W. Pasco Cl 3
leachate E.U

PASCO COUNTY, FLORIDA

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

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

July 23, 1996



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

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

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 West Pasco Class III Sanitary Landfill. These results are submitted for the first semester sampling period.

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

Sincerely,

Candia E. Mulhern
Laboratory Manager

CEM/as

Enclosure

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

RECEIVED
JUL 25 1996
Department of Environmental Protection
SOUTHWEST DISTRICT
BY

DEP Form # 62-522.900(7)
Form Title GROUND WATER MONITORING REPORT
Effective Date
DEP Application No.

Florida Department of Environmental Protection

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

GROUND WATER MONITORING REPORT

Rule 62-522.600(11)

PART I GENERAL INFORMATION

(1) Facility Name 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 / Leachate

(6) Method of Discharge Unknown

Certification

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

Date: 01 Feb 1996 Candia E. Mulhern

Signature of Owner or Authorized Representative

PART II QUALITY ASSURANCE REQUIREMENTS

Sample Organization Comp QAP #

Analytical Lab Comp QAP #/HRS Certification # 870167 G/7 54237, E44123

*Comp QAP #/HRS Certification # 870202 G Potable BTL #1-86137 & 86418 Env. 86035

Lab Name Pasco County Environmental Laboratory

Address 8864 Government Drive, New Port Richey, FL 34654

Phone Number (813) 847-8902

DEP Form # 62-522.900(2)

Form Title GROUND WATER MONITORING REPORT

Effective Date

DEP Aplication No.

Florida Department of Environmental Protection

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

GROUND WATER MONITORING REPORT

Rule 62-522.600(11)

PART I - GENERAL INFORMATION

(1) Facility Name: HAYS ROAD CLASS III LANDFILL

Address: 1275 Hays Road

City, State, Zip: Spring Hill, Fl 34610

Telephone Number:

(2) The GMS Identification Number: 4051M30035

(3) DEP Permit Number: SO51-182279

(4) Authorized Representative Name: Candia E. Mulhern

Address: 8864 Government Drive

City, State, Zip: New Port Richey, FL 34654

Telephone Number: (813) 847-8902

(5) Type of Discharge: Landfill / Leachate

(6) Method of Discharge: Unknown

Certification

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

Date: 07/23/96

Candia E. Mulhern

Signature of Owner or Authorized Representative

PART II - QUALITY ASSURANCE REQUIREMENTS

Sample Organization Comp QAP #

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

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

Lab Name: Broward Testing Laboratory

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

Phone Number: (216) 449-2525

III ANALYTICAL RESULTS

Facility GMS #: 4051M30035 Sampling Date/Time: 3/12/96 @ 1110

Test Site ID #: NA Report Period: 1996 / 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):

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	03/13/96 1600	<0.15 mg/L	0.15 mg/L
000940	Chloride	"	"	SM 4500Cl-B	03/15/96 1000	166 mg/L	0.15 mg/L
000400	pH-Field	"	"	EPA 150.1	03/12/96 1110	6.27 Std. Units	0.01 Std. Units
070300	Total Dis. Solids	"	"	SM 2540C	03/15/96 1500	1,900 mg/L	1 mg/L
000344	Dissolved Oxygen	"	"	SM 4500 O G	03/12/96 1110	0.5 mg/L	0.01 mg/L
000410	Bicarbonate	"	"	EPA 310.1	03/13/96 1400	793 mg/L	1 mg/L
000095	Specific Cond. (Field)	"	"	SM 2510B	03/12/96 1110	1,809 µmhos/cm	0.00 µmhos/cm
000010	Temperature (Field)	"	"	SM 2550B	03/12/96 1110	19.69 °C	0 °C
000610	Ammonia	"	"	EPA 350.1	03/14/96 1500	7.06 mg/L	0.07 mg/L
900216	Color	"	"	EPA 110.2	03/13/96 1400	40 PCU	0.0 PCU
001045	Iron	"	"	EPA 236.1	03/15/96 1200	0.42 mg/L	0.001 mg/L
000929	Sodium	"	"	EPA 273.1	03/15/96 0900	122 mg/L	0.01 mg/L
071900	Mercury	"	"	EPA 245.1	03/19/96 1500	0.0006 mg/L	0.0005 mg/L
000612	NH_4-N	"	"	DEP SOP 10/03/83	03/15/96 1100	<0.02 mg/L	0.02 mg/L

*Attach Laboratory Reports

r032703:mo(2)

PART III - ANALYTICAL RESULTS

Facility GMS #: _____ Sampling Date/Time: 03/19/96 08:15

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

WELL NAME: CLASS III LANDFILL LEACHATE 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)			EPA 170.1		degree,C	degree,C
00400	pH (field)			EPA 150.1		Std.Units	Std.Units
	Water Level Elev.			NA		Ft. NGVD	Ft. NGVD
00094	Specific Cond. (field)			EPA 120.1		µmhos/cm	µmhos/cm
01095	Antimony			EPA 204.2	03/25/96	ND	0.150
01000	Arsenic			EPA 206.2	03/25/96	ND	0.100
01005	Barium			EPA 208.2	03/25/96	ND	0.250
01010	Beryllium			EPA210.2	03/25/96	ND	0.004
01025	Cadmium			EPA 213.2	03/25/96	ND	0.010
01030	Chromium			EPA 218.2	03/25/96	0.024	0.010
01035	Cobalt			EPA 219.2	03/25/96	ND	0.010
01040	Copper			EPA 220.1	03/25/96	0.011	0.010
01049	Lead			EPA 239.2	03/25/96	ND	0.050
01065	Nickel			EPA 249.1	03/25/96	ND	0.020
01145	Selenium			EPA 270.2	03/25/96	ND	0.250
01075	Silver			EPA 272.2	03/25/96	ND	0.010
01057	Thallium			EPA 279.2	03/25/96	ND	0.300
01085	Vanadium			EPA 286.2	03/25/96	ND	0.010
71890	Mercury			EPA 245.1	03/15/96	ND	0.0002
01100	Tin			EPA 200.7	03/25/96	ND	0.3
01090	Zinc			EPA 289.1	03/25/96	0.016	0.010
00723	Cyanide			EPA 335.2	03/18/96	ND	0.010

* Attach Laboratory Reports

PART III - ANALYTICAL RESULTS (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units (µg/l)	Detection Limits/ Units (µg/l)
81552	Acetone			EPA 8260A	03/22/96	ND	50.0
34215	Acrylonitrile			EPA 8260A	03/22/96	ND	5.00
34235	Benzene			EPA 8260A	03/22/96	ND	5.00
N/A	Bromochloromethane			EPA 8260A	03/22/96	ND	5.00
32101	Bromodichloromethane			EPA 8260A	03/22/96	ND	5.00
32104	Bromoform			EPA 8260A	03/22/96	ND	5.00
77041	Carbon disulfide			EPA 8260A	03/22/96	ND	5.00
32102	Carbon tetrachloride			EPA 8260A	03/22/96	ND	10.0
34301	Chlorobenzene			EPA 8260A	03/22/96	ND	5.00
34311	Chloroethane			EPA 8260A	03/22/96	ND	10.0
32106	Chloroform			EPA 8260A	03/22/96	ND	5.00
32105	Dibromochloromethane			EPA 8260A	03/22/96	ND	5.00
38761	1,2-Dibromo-3-chloropropane			EPA 504	03/16/96	ND	0.0200
77651	1,2-Dibromoethane			EPA 8260A	03/22/96	ND	5.00
34537	o-Dichlorobenzene			EPA 8260A	03/22/96	ND	5.00
34571	p-Dichlorobenzene			EPA 8260A	03/22/96	ND	5.00
49263	Trans-1,4-Dichloro-2-butene			EPA 8260A	03/22/96	ND	50.0
34496	1,1-Dichloroethane			EPA 8260A	03/22/96	ND	5.00
32103	1,2-Dichloroethane			EPA 8260A	03/22/96	ND	5.00
34502	1,1-Dichloroethene			EPA 8260A	03/22/96	ND	5.00
81686	cis-1,2-Dichloroethene			EPA 8260A	03/22/96	ND	5.00
34546	trans-1,2-Dichloroethene			EPA 8260A	03/22/96	ND	5.00
34541	1,2-Dichloropropane			EPA 8260A	03/22/96	ND	5.00
34704	cis-1,3-Dichloropropene			EPA 8260A	03/22/96	ND	5.00
34699	trans-1,3-Dichloropropene			EPA 8260A	03/22/96	ND	5.00
78113	Ethylbenzene			EPA 8260A	03/22/96	ND	5.00
77103	2-Hexanone			EPA 8260A	03/22/96	ND	10.0
34413	Methyl bromide			EPA 8260A	03/22/96	ND	5.00

