Limits
1,3-DMNB	65	40 - 120

Notes and Definitions for this Report:

EXTRACTED: 02/15/96
DATE RUN: 02/19/96
ANALYST: HB
INSTRUMENT: GC
DIL. FACTOR: *1
UNITS: %

ND = not detected at detection limit

Received: 02/12/96

Results by Sample

SAMPLE ID. MEAN % RECOVERYFRACTION 06A TEST CODE 8150W NAME CHLORINATED HERB. - WATER
Date & Time Collected not specified Category QC

	RESULT	LIMIT	UNITS = ug/L
2,4-DB	<u>77 %</u>	<u>*</u>	
2,4-D	<u>131 %</u>	<u>*</u>	
2,4,5-T	<u>110 %</u>	<u>*</u>	
Silvex (2,4,5-TP)	<u>*</u>	<u>*</u>	
Dinoseb (DNBP)	<u>*</u>	<u>*</u>	
Dalapon	<u>*</u>	<u>*</u>	
Dicamba	<u>111 %</u>	<u>*</u>	
Dichlorprop	<u>79 %</u>	<u>*</u>	
MCPA	<u>*</u>	<u>*</u>	
MCPP	<u>*</u>	<u>*</u>	

Notes and Definitions for this Report:

EXTRACTED: 02/05/96
DATE RUN: 02/13/96
ANALYST: BR
INSTRUMENT: HP-2
DIL. FACTOR: *1

ND = not detected at detection limit

Received: 02/12/96

Results by Sample

SAMPLE ID MEAN % RECOVERY FRACTION 06A TEST CODE 8260A2 NAME PURGEABLE ORGANICS VOA
 Date & Time Collected not specified Category QC

EPA 8260A PURGEABLE ORGANICS

	RESULT	LIMIT		RESULT	LIMIT
Acetone	-	-			
Acetonitrile	-	-	Ethylbenzene	-	-
Acrolein	-	-	Ethyl methacrylate	-	-
Acrylonitrile	-	-	2-Hexanone	-	-
Ally chloride	-	-	Isobutyl alcohol	-	-
Benzene	95%	-	Methacrylonitrile	-	-
Bromochloromethane	-	-	Methyl bromide	-	-
Bromodichloromethane	-	-	Methyl chloride	-	-
Bromoform	-	-	Methylene bromide	-	-
Carbon disulfide	-	-	Methylene chloride	-	-
Carbon tetrachloride	-	-	Methyl ethyl ketone	-	-
Chlorobenzene	104%	-	Methyl iodide	-	-
Chloroethane	-	-	Methyl methacrylate	-	-
Chloroform	-	-	4-Methyl-2-pentanone	-	-
Chloroprene	-	-	Propionitrile	-	-
Dibromochloromethane	-	-	Styrene	-	-
1,2-Dichlorobenzene	-	-	1,1,1,2-Tetrachloroethane	-	-
1,3-Dichlorobenzene	-	-	1,1,2,2-Tetrachloroethane	-	-
1,4-Dichlorobenzene	-	-	Tetrachloroethene	-	-
trans-1,4-Dichloro-2-butene	-	-	Toluene	101%	-
Dichlorodifluoromethane	-	-	1,1,1-Trichloroethane	-	-
1,1-Dichloroethane	97%	-	1,1,2-Trichloroethane	-	-
1,2-Dichloroethane	-	-	Trichloroethene	102%	-
1,1-Dichloroethene	-	-	Trichlorofluoromethane	-	-
cis-1,2-Dichloroethene	-	-	1,2,3-Trichloropropane	-	-
trans-1,2-Dichloroethene	-	-	Vinyl acetate	-	-
1,2-Dichloropropane	-	-	Vinyl chloride	-	-
1,3-Dichloropropane	-	-	Total xylenes	-	-
2,2-Dichloropropane	-	-	1,2-Dibromo-3-chloropropane	-	-
1,1-Dichloropropane	-	-	1,2-Dibromomethane	-	-
cis-1,3-Dichloropropene	-	-			
trans-1,3-Dichloropropene	-	-			

Surrogates	% Recovery	Surrogate Limits
1,2-Dichloroethane-d4	100	75 - 135
Toluene-d8	104	64 - 142
Bromofluorobenzene	99	79 - 112

Notes and Definitions for this Report:

DATE RUN: 02/19/96ANALYST: HBINSTRUMENT: GC/MSDIL. FACTOR: *1

COMMENTS: _____

UNITS: %

ND = not detected at detection limit

Received: 02/12/96

Results by Sample

SAMPLE ID MEAN % RECOVERY FRACTION 06A TEST CODE 8270A2 NAME A/BM EXTRACTABLES SOIL
 Date & Time Collected not specified Category QC

