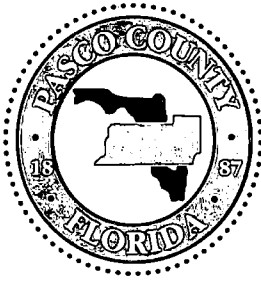


W. Pasco Class III
leachate quality



PASCO COUNTY, FLORIDA

DADE CITY (352) 521-4274
LAND O' LAKES (813) 996-7341
NEW PORT RICHEY (813) 847-8902
FAX (813) 847-8064

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

June 26, 1997

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

West Pasco
RE: Hays Road Class III Landfill
Leachate Monitoring
Semester I, 1997

RECEIVED

JUN 27 1997

D E P

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 two leachate tanks at the Hays Road Class III Landfill. These results are submitted for the first semester sampling period and complete the first semi-annual 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

Enclosure

cc: Chongman Lee, Florida Dept. 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 27 1997

DEP

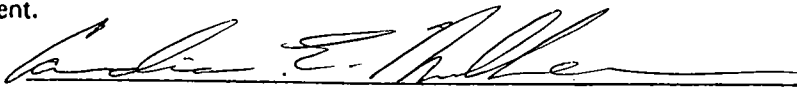
PART I GENERAL INFORMATION

- (1) Facility Name Hays Road Class III Landfill
Address 1275 Hays Road
City Spring Hill, FL Zip 34610
Telephone Number ()
- (2) The GMS Identification Number 4051M30035
- (3) DEP Permit Number S051-182279
- (4) Authorized Representative Name Candia E. Mulhern
Address 8864 Government Drive
City New Port Richey, FL Zip 34654
Telephone Number (813) 847-8902
- (5) Type of Discharge Landfill
- (6) Method of Discharge Unknown

Certification

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

Date: 02/14/97



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 #1-86137 & 86418 Env. 86035
- Lab Name Pasco County Environmental Laboratory
- Address 8864 Government Drive, New Port Richey, FL 34654
- Phone Number (813) 847-8902

PART III ANALYTICAL RESULTS

Facility GMS #: 4051M30035 Sampling Date/Time: 02/04/97 @ 1355

Test Site ID #: NA Report Period: 1997 / Quarter I
(year/quarter)

Well Name: Tank #1 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	02/06/97 1300	<0.11 mg/L	0.11 mg/L
000940	Chloride	"	"	SM 4500Cl-B	02/05/97 1100	245 mg/L	0.15 mg/L
000400	pH-Field	"	"	EPA 150.1	02/04/97 1355	6.69 Std. Units	0.01 Std. Units
070300	Total Dis. Solids	"	"	SM 2540C	02/05/97 1600	1,980 mg/L	1 mg/L
000344	Dissolved Oxygen	"	"	SM 4500 O G	02/04/97 1355	0.7 mg/L	0.01 mg/L
000410	Bicarbonate	"	"	EPA 310.1	02/05/97 1405	1,004 mg/L	1 mg/L
000095	Specific Cond. (Field)	"	"	SM 2510B	02/04/97 1355	2,560 µmhos/cm	0.00 µmhos/cm
000010	Temperature (Field)	"	"	SM 2550B	02/04/97 1355	22.9 °C	0 °C
000610	Ammonia	"	"	EPA 350.1	02/06/97 1600	1.22 mg/L	0.07 mg/L
900216	Color	"	"	EPA 110.2	02/04/97 1545	300 PCU	0.0 PCU
001045	Iron	"	"	EPA 236.1	02/05/97 1450	0.53 mg/L	0.001 mg/L
000929	Sodium	"	"	EPA 273.1	02/05/97 1530	186 mg/L	0.01 mg/L
071900	Mercury	"	"	EPA 245.1	02/07/97 1015	<0.0002 mg/L	0.0002 mg/L
000612	NH ₄ -N	"	"	DEP SOP 10/03/83	02/12/97 0730	<0.02 mg/L	0.02 mg/L

*Attach Laboratory Reports

7140059/7140122/7170247 TANK 1
PART III - ANALYTICAL RESULTS

Facility GMS #: _____

Sampling Date/Time: 02/04/97 @ 13:55 - 02/10/97 @ 12:15 - 05/27/97 @ 13:25

Test Site ID #: _____

Report Period: _____
 (Year/Quarter)

WELL NAME: TANK 1

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	02/26/97	0.003	0.002
01000	Arsenic			EPA 200.7	02/26/97	0.109	0.002
01005	Barium			EPA 200.7	02/26/97	0.093	0.002
01010	Beryllium			EPA 200.7	02/26/97	ND	0.002
01025	Cadmium			EPA 200.7	02/26/97	ND	0.002
01030	Chromium			EPA 200.7	02/26/97	0.030	0.002
01035	Cobalt			EPA 200.7	02/26/97	ND	0.002
01040	Copper			EPA 200.7	02/26/97	0.003	0.002
01049	Lead			EPA 200.7	02/26/97	ND	0.002
01065	Nickel			EPA 200.7	02/26/97	ND	0.005
01145	Selenium			EPA 200.7	02/26/97	ND	0.002
01075	Silver			EPA 200.7	02/26/97	ND	0.005
01057	Thallium			EPA 200.7	02/26/97	ND	0.003
01085	Vanadium			EPA 200.7	02/26/97	ND	0.002
71890	Mercury			EPA 245.1	03/03/97	ND	0.0005
01100	Tin			EPA 200.7	02/26/97	ND	0.005
01090	Zinc			EPA 200.7	02/26/97	ND	0.005
00723	Cyanide			EPA 335.2	02/11/97	0.252	0.050