* Attach Laboratory Reports

PART III - ANALYTICAL RESULTS (Co. ued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units (µg/l)	Detection Limits/ Units (µg/l)
34418	Methyl chloride			EPA 8260A	03/22/96	ND	5.00
77596	Methylene bromide			EPA 8260A	03/22/96	ND	10.0
34423	Methylene chloride			EPA 8260A	03/22/96	ND	10.0
81595	Methyl ethyl ketone			EPA 8260A	03/22/96	ND	10.0
49262	Methyl iodide			EPA 8260A	03/22/96	ND	10.0
78133	4-Methyl-2-pentanone			EPA 8260A	03/22/96	ND	10.0
77128	Styrene			EPA 8260A	03/22/96	ND	5.00
77562	1,1,1,2-Tetrachloroethane			EPA 8260A	03/22/96	ND	5.00
34516	1,1,2,2-Tetrachloroethane			EPA 8260A	03/22/96	ND	5.00
34476	Tetrachloroethene			EPA 8260A	03/22/96	ND	5.00
78131	Toluene			EPA 8260A	03/22/96	ND	5.00
34506	1,1,1-Trichloroethane			EPA 8260A	03/22/96	ND	5.00
34511	1,1,2-Trichloroethane			EPA 8260A	03/22/96	ND	5.00
34485	Trichloroethene			EPA 8260A	03/22/96	ND	5.00
34488	Trichlorofluoromethane			EPA 8260A	03/22/96	ND	5.00
77443	1,2,3-Trichloropropane			EPA 8260A	03/22/96	ND	5.00
77057	Vinyl acetate			EPA 8260A	03/22/96	ND	5.00
39175	Vinyl chloride			EPA 8260A	03/22/96	ND	5.00
81551	Xylenes			EPA 8260A	03/22/96	ND	5.00

* Attach Laboratory Reports

PART III - ANALYTICAL RESULTS (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units (µg/l)	Detection Limits/ Units (µg/l)
34205	Acenaphthene			EPA 8270A	03/29/96	ND	5.00
34200	Acenaphthylene			EPA 8270A	03/29/96	ND	5.00
N/A	Acetonitrile			EPA 8260A	03/22/96	ND	5.00
81553	Acetophenone			EPA 8270A	03/29/96	ND	10.0
N/A	2-Acetylaminofluorene			EPA 8270A	03/29/96	ND	10.0
34210	Acrolein			EPA 8260A	03/22/96	ND	100
39330	Aldrin			EPA 8270A	03/29/96	ND	10.0
78109	Allyl chloride			EPA 8260A	03/22/96	ND	10.0
N/A	4-Aminobiphenyl			EPA 8270A	03/29/96	ND	10.0
34220	Anthracene			EPA 8270A	03/29/96	ND	5.00
34527	Benzo(a)anthracene			EPA 8270A	03/29/96	ND	5.00
34230	Benzo(b)fluoranthene			EPA 8270A	03/29/96	ND	5.00
34242	Benzo(k)fluoranthene			EPA 8270A	03/29/96	ND	5.00
34522	Benzo(ghi)perylene			EPA 8270A	03/29/96	ND	5.00
34247	Benzo(a)pyrene			EPA 8270A	03/29/96	ND	5.00
77147	Benzyl alcohol			EPA 8270A	03/29/96	ND	25.0
39337	alpha-BHC			EPA 8270A	03/29/96	ND	10.0
39338	beta-BHC			EPA 8270A	03/29/96	ND	10.0
34259	delta-BHC			EPA 8270A	03/29/96	ND	10.0
39340	gamma-BHC			EPA 8270A	03/29/96	ND	10.0
34278	Bis(2-chloroethoxy)methane			EPA 8270A	03/29/96	ND	10.0
34273	Bis(2-chloroethyl)ether			EPA 8270A	03/29/96	ND	10.0
34284	Bis(2-chloroisopropyl)ether			EPA 8270A	03/29/96	ND	10.0
39100	Bis(2-ethylhexyl)phthalate			EPA 8270A	03/29/96	ND	5.00
34636	4-Bromophenyl phenyl ether			EPA 8270A	03/29/96	ND	10.0
51003	Butyl benzyl phthalate			EPA 8270A	03/29/96	ND	10.0
39350	Chlordane			EPA 8080	03/28/96	ND	0.250
60037	p-Chloroaniline			EPA 8270A	03/29/96	ND	10.0
39460	Chlorobenzilate			EPA 8270A	03/29/96	ND	10.0

* Attach Laboratory Reports

PART III - ANALYTICAL RESULTS (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units (µg/l)	Detection Limits/ Units (µg/l)
N/A	4-Chloro-3-methylphenol			EPA 8270A	03/29/96	ND	10.0
34581	2-Chloronaphthalene			EPA 8270A	03/29/96	ND	10.0
34586	2-Chlorophenol			EPA 8270A	03/29/96	ND	10.0
34641	4-Chlorophenyl phenyl ether			EPA 8270A	03/29/96	ND	10.0
34320	Chrysene			EPA 8270A	03/29/96	ND	5.00
N/A	3-Methylphenol			EPA 8270A	03/29/96	ND	10.0
77152	2-Methylphenol			EPA 8270A	03/29/96	ND	10.0
N/A	4-Methylphenol			EPA 8270A	03/29/96	ND	10.0
39730	2,4-D			EPA 615	03/22/96	ND	0.500
39361	4,4'-DDD			EPA 8270A	03/29/96	ND	10.0
39366	4,4'-DDE			EPA 8270A	03/29/96	ND	10.0
39371	4,4'-DDT			EPA 8270A	03/29/96	ND	10.0
N/A	Diallate			EPA 8270A	03/29/96	ND	25.0
51004	Dibenzo(a,h)anthracene			EPA 8270A	03/29/96	ND	5.00
81302	Dibenzofuran			EPA 8270A	03/29/96	ND	10.0
39110	Di-n-butyl phthalate			EPA 8270A	03/29/96	ND	10.0
34631	3,3'-Dichlorobenzidine			EPA 8270A	03/29/96	ND	10.0
34601	2,4-Dichlorophenol			EPA 8270A	03/29/96	ND	10.0
77541	2,6-Dichlorophenol			EPA 8270A	03/29/96	ND	10.0
39380	Dieldrin			EPA 8270A	03/29/96	ND	10.0
34336	Diethyl phthalate			EPA 8270A	03/29/96	ND	10.0
N/A	0,0-Diethyl 0,2-pyrazinyl phosphorothioate			EPA 8270A	03/29/96	ND	10.0
46314	Dimethoate			EPA 8270A	03/29/96	ND	10.0
N/A	p-(Dimethylamino)azobenzene			EPA 8270A	03/29/96	ND	10.0
N/A	7,12-Dimethylbenz(a)anthracene			EPA 8270A	03/29/96	ND	10.0
N/A	3,3'-Dimethylbenzidine			EPA 8270A	03/29/96	ND	10.0
34606	2,4-Dimethylphenol			EPA 8270A	03/29/96	ND	10.0
34341	Dimethyl phthalate			EPA 8270A	03/29/96	ND	10.0
N/A	m-Dinitrobenzene			EPA 8270A	03/29/96	ND	10.0