EPA METHOD 8270A

ANALYTE	RESULT	LIMIT	ANALYTE	RESULT	LIMIT
Acenaphthene	66%	-	3,3'-Dimethylbenzidine	-	-
Acenaphthylene	-	-	2,4-Dimethylphenol	-	-
Acetophenone	-	-	Dimethyl phthalate	-	-
2-Acetyaminofluorene	-	-	1-3-Dinitrobenzene	-	-
4-Aminobiphenyl	-	-	4,6-Dinitro-2-methylphenol	-	-
Anthracene	-	-	2-4-Dinitrophenol	-	-
Benz(a)anthracene	-	-	2,4-Dinitrotoluene	66%	-
Benzo(b)fluoranthene	-	-	2,6-Dinitrotoluene	-	-
Benzo(k)fluoranthene	-	-	Di-n-octyl phthalate	-	-
Benzo(g,h,i)perylene	-	-	Diphenylamine	-	-
Benzo(a)pyrene	-	-	Disulfoton	-	-
Benzyl alcohol	-	-	Ethyl methanesufonate	-	-
Bis(2-chloroethoxy)methane	-	-	Famphur (Famophos)	-	-
Bis(2-chloroethyl)ether	-	-	Fluoranthene	-	-
Bis(2-chloromethylethyl)ether	-	-	Fluorene	-	-
Bis(2-ethylhexyl)phthalate	-	-	Heptachlor	-	-
4-Bromophenyl phenyl ether	-	-	Hexachlorobutadiene	-	-
Butyl benzyl phthalate	-	-	Hexachlorocyclopentadiene	-	-
p-Chloroaniline	-	-	Hexachloroethane	-	-
Chlorobenzilate	-	-	Hexachloropropene	-	-
4-Chloro-3-methylphenol	55%	-	Indeno(1,2,3-cd)pyrene	-	-
2-Chloronaphthalene	-	-	Isodrin	-	-
2-Chlorophenol	54%	-	Isophorone	-	-
4-Chlorophenyl phenyl ether	-	-	Isosafrole	-	-
Chrysene	-	-	Kepone	-	-
o-Cresol(2-Methylphenol)	-	-	Methapyrilene	-	-
m-Cresol(3-Methylphenol)	-	-	3-Methylcholanthrene	-	-
p-Cresol(4-Methylphenol)	-	-	Methyl methanesulfonate	-	-
Diallate (total)	-	-	2-Methylnaphthalene	-	-
Dibenz(a,h)anthracene	-	-	Methyl parathion	-	-
Dibenzofuran	-	-	Naphthalene	-	-
Di-n-butyl phthalate	-	-	1,4-Naphthoquinone	-	-
1,2-Dichlorobenzene	-	-	1-Naphthylamine	-	-
1,3-Dichlorobenzene	-	-	2-Naphthylamine	-	-
1,4-Dichlorobenzene	35%	-	2-Nitroaniline	-	-
3,3'-Dichlorobenzidine	-	-	3-Nitroaniline	-	-
2,4-Dichlorophenol	-	-	4-Nitroaniline	-	-
2,6-Dichlorophenol	-	-	Nitrobenzene	-	-
Diethyl phthalate	-	-	2-Nitrophenol	-	-
0,0-Diethyl 0-2-pyrazinyl	-	-	4-Nitrophenol	46%	-
phosphoroethoate	-	-	n-Nitrosodi-n-butylamine	-	-
Dimethoate	-	-	n-Nitrosodiethylamine	-	-
p-(Dimethylamino)azobenzene	-	-	n-Nitrosodimethylamine	-	-
7,12-Dimethylbenz(a)anthracene	-	-	n-Nitrosodiphenylamine	-	-

CONTINUED ON FOLLOWING PAGE

Received: 02/12/96

Results by Sample

Continued From Above

SAMPLE ID MEAN % RECOVERY FRACTION 06A TEST CODE 8270A2 NAME A/BW EXTRACTABLES SOIL
 Date & Time Collected not specified Category QC

EPA METHOD 8270A

ANALYTE	RESULT	LIMIT	ANALYTE	RESULT	LIMIT
n-Nitroso-n-dipropylamine	57%	-	1,2,4-Trichlorobenzene	42%	-
n-Nitrosomethylethylamine	-	-	2,4,5-Trichlorophenol	-	-
n-Nitrosopiperidine	-	-	2,4,6-Trichlorophenol	-	-
n-Nitrosopyrrolidine	-	-	Triethyl phosphorothioate	-	-
5-Nitro-o-toluidine	-	-	1,3,5-Trinitrobenzene	-	-
Parathion (Parathion ethyl)	-	-	Aldrin	-	-
PCB's (Total)	-	-	Alpha-BHC	-	-
Pentachlorobenzene	-	-	Beta-BHC	-	-
Pentachloronitrobenzene	-	-	Delta-BHC	-	-
Pentachlorophenol	56%	-	Gamma-BHC (Lindane)	-	-
Phenacetin	-	-	4,4'-DDT	-	-
Phenanthrene	-	-	4,4'-DDD	-	-
Phenol	54%	-	4,4'-DDE	-	-
p-Phenylenediamine	-	-	Dieldrin	-	-
Phorate	-	-	Endosulfan I	-	-
Pronamide	-	-	Endosulfan II	-	-
Pyrene	60%	-	Endosulfan Sulfate	-	-
Safrole	-	-	Endrin	-	-
1,2,4,5-Tetrachlorobenzene	-	-	Endrin aldehyde	-	-
2,3,4,6-Tetrachlorophenol	-	-	Heptachlor epoxide	-	-
o-Toluidine	-	-	Hexachlorobenzene	-	-
Toxaphene	-	-	Methoxychlor	-	-

Surrogates	% Recovery	Surrogate Limits
2-Fluorophenol	56	21 - 110
Phenol-d5	54	10 - 110
2-Chlorophenol-d4	56	20 - 130
1,2-Dichlorobenzene-d4	41	20 - 130
Nitrobenzene-d5	58	34 - 114
2-Fluorobiphenyl	56	43 - 116
2,4,6-Tribromophenol	55	10 - 123
Terphenyl-d14	44	33 - 141

Notes and Definitions for this Report:

UNITS: %
 EXTRACTED: 02/13/96
 DATE RUN: 02/19/96
 ANALYST: HB
 INSTRUMENT: GC/MS
 DIL. FACTOR: *1

ND = not detected at detection limit

Received: 02/12/96

Results by Sample

SAMPLE ID <u>RPD</u>		SAMPLE # <u>07</u>		FRACTIONS: <u>A</u>		Date & Time Collected <u>not specified</u>		Category <u>QC</u>			
AG	<u>12</u>	AS	<u>1.7</u>	BA	<u>20</u>	BE	<u>5.4</u>	CD	<u>15</u>	CM_TOT	<u>1.0</u>
	%		%		%		%		%		%
CO	<u>2.0</u>	CR	<u>2.2</u>	CJ	<u>3.4</u>	HG	<u>5.4</u>	NI	<u>8.6</u>	PB	<u>4.6</u>
	%		%		%		%		%		%
SB	<u>1.7</u>	SE	<u>7.5</u>	S_FID	<u>0</u>	TL	<u>20</u>	V	<u>4.1</u>	ZN	<u>1.1</u>
	%		%		%		%		%		%

Received: 02/12/96

Results by Sample

SAMPLE ID RPD

FRACTION 07A

TEST CODE 8141

NAME ORGANOPHOSPHORUS PESTICIDE

Date & Time Collected not specified

Category QC

EPA 8141 - ORGANOPHOSPHORUS PESTICIDES

	DETECTION	
Azinphos methyl	-	-T
Bolstar	-	-
Chlorpyrifos	-	-
Coumaphos	-	-
Demeton-o	1%	11%
Demeton-s	-	-
Diazinon	0%	6%
Dichlorovos	1%	8%
Dimethoate	-	-
Disulfoton	1%	9%
EPN	-	-
Ethoprop	-	-
Fensulfothion	-	-
Fenthion	-	-
Malathion	-	-
Merphos	-	-
Mevinphos	-	-
Maled	-	-
Parathion	-	-
Methyl parathion	5%	5%
Phorate	-	-
Ronnel	-	-
Sulfotep	-	-
Tetrachlorvinphos	-	-
TEPP	-	-
Tokuthion	-	-
Trichloronate	3%	19%

Surrogates	% Recovery	Surrogate Limits
1,3-DMNB	62	40 - 120

Notes and Definitions for this Report:

EXTRACTED: 02/15/96
 DATE RUN: 02/19/96
 ANALYST: HB
 INSTRUMENT: GC
 DIL. FACTOR: *1
 UNITS: %

ND = not detected at detection limit

Received: 02/12/96

Results by Sample

SAMPLE ID RPDFRACTION 07A TEST CODE 8150W NAME CHLORINATED HERB. - WATERDate & Time Collected not specifiedCategory QC

	RESULT	LIMIT	UNITS = ug/L
2,4-DB	<u>10 %</u>	<u>*</u>	
2,4-D	<u>11 %</u>	<u>*</u>	
2,4,5-T	<u>23 %</u>	<u>*</u>	
Silvex (2,4,5-TP)	<u>*</u>	<u>*</u>	
Dinoseb (DNBP)	<u>*</u>	<u>*</u>	
Dalapon	<u>*</u>	<u>*</u>	
Dicamba	<u>6.3 %</u>	<u>*</u>	
Dichlorprop	<u>23 %</u>	<u>*</u>	
MCPA	<u>*</u>	<u>*</u>	
MCPP	<u>*</u>	<u>*</u>	

Notes and Definitions for this Report:

EXTRACTED: 02/05/96
DATE RUN: 02/13/96
ANALYST: BR
INSTRUMENT: HP-2
DIL. FACTOR: *1

ND = not detected at detection limit

Received: 02/12/96

Results by Sample

SAMPLE ID RPD FRACTION 07A TEST CODE 8260A2 NAME PURGEABLE ORGANICS VOA
 Date & Time Collected not specified Category QC

EPA 8260A PURGEABLE ORGANICS

	RESULT	LIMIT		RESULT	LIMIT
Acetone	-	-			
Acetonitrile	-	-	Ethylbenzene	-	-
Acrolein	-	-	Ethyl methacrylate	-	-
Acrylonitrile	-	-	2-Hexanone	-	-
Ally chloride	-	-	Isobutyl alcohol	-	-
Benzene	3%	20%	Methacrylonitrile	-	-
Bromochloromethane	-	-	Methyl bromide	-	-
Bromodichloromethane	-	-	Methyl chloride	-	-
Bromoform	-	-	Methylene bromide	-	-
Carbon disulfide	-	-	Methylene chloride	-	-
Carbon tetrachloride	-	-	Methyl ethyl ketone	-	-
Chlorobenzene	0%	20%	Methyl iodide	-	-
Chloroethane	-	-	Methyl methacrylate	-	-
Chloroform	-	-	4-Methyl-2-pentanone	-	-
Chloroprene	-	-	Propionitrile	-	-
Dibromochloromethane	-	-	Styrene	-	-
1,2-Dichlorobenzene	-	-	1,1,1,2-Tetrachloroethane	-	-
1,3-Dichlorobenzene	-	-	1,1,2,2-Tetrachloroethane	-	-
1,4-Dichlorobenzene	-	-	Tetrachloroethene	-	-
trans-1,4-Dichloro-2-butene	-	-	Toluene	2%	20%
Dichlorodifluoromethane	-	-	1,1,1-Trichloroethane	-	-
1,1-Dichloroethane	0%	20%	1,1,2-Trichloroethane	-	-
1,2-Dichloroethane	-	-	Trichloroethene	3%	30%
1,1-Dichloroethene	-	-	Trichlorofluoromethane	-	-
cis-1,2-Dichloroethene	-	-	1,2,3-Trichloropropane	-	-
trans-1,2-Dichloroethene	-	-	Vinyl acetate	-	-
1,2-Dichloropropane	-	-	Vinyl chloride	-	-
1,3-Dichloropropane	-	-	Total xylenes	-	-
2,2-Dichloropropane	-	-	1,2-Dibromobenzene	-	-
1,1-Dichloropropane	-	-	1,2-Dibromomethane	-	-
cis-1,3-Dichloropropene	-	-			
trans-1,3-Dichloropropene	-	-			