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	02/24/97	ND	50.0
34215	Acrylonitrile			EPA 8260A	02/24/97	ND	10.0
34235	Benzene			EPA 8260A	02/24/97	ND	5.00
N/A	Bromochloromethane			EPA 8260A	02/24/97	ND	5.00
32101	Bromodichloromethane			EPA 8260A	02/24/97	ND	5.00
32104	Bromoform			EPA 8260A	02/24/97	ND	5.00
77041	Carbon disulfide			EPA 8260A	02/24/97	7.5	5.00
32102	Carbon tetrachloride			EPA 8260A	02/24/97	ND	10.0
34301	Chlorobenzene			EPA 8260A	02/24/97	ND	5.00
34311	Chloroethane			EPA 8260A	02/24/97	ND	10.0
32106	Chloroform			EPA 8260A	02/24/97	ND	5.00
32105	Dibromochloromethane			EPA 8260A	02/24/97	ND	5.00
38761	1,2-Dibromo-3-chloropropane			EPA 504	02/14/97	ND	0.020
77651	1,2-Dibromoethane			EPA 504	02/14/97	ND	0.020
34537	o-Dichlorobenzene			EPA 8260A	02/24/97	ND	5.00
34571	p-Dichlorobenzene			EPA 8260A	02/24/97	ND	5.00
49263	trans-1,4-Dichloro-2-butene			EPA 8260A	02/24/97	ND	50.0
34496	1,1-Dichloroethane			EPA 8260A	02/24/97	ND	5.00
32103	1,2-Dichloroethane			EPA 8260A	02/24/97	ND	5.00
34502	1,1-Dichloroethene			EPA 8260A	02/24/97	ND	5.00
81686	cis-1,2-Dichloroethene			EPA 8260A	02/24/97	ND	5.00
34546	trans-1,2-Dichloroethene			EPA 8260A	02/24/97	ND	5.00
34541	1,2-Dichloropropane			EPA 8260A	02/24/97	ND	5.00
34704	cis-1,3-Dichloropropene			EPA 8260A	02/24/97	ND	5.00
34699	trans-1,3-Dichloropropene			EPA 8260A	02/24/97	ND	5.00
78113	Ethylbenzene			EPA 8260A	02/24/97	ND	5.00
77103	2-Hexanone			EPA 8260A	02/24/97	ND	10.0
34413	Methyl bromide			EPA 8260A	02/24/97	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	02/24/97	ND	5.00
77596	Methylene bromide			EPA 8260A	02/24/97	ND	10.0
34423	Methylene chloride			EPA 8260A	02/24/97	ND	10.0
81595	Methyl ethyl ketone			EPA 8260A	02/24/97	ND	10.0
49262	Methyl iodide			EPA 8260A	02/24/97	ND	10.0
78133	4-Methyl-2-pentanone			EPA 8260A	02/24/97	ND	10.0
77128	Styrene			EPA 8260A	02/24/97	ND	5.00
77562	1,1,1,2-Tetrachloroethane			EPA 8260A	02/24/97	ND	5.00
34516	1,1,2,2-Tetrachloroethane			EPA 8260A	02/24/97	ND	5.00
34476	Tetrachloroethene			EPA 8260A	02/24/97	ND	5.00
78131	Toluene			EPA 8260A	02/24/97	ND	5.00
34506	1,1,1-Trichloroethane			EPA 8260A	02/24/97	ND	5.00
34511	1,1,2-Trichloroethane			EPA 8260A	02/24/97	ND	5.00
34485	Trichloroethene			EPA 8260A	02/24/97	ND	5.00
34488	Trichlorofluoromethane			EPA 8260A	02/24/97	ND	5.00
77443	1,2,3-Trichloropropane			EPA 8260A	02/24/97	ND	5.00
77057	Vinyl acetate			EPA 8260A	02/24/97	ND	5.00
39175	Vinyl chloride			EPA 8260A	02/24/97	ND	5.00
81551	Xylenes			EPA 8260A	02/24/97	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	06/05/97	ND	10.0
34200	Acenaphthylene			EPA 8270A	06/05/97	ND	10.0
N/A	Acetonitrile			EPA 8260A	02/24/97	ND	5.00
81553	Acetophenone			EPA 8270A	06/05/97	ND	10.0
N/A	2-Acetylaminofluorene			EPA 8270A	06/05/97	ND	20.0
34210	Acrolein			EPA 8260A	02/24/97	ND	100
39330	Aldrin			EPA 8080	02/12/97	ND	0.200
78109	Allyl chloride			EPA 8260A	02/24/97	ND	10.0
N/A	4-Aminobiphenyl			EPA 8270A	06/05/97	ND	20.0
34220	Anthracene			EPA 8270A	06/05/97	ND	10.0
34527	Benzo(a)anthracene			EPA 8270A	06/05/97	ND	10.0
34230	Benzo(b)fluoranthene			EPA 8270A	06/05/97	ND	10.0
34242	Benzo(k)fluoranthene			EPA 8270A	06/05/97	ND	10.0
34522	Benzo(ghi)perylene			EPA 8270A	06/05/97	ND	10.0
34247	Benzo(a)pyrene			EPA 8270A	06/05/97	ND	10.0
77147	Benzyl alcohol			EPA 8270A	06/05/97	ND	20.0
39337	alpha-BHC			EPA 8080	02/12/97	ND	0.200
39338	beta-BHC			EPA 8080	02/12/97	ND	0.200
34259	delta-BHC			EPA 8080	02/12/97	ND	0.200
39340	gamma-BHC			EPA 8080	02/12/97	ND	0.200
34278	Bis(2-chloroethoxy)methane			EPA 8270A	06/05/97	ND	10.0
34273	Bis(2-chloroethyl)ether			EPA 8270A	06/05/97	ND	10.0
34284	Bis(2-chloroisopropyl)ether			EPA 8270A	06/05/97	ND	10.0
39100	Bis(2-ethylhexyl)phthalate			EPA 8270A	06/05/97	ND	10.0
34636	4-Bromophenyl phenyl ether			EPA 8270A	06/05/97	ND	10.0
51003	Butyl benzyl phthalate			EPA 8270A	06/05/97	ND	10.0
39350	Chlordane			EPA 8080	02/12/97	ND	5.00
60037	p-Chloroaniline			EPA 8270A	06/05/97	ND	20.0
39460	Chlorobenzilate			EPA 8270A	06/05/97	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 ($\mu\text{g/l}$)	Detection Limits/ Units ($\mu\text{g/l}$)
N/A	4-Chloro-3-methylphenol			EPA 8270A	06/05/97	ND	20.0
34581	2-Chloronaphthalene			EPA 8270A	06/05/97	ND	10.0
34586	2-Chlorophenol			EPA 8270A	06/05/97	ND	10.0
34641	4-Chlorophenyl phenyl ether			EPA 8270A	06/05/97	ND	10.0
34320	Chrysene			EPA 8270A	06/05/97	ND	10.0
N/A	3-Methylphenol			EPA 8270A	06/05/97	ND	10.0
77152	2-Methylphenol			EPA 8270A	06/05/97	ND	10.0
N/A	4-Methylphenol			EPA 8270A	06/05/97	ND	10.0
39730	2,4-D			EPA 8150	02/19/97	ND	0.500
39361	4,4'-DDD			EPA 8080	02/12/97	ND	0.200
39366	4,4'-DDE			EPA 8080	02/12/97	ND	0.200
39371	4,4'-DDT			EPA 8080	02/12/97	ND	0.200
N/A	Diallate			EPA 8270A	06/05/97	ND	10.0
51004	Dibenzo(a,h)anthracene			EPA 8270A	06/05/97	ND	10.0
81302	Dibenzofuran			EPA 8270A	06/05/97	ND	10.0
39110	Di-n-butyl phthalate			EPA 8270A	06/05/97	ND	10.0
34631	3,3'-Dichlorobenzidine			EPA 8270A	06/05/97	ND	20.0
34601	2,4-Dichlorophenol			EPA 8270A	06/05/97	ND	10.0
77541	2,6-Dichlorophenol			EPA 8270A	06/05/97	ND	10.0
39380	Dieldrin			EPA 8080	02/12/97	ND	0.200
34336	Diethyl phthalate			EPA 8270A	06/05/97	ND	10.0
N/A	0,0-Diethyl 0,2-pyrazinyl phosphorothioate			EPA 8270A	06/05/97	ND	10.0
46314	Dimethoate			EPA 8270A	06/05/97	ND	10.0
N/A	p-(Dimethylamino)azobenzene			EPA 8270A	06/05/97	ND	10.0
N/A	7,12-Dimethylbenz(a)anthracene			EPA 8270A	06/05/97	ND	10.0
N/A	3,3'-Dimethylbenzidine			EPA 8270A	06/05/97	ND	20.0
34606	2,4-Dimethylphenol			EPA 8270A	06/05/97	ND	10.0
34341	Dimethyl phthalate			EPA 8270A	06/05/97	ND	10.0
N/A	m-Dinitrobenzene			EPA 8270A	06/05/97	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	06/05/97	ND	50.0
34616	2,4-Dinitrophenol			EPA 8270A	06/05/97	ND	50.0
34611	2,4-Dinitrotoluene			EPA 8270A	06/05/97	ND	10.0
34626	2,6-Dinitrotoluene			EPA 8270A	06/05/97	ND	10.0
38779	Dinoseb			EPA 8150	02/19/97	ND	0.500
34597	Di-n-octyl phthalate			EPA 8270A	06/05/97	ND	10.0
77579	Diphenylamine			EPA 8270A	06/05/97	ND	10.0
81888	Disulfoton			EPA 8270A	06/05/97	ND	10.0
34361	Endosulfan I			EPA 8080	02/12/97	ND	0.200
34356	Endosulfan II			EPA 8080	02/12/97	ND	0.200
34351	Endosulfan sulfate			EPA 8080	02/12/97	ND	0.200
39390	Endrin			EPA 8080	02/12/97	ND	0.200
34366	Endrin aldehyde			EPA 8080	02/12/97	ND	0.200
N/A	Ethyl methanesulfonate			EPA 8270A	06/05/97	ND	20.0
38462	Famphur			EPA 8270A	06/05/97	ND	20.0
34376	Fluoranthene			EPA 8270A	06/05/97	ND	10.0
34381	Fluorene			EPA 8270A	06/05/97	ND	10.0
39410	Heptachlor			EPA 8080	02/12/97	ND	0.200
39420	Heptachlor epoxide			EPA 8080	02/12/97	ND	0.200
39700	Hexachlorobenzene			EPA 8270A	06/05/97	ND	10.0
34391	Hexachlorobutadiene			EPA 8270A	06/05/97	ND	10.0
34386	Hexachlorocyclopentadiene			EPA 8270A	06/05/97	ND	10.0
34396	Hexachloroethane			EPA 8270A	06/05/97	ND	10.0
N/A	Hexachloropropene			EPA 8270A	06/05/97	ND	10.0
77033	Isobutyl alcohol			EPA 8260A	02/24/97	ND	5.00
39430	Isodrin			EPA 8270A	06/05/97	ND	20.0
34408	Isophorone			EPA 8270A	06/05/97	ND	10.0
N/A	Isosafrole			EPA 8270A	06/05/97	ND	10.0
81593	Methacrylonitrile			EPA 8260A	02/24/97	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 (µg/l)	Detection Limits/ Units (µg/l)
N/A	Methapryrilene			EPA 8270A	06/05/97	ND	100
39480	Methoxychlor			EPA 8080	02/12/97	ND	0.200
N/A	3-Methylcholanthrene			EPA 8270A	06/05/97	ND	10.0
81597	Methyl methacrylate			EPA 8260A	02/24/97	ND	10.0
N/A	Methyl methanesulfonate			EPA 8270A	06/05/97	ND	10.0
77416	2-Methylnaphthalene			EPA 8270A	06/05/97	ND	10.0
39600	Methyl parathion			EPA 8270A	06/05/97	ND	10.0
34696	Naphthalene			EPA 8270A	06/05/97	ND	10.0
N/A	1,4-Naphthoquinone			EPA 8270A	06/05/97	ND	10.0
N/A	1-Naphthylamine			EPA 8270A	06/05/97	ND	10.0
N/A	2-Naphthylamine			EPA 8270A	06/05/97	ND	10.0
N/A	2-Nitroaniline			EPA 8270A	06/05/97	ND	50.0
78300	3-Nitroaniline			EPA 8270A	06/05/97	ND	20.0
30342	4-Nitroaniline			EPA 8270A	06/05/97	ND	40.0
34447	Nitrobenzene			EPA 8270A	06/05/97	ND	10.0
34591	2-Nitrophenol			EPA 8270A	06/05/97	ND	10.0
34646	4-Nitrophenol			EPA 8270A	06/05/97	ND	50.0
N/A	n-Nitrosodi-n-butylamine			EPA 8270A	06/05/97	ND	10.0
78200	n-Nitrosodiethylamine			EPA 8270A	06/05/97	ND	20.0
34438	n-Nitrosodimethylamine			EPA 8270A	06/05/97	ND	10.0
34433	n-Nitrosodiphenylamine			EPA 8270A	06/05/97	ND	10.0
34429	n-Nitroso-n-dipropylamine			EPA 8270A	06/05/97	ND	10.0
N/A	n-Nitrosomethylethylamine			EPA 8270A	06/05/97	ND	10.0
N/A	n-Nitrosopiperidine			EPA 8270A	06/05/97	ND	10.0
78206	n-Nitrosopyrrolidine			EPA 8270A	06/05/97	ND	10.0
N/A	5-Nitro-o-toluidine			EPA 8270A	06/05/97	ND	10.0
39540	Parathion			EPA 8270A	06/05/97	ND	10.0
77793	Pentachlorobenzene			EPA 8270A	06/05/97	ND	10.0
81316	Pentachloronitrobenzene			EPA 8270A	06/05/97	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	06/05/97	ND	10.0
N/A	Phenacetin			EPA 8270A	06/05/97	ND	10.0
34461	Phenanthrene			EPA 8270A	06/05/97	ND	10.0
32730	Phenol			EPA 8270A	06/05/97	ND	10.0
N/A	p-Phenylenediamine			EPA 8270A	06/05/97	ND	10.0
46313	Phorate			EPA 8270A	06/05/97	ND	10.0
39516	PCBs			EPA 8080	02/12/97	ND	5.00
39080	Pronamide			EPA 8270A	06/05/97	ND	10.0
77007	Propionitrile			EPA 8260A	02/24/97	ND	10.0
34469	Pyrene			EPA 8270A	06/05/97	ND	10.0
77545	Safrole			EPA 8270A	06/05/97	ND	10.0
39760	Silvex			EPA 8150	02/19/97	ND	0.500
81520	Chloroprene			EPA 8260A	02/24/97	ND	50.0
00746	Sulfide			EPA 376.2	02/10/97	18000	100
39740	2,4,5-T			EPA 8150	02/19/97	ND	0.500
77734	1,2,4,5-Tetrachlorobenzene			EPA 8270A	06/05/97	ND	10.0
N/A	2,3,4,6-Tetrachlorophenol			EPA 8270A	06/05/97	ND	10.0
77142	o-Toluidine			EPA 8270A	06/05/97	ND	10.0
39401	Toxaphene			EPA 8080	02/12/97	ND	10.0
34551	1,2,4-Trichlorobenzene			EPA 8270A	06/05/97	ND	10.0
77687	2,4,5-Trichlorophenol			EPA 8270A	06/05/97	ND	10.0
34621	2,4,6-Trichlorophenol			EPA 8270A	06/05/97	ND	10.0
N/A	Triethyl phosphorothioate			EPA 8270A	06/05/97	ND	10.0
N/A	1,3,5-Trinitrobenzene			EPA 8270A	06/05/97	ND	10.0
77173	1,3-Dichloropropane			EPA 8260A	02/24/97	ND	5.00
77170	2,2-Dichloropropane			EPA 8260A	02/24/97	ND	5.00
77168	1,1-Dichloropropene			EPA 8260A	02/24/97	ND	5.00
34566	1,3-Dichlorobenzene			EPA 8260A	02/24/97	ND	5.00

* Attach Laboratory Reports

* Attach Laboratory Reports



BROWARD TESTING LABORATORY, INC.

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



Date: 02/19/97 Report #: 7140059 Laboratory ID #: 86418

Client: PASCO COUNTY UTILITIES

ATTN: CANDY MULHERN

8864 GOVERNMENT DR.

NEW PORT RICHEY, FL 34654-

Date Collected: 02/04/97

Time Collected: 13:55

SOURCE: P.C.E.L.

CLASS 3

TANK-1

Date received at lab: 05/05/97

Collected by : C.CHILDRESS

Time received at lab: 01:15

ENVIRONMENTAL LABORATORY CERTIFICATION NUMBER 86035
LABORATORY PARAMETER ANALYSIS REPORT

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

PARAMETERS WERE SUBCONTRACTED TO TOXIKON LABS, SEE ATTACHED.