* Attach Laboratory Reports

PART III - ANALYTICAL RESULTS (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units (µg/l)	Detection Limits/ Units (µg/l)
51008	4,6-Dinitro-o-cresol			EPA 8270A	03/29/96	ND	25.0
34616	2,4-Dinitrophenol			EPA 8270A	03/29/96	ND	25.0
34611	2,4-Dinitrotoluene			EPA 8270A	03/29/96	ND	10.0
34626	2,6-Dinitrotoluene			EPA 8270A	03/29/96	ND	10.0
38779	Dinoseb			EPA 615	03/22/96	ND	0.500
34597	Di-n-octyl phthalate			EPA 8270A	03/29/96	ND	10.0
77579	Diphenylamine			EPA 8270A	03/29/96	ND	10.0
81888	Disulfoton			EPA 8141	03/29/96	ND	10.0
34361	Endosulfan I			EPA 8270A	03/29/96	ND	10.0
34356	Endosulfan II			EPA 8270A	03/29/96	ND	10.0
34351	Endosulfan sulfate			EPA 8270A	03/29/96	ND	10.0
39390	Endrin			EPA 8270A	03/29/96	ND	10.0
34366	Endrin aldehyde			EPA 8270A	03/29/96	ND	10.0
N/A	Ethyl methanesulfonate			EPA 8270A	03/29/96	ND	10.0
38462	Famphur			EPA 8270A	03/29/96	ND	10.0
34376	Fluoranthene			EPA 8270A	03/29/96	ND	5.00
34381	Fluorene			EPA 8270A	03/29/96	ND	5.00
39410	Heptochlor			EPA 8270A	03/29/96	ND	50.0
39420	Heptochlor epoxide			EPA 8270A	03/29/96	ND	10.0
39700	Hexachlorobenzene			EPA 8270A	03/29/96	ND	10.0
34391	Hexachlorobutadiene			EPA 8270A	03/29/96	ND	10.0
34386	Hexachlorocyclopentadiene			EPA 8270A	03/29/96	ND	10.0
34396	Hexachloroethane			EPA 8270A	03/29/96	ND	10.0
N/A	Hexachloropropene			EPA 8270A	03/29/96	ND	10.0
77033	Isobutyl alcohol			EPA 8260A	03/22/96	ND	5.00
39430	Isodrin			EPA 8270A	03/29/96	ND	10.0
34408	Isophorone			EPA 8270A	03/29/96	ND	10.0
N/A	Isosafrole			EPA 8270A	03/29/96	ND	10.0
81593	Methacrylonitrile			EPA 8260A	03/22/96	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	03/29/96	ND	10.0
39480	Methoxychlor			EPA 8270A	03/29/96	ND	10.0
N/A	3-Methylchlolanthrene			EPA 8270A	03/29/96	ND	10.0
81597	Methyl methacrylate			EPA 8260A	03/22/96	ND	10.0
N/A	Methyl methanesulfonate			EPA 8270A	03/29/96	ND	10.0
77416	2-Methylnaphthalene			EPA 8270A	03/29/96	ND	5.00
39600	Methyl parathion			EPA 8270A	03/29/96	ND	10.0
34696	Naphthalene			EPA 8270A	03/29/96	ND	5.00
N/A	1,4-Naphthoquinone			EPA 8270A	03/29/96	ND	10.0
N/A	1-Naphthylamine			EPA 8270A	03/29/96	ND	10.0
N/A	2-Naphthylamine			EPA 8270A	03/29/96	ND	10.0
N/A	2-Nitroaniline			EPA 8270A	03/29/96	ND	10.0
78300	3-Nitroaniline			EPA 8270A	03/29/96	ND	10.0
30342	4-Nitroaniline			EPA 8270A	03/29/96	ND	10.0
34447	Nitrobenzene			EPA 8270A	03/29/96	ND	10.0
34591	2-Nitrophenol			EPA 8270A	03/29/96	ND	10.0
34646	4-Nitrophenol			EPA 8270A	03/29/96	ND	10.0
N/A	n-Nitrosodi-n-butylamine			EPA 8270A	03/29/96	ND	10.0
78200	n-Nitrosodiethylamine			EPA 8270A	03/29/96	ND	10.0
34438	n-Nitrosodimethylamine			EPA 8270A	03/29/96	ND	10.0
34433	n-Nitrosodiphenylamine			EPA 8270A	03/29/96	ND	10.0
34429	n-Nitroso-n-dipropylamine			EPA 8270A	03/29/96	ND	10.0
N/A	n-Nitrosomethylethylamine			EPA 8270A	03/29/96	ND	10.0
N/A	n-Nitrosopiperidine			EPA 8270A	03/29/96	ND	10.0
78206	n-Nitrosopyrrolidine			EPA 8270A	03/29/96	ND	10.0
N/A	5-Nitro-o-toluidine			EPA 8270A	03/29/96	ND	10.0
39540	Parathion			EPA 8141	03/22/96	ND	0.500
77793	Pentachlorobenzene			EPA 8270A	03/29/96	ND	10.0
81316	Pentachloronitrobenzene			EPA 8270A	03/29/96	ND	10.0

* Attach Laboratory Reports

PART III - ANALYTICAL RESULTS (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units (µg/l)	Detection Limits/ Units (µg/l)
39032	Pentachlorophenol			EPA 8270A	03/29/96	ND	10.0
N/A	Phenacetin			EPA 8270A	03/29/96	ND	10.0
34461	Phenanthrene			EPA 8270A	03/29/96	ND	5.00
32730	Phenol			EPA 8270A	03/29/96	ND	10.0
N/A	p-Phenylenediamine			EPA 8270A	03/29/96	ND	10.0
46313	Phorate			EPA 8270A	03/29/96	ND	10.0
39516	PCBs			EPA 8270A	03/29/96	ND	200
39080	Pronamide			EPA 8270A	03/29/96	ND	10.0
77007	Propionitrile			EPA 8260A	03/22/96	ND	10.0
34469	Pyrene			EPA 8270A	03/29/96	ND	5.00
77545	Safrole			EPA 8270A	03/29/96	ND	10.0
39760	Silvex			EPA 615	03/22/96	ND	0.500
81520	Chloroprene			EPA 8260	03/22/96	ND	50.0
00746	Sulfide			EPA 615	03/18/96	0.206	0.10
39740	2,4,5-T			EPA 615	03/22/96	ND	0.5
77734	Tetrachlorobenzene			EPA 8270A	03/29/96	ND	10.0
N/A	Tetrachlorophenol			EPA 8270A	03/29/96	ND	10.0
77142	o-Toluidine			EPA 8270A	03/29/96	ND	10.0
39401	Toxaphene			EPA 8270A	03/29/96	ND	10.0
34551	1,2,4-Trichlorobenzene			EPA 8270A	03/29/96	ND	10.0
77687	2,4,5-Trichlorophenol			EPA 8270A	03/29/96	ND	10.0
34621	2,4,6-Trichlorophenol			EPA 8270A	03/29/96	ND	10.0
N/A	Triethyl phosphorothioate			EPA 8270A	03/29/96	ND	10.0
N/A	1,3,5-Trinitrobenzene			EPA 8270A	03/29/96	ND	10.0
77173	1,3-Dichloropropane			EPA 8260A	03/22/96	ND	5.00
77170	2,2-Dichloropropane			EPA 8260A	03/22/96	ND	5.00
77168	1,1-Dichloropropene			EPA 8260A	03/22/96	ND	5.00
34566	1,3-Dichlorobenzene			EPA 8260A	03/22/96	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)
34403	Indeno(1,2,3-cd)pyrene			EPA 8270A	03/29/96	ND	5.00
N/A	Kepone			EPA 8270A	03/29/96	ND	20.0
81597	Ethyl methacrylate			EPA 8260A	03/22/96	ND	10.0

* Attach Laboratory Reports

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

Date: 03/19/96 Report #: 7030505 Laboratory ID #: 86418

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

Date Collected: 03/12/96
Time Collected: 11:10
SOURCE: CLASS III
TANK - 1
pH=6.27

Date received at lab: 03/13/96 Time received at lab: 11:40
Collected by : C.C.