Surrogates	% Recovery	Surrogate Limits
1,2-Dichloroethane-d4	89	75 - 135
Toluene-d8	100	64 - 142
Bromofluorobenzene	94	79 - 112

Notes and Definitions for this Report:

DATE RUN: 02/19/96ANALYST: HBINSTRUMENT: GC/MSDIL. FACTOR: *1

COMMENTS: _____

UNITS: %

ND = not detected at detection limit

Received: 02/12/96

Results by Sample

SAMPLE ID RPD FRACTION 07A TEST CODE 8270A2 NAME A/BM EXTRACTABLES SOIL
 Date & Time Collected not specified Category QC

EPA METHOD 8270A

ANALYTE	RESULT	LIMIT	ANALYTE	RESULT	LIMIT
	5%	17%			
Acenaphthene	-	-	3,3'-Dimethylbenzidine	-	-
Acenaphthylene	-	-	2,4-Dimethylphenol	-	-
Acetophenone	-	-	Dimethyl phthalate	-	-
2-Acetyaminofluorene	-	-	1-3-Dinitrobenzene	-	-
4-Aminobiphenyl	-	-	4,6-Dinitro-2-methylphenol	-	-
Anthracene	-	-	2-4-Dinitrophenol	-	-
Benz(a)anthracene	-	-	2,4-Dinitrotoluene	3%	10%
Benzo(b)fluoranthene	-	-	2,6-Dinitrotoluene	-	-
Benzo(k)fluoranthene	-	-	Di-n-octyl phthalate	-	-
Benzo(g,h,i)perylene	-	-	Diphenylamine	-	-
Benzo(a)pyrene	-	-	Disulfoton	-	-
Benzyl alcohol	-	-	Ethyl methanesufonate	-	-
Bis(2-chloroethoxy)methane	-	-	Famphur (Famophos)	-	-
Bis(2-chloroethyl)ether	-	-	Fluoranthene	-	-
Bis(2-chloromethylethyl)ether	-	-	Fluorene	-	-
Bis(2-ethylhexyl)phthalate	-	-	Heptachlor	-	-
4-Bromophenyl phenyl ether	-	-	Hexachlorobutadiene	-	-
Butyl benzyl phthalate	-	-	Hexachlorocyclopentadiene	-	-
p-Chloroaniline	-	-	Hexachloroethane	-	-
Chlorobenzilate	-	-	Hexachloropropene	-	-
4-Chloro-3-methylphenol	2%	13%	Indeno(1,2,3-cd)pyrene	-	-
2-Chloronaphthalene	-	-	Isodrin	-	-
2-Chlorophenol	4%	18%	Isophorone	-	-
4-Chlorophenyl phenyl ether	-	-	Isosafrole	-	-
Chrysene	-	-	Kepone	-	-
o-Cresol(2-Methylphenol)	-	-	Methapyrilene	-	-
m-Cresol(3-Methylphenol)	-	-	3-Methylchlolanthrene	-	-
p-Cresol(4-Methylphenol)	-	-	Methyl methanesulfonate	-	-
Diallate (total)	-	-	2-Methylnaphthalene	-	-
Dibenz(a,h)anthracene	-	-	Methyl parathion	-	-
Dibenzofuran	-	-	Naphthalene	-	-
Di-n-butyl phthalate	-	-	1,4-Naphthoquinone	-	-
1,2-Dichlorobenzene	-	-	1-Naphthylamine	-	-
1,3-Dichlorobenzene	-	-	2-Naphthylamine	-	-
1,4-Dichlorobenzene	15%	30%	2-Nitroaniline	-	-
3,3'-Dichlorobenzidine	-	-	3-Nitroaniline	-	-
2,4-Dichlorophenol	-	-	4-Nitroaniline	-	-
2,6-Dichlorophenol	-	-	Nitrobenzene	-	-
Diethyl phthalate	-	-	2-Nitrophenol	-	-
0,0-Diethyl 0-2-pyrazinyl	-	-	4-Nitrophenol	4%	34%
phosphoroethoate	-	-	n-Nitrosodi-n-butylamine	-	-
Dimethoate	-	-	n-Nitrosodiethylamine	-	-
p-(Dimethylamino)azobenzene	-	-	n-Nitrosodimethylamine	-	-
7,12-Dimethylbenz(a)anthracene	-	-	n-Nitrosodiphenylamine	-	-

CONTINUED ON FOLLOWING PAGE

SAMPLE ID RPDFRACTION 07A TEST CODE 8270A2 NAME A/BW EXTRACTABLES SOIL
Date & Time Collected not specified Category QC**EPA METHOD 8270A**