Gary Meyer, Lab Director



BROWARD TESTING LABORATORY, INC.

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



Date: 02/19/97 Report #: 7140122 Laboratory ID #: 86418

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

Date Collected: 02/10/97
Time Collected: 12:15
SOURCE: P.C.E.L.
CLASS 3 LANDFILL
TANK 1
pH=6.47

Date received at lab: 02/11/97

Time received at lab: 03:45

TEMP=19.8

Collected by : C.CHILDRESS

ENVIRONMENTAL LABORATORY CERTIFICATION NUMBER 86035 LABORATORY PARAMETER ANALYSIS REPORT

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

PARAMETERS WERE SUBCONTRACTED, SEE ATTACHED REPORTS.

Gary Meyer, Lab Director



BROWARD TESTING LABORATORY, LTD.

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



Date: 06/05/97 Report #: 7170247 Laboratory ID #: 86418

Client: PASCO COUNTY UTILITIES

ATTN: CANDY MULHERN

8864 GOVERNMENT DR.

NEW PORT RICHEY, FL 34654-

Date Collected: 05/27/97

Time Collected: 13:25

SOURCE: CLASS 3

TANK 1

SPECIAL

Date received at lab: 05/28/97

Collected by : C.CHILDRESS

Time received at lab: 11:30

ENVIRONMENTAL LABORATORY CERTIFICATION NUMBER E86035 LABORATORY PARAMETER ANALYSIS REPORT

Analysis Performed	Method	Analysis Result	Anal Date
-----------------------	--------	--------------------	--------------

PARAMETERS WERE SUBCONTRACTED TO TOXIKON LABS, SEE ATTACHED.

Gary Meyer, Lab Director

Received: 02/06/97

Results by Sample

SAMPLE ID <u>7140059</u>		SAMPLE # <u>04</u> FRACTIONS: <u>A,B</u>	
		Date & Time Collected <u>02/04/97 13:55:00</u> Category <u>LIQUID</u>	
CN_TOT	<u>0.252</u>	HG	<u>ND</u>
mg/L DL=0.050		mg/L DL=0.0005	
S_FID	<u>18.0</u>		
mg/L DL=0.10			
<u>2-11-97</u>	<u>3-3-97</u>	<u>2-10-97</u>	<u>Analysis date</u>

Received: 02/06/97

Results by Sample

SAMPLE ID 7140059FRACTION 04ATEST CODE 221CPNAME ICAP METALS SCANDate & Time Collected 02/04/97 13:55:00Category LIQUID

	RESULT	LIMIT
SILVER	<u>ND</u>	<u>0.005</u>
CADMIUM	<u>ND</u>	<u>0.002</u>
CHROMIUM	<u>0.030</u>	<u>0.002</u>
COPPER	<u>0.003</u>	<u>0.002</u>
NICKEL	<u>ND</u>	<u>0.005</u>
LEAD	<u>ND</u>	<u>0.002</u>
ZINC	<u>ND</u>	<u>0.005</u>
ARSENIC	<u>0.109</u>	<u>0.002</u>
SELENIUM	<u>ND</u>	<u>0.002</u>
BERYLLIUM	<u>ND</u>	<u>0.002</u>
ANTIMONY	<u>0.003</u>	<u>0.002</u>
THALLIUM	<u>ND</u>	<u>0.003</u>
BARIUM	<u>0.093</u>	<u>0.002</u>
COBALT	<u>ND</u>	<u>0.002</u>
VANADIUM	<u>ND</u>	<u>0.002</u>
TIN	<u>ND</u>	<u>0.005</u>

Notes and Definitions for this Report:

EXTRACTED ~~02/27/97~~ 02-25-97
DATE RUN ~~02/28/97~~ 02-26-97
ANALYST VR
INSTRUMENT ICP
CONC FACTOR 1
UNITS mg/L

Received: 02/06/97

Results by Sample

SAMPLE ID 7140059FRACTION 04ATEST CODE 504NAME EDB AND DBCP BY GCDate & Time Collected 02/04/97 13:55:00Category LIQUIDEPA 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..... 02/14/97

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

ND = NOT DETECTED AT DETECTION LIMITS

Received: 02/06/97

Results by Sample

SAMPLE ID 7140059FRACTION 04ATEST CODE 8080NAME PESTICIDES/PCBDate & Time Collected 02/04/97 13:55:00Category LIQUID**EPA 8080 - ORGANOCHLORINE PESTICIDES & PCB's**

	DETEC.			DETEC.	
	RESULT	LIMIT		RESULT	LIMIT
Alpha-BHC	<u>ND</u>	<u>0.200</u>	Aroclor 1016	<u>ND</u>	<u>5.00</u>
Gamma-BHC (Lindane)	<u>ND</u>	<u>0.200</u>	Aroclor 1221	<u>ND</u>	<u>5.00</u>
Beta-BHC	<u>ND</u>	<u>0.200</u>	Aroclor 1232	<u>ND</u>	<u>5.00</u>
Heptachlor	<u>ND</u>	<u>0.200</u>	Aroclor 1242	<u>ND</u>	<u>5.00</u>
Delta-BHC	<u>ND</u>	<u>0.200</u>	Aroclor 1248	<u>ND</u>	<u>5.00</u>
Aldrin	<u>ND</u>	<u>0.200</u>	Aroclor 1254	<u>ND</u>	<u>5.00</u>
Heptachlor Epoxide	<u>ND</u>	<u>0.200</u>	Aroclor 1260	<u>ND</u>	<u>5.00</u>
Endosulfan I	<u>ND</u>	<u>0.200</u>			
4,4'-DDE	<u>ND</u>	<u>0.200</u>			
Dieldrin	<u>ND</u>	<u>0.200</u>			
Endrin	<u>ND</u>	<u>0.200</u>			
4,4'-DDD	<u>ND</u>	<u>0.200</u>			
Endosulfan II	<u>ND</u>	<u>0.200</u>			
4,4'-DDT	<u>ND</u>	<u>0.200</u>			
Endrin Aldehyde	<u>ND</u>	<u>0.200</u>			
Endosulfan Sulfate	<u>ND</u>	<u>0.200</u>			
Chlordane	<u>ND</u>	<u>5.00</u>			
Toxaphene	<u>ND</u>	<u>10.0</u>			
Methoxychlor	<u>ND</u>	<u>0.200</u>			

Notes and Definitions for this Report:

EXTRACTED: 02/10/97
DATE RUN: 02/12/97
ANALYST: JRY
INSTRUMENT: HP-2
DIL. FACTOR: 20
UNITS: ug/L

ND = not detected at detection limit

Received: 02/06/97

Results by Sample

SAMPLE ID 7140059FRACTION 04ATEST CODE 8150WNAME CHLORINATED HERB. - WATERDate & Time Collected 02/04/97 13:55:00Category 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: 02/07/97
DATE RUN: 02/19/97
ANALYST: JRY
INSTRUMENT: HP-2
DIL. FACTOR: 1

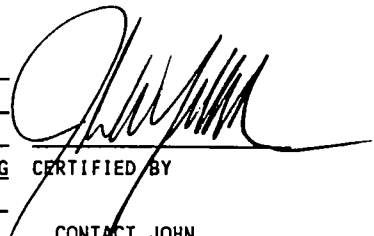
ND = not detected at detection limit

Received: 02/13/97

06/03/97 15:17:27

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, 86396 QA# 910150G
ATTEN JOHN YAREMCHUK
PHONE (407) 478-4803 FAX 478-0214

CERTIFIED BY CONTACT JOHN

CLIENT NTL SAMPLES 1
COMPANY NATIONAL TESTING LABORATORY
FACILITY 6555 WILSON MILLS ROAD
CLEVELAND, OHIO 44143

WORK ID 7140122TAKEN 02/10/97TRANS COURIERTYPE LIQUID

P.O. # _____

INV. # 5385Previously Reported on 03/20/97.First Reported on 03/20/97.

SAMPLE IDENTIFICATION

01 7140122*PAS*

TEST CODES and NAMES used on this workorder

~~8141~~ ORGANOPHOSPHORUS PESTICIDE8260A2 PURGEABLE ORGANICS VOA

PAS

Page 3

TOXIKON CORP.

REPORT

Work Order # 97-02-077

Received: 02/13/97

Results by Sample

SAMPLE ID 7140122

FRACTION 01A TEST CODE 8260A2 NAME PURGEABLE ORGANICS VOA

Date & Time Collected 02/10/97 12:15:00

Category 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
Ally 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	7.5	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-Dichlorpropene	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	108	86 - 118
Toluene-d8	95	88 - 110
Bromofluorobenzene	95	86 - 115

Notes and Definitions for this Report:

DATE RUN: 02/24/97

ANALYST: C

INSTRUMENT: VOA 5972

DIL. FACTOR: 1

COMMENTS: _____

UNITS: ug/L

ND = not detected at detection limit

Page 4

TOXIKON CORP.

REPORT

Work Order # 97-02-077

Received: 02/13/97

Test Methodology

TEST CODE 8141 NAME ~~ORGANOPHOSPHORUS PESTICIDE~~ *PA*

Method not available.

TEST CODE 8260A2 NAME PURGEABLE ORGANICS VOA

Method not available.

Received: 05/29/97

Results by Sample

SAMPLE ID 7170247FRACTION 03ATEST CODE 8270A2NAME A/BN EXTRACTABLES SOILDate & Time Collected 05/27/97 13:25:00Category 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: 05/29/97

Results by Sample

Continued From Above

SAMPLE ID 7170247FRACTION 03A TEST CODE 8270A2 NAME A/BN EXTRACTABLES SOILDate & Time Collected 05/27/97 13:25:00Category 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	40%	21 - 100
Phenol-d6	42%	10 - 94
Nitrobenzene-d5	69%	35 - 114
2-Fluorobiphenyl	71%	43 - 116
2,4,6-Tribromophenol	80%	10 - 123
Terphenyl-d14	89%	33 - 141

Notes and Definitions for this Report:

UNITS: ug/L
 EXTRACTED: 06/02/97
 DATE RUN: 06/05/97
 ANALYST: DS
 INSTRUMENT: C
 DIL. FACTOR: 1

ND = not detected at detection limit

RECEIVED

JUN 27 1997

PART III ANALYTICAL RESULTS

Facility GMS #: 4051M30035

Sampling Date/Time: 02/04/97 @ 1310

Test Site ID #: NA

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

Well Name: Tank #2

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 Wiz. Ded. Mon. System	No	EPA 353.2	02/06/97 1300	2.18 mg/L	0.11 mg/L
000940	Chloride	"	"	SM 4500Cl-B	02/05/97 1100	20.8 mg/L	0.15 mg/L
000400	pH-Field	"	"	EPA 150.1	02/04/97 1310	6.26 Std. Units	0.01 Std. Units
070300	Total Dis. Solids	"	"	SM 2540C	02/05/97 1600	320 mg/L	1 mg/L
000344	Dissolved Oxygen	"	"	SM 4500 O G	02/04/97 1310	3.2 mg/L	0.01 mg/L
000410	Bicarbonate	"	"	EPA 310.1	02/05/97 1405	197 mg/L	1 mg/L
000095	Specific Cond. (Field)	"	"	SM 2510B	02/04/97 1310	463 μ mhos/cm	0.00 μ mhos/cm
000010	Temperature (Field)	"	"	SM 2550B	02/04/97 1310	22.6 °C	0 °C
000610	Ammonia	"	"	EPA 350.1	02/06/97 1600	0.24 mg/L	0.07 mg/L
900216	Color	"	"	EPA 110.2	02/04/97 1545	150 PCU	0.0 PCU
001045	Iron	"	"	EPA 236.1	02/05/97 1450	0.59 mg/L	0.001 mg/L
000929	Sodium	"	"	EPA 273.1	02/05/97 1530	10.2 mg/L	0.01 mg/L
071900	Mercury	"	"	EPA 245.1	02/07/97 1015	<0.0002 mg/L	0.0002 mg/L
000612	NH ₄ -N	"	"	DEP SOP 10/03/83	02/12/97 0730	<0.02 mg/L	0.02 mg/L