ENVIRONMENTAL LABORATORY CERTIFICATION NUMBER 86035
LABORATORY PARAMETER ANALYSIS REPORT

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

ALL PARAMETERS WERE SUBCONTRACTED TO TOXICON, SEE ATTACHED

Gary J. Meyer

Gary Meyer, Lab Director

TELEPHONE: 1-800-458-3330 FAX: (216) 449-8585

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

Date: 03/27/96 Report #: 7030646 Laboratory ID #: 86418

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

Date Collected: 03/19/96
Time Collected: 08:15
SOURCE: CLASS III LANDFILL
LEACHATE TANK-1
HAYES ROAD

Date received at lab: 03/21/96 Time received at lab: 10:40
Collected by : C.CHILDRESS

ENVIRONMENTAL LABORATORY CERTIFICATION NUMBER 86035
LABORATORY PARAMETER ANALYSIS REPORT

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

ALL PARAMETERS WERE SUBCONTRACTED TO TOXICON. SEE ATTACHED.

Gary J. Meyer

Gary Meyer, Lab Director

TOXIKON CORP. REPORT Work Order # 96-03-092

Received: 03/13/96 04/19/96 12:31:53

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

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

CERTIFIED BY

CONTACT JOHN

CLIENT NTL SAMPLES 5
COMPANY NATIONAL TESTING LABORATORY
FACILITY 6555 WILSON MILLS ROAD
CLEVELAND,OHIO 44143

WORK ID 7030504-0505
TAKEN 03/12/96
TRANS COURIER
TYPE LIQUID
P.O. #
INVOICE under separate cover

SAMPLE IDENTIFICATION

01	TANK-2 CLASS III/7030504
02	TANK-1 CLASS III/7030505
03	METHOD BLANK
04	MEAN % RECOVERY
05	RPD

TEST CODES and NAMES used on this workorder

504	EDB AND DBCP BY GC
615	CHLORINATED HERBICIDES
8080	PESTICIDES/PCB
8141	ORGANOPHOSPHORUS PESTICIDE
8260A2	PURGEABLE ORGANICS VOA
8270A2	A/BN EXTRACTABLES SOIL
AG	SILVER
AS	ARSENIC
BA	BARIUM
BE	BERYLLIUM
CD	CADMIUM
CN TOT	CYANIDE TOTAL
CO	COBALT
CR	CHROMIUM
CU	COPPER
HG	MERCURY
MEX TW	METALS, TOTAL EXT., WATER
NI	NICKEL
PB	LEAD
SB	ANTIMONY
SE	SELENIUM
S FID	SULFIDE
TL	THALLIUM
V	VANADIUM
ZN	Zinc

TOXIKON CORP. REPORT Work Order # 96-03-153

Received: 03/21/96 04/02/96 09:57:35

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

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

CERTIFIED BY

CONTACT JOHN

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

WORK ID 7030646
TAKEN 03/19/96
TRANS COURIER
TYPE LIQUID
P.O. #
INVOICE under separate cover

SAMPLE IDENTIFICATION

01 TANK-1 LEACHATE CLASS III
02 METHOD BLANK
03 MEAN % RECOVERY-LCS
04 RPD-LCS

TEST CODES and NAMES used on this workorder

8080 PESTICIDES/PCB

SAMPLE ID TANK-1 CLASS III/7030505 SAMPLE # 02 FRACTIONS: A
Date & Time Collected 03/12/96 11:10:00 Category LIQUID

AG ND mg/L DL=0.010	AS ND mg/L DL=0.100	BA ND mg/L DL=0.250	BE ND mg/L DL=0.004	CD ND mg/L DL=0.010	CN_TOT ND mg/L DL=0.010
CO ND mg/L DL=0.010	CR 0.024 mg/L DL=0.010	CU 0.011 mg/L DL=0.010	HG ND mg/L DL=0.0002	NI ND mg/L DL=0.020	PB ND mg/L DL=0.050
SB ND mg/L DL=0.150	SE ND mg/L DL=0.250	S_FID 0.206 mg/L DL=0.10	TL ND mg/L DL=0.300	V ND mg/L DL=0.010	ZN 0.016 mg/L DL=0.010

PAGE 6

NTL #	ANALYTE	DATE	ANALYST
7030475	AG	03/15/96	BED
	AS	03/15/96	BED
	BA	03/15/96	BED
	BE	03/15/96	BED
	CD	03/15/96	BED
	CN_TOT	03/11/96	EF
	CO	03/15/96	BED
	CR	03/15/96	BED
	CU	03/15/96	BED
	HG	03/15/96	CW
	NI	03/15/96	BED
	PB	03/15/96	BED
	SB	03/15/96	BED
	SE	03/15/96	BED
	S_FID	03/08/96	EF
	SN	03/15/96	BED
	TL	03/15/96	BED
	V	03/15/96	BED
	ZN	03/15/96	BED
7030504, 7030505	AG	03/25/96	BED
	AS	03/25/96	BED
	BA	03/25/96	BED
	BE	03/25/96	BED
	CD	03/25/96	BED
	CN_TOT	03/18/96	EF
	CO	03/25/96	BED
	CR	03/25/96	BED
	CU	03/25/96	BED
	HG	03/15/96	CW
	NI	03/25/96	BED
	PB	03/25/96	BED
	SB	03/25/96	BED
	SE	03/25/96	BED
	S_FID	03/18/96	MO
	SN	03/25/96	BED
	TL	03/25/96	BED
	V	03/25/96	BED
	ZN	03/25/96	BED

TOXIKON

HRS# E86278-ENVIRONMENTAL
86396-DRINKING WATER

NATIONAL TESTING LABORATORY
6555 Wilson Mills Road
Cleveland, Ohio 44143

REPORT DATE: 05/02/96
WORK ORDER# 96-03-092

Attn: Ms. S. Henderson

CERTIFIED BY:

PROJECT ID: 7030504

SAMPLE ID:TANK-2 CLASS III/7030504

Parameter	Method	Result	Units	Detection Limit	Date Analyzed	Analyst
Tin	EPA 200.7	<0.3	mg/L	0.3	03/25/96	BED

PROJECT ID: 7030505

SAMPLE ID:TANK-1 CLASS III/~~7030504~~

Parameter	Method	Result	Units	Detection Limit	Date Analyzed	Analyst
Tin	EPA 200.7	<0.3	mg/L	0.3	03/25/96	BED

QC

Method Blank: <0.3 mg/L

Mean % Recovery: 85.6%

SAMPLE ID TANK-1 CLASS III/7030505 FRACTION 02A TEST CODE 504 NAME EDB AND DBCP BY GC
Date & Time Collected 03/12/96 11:10:00 Category LIQUID

EPA METHOD 504

PARAMETER	RESULT	DETECT LIMIT	CAS NUMBER
ETHYLENE DIBROMIDE (EDB)	ND	0.0200	106-93-4
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	ND	0.0200	96-12-8

NOTES AND DEFINITIONS FOR THIS REPORT
DATE RUN..... 03/16/96
INSTRUMENT..... HP-2
UNITS..... ug/L
ND = NOT DETECTED AT DETECTION LIMITS

SAMPLE ID TANK-1 CLASS III/7030505 FRACTION 02A TEST CODE 615 NAME CHLORINATED HERBICIDES
Date & Time Collected 03/12/96 11:10:00 Category LIQUID

EPA METHOD 615 - CHLORINATED HERBICIDES

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

Notes and Definitions for this Report:

EXTRACTED: 03/15/96
DATE RUN: 03/22/96
ANALYST: IL
INSTRUMENT: HP-2
DIL. FACTOR: 5

ND = not detected at detection limit

SAMPLE ID TANK-1 LEACHATE CLASS III FRACTION 01A TEST CODE 8080 NAME PESTICIDES/PCB
Date & Time Collected 03/19/96 08:15:00 Category LIQUID

EPA 8080 - ORGANOCHLORINE PESTICIDES & PCB's

	RESULT	DETEC. LIMIT		RESULT	DETEC. 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	0.250			
Toxaphene	ND	0.500			
Methoxychlor	ND	0.010			

Notes and Definitions for this Report:

EXTRACTED: 03/22/96
DATE RUN: 03/28/96
ANALYST: JRY
INSTRUMENT: HP-2
DIL. FACTOR: 1
UNITS: ug/L

ND = not detected at detection limit

SAMPLE ID TANK-1 CLASS III/7030505 FRACTION 02A TEST CODE 8141 NAME ORGANOPHOSPHORUS PESTICIDE
Date & Time Collected 03/12/96 11:10:00 Category LIQUID