ANALYTE	RESULT	LIMIT	ANALYTE	RESULT	LIMIT
n-Nitroso-n-dipropylamine	5%	16%	1,2,4-Trichlorobenzene	7%	21%
n-Nitrosomethylethylamine	-	-	2,4,5-Trichlorophenol	-	-
n-Nitrosopiperidine	-	-	2,4,6-Trichlorophenol	-	-
n-Nitrosopyrrolidine	-	-	Triethyl phosphorothioate	-	-
5-Nitro-o-toluidine	-	-	1,3,5-Trinitrobenzene	-	-
Parathion (Parathion ethyl)	-	-	Aldrin	-	-
PCB's (Total)	-	-	Alpha-BHC	-	-
Pentachlorobenzene	-	-	Beta-BHC	-	-
Pentachloronitrobenzene	-	-	Delta-BHC	-	-
Pentachlorophenol	2%	34%	Gamma-BHC (Lindane)	-	-
Phenacetin	-	-	4,4'-DDT	-	-
Phenanthrene	-	-	4,4'-DDD	-	-
Phenol	8%	37%	4,4'-DDE	-	-
p-Phenylenediamine	-	-	Dieldrin	-	-
Phorate	-	-	Endosulfan I	-	-
Pronamide	-	-	Endosulfan II	-	-
Pyrene	0%	13%	Endosulfan Sulfate	-	-
Safrole	-	-	Endrin	-	-
1,2,4,5-Tetrachlorobenzene	-	-	Endrin aldehyde	-	-
2,3,4,6-Tetrachlorophenol	-	-	Heptachlor epoxide	-	-
o-Toluidine	-	-	Hexachlorobenzene	-	-
Toxaphene	-	-	Methoxychlor	-	-

Surrogates	% Recovery	Surrogate Limits
2-Fluorophenol	54	21 - 110
Phenol-d5	53	10 - 110
2-Chlorophenol-d4	55	20 - 130
1,2-Dichlorobenzene-d4	40	20 - 130
Nitrobenzene-d5	57	34 - 114
2-Fluorobiphenyl	57	43 - 116
2,4,6-Tribromophenol	57	10 - 123
Terphenyl-d14	40	33 - 141

Notes and Definitions for this Report:

UNITS: %
 EXTRACTED: 02/13/96
 DATE RUN: 02/19/96
 ANALYST: HB
 INSTRUMENT: GC/MS
 DIL. FACTOR: *1

ND = not detected at detection limit

Received: 02/12/96

Test Methodology

TEST CODE 8141 NAME ORGANOPHOSPHORUS PESTICIDE

Method not available.

TEST CODE 8150W NAME CHLORINATED HERB. - WATER

EPA METHOD: 8150 Chlorinated Herbicides

REFERENCE: Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.
SW 846, Third Edition.TEST CODE 8260A2 NAME PURGEABLE ORGANICS VOA

Method not available.

TEST CODE 8270A2 NAME A/BH EXTRACTABLES SOIL

Method not available.

TEST CODE CN TOT NAME CYANIDE TOTAL

EPA METHOD: 335.2 for water sample

Reference: Methods for Chemical Analysis of Water and Wastes.
EPA 600/4-79-020 (Revised, March 1983). EPA/EMSL.

EPA METHOD: 9010 for soil sample

Reference: Methods for Evaluating Solid Waste: Physical/Chemical Methods.
EPA SW-846 (Third Edition) 1986. Office of Solid Waste, USEPA.TEST CODE WEX TW NAME METALS, TOTAL EXT., WATER

REFERENCE:

EPA METHOD 3005. Acid Digestion of Waters for Total Recoverable or
Dissolved Metals for Analysis by Flame Atomic Absorption Spectroscopy or
Inductively Coupled Plasma Spectroscopy. Test Methods for Evaluating
Physical/Chemical Methods. SW 846, 3rd Edition.TEST CODE PB NAME LEADSTORET CODE: 900212
EPA METHOD 239.2TEST CODE S FID NAME SULFIDE

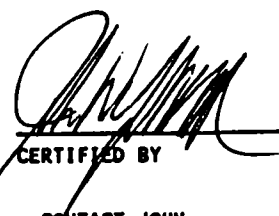
Method not available.

Received: 02/14/96

02/29/96 10:16:31

REPORT NATIONAL TESTING LABORATORY
TO 6555 WILSON MILLS ROAD
CLEVELAND, OHIO 44143
1(800)458-3330 F(216)449-8585
ATTN SUSAN HENDERSON

PREPARED TOXIKON WEST PALM BEACH
BY 1860 OLD OKEECHOBEE RD. #401
WEST PALM BEACH, FL 33409
HRS #E86278 QA# 910150G
ATTN JOHN YAREMCHUK
PHONE (407) 478-4803 FAX 478-0214

CERTIFIED BY CONTACT JOHN

CLIENT NTL SAMPLES 12
COMPANY NATIONAL TESTING LABORATORY
FACILITY 6555 WILSON MILLS ROAD
CLEVELAND, OHIO 44143

WORK ID 7020191-0199
TAKEN 02/12/96
TRANS COURIER
TYPE LIQUID
P.O. # _____
INVOICE under separate cover

SAMPLE IDENTIFICATION

01 7020191
02 7020192
03 7020193 TRIP
04 7020194
05 7020195
06 7020196
07 7020197
08 7020198
09 TRIP
10 METHOD BLANK
11 MEAN % RECOVERY
12 RPD