*Attach Laboratory Reports

PART III - ANALYTICAL RESULTS

Facility GMS #: _____

Sampling Date/Time: 02/04/97 @ 13:10 & 05/27/97 @ 13:55

Test Site ID #: _____

Report Period: _____
(Year/Quarter)WELL NAME: TANK 2

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	02/26/97	0.002	0.002
01000	Arsenic			EPA 200.7	02/26/97	ND	0.002
01005	Barium			EPA 200.7	02/26/97	0.005	0.002
01010	Beryllium			EPA 200.7	02/26/97	ND	0.002
01025	Cadmium			EPA 200.7	02/26/97	ND	0.002
01030	Chromium			EPA 200.7	02/26/97	0.002	0.002
01035	Cobalt			EPA 200.7	02/26/97	ND	0.002
01040	Copper			EPA 200.7	02/26/97	0.006	0.002
01049	Lead			EPA 200.7	02/26/97	ND	0.002
01065	Nickel			EPA 200.7	02/26/97	ND	0.005
01145	Selenium			EPA 200.7	02/26/97	ND	0.002
01075	Silver			EPA 200.7	02/26/97	ND	0.005
01057	Thallium			EPA 200.7	02/26/97	ND	0.003
01085	Vanadium			EPA 200.7	02/26/97	ND	0.002
71890	Mercury			EPA 245.1	03/03/97	ND	0.0002
01100	Tin			EPA 200.7	02/26/97	ND	0.005
01090	Zinc			EPA 200.7	02/26/97	0.031	0.005
00723	Cyanide			EPA 335.2	02/11/97	0.059	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	02/13/97	ND	50.0
34215	Acrylonitrile			EPA 8260A	02/13/97	ND	10.0
34235	Benzene			EPA 8260A	02/13/97	ND	5.00
N/A	Bromochloromethane			EPA 8260A	02/13/97	ND	5.00
32101	Bromodichloromethane			EPA 8260A	02/13/97	ND	5.00
32104	Bromoform			EPA 8260A	02/13/97	ND	5.00
77041	Carbon disulfide			EPA 8260A	02/13/97	ND	5.00
32102	Carbon tetrachloride			EPA 8260A	02/13/97	ND	10.0
34301	Chlorobenzene			EPA 8260A	02/13/97	ND	5.00
34311	Chloroethane			EPA 8260A	02/13/97	ND	10.0
32106	Chloroform			EPA 8260A	02/13/97	ND	5.00
32105	Dibromochloromethane			EPA 8260A	02/13/97	ND	5.00
38761	1,2-Dibromo-3-chloropropane			EPA 504	02/14/97	ND	0.020
77651	1,2-Dibromoethane			EPA 504	02/14/97	ND	0.020
34537	o-Dichlorobenzene			EPA 8260A	02/13/97	ND	5.00
34571	p-Dichlorobenzene			EPA 8260A	02/13/97	ND	5.00
49263	trans-1,4-Dichloro-2-butene			EPA 8260A	02/13/97	ND	50.0
34496	1,1-Dichloroethane			EPA 8260A	02/13/97	ND	5.00
32103	1,2-Dichloroethane			EPA 8260A	02/13/97	ND	5.00
34502	1,1-Dichloroethene			EPA 8260A	02/13/97	ND	5.00
81686	cis-1,2-Dichloroethene			EPA 8260A	02/13/97	ND	5.00
34546	trans-1,2-Dichloroethene			EPA 8260A	02/13/97	ND	5.00
34541	1,2-Dichloropropane			EPA 8260A	02/13/97	ND	5.00
34704	cis-1,3-Dichloropropene			EPA 8260A	02/13/97	ND	5.00
34699	trans-1,3-Dichloropropene			EPA 8260A	02/13/97	ND	5.00
78113	Ethylbenzene			EPA 8260A	02/13/97	ND	5.00
77103	2-Hexanone			EPA 8260A	02/13/97	ND	10.0
34413	Methyl bromide			EPA 8260A	02/13/97	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	02/13/97	ND	10.0
77596	Methylene bromide			EPA 8260A	02/13/97	ND	10.0
34423	Methylene chloride			EPA 8260A	02/13/97	ND	10.0
81595	Methyl ethyl ketone			EPA 8260A	02/13/97	ND	10.0
49262	Methyl iodide			EPA 8260A	02/13/97	ND	10.0
78133	4-Methyl-2-pentanone			EPA 8260A	02/13/97	ND	5.00
77128	Styrene			EPA 8260A	02/13/97	ND	5.00
77562	1,1,1,2-Tetrachloroethane			EPA 8260A	02/13/97	ND	5.00
34516	1,1,2,2-Tetrachloroethane			EPA 8260A	02/13/97	ND	5.00
34476	Tetrachloroethene			EPA 8260A	02/13/97	ND	5.00
78131	Toluene			EPA 8260A	02/13/97	ND	5.00
34506	1,1,1-Trichloroethane			EPA 8260A	02/13/97	ND	5.00
34511	1,1,2-Trichloroethane			EPA 8260A	02/13/97	ND	5.00
34485	Trichloroethene			EPA 8260A	02/13/97	ND	5.00
34488	Trichlorofluoromethane			EPA 8260A	02/13/97	ND	5.00
77443	1,2,3-Trichloropropane			EPA 8260A	02/13/97	ND	5.00
77057	Vinyl acetate			EPA 8260A	02/13/97	ND	5.00
39175	Vinyl chloride			EPA 8260A	02/13/97	ND	5.00
81551	Xylenes			EPA 8260A	02/13/97	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	06/05/97	ND	10.0
34200	Acenaphthylene			EPA 8270A	06/05/97	ND	10.0
N/A	Acetonitrile			EPA 8260A	02/13/97	ND	5.00
81553	Acetophenone			EPA 8270A	06/05/97	ND	10.0
N/A	2-Acetylaminofluorene			EPA 8270A	06/05/97	ND	20.0
34210	Acrolein			EPA 8260A	02/13/97	ND	100
39330	Aldrin			EPA 8080	02/12/97	ND	0.010
78109	Allyl chloride			EPA 8260A	02/13/97	ND	10.0
N/A	4-Aminobiphenyl			EPA 8270A	06/05/97	ND	20.0
34220	Anthracene			EPA 8270A	06/05/97	ND	10.0
34527	Benzo(a)anthracene			EPA 8270A	06/05/97	ND	10.0
34230	Benzo(b)fluoranthene			EPA 8270A	06/05/97	ND	10.0
34242	Benzo(k)fluoranthene			EPA 8270A	06/05/97	ND	10.0
34522	Benzo(ghi)perylene			EPA 8270A	06/05/97	ND	10.0
34247	Benzo(a)pyrene			EPA 8270A	06/05/97	ND	10.0
77147	Benzyl alcohol			EPA 8270A	06/05/97	ND	20.0
39337	alpha-BHC			EPA 8080	02/12/97	ND	0.010
39338	beta-BHC			EPA 8080	02/12/97	ND	0.010
34259	delta-BHC			EPA 8080	02/12/97	ND	0.010
39340	gamma-BHC			EPA 8080	02/12/97	ND	0.010
34278	Bis(2-chloroethoxy)methane			EPA 8270A	06/05/97	ND	10.0
34273	Bis(2-chloroethyl)ether			EPA 8270A	06/05/97	ND	10.0
34284	Bis(2-chloroisopropyl)ether			EPA 8270A	06/05/97	ND	10.0
39100	Bis(2-ethylhexyl)phthalate			EPA 8270A	06/05/97	ND	10.0
34636	4-Bromophenyl phenyl ether			EPA 8270A	06/05/97	ND	10.0
51003	Butyl benzyl phthalate			EPA 8270A	06/05/97	ND	10.0
39350	Chlordane			EPA 8080	02/12/97	ND	0.010
60037	p-Chloroaniline			EPA 8270A	06/05/97	ND	20.0
39460	Chlorobenzilate			EPA 8270A	06/05/97	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)
N/A	4-Chloro-3-methylphenol			EPA 8270A	06/05/97	ND	20.0
34581	2-Chloronaphthalene			EPA 8270A	06/05/97	ND	10.0
34586	2-Chlorophenol			EPA 8270A	06/05/97	ND	10.0
34641	4-Chlorophenyl phenyl ether			EPA 8270A	06/05/97	ND	10.0
34320	Chrysene			EPA 8270A	06/05/97	ND	10.0
N/A	3-Methylphenol			EPA 8270A	06/05/97	ND	10.0
77152	2-Methylphenol			EPA 8270A	06/05/97	ND	10.0
N/A	4-Methylphenol			EPA 8270A	06/05/97	ND	10.0
39730	2,4-D			EPA 8150	02/19/97	ND	0.500
39361	4,4'-DDD			EPA 8080	02/12/97	ND	0.010
39366	4,4'-DDE			EPA 8080	02/12/97	ND	0.010
39371	4,4'-DDT			EPA 8080	02/12/97	ND	0.010
N/A	Diallate			EPA 8270A	06/05/97	ND	10.0
51004	Dibenzo(a,h)anthracene			EPA 8270A	06/05/97	ND	10.0
81302	Dibenzofuran			EPA 8270A	06/05/97	ND	10.0
39110	Di-n-butyl phthalate			EPA 8270A	06/05/97	ND	10.0
34631	3,3'-Dichlorobenzidine			EPA 8270A	06/05/97	ND	20.0
34601	2,4-Dichlorophenol			EPA 8270A	06/05/97	ND	10.0
77541	2,6-Dichlorophenol			EPA 8270A	06/05/97	ND	10.0
39380	Dieldrin			EPA 8080	02/12/97	ND	0.010
34336	Diethyl phthalate			EPA 8270A	06/05/97	ND	10.0
N/A	0,0-Diethyl 0,2-pyrazinyl phosphorothioate			EPA 8270A	06/05/97	ND	10.0
46314	Dimethoate			EPA 8270A	06/05/97	ND	10.0
N/A	p-(Dimethylamino)azobenzene			EPA 8270A	06/05/97	ND	10.0
N/A	7,12-Dimethylbenz(a)anthracene			EPA 8270A	06/05/97	ND	10.0
N/A	3,3'-Dimethylbenzidine			EPA 8270A	06/05/97	ND	20.0
34606	2,4-Dimethylphenol			EPA 8270A	06/05/97	ND	10.0
34341	Dimethyl phthalate			EPA 8270A	06/05/97	ND	10.0
N/A	m-Dinitrobenzene			EPA 8270A	06/05/97	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	06/05/97	ND	50.0
34616	2,4-Dinitrophenol			EPA 8270A	06/05/97	ND	50.0
34611	2,4-Dinitrotoluene			EPA 8270A	06/05/97	ND	10.0
34626	2,6-Dinitrotoluene			EPA 8270A	06/05/97	ND	10.0
38779	Dinoseb			EPA 8150	02/19/97	ND	0.500
34597	Di-n-octyl phthalate			EPA 8270A	06/05/97	ND	10.0
77579	Diphenylamine			EPA 8270A	06/05/97	ND	10.0
81888	Disulfoton			EPA 8270A	06/05/97	ND	10.0
34361	Endosulfan I			EPA 8080	02/12/97	ND	0.010
34356	Endosulfan II			EPA 8080	02/12/97	ND	0.010
34351	Endosulfan sulfate			EPA 8080	02/12/97	ND	0.010
39390	Endrin			EPA 8080	02/12/97	ND	0.010
34366	Endrin aldehyde			EPA 8080	02/12/97	ND	0.010
N/A	Ethyl methanesulfonate			EPA 8270A	06/05/97	ND	20.0
38462	Famphur			EPA 8270A	06/05/97	ND	20.0
34376	Fluoranthene			EPA 8270A	06/05/97	ND	10.0
34381	Fluorene			EPA 8270A	06/05/97	ND	10.0
39410	Heptachlor			EPA 8080	02/12/97	ND	0.010
39420	Heptachlor epoxide			EPA 8080	02/12/97	ND	0.010
39700	Hexachlorobenzene			EPA 8270A	06/05/97	ND	10.0
34391	Hexachlorobutadiene			EPA 8270A	06/05/97	ND	10.0
34386	Hexachlorocyclopentadiene			EPA 8270A	06/05/97	ND	10.0
34396	Hexachloroethane			EPA 8270A	06/05/97	ND	10.0
N/A	Hexachloropropene			EPA 8270A	06/05/97	ND	10.0
77033	Isobutyl alcohol			EPA 8260A	02/13/97	ND	5.00
39430	Isodrin			EPA 8270A	06/05/97	ND	20.0
34408	Isophorone			EPA 8270A	06/05/97	ND	10.0
N/A	Isosafrole			EPA 8270A	06/05/97	ND	10.0
81593	Methacrylonitrile			EPA 8260A	02/13/97	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	06/05/97	ND	100
39480	Methoxychlor			EPA 8080	02/12/97	ND	0.010
N/A	3-Methylcholanthrene			EPA 8270A	06/05/97	ND	10.0
81597	Methyl methacrylate			EPA 8260A	02/13/97	ND	10.0
N/A	Methyl methanesulfonate			EPA 8270A	06/05/97	ND	10.0
77416	2-Methylnaphthalene			EPA 8270A	06/05/97	ND	10.0
39600	Methyl parathion			EPA 8270A	06/05/97	ND	10.0
34696	Naphthalene			EPA 8270A	06/05/97	ND	10.0
N/A	1,4-Naphthoquinone			EPA 8270A	06/05/97	ND	10.0
N/A	1-Naphthylamine			EPA 8270A	06/05/97	ND	10.0
N/A	2-Naphthylamine			EPA 8270A	06/05/97	ND	10.0
N/A	2-Nitroaniline			EPA 8270A	06/05/97	ND	50.0
78300	3-Nitroaniline			EPA 8270A	06/05/97	ND	20.0
30342	4-Nitroaniline			EPA 8270A	06/05/97	ND	40.0
34447	Nitrobenzene			EPA 8270A	06/05/97	ND	10.0
34591	2-Nitrophenol			EPA 8270A	06/05/97	ND	10.0
34646	4-Nitrophenol			EPA 8270A	06/05/97	ND	50.0
N/A	n-Nitrosodi-n-butylamine			EPA 8270A	06/05/97	ND	10.0
78200	n-Nitrosodiethylamine			EPA 8270A	06/05/97	ND	20.0
34438	n-Nitrosodimethylamine			EPA 8270A	06/05/97	ND	10.0
34433	n-Nitrosodiphenylamine			EPA 8270A	06/05/97	ND	10.0
34429	n-Nitroso-n-dipropylamine			EPA 8270A	06/05/97	ND	10.0
N/A	n-Nitrosomethylethylamine			EPA 8270A	06/05/97	ND	10.0
N/A	n-Nitrosopiperidine			EPA 8270A	06/05/97	ND	10.0
78206	n-Nitrosopyrrolidine			EPA 8270A	06/05/97	ND	10.0
N/A	5-Nitro-o-toluidine			EPA 8270A	06/05/97	ND	10.0
39540	Parathion			EPA 8270A	06/05/97	ND	10.0
77793	Pentachlorobenzene			EPA 8270A	06/05/97	ND	10.0
81316	Pentachloronitrobenzene			EPA 8270A	06/05/97	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	06/05/97	ND	10.0
N/A	Phenacetin			EPA 8270A	06/05/97	ND	10.0
34461	Phenanthrene			EPA 8270A	06/05/97	ND	10.0
32730	Phenol			EPA 8270A	06/05/97	ND	10.0
N/A	p-Phenylenediamine			EPA 8270A	06/05/97	ND	10.0
46313	Phorate			EPA 8270A	06/05/97	ND	10.0
39516	PCBs			EPA 8080	02/12/97	ND	0.250
39080	Pronamide			EPA 8270A	06/05/97	ND	10.0
77007	Propionitrile			EPA 8260A	02/13/97	ND	10.0
34469	Pyrene			EPA 8270A	06/05/97	ND	10.0
77545	Safrole			EPA 8270A	06/05/97	ND	10.0
39760	Silvex			EPA 8150	02/19/97	ND	0.500
81520	Chloroprene			EPA 8260A	02/13/97	ND	50.0
00746	Sulfide			EPA 376.2	02/10/97	ND	100
39740	2,4,5-T			EPA 8150	02/19/97	ND	0.500
77734	1,2,4,5-Tetrachlorobenzene			EPA 8270A	06/05/97	ND	10.0
N/A	2,3,4,6-Tetrachlorophenol			EPA 8270A	06/05/97	ND	10.0
77142	o-Toluidine			EPA 8270A	06/05/97	ND	10.0
39401	Toxaphene			EPA 8080	02/12/97	ND	0.250
34551	1,2,4-Trichlorobenzene			EPA 8270A	06/05/97	ND	10.0
77687	2,4,5-Trichlorophenol			EPA 8270A	06/05/97	ND	10.0
34621	2,4,6-Trichlorophenol			EPA 8270A	06/05/97	ND	10.0
N/A	Triethyl phosphorothioate			EPA 8270A	06/05/97	ND	10.0
N/A	1,3,5-Trinitrobenzene			EPA 8270A	06/05/97	ND	10.0
77173	1,3-Dichloropropane			EPA 8260A	02/13/97	ND	5.00
77170	2,2-Dichloropropane			EPA 8260A	02/13/97	ND	5.00
77168	1,1-Dichloropropene			EPA 8260A	02/13/97	ND	5.00
34566	1,3-Dichlorobenzene			EPA 8260A	02/13/97	ND	5.00