EPA 8141 - ORGANOPHOSPHORUS PESTICIDES

		DETECTION
Azinphos methyl	ND	1.00T
Bolstar	ND	1.00
Chlorpyrifos	ND	2.50
Coumaphos	ND	1.00
Demeton-o	ND	1.00
Demeton-s	ND	1.00
Diazinon	ND	2.50
Dichlorovos	ND	1.00
Dimethoate	ND	1.00
Disulfoton	ND	1.00
EPN	ND	1.00
Ethoprop	ND	2.50
Fensulfothion	ND	1.00
Fenthion	ND	1.00
Malathion	ND	1.00
Merphos	ND	1.00
Mevinphos	ND	1.00
Naled	ND	1.00
Parathion	ND	0.500
Methyl parathion	ND	0.500
Phorate	ND	1.00
Ronnel	ND	1.00
Sulfotep	ND	1.00
Tetrachlorvinphos	ND	1.00
TEPP	50	1.00
Tokuthion	ND	1.00
Trichloronate	ND	1.00

Surrogates	% Recovery	Surrogate Limits
1,3-DMNB	49	40 - 120

Notes and Definitions for this Report:

EXTRACTED: 03/19/96
DATE RUN: 03/22/96
ANALYST: HB
INSTRUMENT: GC
DIL. FACTOR: 1
UNITS: ug/L

ND = not detected at detection limit

SAMPLE ID TANK-1 CLASS III/7030505 FRACTION 02A TEST CODE 8260A2 NAME PURGEABLE ORGANICS VOA
Date & Time Collected 03/12/96 11:10:00 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	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-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	105.3	86 - 118
Toluene-d8	100.4	88 - 110
Bromofluorobenzene	111.7	86 - 115

Notes and Definitions for this Report:

DATE RUN: 03/22/96
ANALYST: C
INSTRUMENT: HP-G
DIL. FACTOR: 1
COMMENTS:
UNITS: ug/L

ND = not detected at detection limit

SAMPLE ID TANK-1 CLASS III/7030505 FRACTION 02A TEST CODE 8270A2 NAME A/BN EXTRACTABLES SOIL
Date & Time Collected 03/12/96 11:10:00 Category LIQUID

EPA METHOD 8270A

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

CONTINUED ON FOLLOWING PAGE

SAMPLE ID TANK-1 CLASS III/7030505 FRACTION 02A TEST CODE 8270A2 NAME A/BN EXTRACTABLES SOIL
Date & Time Collected 03/12/96 11:10:00 Category LIQUID

EPA METHOD 8270A

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

Surrogates	% Recovery	Surrogate Limits
2-Fluorophenol	68	21 - 110
Phenol-d5	72	10 - 110
2-Chlorphenol-d4	68	33 - 110
1,2-Dichlorobenzene-d4	57	16 - 110
Nitrobenzene-d5	77	35 - 114
2-Fluorobiphenyl	85	43 - 116
2,4,6-Tribromphenol	75	10 - 123
Terphenyl-d14	22 Q	33 - 141

Notes and Definitions for this Report:

UNITS: ug/L
EXTRACTED: 03/16/96
DATE RUN: 03/29/96
ANALYST: HB
INSTRUMENT: GC/MS
DIL. FACTOR: 1

ND = not detected at detection limit

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PART III ANALYTICAL RESULTS

Facility GMS #: 4051M30035 Sampling Date/Time: 03/12/96 @ 1200

Test Site ID #: NA Report Period: 1996 / 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): _____

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	03/13/96 1600	<0.15 mg/L	0.15 mg/L
000940	Chloride	"	"	SM 4500Cl-B	03/15/96 1000	17.7 mg/L	0.15 mg/L
000400	pH-Field	"	"	EPA 150.1	03/12/96 1200	6.70 Std. Units	0.01 Std. Units
070300	Total Dis. Solids	"	"	SM 2540C	03/15/96 1500	390 mg/L	1 mg/L
000344	Dissolved Oxygen	"	"	SM 4500 O G	03/12/96 1200	3.7 mg/L	0.01 mg/L
000410	Bicarbonate	"	"	EPA 310.1	03/13/96 1400	173 mg/L	1 mg/L
000095	Specific Cond. (Field)	"	"	SM 2510B	03/12/96 1200	364 µmhos/cm	0.00 µmhos/cm
000010	Temperature (Field)	"	"	SM 2550B	03/12/96 1200	17.8 °C	0 °C
000610	Ammonia	"	"	EPA 350.1	03/14/96 1500	2.32 mg/L	0.07 mg/L
900216	Color	"	"	EPA 110.2	03/13/96 1400	250 PCU	0.0 PCU
001045	Iron	"	"	EPA 236.1	03/15/96 1200	0.64 mg/L	0.001 mg/L
000929	Sodium	"	"	EPA 273.1	03/15/96 0900	8.08 mg/L	0.01 mg/L
071900	Mercury	"	"	EPA 245.1	03/15/96 1500	0.0008 mg/L	0.0005 mg/L
000612	NH_4-N	"	"	DEP SOP 10/03/83	03/15/96 1100	<0.02 mg/L	0.02 mg/L

*Attach Laboratory Reports

r032703:mo(3)

PART III - ANALYTICAL RESULTS

Facility GMS #: _____ Sampling Date/Time: 03/18/96 12:00

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

WELL NAME: CLAS III 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)			EPA 170.1		degree,C	degree,C
00400	pH (field)			EPA 150.1		Std.Units	Std.Units
	Water Level Elev.			NA		Ft. NGVD	Ft. NGVD
00094	Specific Cond. (field)			EPA 120.1		µmhos/cm	µmhos/cm
01095	Antimony			EPA 204.2	03/25/96	ND	0.150
01000	Arsenic			EPA 206.2	03/25/96	ND	0.100
01005	Barium			EPA 208.2	03/25/96	ND	0.250
01010	Beryllium			EPA210.2	03/25/96	ND	0.004
01025	Cadmium			EPA 213.2	03/25/96	ND	0.010
01030	Chromium			EPA 218.2	03/25/96	ND	0.010
01035	Cobalt			EPA 219.2	03/25/96	ND	0.010
01040	Copper			EPA 220.1	03/25/96	ND	0.010
01049	Lead			EPA 239.2	03/25/96	ND	0.050
01065	Nickel			EPA 249.1	03/25/96	ND	0.020
01145	Selenium			EPA 270.2	03/25/96	ND	0.250
01075	Silver			EPA 272.2	03/25/96	ND	0.010
01057	Thallium			EPA 279.2	03/25/96	ND	0.300
01085	Vanadium			EPA 286.2	03/25/96	ND	0.010
71890	Mercury			EPA 245.1	03/15/96	ND	0.0002
01100	Tin			EPA 200.7	03/25/96	ND	0.300
01090	Zinc			EPA 289.1	03/25/96	0.050	0.010
00723	Cyanide			EPA 335.2	03/18/96	ND	0.010

* Attach Laboratory Reports

PART III - ANALYTICAL RESULTS (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units (µg/l)	Detection Limits/ Units (µg/l)
81552	Acetone			EPA 8260A	03/22/96	ND	50.0
34215	Acrylonitrile			EPA 8260A	03/22/96	ND	10.0
34235	Benzene			EPA 8260A	03/22/96	ND	5.00
N/A	Bromochloromethane			EPA 8260A	03/22/96	ND	5.00
32101	Bromodichloromethane			EPA 8260A	03/22/96	ND	5.00
32104	Bromoform			EPA 8260A	03/22/96	ND	5.00
77041	Carbon disulfide			EPA 8260A	03/22/96	ND	5.00
32102	Carbon tetrachloride			EPA 8260A	03/22/96	ND	10.0
34301	Chlorobenzene			EPA 8260A	03/22/96	ND	5.00
34311	Chloroethane			EPA 8260A	03/22/96	ND	10.0
32106	Chloroform			EPA 8260A	03/22/96	ND	5.00
32105	Dibromochloromethane			EPA 8260A	03/22/96	ND	5.00
38761	1,2-Dibromo-3-chloropropane			EPA 504	03/16/96	ND	0.0200
77651	1,2-Dibromoethane			EPA 8260A	03/22/96	ND	5.00
34537	o-Dichlorobenzene			EPA 8260A	03/22/96	ND	5.00
34571	p-Dichlorobenzene			EPA 8260A	03/22/96	ND	5.00
49263	trans-1,4-Dichloro-2-butene			EPA 8260A	03/22/96	ND	50.0
34496	1,1-Dichloroethane			EPA 8260A	03/22/96	ND	5.00
32103	1,2-Dichloroethane			EPA 8260A	03/22/96	ND	5.00
34502	1,1-Dichloroethene			EPA 8260A	03/22/96	ND	5.00
81686	cis-1,2-Dichloroethene			EPA 8260A	03/22/96	ND	5.00
34546	trans-1,2-Dichloroethene			EPA 8260A	03/22/96	ND	5.00
34541	1,2-Dichloropropane			EPA 8260A	03/22/96	ND	5.00
34704	cis-1,3-Dichloropropene			EPA 8260A	03/22/96	ND	5.00
34699	trans-1,3-Dichloropropene			EPA 8260A	03/22/96	ND	5.00
78113	Ethylbenzene			EPA 8260A	03/22/96	ND	5.00
77103	2-Hexanone			EPA 8260A	03/22/96	ND	10.0
34413	Methyl bromide			EPA 8260A	03/22/96	ND	5.00