TEST CODES and NAMES used on this workorder

504 EDB AND DBCP BY GC
8260A PURGEABLE ORGANICS VOA
AG SILVER
AS ARSENIC
BA BARIUM
BE BERYLLIUM
CD CADMIUM
CN TOT CYANIDE TOTAL
CO COBALT
CR CHROMIUM
CU COPPER
MEX TW METALS, TOTAL EXT., WATER
NI NICKEL
PB LEAD
SB ANTIMONY
SE SELENIUM
TL THALLIUM
V VANADIUM
ZN Zinc

metals
resample
7020195

Received: 02/14/96

Results by Sample

SAMPLE ID <u>RETROD BLANK</u>		SAMPLE # <u>10</u>		FRACTIONS: <u>A</u>	
Date & Time Collected <u>not specified</u>				Category <u>QC</u>	
AG <u>ND</u>	AS <u>ND</u>	BA <u>ND</u>	BE <u>ND</u>	CD <u>ND</u>	CN_TOT <u>ND</u>
mg/L DL=0.005	mg/L DL=0.005	mg/L DL=0.250	mg/L DL=0.010	mg/L DL=0.010	mg/L DL=0.010
CO <u>ND</u>	CR <u>ND</u>	CU <u>ND</u>	NI <u>ND</u>	PB <u>ND</u>	SS <u>ND</u>
mg/L DL=0.005	mg/L DL=0.010	mg/L DL=0.050	mg/L DL=0.050	mg/L DL=0.005	mg/L DL=0.010
SE <u>ND</u>	TL <u>ND</u>	V <u>ND</u>	ZN <u>ND</u>		
mg/L DL=0.010	mg/L DL=0.010	mg/L DL=0.005	mg/L DL=0.050		

Received: 02/14/96

Results by Sample

SAMPLE ID		MEAN % RECOVERY		SAMPLE # 11		FRACTIONS: A	
				Date & Time Collected		not specified	
				Category 9C			
AG	92	AS	108	BA	86	BE	101
	X		X		X		X
CD	107	CM_TOT	108	CO	96	CR	106
	X		X		X		X
CU	91	NI	85	PB	98	SB	92
	X		X		X		X
SE	123	TL	75	V	96	ZN	90
	X		X		X		X

Received: 02/14/96

Results by Sample

SAMPLE ID <u>BPD</u>		SAMPLE # <u>12</u>		FRACTIONS: <u>A</u>	
Date & Time Collected <u>not specified</u>				Category <u>9C</u>	
AG	<u>3.3</u>	AS	<u>0.74</u>	BA	<u>5.5</u>
	X		X	BE	<u>0.50</u>
				CD	<u>1.9</u>
				CM_TOT	<u>1.0</u>
					X
CO	<u>25</u>	CR	<u>1.4</u>	CU	<u>10</u>
	X		X	NI	<u>4.7</u>
				PS	<u>1.3</u>
				SB	<u>6.9</u>
					X
SE	<u>7.5</u>	TL	<u>2.6</u>	V	<u>0.32</u>
	X		X	ZN	<u>2.2</u>
					X

Received: 02/14/96

Test Methodology

TEST CODE 504 NAME EDB AND DBCP BY GC

EPA Method 504: 1,2-Dibromoethane (EDB)
and 1,2-Dibromo-3-Chloro-Propane (DBPC)
in Water by Microextraction and Gas
Chromatography.

Re: Method for the Determination of
Organic Compounds in Drinking Water.
EPA-600/4-88/039, December 1988

TEST CODE 8260A NAME PURGEABLE ORGANICS VOA

Method not available.

TEST CODE CN TOT NAME CYANIDE TOTAL

EPA METHOD: 335.2 for water sample

Reference: Methods for Chemical Analysis of Water and Wastes.
EPA 600/4-79-020 (Revised, March 1983). EPA/ENSL.

EPA METHOD: 9010 for soil sample

Reference: Methods for Evaluating Solid Waste: Physical/Chemical Methods.
EPA SW-846 (Third Edition) 1986. Office of Solid Waste, USEPA.

TEST CODE MEX TV NAME METALS, TOTAL EXT., WATER

REFERENCE:

EPA METHOD 3005. Acid Digestion of Waters for Total Recoverable or
Dissolved Metals for Analysis by Flame Atomic Absorption Spectroscopy or
Inductively Coupled Plasma Spectroscopy. Test Methods for Evaluating
Physical/Chemical Methods. SW 846, 3rd Edition.

TEST CODE PB NAME LEAD

STORET CODE: 900212

EPA METHOD 239.2



PASCO COUNTY, FLORIDA

JUL 24 1996

Department of Environmental Protection
BY _____
SOUTHWEST DISTRICT

REPORT OF ANALYSES

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

PROJECT NAME: RRLEACHATEQ1 96
DATE: 02/12/96
DHRS # 44237, E44123

RESOURCE RECOVERY LEACHATE - JANUARY 1996 (Page 1 of 2)

SAMPLE				DELIVERY TO LAB	
LAB No.	DATE	TIME	SAMPLER	DATE	TIME MATRIX
43658	01/11/96	1035	CHRIS CHILDRESS	01/11/96	1430 LE
43659	01/11/96	1110	CHRIS CHILDRESS	01/11/96	1430 LE
43660	01/11/96	0952	CHRIS CHILDRESS	01/11/96	1430 LE
43661	01/11/96	1010	CHRIS CHILDRESS	01/11/96	1430 LE

CLIENT STATION ID:	A-1 PRIMARY	A-1 SECONDARY	SW-PRIMARY	SW-SECONDARY
LAB #:	43658	43659	43660	43661

	A-1 PRIMARY	A-1 SECONDARY	SW-PRIMARY	SW-SECONDARY
PH, FIELD STD. UNITS	7.28	7.61	6.54	7.84
FIELD TEMP DEGREES C	18.67	16.98	14.22	15.09
COND, FIELD umhos/cm	11712	4170	31607	706
DO, FIELD mg/L	0.74	4.88	1.56	4.77
BICARB. ALK mg/l	60.1	157	127	265
TOC mg/L	17.2	38.7	29.4	107.2
CL- mg/L	4960	1300	12813	81.2
NH3 mg/L	7.50	0.09	13.9	0.10
NH3-UNION mg/L	0.064	<0.02	<0.02	<0.02
TON mg/L	1.35	0.68	0.80	0.92
NO2+N03 mg/l	<0.15	0.59	0.19	0.23
TN MG/L	8.85	1.36	14.89	1.25
O+G. mg/l	<3	<3	<3	<3
PH std units	7.69	7.96	7.09	8.11
PHENOLS mg/L	<0.010	<0.010	0.039	<0.010
TDS mg/L	14900	3260	29200	468
COND umhos	14580	4280	33200	739
SO4 mg/L	702	21.0	42.4	1.9
TURB NTU	63.6	0.39	54.2	1.4