* Attach Laboratory Reports

PART III - ANALYTICAL RESULTS (Continued)

[illegible]

* Attach Laboratory Reports



BROWARD TESTING LABORATORY, INC.

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



Date: 02/19/97 Report #: 7140057 Laboratory ID #: 86418

Client: PASCO COUNTY UTILITIES

ATTN: CANDY MULHERN

8864 GOVERNMENT DR.

NEW PORT RICHEY, FL 34654-

Date Collected: 02/04/97

Time Collected: 13:10

SOURCE: P.C.E.L.

CLASS 3

TANK-2

Date received at lab: 02/05/97

Time received at lab: 11:55

Collected by : C.CHILDRESS

ENVIRONMENTAL LABORATORY CERTIFICATION NUMBER 86035 LABORATORY PARAMETER ANALYSIS REPORT

Analysis Performed	Method	Analysis Result (mg/l)	Anal Date
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PARAMETERS WERE SUBCONTRACTED TO TOXIKON LABS, SEE ATTACHED.

Gary Meyer, Lab Director



BROWARD TESTING LABORATORY, LTD.

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



Date: 06/05/97 Report #: 7170248 Laboratory ID #: 86418

Client: PASCO COUNTY UTILITIES

ATTN: CANDY MULHERN

8864 GOVERNMENT DR.

NEW PORT RICHEY, FL 34654-

Date Collected: 05/27/97

Time Collected: 13:55

SOURCE: CLASS 3

TANK 2

SPECIAL

Date received at lab: 05/28/97

Collected by : C.CHILDRESS

Time received at lab: 11:30

ENVIRONMENTAL LABORATORY CERTIFICATION NUMBER E86035 LABORATORY PARAMETER ANALYSIS REPORT

Analysis Performed	Method	Analysis Result	Anal Date
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PARAMETERS WERE SUBCONTRACTED TO TOXIKON LABS, SEE ATTACHED.

Gary Meyer, Lab Director

Received: 02/06/97

Results by Sample

SAMPLE ID <u>7140057</u>		SAMPLE # <u>02</u> FRACTIONS: <u>A,B</u>	
		Date & Time Collected <u>02/04/97 13:10:00</u> Category <u>LIQUID</u>	
CN_TOT	<u>0.059</u>	HG	<u>ND</u>
mg/L DL=0.010		mg/L DL=0.0002	
<u>2-11-97</u>		<u>3-3-97</u>	
S_FID	<u>ND</u>		
mg/L DL=0.10			
<u>2-10-97</u>		<u>Analysis date</u>	

Received: 02/06/97

Results by Sample

SAMPLE ID 7140057FRACTION 02A TEST CODE 221CP NAME ICAP METALS SCANDate & Time Collected 02/04/97 13:10:00 Category LIQUID

	RESULT	LIMIT
SILVER	<u>ND</u>	<u>0.005</u>
CADMIUM	<u>ND</u>	<u>0.002</u>
CHROMIUM	<u>0.002</u>	<u>0.002</u>
COPPER	<u>0.006</u>	<u>0.002</u>
NICKEL	<u>ND</u>	<u>0.005</u>
LEAD	<u>ND</u>	<u>0.002</u>
ZINC	<u>0.031</u>	<u>0.005</u>
ARSENIC	<u>ND</u>	<u>0.002</u>
SELENIUM	<u>ND</u>	<u>0.002</u>
BERYLLIUM	<u>ND</u>	<u>0.002</u>
ANTIMONY	<u>0.002</u>	<u>0.002</u>
THALLIUM	<u>ND</u>	<u>0.003</u>
BARIUM	<u>0.005</u>	<u>0.002</u>
COBALT	<u>ND</u>	<u>0.002</u>
VANADIUM	<u>ND</u>	<u>0.002</u>
TIN	<u>ND</u>	<u>0.005</u>

Notes and Definitions for this Report:

EXTRACTED ~~02/25/97~~ 02-25-97DATE RUN ~~02/23/97~~ 02-26-97ANALYST VRINSTRUMENT ICPCONC FACTOR 1UNITS mg/L

Received: 02/06/97

Results by Sample

SAMPLE ID 7140057FRACTION 02ATEST CODE 504NAME EDB AND DBCP BY GCDate & Time Collected 02/04/97 13:10:00Category LIQUIDEPA 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..... 02/14/97