* Attach Laboratory Reports

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units (µg/l)	Detection Limits/ Units (µg/l)
34418	Methyl chloride			EPA 8260A	03/22/96	ND	5.00
77596	Methylene bromide			EPA 8260A	03/22/96	ND	10.0
34423	Methylene chloride			EPA 8260A	03/22/96	ND	10.0
81595	Methyl ethyl ketone			EPA 8260A	03/22/96	ND	10.0
49262	Methyl iodide			EPA 8260A	03/22/96	ND	10.0
78133	4-Methyl-2-pentanone			EPA 8260A	03/22/96	ND	10.0
77128	Styrene			EPA 8260A	03/22/96	ND	5.00
77562	1,1,1,2-Tetrachloroethane			EPA 8260A	03/22/96	ND	5.00
34516	1,1,2,2-Tetrachloroethane			EPA 8260A	03/22/96	ND	5.00
34476	Tetrachloroethene			EPA 8260A	03/22/96	ND	5.00
78131	Toluene			EPA 8260A	03/22/96	ND	5.00
34506	1,1,1-Trichloroethane			EPA 8260A	03/22/96	ND	5.00
34511	1,1,2-Trichloroethane			EPA 8260A	03/22/96	ND	5.00
34485	Trichloroethene			EPA 8260A	03/22/96	ND	5.00
34488	Trichlorofluoromethane			EPA 8260A	03/22/96	ND	5.00
77443	1,2,3-Trichloropropane			EPA 8260A	03/22/96	ND	5.00
77057	Vinyl acetate			EPA 8260A	03/22/96	ND	5.00
39175	Vinyl chloride			EPA 8260A	03/22/96	ND	5.00
81551	Xylenes			EPA 8260A	03/22/96	ND	5.00

* Attach Laboratory Reports

PART III - ANALYTICAL RESULTS (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units (µg/l)	Detection Limits/ Units (µg/l)
34205	Acenaphthene			EPA 8270A	03/29/96	ND	5.00
34200	Acenaphthylene			EPA 8270A	03/29/96	ND	5.00
N/A	Acetonitrile			EPA 8260A	03/22/96	ND	5.00
81553	Acetophenone			EPA 8270A	03/29/96	ND	10.0
N/A	2-Acetylaminofluorene			EPA 8270A	03/29/96	ND	10.0
34210	Acrolein			EPA 8260A	03/22/96	ND	100
39330	Aldrin			EPA 8270A	03/29/96	ND	10.0
78109	Allyl chloride			EPA 8260A	03/22/96	ND	10.0
N/A	4-Aminobiphenyl			EPA 8270A	03/29/96	ND	10.0
34220	Anthracene			EPA 8270A	03/29/96	ND	5.00
34527	Benzo(a)anthracene			EPA 8270A	03/29/96	ND	5.00
34230	Benzo(b)fluoranthene			EPA 8270A	03/29/96	ND	5.00
34242	Benzo(k)fluoranthene			EPA 8270A	03/29/96	ND	5.00
34522	Benzo(ghi)perylene			EPA 8270A	03/29/96	ND	5.00
34247	Benzo(a)pyrene			EPA 8270A	03/29/96	ND	5.00
77147	Benzyl alcohol			EPA 8270A	03/29/96	ND	25.0
39337	alpha-BHC			EPA 8270A	03/29/96	ND	10.0
39338	beta-BHC			EPA 8270A	03/29/96	ND	10.0
34259	delta-BHC			EPA 8270A	03/29/96	ND	10.0
39340	gamma-BHC			EPA 8270A	03/29/96	ND	10.0
34278	Bis(2-chloroethoxy)methane			EPA 8270A	03/29/96	ND	10.0
34273	Bis(2-chloroethyl)ether			EPA 8270A	03/29/96	ND	10.0
34284	Bis(2-chloroisopropyl)ether			EPA 8270A	03/29/96	ND	10.0
39100	Bis(2-ethylhexyl)phthalate			EPA 8270A	03/29/96	ND	5.00
34636	4-Bromophenyl phenyl ether			EPA 8270A	03/29/96	ND	10.0
51003	Butyl benzyl phthalate			EPA 8270A	03/29/96	ND	10.0
39350	Chlordane			EPA 8080	03/22/96	ND	0.5
60037	p-Chloroaniline			EPA 8270A	03/29/96	ND	10.0
39460	Chlorobenzilate			EPA 8270A	03/29/96	ND	10.0

* Attach Laboratory Reports

PART III - ANALYTICAL RESULTS (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units (µg/l)	Detection Limits/ Units (µg/l)
N/A	4-Chloro-3-methylphenol			EPA 8270A	03/29/96	ND	10.0
34581	2-Chloronaphthalene			EPA 8270A	03/29/96	ND	10.0
34586	2-Chlorophenol			EPA 8270A	03/29/96	ND	10.0
34641	4-Chlorophenyl phenyl ether			EPA 8270A	03/29/96	ND	10.0
34320	Chrysene			EPA 8270A	03/29/96	ND	5.00
N/A	3-Methylphenol			EPA 8270A	03/29/96	ND	10.0
77152	2-Methylphenol			EPA 8270A	03/29/96	ND	10.0
N/A	4-Methylphenol			EPA 8270A	03/29/96	ND	10.0
39730	2,4-D			EPA 615	03/22/96	ND	0.500
39361	4,4'-DDD			EPA 8270A	03/29/96	ND	10.0
39366	4,4'-DDE			EPA 8270A	03/29/96	ND	10.0
39371	4,4'-DDT			EPA 8270A	03/29/96	ND	10.0
N/A	Diallate			EPA 8270A	03/29/96	ND	25.00
51004	Dibenzo(a,h)anthracene			EPA 8270A	03/29/96	ND	5.00
81302	Dibenzofuran			EPA 8270A	03/29/96	ND	10.0
39110	Di-n-butyl phthalate			EPA 8270A	03/29/96	ND	10.0
34631	3,3'-Dichlorobenzidine			EPA 8270A	03/29/96	ND	10.0
34601	2,4-Dichlorophenol			EPA 8270A	03/29/96	ND	10.0
77541	2,6-Dichlorophenol			EPA 8270A	03/29/96	ND	10.0
39380	Dieldrin			EPA 8270A	03/29/96	ND	10.0
34336	Diethyl phthalate			EPA 8270A	03/29/96	ND	10.0
N/A	0,0-Diethyl 0,2-pyrazinyl phosphorothioate			EPA 8270A	03/29/96	ND	10.0
46314	Dimethoate			EPA 8270A	03/29/96	ND	10.0
N/A	p-(Dimethylamino)azobenzene			EPA 8270A	03/29/96	ND	10.0
N/A	7,12-Dimethylbenz(a)anthracene			EPA 8270A	03/29/96	ND	10.0
N/A	3,3'-Dimethylbenzidine			EPA 8270A	03/29/96	ND	10.0
34606	2,4-Dimethylphenol			EPA 8270A	03/29/96	ND	10.0
34341	Dimethyl phthalate			EPA 8270A	03/29/96	ND	10.0
N/A	m-Dinitrobenzene			EPA 8270A	03/29/96	ND	10.0