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

REPORT OF ANALYSES

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

PROJECT NAME: RRLEACHATEQI 96
DATE: 02/12/96
DHRS # 44237, E44123

RESOURCE RECOVERY LEACHATE - JANUARY 1996 (Page 2 of 2)

SAMPLE			DELIVERY TO LAB		
LAB No.	DATE	TIME	SAMPLER	DATE	TIME MATRIX
43658	01/11/96	1035	CHRIS CHILDRESS	01/11/96	1430 LE
43659	01/11/96	1110	CHRIS CHILDRESS	01/11/96	1430 LE
43660	01/11/96	0952	CHRIS CHILDRESS	01/11/96	1430 LE
43661	01/11/96	1010	CHRIS CHILDRESS	01/11/96	1430 LE
CLIENT STATION ID:	A-1 PRIMARY	A-1 SECONDARY	SW-PRIMARY	SW-SECONDARY	
LAB #:	43658	43659	43660	43661	
TOX	mg/l	<0.05	0.0624	<0.05	<0.05
SB/T/AA	mg/L	0.026	<0.001	0.019	<0.001
AS/T/AA	mg/L	0.0057	0.0010	0.0034	0.0016
BE/T/AA	mg/L	<0.0005	<0.0005	<0.0005	<0.0005
CD/T/AA	mg/L	<0.0005	0.0005	<0.0005	0.002
CA/T/FLAA	mg/L	2500	905	6300	504
CR/T/AA	mg/L	0.0016	<0.001	0.0014	<0.001
CU/T/AA	mg/L	0.04	0.02	0.11	0.02
FE/T/AA	mg/L	0.28	0.42	0.63	0.20
PB/T/AA	mg/L	<0.001	0.0022	<0.001	0.0018
MG/T/FLAA	mg/L	4.00	10.4	9.10	6.40
MN/T/AA	mg/L	0.06	<0.01	0.26	<0.01
HG/T/CVAA	mg/L	0.0007	<0.0005	<0.0005	<0.0005
NI/T/AA	mg/L	0.16	0.07	0.33	<0.07
SE/T/AA	mg/L	<0.001	<0.001	<0.001	<0.001
AG/T/AA	mg/L	<0.0002	<0.0002	0.0006	<0.0002
NA/T/FLAA	mg/L	930	254	2830	24.9
TL/T/AA	mg/L	<0.001	<0.001	<0.001	<0.001
ZN/T/FLAA	mg/L	0.03	0.02	0.05	0.03

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

QC REPORT FOR RESOURCE RECOVERY 02/12/96

QA/QC for SAMPLE Nos: 43658, 43659, 43660, 43661,

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PASCO COUNTY, FLORIDA

QC REPORT FOR RESOURCE RECOVERY 02/12/96

QA/QC for SAMPLE Nos: 43658, 43659, 43660, 43661,

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Page 1

Analyte	LAB ID	Precision Data				Accuracy Data	Reference Sample Data			
		Replicate A	Replicate B	Range	RPD %	% Spike Recovery	Reference Sample ID	Target	Found	% Recovery
TOTAL NITROGEN CALC. MG/L										
NO DUPLICATE, SPIKE, OR REFERENCE SAMPLES FOR THIS ANALYSIS										
OIL AND GREASE EPA413.1 mg/l	9969	69.8	69.6	0.20	0.29	-----	-----	-----	-----	-----
PH, LAB EPA150.1 std units	43657	7.47	7.47	0	0.00	-----	-----	-----	-----	-----
TOTAL PHENOLS 420.1,2,3 mg/L										
NO DUPLICATE, SPIKE, OR REFERENCE SAMPLES FOR THIS ANALYSIS										
TOTAL DISS. SOLIDS EPA160.1 mg/L	43657	232	241	9.0	3.81	-----	STD	293	290	98.90
	43661	468	480	12	2.53	-----	-----	-----	-----	-----
SPEC. CONDUCTIVITY EPA120.1 umhos	43657	334	328	6.0	1.81	-----	-----	-----	-----	-----
SULFATE EPA375.4 mg/L	43808	-----	-----	-----	-----	101.10	STD	20.0	19.8	99.90



PASCO COUNTY, FLORIDA

QC REPORT FOR RESOURCE RECOVERY 02/12/96

QA/QC for SAMPLE Nos: 43658, 43659, 43660, 43661.