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

ND = NOT DETECTED AT DETECTION LIMITS

Received: 02/06/97

Results by Sample

SAMPLE ID 7140057FRACTION 02ATEST CODE 8080NAME PESTICIDES/PCBDate & Time Collected 02/04/97 13:10:00Category 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	0.010			
Toxaphene	ND	0.250			
Methoxychlor	ND	0.010			

Notes and Definitions for this Report:

EXTRACTED: 02/10/97
DATE RUN: 02/12/97
ANALYST: JRY
INSTRUMENT: HP-2
DIL. FACTOR: 1
UNITS: ug/L

ND = not detected at detection limit

Received: 02/06/97

Results by Sample

SAMPLE ID 7140057FRACTION 02ATEST CODE 8150WNAME CHLORINATED HERB. - WATERDate & Time Collected 02/04/97 13:10:00Category 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: 02/07/97DATE RUN: 02/19/97ANALYST: JRYINSTRUMENT: HP-2DIL. FACTOR: 1

Units: ug/l

ND = not detected at detection limit

Received: 02/06/97

Results by Sample

SAMPLE ID 7140057FRACTION 02A TEST CODE 8260A2 NAME PURGEABLE ORGANICS VOADate & Time Collected 02/04/97 13:10:00Category 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
Ally 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	10.0
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	5.00
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	118	75 - 135
Toluene-d8	99	64 - 142
Bromofluorobenzene	112	79 - 112

Notes and Definitions for this Report:

DATE RUN: 02/13/97ANALYST: BEDINSTRUMENT: GDIL. FACTOR: *1

COMMENTS: _____

UNITS: ug/L

ND = not detected at detection limit

Received: 05/29/97

Results by Sample

SAMPLE ID 7170248FRACTION 04A TEST CODE 8270A2 NAME A/BN EXTRACTABLES SOILDate & Time Collected 05/27/97 13:55:00Category 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-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: 05/29/97

Results by Sample

Continued From Above

SAMPLE ID 7170248FRACTION 04ATEST CODE 8270A2NAME A/BM EXTRACTABLES SOILDate & Time Collected 05/27/97 13:55:00Category 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	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	35%	21 - 100
Phenol-d6	44%	10 - 94
Nitrobenzene-d5	63%	35 - 114
2-Fluorobiphenyl	68%	43 - 116
2,4,6-Tribromophenol	76%	10 - 123
Terphenyl-d14	92%	33 - 141

Notes and Definitions for this Report:

UNITS: ug/LEXTRACTED: 06/02/97DATE RUN: 06/05/97ANALYST: DSINSTRUMENT: CDIL. FACTOR: 1

ND = not detected at detection limit

RECEIVED

Page 10

JUN 27 1997

TOXIKON CORP.

REPORT

Work Order # 97-05-140

Received: 05/29/97

Results by Sample

D E P

SAMPLE ID METHOD BLANKFRACTION 05ATEST CODE 8270A2NAME 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 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 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	45%	21 - 100
Phenol-d6	53%	10 - 94
Nitrobenzene-d5	43%	35 - 114
2-Fluorobiphenyl	51%	43 - 116
2,4,6-Tribromophenol	59%	10 - 123
Terphenyl-d14	70%	33 - 141

Notes and Definitions for this Report:

UNITS: ug/L
 EXTRACTED: 06/02/97
 DATE RUN: 06/05/97
 ANALYST: DS
 INSTRUMENT: C
 DIL. FACTOR: 1

ND = not detected at detection limit

Received: 05/29/97

Results by Sample

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

EPA METHOD 8270A

ANALYTE	RESULT	LIMIT	ANALYTE	RESULT	LIMIT
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	42%	*
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	48%	*	Isodrin	*	*
2-Chloronaphthalene	*	*	Isophorone	*	*
2-Chlorophenol	44%	*	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	*	*	3-Nitroaniline	*	*
3,3'-Dichlorobenzidine	*	*	4-Nitroaniline	*	*
2,4-Dichlorophenol	*	*	Nitrobenzene	*	*
2,6-Dichlorophenol	*	*	2-Nitrophenol	*	*
Diethyl phthalate	*	*	4-Nitrophenol	50%	*
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: 05/29/97

TOXIKON CORP.

REPORT

Work Order # 97-05-140

Results by Sample

Continued From Above

SAMPLE ID MEAN % RECOVERYFRACTION 06ATEST CODE 8270A2NAME A/BN EXTRACTABLES SOILDate & Time Collected not specifiedCategory QC**EPA METHOD 8270A**

ANALYTE	RESULT	LIMIT	ANALYTE	RESULT	LIMIT
n-Nitroso-n-dipropylamine	*	*	1,2,4-Trichlorobenzene	*	*
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	43%	*	Parathion	*	*
Phenacetin	*	*	Methyl parathion	*	*
Phenanthrene	*	*	Phorate	*	*
Phenol	50%	*			
p-Phenylenediamine	*	*			
Phorate	*	*			
Pronamide	*	*			
Pyrene	53%	*			
Safrole	*	*			
1,2,4,5-Tetrachlorobenzene	*	*			
2,3,4,6-Tetrachlorophenol	*	*			
o-Toluidine	*	*			
Surrogates	% Recovery	Surrogate Limits			
2-Fluorophenol	39%	21 - 100			
Phenol-d6	44%	10 - 94			
Nitrobenzene-d5	36%	35 - 114			
2-Fluorobiphenyl	44%	43 - 116			
2,4,6-Tribromophenol	54%	10 - 123			
Terphenyl-d14	60%	33 - 141			

Notes and Definitions for this Report:

UNITS: %

EXTRACTED: 06/02/97

DATE RUN: 06/05/97

ANALYST: DS

INSTRUMENT: C

DIL. FACTOR: * 1

ND = not detected at detection limit

Received: 05/29/97

Results by Sample

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
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	0%	*
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	*	*	Hexachlorobutadiene	*	*
4-Bromophenyl phenyl ether	*	*	Hexachlorocyclopentadiene	*	*
Butyl benzyl phthalate	*	*	Hexachloroethane	*	*
p-Chloroaniline	*	*	Hexachloropropene	*	*
Chlorobenzilate	*	*	Indeno(1,2,3-cd)pyrene	*	*
4-Chloro-3-methylphenol	3.0%	*	Isodrin	*	*
2-Chloronaphthalene	*	*	Isophorone	*	*
2-Chlorophenol	0%	*	Isosafrole	*	*
4-Chlorophenyl phenyl ether	*	*	Kepone	*	*
Chrysene	*	*	Methapyrilene	*	*
o-Cresol(2-Methylphenol)	*	*	3-Methylchlolanthrene	*	*
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	*	*	3-Nitroaniline	*	*
3,3'-Dichlorobenzidine	*	*	4-Nitroaniline	*	*
2,4-Dichlorophenol	*	*	Nitrobenzene	*	*
2,6-Dichlorophenol	*	*	2-Nitrophenol	*	*
Diethyl phthalate	*	*	4-Nitrophenol	3.0%	*
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

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	*	*	1,2,4-Trichlorobenzene	*	*
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	0%	*	Parathion	*	*
Phenacetin	*	*	Methyl parathion	*	*
Phenanthrene	*	*	Phorate	*	*
Phenol	3.0%	*			
p-Phenylenediamine	*	*			
Phorate	*	*			
Pronamide	*	*			
Pyrene	4.0%	*			
Safrole	*	*			
1,2,4,5-Tetrachlorobenzene	*	*			
2,3,4,6-Tetrachlorophenol	*	*			
o-Toluidine	*	*			

Surrogates	% Recovery	Surrogate	Limits
2-Fluorophenol	39%	21	- 100
Phenol-d6	44%	10	- 94
Nitrobenzene-d5	36%	35	- 114
2-Fluorobiphenyl	44%	43	- 116
2,4,6-Tribromophenol	54%	10	- 123
Terphenyl-d14	60%	33	- 141

Notes and Definitions for this Report:

UNITS: %
EXTRACTED: 06/02/97
DATE RUN: 06/05/97
ANALYST: DS
INSTRUMENT: C
DIL. FACTOR: *1

ND = not detected at detection limit

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TOXIKON CORP.

REPORT

Work Order # 97-05-140

Received: 05/29/97

Test Methodology

TEST CODE 8270A2 NAME A/BN EXTRACTABLES SOIL

Method not available.

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TOXIKON CORP.

REPORT

Work Order # 97-02-040

Received: 02/06/97

Results by Sample

SAMPLE ID	METHOD	BLANK	SAMPLE #	05	FRACTIONS:	A
			Date & Time Collected	not specified	Category	QC
CN_TOT	ND	HG	S_FID	ND		
mg/L	DL=0.010	mg/L	DL=0.0002	mg/L	DL=0.10	

Received: 02/06/97

TOXIKON CORP.

REPORT

Work Order # 97-02-040

Results by Sample

SAMPLE ID METHOD BLANKFRACTION 05A TEST CODE 22ICP NAME ICAP METALS SCANDate & Time Collected not specified Category QC

	RESULT	LIMIT
SILVER	<u>ND</u>	<u>0.005</u>
CADMIUM	<u>ND</u>	<u>0.002</u>
CHROMIUM	<u>ND</u>	<u>0.002</u>
COPPER	<u>ND</u>	<u>0.002</u>
NICKEL	<u>ND</u>	<u>0.005</u>
LEAD	<u>ND</u>	<u>0.002</u>
ZINC	<u>ND</u>	<u>0.005</u>
ARSENIC	<u>ND</u>	<u>0.002</u>
SELENIUM	<u>ND</u>	<u>0.002</u>
BERYLLIUM	<u>ND</u>	<u>0.002</u>
ANTIMONY	<u>ND</u>	<u>0.002</u>
THALLIUM	<u>ND</u>	<u>0.003</u>
BARIUM	<u>ND</u>	<u>0.002</u>
COBALT	<u>ND</u>	<u>0.002</u>
VANADIUM	<u>ND</u>	<u>0.002</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: 02/06/97

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..... 02/14/97

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

ND = NOT DETECTED AT DETECTION LIMITS

Received: 02/06/97

TOXIKON CORP.