* Attach Laboratory Reports

PART III - ANALYTICAL RESULTS (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units (µg/l)	Detection Limits/ Units (µg/l)
51008	4,6-Dinitro-o-cresol			EPA 8270A	03/29/96	ND	25.0
34616	2,4-Dinitrophenol			EPA 8270A	03/29/96	ND	25.0
34611	2,4-Dinitrotoluene			EPA 8270A	03/29/96	ND	10.0
34626	2,6-Dinitrotoluene			EPA 8270A	03/29/96	ND	10.00
38779	Dinoseb			EPA 615	03/22/96	ND	0.500
34597	Di-n-octyl phthalate			EPA 8270A	03/29/96	ND	10.0
77579	Diphenylamine			EPA 8270A	03/29/96	ND	10.0
81888	Disulfoton			EPA 8141	03/22/96	ND	1.00
34361	Endosulfan I			EPA 8270A	03/29/96	ND	10.0
34356	Endosulfan II			EPA 8270A	03/29/96	ND	10.0
34351	Endosulfan sulfate			EPA 8270A	03/29/96	ND	10.0
39390	Endrin			EPA 8270A	03/29/96	ND	10.0
34366	Endrin aldehyde			EPA 8270A	03/29/96	ND	10.0
N/A	Ethyl methanesulfonate			EPA 8270A	03/29/96	ND	10.0
38462	Famphur			EPA 8270A	03/29/96	ND	10.0
34376	Fluoranthene			EPA 8270A	03/29/96	ND	5.00
34381	Fluorene			EPA 8270A	03/29/96	ND	5.00
39410	Heptochlor			EPA 8270A	03/29/96	ND	50.00
39420	Heptochlor epoxide			EPA 8270A	03/29/96	ND	10.0
39700	Hexachlorobenzene			EPA 8270A	03/29/96	ND	10.0
34391	Hexachlorobutadiene			EPA 8270A	03/29/96	ND	10.0
34386	Hexachlorocyclopentadiene			EPA 8270A	03/29/96	ND	10.0
34396	Hexachloroethane			EPA 8270A	03/29/96	ND	10.0
N/A	Hexachloropropene			EPA 8270A	03/29/96	ND	10.0
77033	Isobutyl alcohol			EPA 8260A	03/22/96	ND	5.00
39430	Isodrin			EPA 8270A	03/29/96	ND	10.0
34408	Isophorone			EPA 8270A	03/29/96	ND	10.0
N/A	Isosafrole			EPA 8270A	03/29/96	ND	10.0
81593	Methacrylonitrile			EPA 8260A	03/22/96	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	03/29/96	ND	10.0
39480	Methoxychlor			EPA 8270A	03/29/96	ND	10.0
N/A	3-Methylchlolanthrene			EPA 8270A	03/29/96	ND	10.0
81597	Methyl methacrylate			EPA 8260A	03/22/96	ND	10.0
N/A	Methyl methanesulfonate			EPA 8270A	03/29/96	ND	10.0
77416	2-Methylnaphthalene			EPA 8270A	03/29/96	ND	5.00
39600	Methyl parathion			EPA 8270A	03/29/96	ND	10.0
34696	Naphthalene			EPA 8270A	03/29/96	ND	5.00
N/A	1,4-Naphthoquinone			EPA 8270A	03/29/96	ND	10.0
N/A	1-Naphthylamine			EPA 8270A	03/29/96	ND	10.0
N/A	2-Naphthylamine			EPA 8270A	03/29/96	ND	10.0
N/A	2-Nitroaniline			EPA 8270A	03/29/96	ND	10.0
78300	3-Nitroaniline			EPA 8270A	03/29/96	ND	10.0
30342	4-Nitroaniline			EPA 8270A	03/29/96	ND	10.0
34447	Nitrobenzene			EPA 8270A	03/29/96	ND	10.0
34591	2-Nitrophenol			EPA 8270A	03/29/96	ND	10.0
34646	4-Nitrophenol			EPA 8270A	03/29/96	ND	10.0
N/A	n-Nitrosodi-n-butylamine			EPA 8270A	03/29/96	ND	10.0
78200	n-Nitrosodiethylamine			EPA 8270A	03/29/96	ND	10.0
34438	n-Nitrosodimethylamine			EPA 8270A	03/29/96	ND	10.0
34433	n-Nitrosodiphenylamine			EPA 8270A	03/29/96	ND	10.0
34429	n-Nitroso-n-dipropylamine			EPA 8270A	03/29/96	ND	10.0
N/A	n-Nitrosomethylethalamine			EPA 8270A	03/29/96	ND	10.0
N/A	n-Nitrosopiperidine			EPA 8270A	03/29/96	ND	10.0
78206	n-Nitrosopyrrolidine			EPA 8270A	03/29/96	ND	10.0
N/A	5-Nitro-o-toluidine			EPA 8270A	03/29/96	ND	10.0
39540	Parathion			EPA 8141	03/22/96	ND	0.500
77793	Pentachlorobenzene			EPA 8270A	03/29/96	ND	10.0
81316	Pentachloronitrobenzene			EPA 8270A	03/29/96	ND	10.0

* Attach Laboratory Reports

PART III - ANALYTICAL RESULTS (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units (µg/l)	Detection Limits/ Units (µg/l)
39032	Pentachlorophenol			EPA 8270A	03/29/96	ND	10.0
N/A	Phenacetin			EPA 8270A	03/29/96	ND	10.0
34461	Phenanthrene			EPA 8270A	03/29/96	ND	5.00
32730	Phenol			EPA 8270A	03/29/96	ND	10.0
N/A	p-Phenylenediamine			EPA 8270A	03/29/96	ND	10.0
46313	Phorate			EPA 8270A	03/29/96	ND	10.0
39516	PCBs			EPA 8270A	03/29/96	ND	200
39080	Pronamide			EPA 8270A	03/29/96	ND	10.0
77007	Propionitrile			EPA 8260A	03/22/96	ND	10.0
34469	Pyrene			EPA 8270A	03/29/96	ND	5.00
77545	Safrole			EPA 8270A	03/29/96	ND	10.0
39760	Silvex			EPA 615	03/22/96	ND	0.500
81520	Chloroprene			EPA 8260A	03/22/96	ND	50.0
00746	Sulfide			EPA 376.1	03/18/96	ND	0.10
39740	2,4,5-T			EPA 615	03/22/96	ND	0.500
77734	Tetrachlorobenzene			EPA 8270A	03/29/96	ND	10.0
N/A	Tetrachlorophenol			EPA 8270A	03/29/96	ND	10.0
77142	o-Toluidine			EPA 8270A	03/29/96	ND	10.0
39401	Toxaphene			EPA 8270A	03/29/96	ND	10.0
34551	1,2,4-Trichlorobenzene			EPA 8270A	03/29/96	ND	10.0
77687	2,4,5-Trichlorophenol			EPA 8270A	03/29/96	ND	10.0
34621	2,4,6-Trichlorophenol			EPA 8270A	03/29/96	ND	10.0
N/A	Triethyl phosphorothioate			EPA 8270A	03/29/96	ND	10.0
N/A	1,3,5-Trinitrobenzene			EPA 8270A	03/29/96	ND	10.0
77173	1,3-Dichloropropane			EPA 8260A	03/22/96	ND	5.00
77170	2,2-Dichloropropane			EPA 8260A	03/22/96	ND	5.00
77168	1,1-Dichloropropene			EPA 8260A	03/22/96	ND	5.00
34566	1,3-Dichlorobenzene			EPA 8260A	03/22/96	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)
34403	Indeno(1,2,3-cd)pyrene			EPA 8270A	03/29/96	ND	5.00
N/A	Kepone			EPA 8270A	03/29/96	ND	20.0
81597	Ethyl methacrylate			EPA 8260A	03/22/96	ND	10.0

* Attach Laboratory Reports

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

Date: 03/19/96 Report #: 7030504 Laboratory ID #: 86418

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

Date Collected: 03/12/96
Time Collected: 12:00
SOURCE: CLASS III
TANK -2
pH=6.70

Date received at lab: 03/13/96 Time received at lab: 11:40
Collected by : C.C.