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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
TURBIDITY EPA180.1 NTU	43657	0.563	0.56	0.0030	0.53	-----	-----	-----	-----	-----
TOTAL ORGANIC HALIDES SM 506 mg/l NO DUPLICATE, SPIKE, OR REFERENCE SAMPLES FOR THIS ANALYSIS										
ANTIMONY, TOTAL 204.2 mg/L	43658	26.01	25.97	0.040	0.15	100.50	-----	-----	-----	-----
ARSENIC, TOTAL 206.2 mg/L	43658	5.56	5.72	0.16	2.84	97.80	-----	-----	-----	-----
BERYLLIUM, TOTAL 210.2 mg/L	43658	<0.5	<0.5	0.25	0.00	89.50	-----	-----	-----	-----
CADMIUM, TOTAL 213.2 mg/L	43661	2.13	1.95	0.18	8.82	97.80	-----	-----	-----	-----
CALCIUM, TOTAL 215.1 mg/L	43658	5.01	5.02	0.010	0.20	107.80	-----	-----	-----	-----



PASCO COUNTY, FLORIDA

QC REPORT FOR RESOURCE RECOVERY 02/12/96

QA/QC for SAMPLE Nos: 43658, 43659, 43660, 43661,

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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
CHROMIUM, TOTAL 218.2 mg/L	43658	1.59	1.65	0.060	3.70	84.70	-----	-----	-----
COPPER, TOTAL 220.2 mg/L	43658	0.044	0.047	0.0030	6.59	101.00	-----	-----	-----
IRON, TOTAL 236.2 mg/L	43658	.282	.272	0.010	3.61	102.40	-----	-----	-----
LEAD, TOTAL 239.2 mg/L	43659	2.25	2.21	0.040	1.79	98.50	-----	-----	-----
MAGNESIUM, TOTAL 242.1 mg/L	43658	0.04	0.04	0	0.00	104.00	-----	-----	-----
MANGANESE, TOTAL 243.2 mg/L	43658	0.057	0.053	0.0040	7.27	90.50	-----	-----	-----
MERCURY, TOTAL 245.1 mg/L	43658	0.74	0.66	0.080	11.43	105.30	-----	-----	-----



PASCO COUNTY, FLORIDA

QC REPORT FOR RESOURCE RECOVERY 02/12/96

QA/QC for SAMPLE Nos: 43658, 43659, 43660, 43661.

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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
NICKEL, TOTAL 249.2 mg/L	43658	.153	.165	0.012	7.55	103.20	-----	-----	-----	-----
SELENIUM, TOTAL 270.2 mg/L	43658	<0.001	<0.001	0.00050	0.00	94.30	-----	-----	-----	-----
SILVER, TOTAL 272.2 mg/L	43660	.63	.50	0.13	23.01	93.50	-----	-----	-----	-----
SODIUM, TOTAL 273.1 mg/L	43658	9.31	9.28	0.030	0.32	103.00	-----	-----	-----	-----
THALLIUM, TOTAL 279.2 mg/L	43658	<0.001	<0.001	0.00050	0.00	72.20	-----	-----	-----	-----
ZINC, TOTAL 289.1 mg/L	43658	0.030	0.028	0.0020	6.90	102.20	-----	-----	-----	-----



PASCO COUNTY, FLORIDA

DATE, TIME, ANALYST REPORT

ANALYSIS	METHOD	ANALYSIS DATE	TIME	ANALYST
AG/T/AA	272.2	01/22/96	1620	TER
AS/T/AA	206.2	01/22/96	1340	TER
BE/T/AA	210.2	01/22/96	1700	TER
BICARB. ALK	EPA310.1	01/12/96	1300	JK
BICARB. ALK	EPA310.1	01/12/96	1400	JK
CA/T/FLAA	215.1	01/23/96	1430	TER
CD/T/AA	213.2	01/22/96	1550	TER
CL-	EPA 325.3	01/11/96	1600	JK
CL-	EPA 325.3	01/12/96	1600	JK
COND	EPA120.1	01/11/96	1700	JS
COND	EPA120.1	01/11/96	1700	JS
COND, FIELD	EPA 120.1	01/11/96	0952	CHR
CR/T/AA	218.2	01/22/96	0945	TER
CU/T/AA	220.2	01/23/96	0830	TER
DO, FIELD	EPA 360.1	01/11/96	0952	CHR
FE/T/AA	236.2	01/23/96	0900	TER
FIELD TEMP	EPA 170.1	01/11/96	0952	CHR
HG/T/CVAA	245.1	01/19/96	1450	TER
MG/T/FLAA	242.1	01/23/96	1450	TER
MN/T/AA	243.2	01/23/96	0830	TER
NA/T/FLAA	273.1	01/23/96	1525	TER
NH3	SM4500NH3E	01/18/96	1600	TER
NH3-UNION	DEP SOP	01/24/96	1730	CEM
NI/T/AA	249.2	01/23/96	0845	TER
NO2+N03	EPA 353.2	01/25/96	1300	IF
O+G	EPA413.1	01/17/96	1600	TER
PB/T/AA	239.2	01/22/96	1200	TER
PH	EPA150.1	01/11/96	1700	CSC
PH	EPA150.1	01/11/96	1700	JS
PH, FIELD	EPA 150.0	01/11/96	0952	CHR
PHENOLS	420.1,2,3	01/22/96	1244	CEM
SB/T/AA	204.2	01/22/96	1100	TER
SE/T/AA	270.2	01/22/96	1450	TER
SO4	EPA375.4	01/23/96	1400	JK
TDS	EPA160.1	01/11/96	1500	JK
TDS	EPA160.1	01/12/96	1500	JK
TL/T/AA	279.2	01/22/96	1300	TER
TN	CALC.	01/31/96	1730	CEM
TOC	EPA 415.1	01/17/96	1000	IF



PASCO COUNTY, FLORIDA

DATE, TIME, ANALYST REPORT

ANALYSIS	METHOD	ANALYSIS		ANALYST
		DATE	TIME	
TON	CALC-351.3	01/18/96	1600	TER
TOX	SM 506	01/22/96	1244	CEM
TURB	EPA180.1	01/11/96	1715	JS
TURB	EPA180.1	01/11/96	1715	JS
ZN/T/FLAA	289.1	01/23/96	0900	TER