REPORT

Work Order # 97-02-040

Results by Sample

SAMPLE ID METHOD BLANKFRACTION 05ATEST CODE 8080NAME PESTICIDES/PCBDate & Time Collected not specifiedCategory QC**EPA 8080 - ORGANOCHLORINE PESTICIDES & PCB'S**

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

Notes and Definitions for this Report:

EXTRACTED: 02/10/97
DATE RUN: 02/12/97
ANALYST: JRY
INSTRUMENT: HP-2
DIL. FACTOR: 1
UNITS: ug/L

ND = not detected at detection limit

SAMPLE ID METHOD BLANK FRACTION 05A TEST CODE 8150W 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: 02/07/97
DATE RUN: 02/19/97
ANALYST: JRY
INSTRUMENT: HP-2
DIL. FACTOR: 1

ND = not detected at detection limit

SAMPLE ID METHOD BLANKFRACTION 05ATEST CODE 8260A2NAME PURGEABLE ORGANICS VOADate & Time Collected not specifiedCategory QCEPA 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	75 - 135
Toluene-d8	102	64 - 142
Bromofluorobenzene	106	79 - 112

Notes and Definitions for this Report:

DATE RUN: 02/13/97ANALYST: BEDINSTRUMENT: GDIL. FACTOR: 1

COMMENTS:

UNITS: ug/L

ND = not detected at detection limit

Received: 02/06/97

Results by Sample

SAMPLE ID	MEAN % RECOVERY	SAMPLE #	06	FRACTIONS:	A
Date & Time Collected				not specified	Category
CN_TOT	96	HG	80	S_FID	93
	%		%		%

Received: 02/06/97

Results by Sample

SAMPLE ID MEAN % RECOVERYFRACTION 06ATEST CODE 22ICPNAME ICAP METALS SCANDate & Time Collected not specifiedCategory 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 02/27/97DATE RUN 02/28/97ANALYST VRINSTRUMENT ICPCONC FACTOR *UNITS %

Received: 02/06/97

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>99 %</u>	<u>*</u>	106-93-4
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	<u>110 %</u>	<u>*</u>	96-12-8

NOTES AND DEFINITIONS FOR THIS REPORT

DATE RUN..... 02/14/97

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

ND = NOT DETECTED AT DETECTION LIMITS

Received: 02/06/97

TOXIKON CORP.

REPORT

Work Order # 97-02-040

Results by Sample

SAMPLE ID MEAN % RECOVERYFRACTION 06ATEST CODE 8080NAME PESTICIDES/PCBDate & Time Collected not specifiedCategory QC**EPA 8080 - ORGANOCHLORINE PESTICIDES & PCB's**

	DETEC.			DETEC.	
	RESULT	LIMIT		RESULT	LIMIT
Alpha-BHC	79 %	*	Aroclor 1016	*	*
Gamma-BHC (Lindane)	76 %	*	Aroclor 1221	*	*
Beta-BHC	87 %	*	Aroclor 1232	*	*
Heptachlor	86 %	*	Aroclor 1242	*	*
Delta-BHC	79 %	*	Aroclor 1248	*	*
Aldrin	85 %	*	Aroclor 1254	*	*
Heptachlor Epoxide	95 %	*	Aroclor 1260	*	*
Endosulfan I	76 %	*			
4,4'-DDE	85 %	*			
Dieldrin	91 %	*			
Endrin	80 %	*			
4,4'-DDD	82 %	*			
Endosulfan II	95 %	*			
4,4'-DDT	104 %	*			
Endrin Aldehyde	78 %	*			
Endosulfan Sulfate	81 %	*			
Chlordane	*	*			
Toxaphene	*	*			
Methoxychlor	98 %	*			

Notes and Definitions for this Report:

EXTRACTED: 02/10/97
 DATE RUN: 02/12/97
 ANALYST: JRY
 INSTRUMENT: HP-2
 DIL. FACTOR: *1
 UNITS: %

ND = not detected at detection limit

Results by Sample

SAMPLE ID MEAN % RECOVERYFRACTION 06ATEST CODE 8150WNAME CHLORINATED HERB. - WATERDate & Time Collected not specifiedCategory QCEPA 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: 02/07/97
DATE RUN: 02/11/97
ANALYST: JRY
INSTRUMENT: HP-2
DIL. FACTOR: *1

ND = not detected at detection limit

Received: 02/06/97

Results by Sample

SAMPLE ID MEAN % RECOVERYFRACTION 06ATEST CODE 8260A2NAME PURGEABLE ORGANICS VOADate & Time Collected not specifiedCategory QCEPA 8260A PURGEABLE ORGANICS

	RESULT	LIMIT		RESULT	LIMIT
Acetone	-	-			
Acetonitrile	-	-	Ethylbenzene	-	-
Acrolein	-	-	Ethyl methacrylate	-	-
Acrylonitrile	-	-	2-Hexanone	-	-
Ally chloride	-	-	Isobutyl alcohol	-	-
Benzene	83%	-	Methacrylonitrile	-	-
Bromochloromethane	-	-	Methyl bromide	-	-
Bromodichloromethane	-	-	Methyl chloride	-	-
Bromoform	-	-	Methylene bromide	-	-
Carbon disulfide	-	-	Methylene chloride	-	-
Carbon tetrachloride	-	-	Methyl ethyl ketone	-	-
Chlorobenzene	81%	-	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	80%	-
Dichlorodifluoromethane	-	-	1,1,1-Trichloroethane	-	-
1,1-Dichloroethane	-	-	1,1,2-Trichloroethane	-	-
1,2-Dichloroethane	-	-	Trichloroethene	79%	-
1,1-Dichloroethene	86%	-	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-Dichloropropene	-	-	1,2-Dibromomethane	-	-
cis-1,3-Dichloropropene	-	-			
trans-1,3-Dichloropropene	-	-			

Surrogates	% Recovery	Surrogate Limits
Dibromofluoromethane	99	86 - 118
Toluene-d8	97	88 - 110
Bromofluorobenzene	105	86 - 115

Notes and Definitions for this Report:

DATE RUN: 02/04/97ANALYST: DSINSTRUMENT: VOA-5972DIL. FACTOR: *

COMMENTS: _____

UNITS: %

ND = not detected at detection limit

Received: 02/06/97

Results by Sample

SAMPLE ID	RPD	SAMPLE #	07	FRACTIONS:	A	
Date & Time Collected				not specified	Category	QC
CN_TOT	3.0	HG		S_FID	4.3	
% mg/L		DL=0.0002	%			

Received: 02/06/97

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: 02/06/97

TOXIKON CORP.

REPORT

Work Order # 97-02-040

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>4.0 %</u>	<u>*</u>	<u>106-93-4</u>
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	<u>5.5 %</u>	<u>*</u>	<u>96-12-8</u>

NOTES AND DEFINITIONS FOR THIS REPORT

DATE RUN..... 02/14/97

INSTRUMENT..... HP-2

UNITS..... %

ND = NOT DETECTED AT DETECTION LIMITS

Received: 02/06/97

TOXIKON CORP.

REPORT

Work Order # 97-02-040

Results by Sample

SAMPLE ID RPDFRACTION 07ATEST CODE 8080NAME PESTICIDES/PCBDate & Time Collected not specifiedCategory QC**EPA 8080 - ORGANOCHLORINE PESTICIDES & PCB's**

	DETEC.			DETEC.	
	RESULT	LIMIT		RESULT	LIMIT
Alpha-BHC	<u>0 %</u>	<u>*</u>	Aroclor 1016	<u>*</u>	<u>*</u>
Gamma-BHC (Lindane)	<u>1.3 %</u>	<u>*</u>	Aroclor 1221	<u>*</u>	<u>*</u>
Beta-BHC	<u>2.3 %</u>	<u>*</u>	Aroclor 1232	<u>*</u>	<u>*</u>
Heptachlor	<u>3.5 %</u>	<u>*</u>	Aroclor 1242	<u>*</u>	<u>*</u>
Delta-BHC	<u>2.5 %</u>	<u>*</u>	Aroclor 1248	<u>*</u>	<u>*</u>
Aldrin	<u>2.4 %</u>	<u>*</u>	Aroclor 1254	<u>*</u>	<u>*</u>
Heptachlor Epoxide	<u>4.2 %</u>	<u>*</u>	Aroclor 1260	<u>*</u>	<u>*</u>
Endosulfan I	<u>1.3 %</u>	<u>*</u>			
4,4'-DDE	<u>2.3 %</u>	<u>*</u>			
Dieldrin	<u>2.2 %</u>	<u>*</u>			
Endrin	<u>2.5 %</u>	<u>*</u>			
4,4'-DDD	<u>3.7 %</u>	<u>*</u>			
Endosulfan II	<u>1.0 %</u>	<u>*</u>			
4,4'-DDT	<u>3.8 %</u>	<u>*</u>			
Endrin Aldehyde	<u>1.3 %</u>	<u>*</u>			
Endosulfan Sulfate	<u>2.5 %</u>	<u>*</u>			
Chlordane	<u>*</u>	<u>*</u>			
Toxaphene	<u>*</u>	<u>*</u>			
Methoxychlor	<u>4.1 %</u>	<u>*</u>			

Notes and Definitions for this Report:

EXTRACTED: 02/10/97DATE RUN: 02/12/97ANALYST: JRYINSTRUMENT: HP-2DIL. FACTOR: *1UNITS: %

ND = not detected at detection limit

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: 02/07/97
DATE RUN: 02/11/97
ANALYST: JRY
INSTRUMENT: HP-2
DIL. FACTOR: *1

ND = not detected at detection limit

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	-	-
Allyl chloride	-	-	Isobutyl alcohol	-	-
Benzene	6%	-	Methacrylonitrile	-	-
Bromochloromethane	-	-	Methyl bromide	-	-
Bromodichloromethane	-	-	Methyl chloride	-	-
Bromoform	-	-	Methylene bromide	-	-
Carbon disulfide	-	-	Methylene chloride	-	-
Carbon tetrachloride	-	-	Methyl ethyl ketone	-	-
Chlorobenzene	5%	-	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	8%	-
Dichlorodifluoromethane	-	-	1,1,1-Trichloroethane	-	-
1,1-Dichloroethane	-	-	1,1,2-Trichloroethane	-	-
1,2-Dichloroethane	-	-	Trichloroethene	7%	-
1,1-Dichloroethene	4%	-	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-Dichloropropene	-	-	1,2-Dibromomethane	-	-
cis-1,3-Dichloropropene	-	-			
trans-1,3-Dichloropropene	-	-			

Surrogates	% Recovery	Surrogate Limits
Dibromofluoromethane	99	86 - 118
Toluene-d8	97	88 - 110
Bromofluorobenzene	105	86 - 115

Notes and Definitions for this Report:

DATE RUN: 02/13/97ANALYST: CINSTRUMENT: VOA-5972DIL. FACTOR: *

COMMENTS: _____

UNITS: %

ND = not detected at detection limit

Received: 02/06/97

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 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 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.

Received: 02/06/97

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.

TOXIKON CORP

VOLATILE MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

DATE RUN: Feb. 16,1997

METHOD: 8260

WORK ORDER#: 9702147

MATRIX: WATER

SAMPLE #: 9702147.02

PAGE: 1

DATA FILES: G0875
G0876

UNITS: ug/L

TOXIKON PROJECT#: 9702147

COMPOUND	CONC. SPIKE ADDED (ug)	SAMPLE RESULT	CONC. MS	CONC. MSD	%REC MS	%REC MSD	RPD	QC LIMITS *	
								RPD	RECOVERY
1,1-Dichloroethene	50	0.00	66.64	63.71	133 OK	127 OK	4 OK	14	61 - 145
Benzene	50	0.00	50.47	49.63	101 OK	99 OK	2 OK	11	76 - 127
Trichloroethene	50	0.00	51.56	49.58	103 OK	99 OK	4 OK	14	71 - 120
Toluene	50	0.00	57.47	55.20	115 OK	110 OK	4 OK	13	76 - 125
Chlorobenzene	50	0.00	53.16	50.93	106 OK	102 OK	4 OK	13	75 - 130

RPD: 0 out of 5 outside limits
 Spike Recovery: 0 out of 10 outside limits

* = Values outside of QC limits

SURROGATE RECOVERIES FOR MS/MSD

SURROGATE COMPOUND	G0875		G0876		G0875		G0876		QC LIMITS *
	Conc Surr ADDED	CONC. MS SURR	CONC. MSD SURR	%REC MS SURR	%REC MSD SURR	%REC MS SURR	%REC MSD SURR		
Dibromofluoromethane	50	57.71	58.02	115 OK	116 OK	115 OK	116 OK	86 - 118	
Toluene-d8	50	50.11	49.84	100 OK	100 OK	100 OK	100 OK	88 - 110	
4-Bromofluorobenzene	50	57.52	56.32	115 OK	113 OK	115 OK	113 OK	86 - 115	

SURR: 0 out of 6 outside limits

* = Values outside of QC limits

VOLATILE SURROGATE RECOVERIES

TOXIKON PROJECT #: 9702283

SAMPLE ID #	Dibromofluoro methane	Toluene -d8	Bromofluoro- benzene	VOAS OUT
01 Method Blank	52 OK	51 OK	53 OK	0
02 Lab Cont Spike	52 OK	52 OK	54 OK	0
03 9702147.02MS	58 OK	50 OK	58 OK	0
04 9702147.02MSD	58 OK	50 OK	56 OK	0
05 Method Blank	56 OK	49 OK	48 OK	0
06 Lab Cont Spike	54 OK	50 OK	47 OK	0
07 9702283.01	54 OK	48 OK	47 OK	0
08				0
09				0
10				0
11				0
12				0
13				0
14				0
15				0
16				0
17				0
18				0
19				0
20				0
21				0

Dibromofluoromethane
Toluene-d8
Bromofluorobenzene

LIMITS
43 - 59
44 - 55
43 - 57.5

* SURROGATES OUTSIDE QC LIMITS



PASCO COUNTY, FLORIDA

REPORT OF ANALYSES

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

PROJECT NAME: CL 3 LEA QI '97
DATE: 02/13/97
DHRS # 44237, E44123

SAMPLE NUMBER- 54048 SAMPLE ID- TANK 1 @ CLASS III LEACHATE SAMPLE MATRIX- LE
DATE SAMPLED- 02/04/97 LOCATION- TIME SAMPLED- 1355
DATE RECEIVED- 02/04/97 SAMPLER- CHRIS CHILDRESS RECEIVED BY- AS
TIME RECEIVED- 1445 DELIVERED BY- CHRIS CHILDRESS

Page 1 of 1

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT UNITS	
FIELD PH	EPA 150.1		02/04/97	1355	CHR	6.69 STD. UNITS	
FIELD TEMPERATURE	SM2550B		02/04/97	1355	CHR	22.9 DEGREES C	
FIELD CONDUCTIVITY	SM2510B		02/04/97	1355	CHR	2560 umhos/cm	
DISSOLVED OXYGEN, FIELD	SM4500-O G		02/04/97	1355	CHR	0.7 mg/L	
ALKALINITY, BICARB.	EPA310.1		02/05/97	1405	CMM	1004 mg/l	
CHLORIDE	EPA 325.3		02/05/97	1100	CMM	245 mg/L	
COLOR	EPA 110.2		02/04/97	1545	CMM	300 CPU	
AMMONIA NITROGEN	SM4500NH3E		02/06/97	1600	TER	1.22 mg/L	
UN-IONIZED AMMONIA N	DEP SOP		02/12/97	0730	CEM	<0.02 mg/L	
NITRATE	EPA 353.2		02/06/97	1300	IF	<0.11 mg/L	
TOTAL DISS. SOLIDS	EPA160.1		02/05/97	1600	CMM	1980 mg/L	
IRON, TOTAL	236.2	02/05/97	TER	02/05/97	1450	TER	0.53 mg/L
MERCURY, TOTAL	245.1			02/07/97	1015	TER	<0.0002 mg/L
SODIUM, TOTAL	273.1	02/05/97	TER	02/05/97	1530	TER	186 mg/L

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

REPORT OF ANALYSES

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

PROJECT NAME: CL 3 LEA QI '97
DATE: 02/13/97
DHRS # 44237, E44123

SAMPLE NUMBER- 54049 SAMPLE ID- TANK 2 @ CLASS III LEACHATE SAMPLE MATRIX- LE
DATE SAMPLED- 02/04/97 LOCATION- TIME SAMPLED- 1310
DATE RECEIVED- 02/04/97 SAMPLER- CHRIS CHILDRESS RECEIVED BY- AS
TIME RECEIVED- 1445 DELIVERED BY- CHRIS CHILDRESS

Page 1 of 1

ANALYSIS	METHOD	SAMPLE PREP DATE	ANALYSIS BY DATE	TIME	BY	RESULT	UNITS	
FIELD PH	EPA 150.1		02/04/97	1310	CHR	6.26	STD. UNITS	
FIELD TEMPERATURE	SM2550B		02/04/97	1310	CHR	22.6	DEGREES C	
FIELD CONDUCTIVITY	SM2510B		02/04/97	1310	CHR	463	umhos/cm	
DISSOLVED OXYGEN, FIELD	SM4500-O G		02/04/97	1310	CHR	3.2	mg/L	
ALKALINITY, BICARB.	EPA310.1		02/05/97	1405	CMM	197	mg/l	
CHLORIDE	EPA 325.3		02/05/97	1100	CMM	20.8	mg/L	
COLOR	EPA 110.2		02/04/97	1545	CMM	150	CPU	
AMMONIA NITROGEN	SM4500NH3E		02/06/97	1600	TER	0.24	mg/L	
UN-IONIZED AMMONIA N	DEP SOP		02/12/97	0730	CEM	<0.02	mg/L	
NITRATE	EPA 353.2		02/06/97	1300	IF	2.18	mg/L	
TOTAL DISS. SOLIDS	EPA160.1		02/05/97	1600	CMM	320	mg/L	
IRON, TOTAL	236.2	02/05/97	TER	02/05/97	1450	TER	0.59	mg/L
MERCURY, TOTAL	245.1		02/07/97	1015	TER	<0.0002	mg/L	
SODIUM, TOTAL	273.1	02/05/97	TER	02/05/97	1530	TER	10.2	mg/L

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

QC REPORT FOR CLASS III LANDFILL 02/13/97

QA/QC for SAMPLE Nos: 54048, 54049,

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, 8ICARB.	54048	1003	1006	3.0	0.30	-----	STD	100	99.0	99.00
EPA310.1	54051	-----	-----	-----	-----	98.00	-----	-----	-----	-----
mg/l										
CHLORIDE	54048	244	246	2.0	0.82	-----	STD	20.00	20.25	101.25
EPA 325.3	54049	-----	-----	-----	-----	100.40	STD	20.00	20.10	100.50
mg/L	54050	642	627	15	2.36	-----	-----	-----	-----	-----
	54051	1255	1295	40	3.14	-----	-----	-----	-----	-----
COLOR	54050	900	1000	100	10.53	-----	-----	-----	-----	-----
EPA 110.2	54051	750	800	50	6.45	-----	-----	-----	-----	-----
CPU										
AMMONIA NITROGEN	54016	232	225	7.0	3.06	-----	-----	-----	-----	-----
SM4500NH3E	54049	-----	-----	-----	-----	96.00	-----	-----	-----	-----
mg/L										
UN-IONIZED AMMONIA N	NO DUPLICATE, SPIKE, OR REFERENCE SAMPLES FOR THIS ANALYSIS									
DEP SOP										
mg/L										
NITRATE	-----	-----	-----	-----	-----	-----	N03 STD	4.000	4.021	100.53
EPA 353.2	-----	-----	-----	-----	-----	-----	N03 STD	4.000	3.896	97.42
mg/L										
TOTAL DISS.SOLIDS	54048	1860	2100	240	12.12	-----	STD	293	300	102.00
EPA160.1	54050	2680	2640	40	1.50	-----	STD	293	284	96.90
mg/L	54051	16500	16800	300	1.80	-----	-----	-----	-----	-----



PASCO COUNTY, FLORIDA

QC REPORT FOR CLASS III LANDFILL 02/13/97

QA/QC for SAMPLE Nos: 54048, 54049,

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 236.2 mg/L	54014	4.78	4.75	0.030	0.63	101.30	-----	-----	-----	-----
MERCURY, TOTAL 245.1 mg/L	54014	0.31	0.26	0.050	17.54	96.30	3418	3.75	3.93	104.80
SODIUM, TOTAL 273.1 mg/L	54014	11.84	11.71	0.13	1.10	101.00	-----	-----	-----	-----



BROWARD TESTING LABORATORIES

June 19, 1997

Ms. Candia Mulhern
Pasco County Utilities
8864 Government DR
New Port Richey, FL 34654

Dear Ms. Mulhern:

Enclosed are the following reports for 40CFR Part 258, Appendix I & II:

PCUD ID

BTL ID'S

EPSL Tank 5
Class 3 Tank 2
EPSL Tank 4
Class 3, Tank 1

7140056, 7170246(EPA 8270)
7140057, 7170248(EPA 8270)
7140058, 7170245(EPA 8270)
7140059, 7140122(EPA 8260)
7170247(EPA 8270)

May I offer my sincerest apologies for the delay. A copy of a letter from Toxikon Corp. is enclosed indicating the analysis date of the metals. On the actual metals report, you will notice dates have been X'd out. Revised reports were not received at our office until June 6 and these reports had an incorrect metals analysis date. I have had to cross out and initial several other items on your original reports that were incorrect. This was done to prevent any further delay waiting for reprints.

Please call me at 800-458-3330 if you have any questions.

Sincerely,

Rose Stibila
Senior Technical Service

1053296, 1053915, 1056861 XII

FAX TRANSMITTAL

DATE:	<u>6/12/97</u>
NO. OF PAGES (INCLUDING COVER SHEET):	<u>1 pg</u>
TO:	<u>Susan Henderson</u>
FROM:	<u>Irene</u>
COMMENTS:	<u>The analysis date for projects</u> <u>7140056, 7140057, 7140058, 7140059</u> <u>is 2/26/97. (Our Work Order #9702040)</u> <u>Metals.</u> <u>Sorry ;</u> <u>Irene</u>

A HARD COPY OF THIS REPORT AND COMPLETE QA/QC DATA WILL FOLLOW IN THE MAIL. IF YOU HAVE ANY QUESTIONS REGARDING THIS REPORT, PLEASE CALL PIA OR JOHN AT (561)478-4803.

STATEMENT OF CONFIDENTIALITY

This facsimile transmission contains information from Toxikon. The information contained is confidential and/or privileged, and it is intended only for the use of the addressee named on the transmittal sheet. If you are not the intended addressee, please note that any disclosure, copying, distribution or use of faxed information is prohibited. If you received this fax in error, please notify us immediately by telephone, so that we can arrange to retrieve the original documents without cost to you.

PLEASE CONTACT US IMMEDIATELY IF YOU ARE NOT THE INTENDED RECIPIENT!

7140023 7140025 7140026 7140056-59 7140235-238

WO #	29	30 ²⁶	31	* 40	134
TOT CN	2/11	2/11	2/11	2/11	2/27
Hg	3/3	3/3	3/3	3/3	3/3
Sulfide	2/10	2/10	2/10	2/10	3/25 -25
Collected	2/3	2/3	2/3	2/4	2/19

These are OK

Holding times

CN 14 days
Sulfide 7 days

everything seems fine.
There

18.000.