ENVIRONMENTAL LABORATORY CERTIFICATION NUMBER 86035
LABORATORY PARAMETER ANALYSIS REPORT

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

ALL PARAMETERS WERE SUBCONTRACTED TO TOXICON,SEE ATTACHED

Gary J. Meyer

Gary Meyer, Lab Director

TELEPHONE: 1-800-458-3330 FAX: (216) 449-8585

Received: 03/13/96 04/19/96 12:31:53

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

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

CERTIFIED BY
CONTACT JOHN

CLIENT NTL SAMPLES 5
COMPANY NATIONAL TESTING LABORATORY
FACILITY 6555 WILSON MILLS ROAD
CLEVELAND,OHIO 44143

WORK ID 7030504-0505
TAKEN 03/12/96
TRANS COURIER
TYPE LIQUID
P.O. #
INVOICE under separate cover

SAMPLE IDENTIFICATION

01	TANK-2 CLASS III/7030504
02	TANK-1 CLASS III/7030505
03	METHOD BLANK
04	MEAN % RECOVERY
05	RPD

TEST CODES and NAMES used on this workorder

504	EDB AND DBCP BY GC
615	CHLORINATED HERBICIDES
8080	PESTICIDES/PCB
8141	ORGANOPHOSPHORUS PESTICIDE
8260A2	PURGEABLE ORGANICS VOA
8270A2	A/BN EXTRACTABLES SOIL
AG	SILVER
AS	ARSENIC
BA	BARIUM
BE	BERYLLIUM
CD	CADMIUM
CN TOT	CYANIDE TOTAL
CO	COBALT
CR	CHROMIUM
CU	COPPER
HG	MERCURY
MEX TW	METALS, TOTAL EXT., WATER
NI	NICKEL
PB	LEAD
SB	ANTIMONY
SE	SELENIUM
S FID	SULFIDE
TL	THALLIUM
V	VANADIUM
ZN	Zinc

Received: 03/13/96 Results by Sample

SAMPLE ID TANK-2 CLASS III/7030504 SAMPLE # 01 FRACTIONS: A
Date & Time Collected 03/12/96 12:00:00 Category LIQUID

AG ND mg/L DL=0.010	AS ND mg/L DL=0.100	BA ND mg/L DL=0.250	BE ND mg/L DL=0.004	CD ND mg/L DL=0.010	CN_TOT ND mg/L DL=0.010
CO ND mg/L DL=0.010	CR ND mg/L DL=0.010	CU ND mg/L DL=0.010	HG ND mg/L DL=0.0002	NI ND mg/L DL=0.020	PB ND mg/L DL=0.050
SB ND mg/L DL=0.150	SE ND mg/L DL=0.250	S_FID ND mg/L DL=0.10	TL ND mg/L DL=0.300	V ND mg/L DL=0.010	ZN 0.050 mg/L DL=0.010

NTL #	ANALYTE	DATE	ANALYST
7030475	AG	03/15/96	BED
	AS	03/15/96	BED
	BA	03/15/96	BED
	BE	03/15/96	BED
	CD	03/15/96	BED
	CN_TOT	03/11/96	EF
	CO	03/15/96	BED
	CR	03/15/96	BED
	CU	03/15/96	BED
	HG	03/15/96	CW
	NI	03/15/96	BED
	PB	03/15/96	BED
	SB	03/15/96	BED
	SE	03/15/96	BED
	S_FID	03/08/96	EF
	SN	03/15/96	BED
	TL	03/15/96	BED
	V	03/15/96	BED
	ZN	03/15/96	BED
7030504, 7030505	AG	03/25/96	BED
	AS	03/25/96	BED
	BA	03/25/96	BED
	BE	03/25/96	BED
	CD	03/25/96	BED
	CN_TOT	03/18/96	EF
	CO	03/25/96	BED
	CR	03/25/96	BED
	CU	03/25/96	BED
	HG	03/15/96	CW
	NI	03/25/96	BED
	PB	03/25/96	BED
	SB	03/25/96	BED
	SE	03/25/96	BED
	S_FID	03/18/96	MO
	SN	03/25/96	BED
	TL	03/25/96	BED
	V	03/25/96	BED
	ZN	03/25/96	BED

TOXIKON

HRS# E86278-ENVIRONMENTAL
86396-DRINKING WATER

NATIONAL TESTING LABORATORY
6555 Wilson Mills Road
Cleveland, Ohio 44143

REPORT DATE: 05/02/96
WORK ORDER# 96-03-092

Attn: Ms. S. Henderson

CERTIFIED BY:

PROJECT ID: 7030504

SAMPLE ID:TANK-2 CLASS III/7030504

Parameter	Method	Result	Units	Detection Limit	Date Analyzed	Analyst
Tin	EPA 200.7	<0.3	mg/L	0.3	03/25/96	BED

PROJECT ID: 7030505

SAMPLE ID:TANK-1 CLASS III/7030504

Parameter	Method	Result	Units	Detection Limit	Date Analyzed	Analyst
Tin	EPA 200.7	<0.3	mg/L	0.3	03/25/96	BED

QC

Method Blank: <0.3 mg/L

Mean % Recovery: 85.6%

Received: 03/13/96 Results by Sample

SAMPLE ID TANK-2 CLASS III/7030504 FRACTION 01A TEST CODE 504 NAME EDB AND DBCP BY GC
Date & Time Collected 03/12/96 12:00:00 Category LIQUID

EPA METHOD 504

PARAMETER	RESULT	DETECT LIMIT	CAS NUMBER
ETHYLENE DIBROMIDE (EDB)	ND	0.0200	106-93-4
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	ND	0.0200	96-12-8

NOTES AND DEFINITIONS FOR THIS REPORT
DATE RUN..... 03/16/96
INSTRUMENT..... HP-2
UNITS..... ug/L
ND = NOT DETECTED AT DETECTION LIMITS

SAMPLE ID TANK-2 CLASS III/7030504 FRACTION 01A TEST CODE 615 NAME CHLORINATED HERBICIDES
Date & Time Collected 03/12/96 12:00:00 Category LIQUID

EPA METHOD 615 - CHLORINATED HERBICIDES

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

Notes and Definitions for this Report:

EXTRACTED: 03/15/96
DATE RUN: 03/22/96
ANALYST: IL
INSTRUMENT: HP-2
DIL. FACTOR: 1

ND = not detected at detection limit

SAMPLE ID TANK-2 CLASS III/7030504 FRACTION 01A TEST CODE 8080 NAME PESTICIDES/PCB
Date & Time Collected 03/12/96 12:00:00 Category LIQUID

EPA 8080 - ORGANOCHLORINE PESTICIDES & PCB's

	RESULT	DETEC. LIMIT		RESULT	DETEC. LIMIT
Alpha-BHC	ND	0.5	Aroclor 1016	ND	0.5
Gamma-BHC (Lindane)	ND	0.5	Aroclor 1221	ND	0.5
Beta-BHC	ND	0.5	Aroclor 1232	ND	0.5
Heptachlor	ND	0.5	Aroclor 1242	ND	0.5
Delta-BHC	ND	0.5	Aroclor 1248	ND	0.5
Aldrin	ND	0.5	Aroclor 1254	ND	0.5
Heptachlor Epoxide	ND	0.5	Aroclor 1260	ND	0.5
Endosulfan I	ND	0.5			
4,4'-DDE	ND	0.5			
Dieldrin	ND	0.5			
Endrin	ND	0.5			
4,4'-DDD	ND	0.5			
Endosulfan II	ND	0.5			
4,4'-DDT	ND	0.5			
Endrin Aldehyde	ND	0.5			
Endosulfan Sulfate	ND	0.5			
Chlordane	ND	0.5			
Toxaphene	ND	10			
Methoxychlor	ND	2			

Notes and Definitions for this Report:

EXTRACTED: 03/19/96
DATE RUN: 03/22/96
ANALYST: HB
INSTRUMENT: GC
DIL. FACTOR: *1
UNITS: ug/L

ND = not detected at detection limit

SAMPLE ID TANK-2 CLASS III/7030504 FRACTION 01A TEST CODE 8141 NAME ORGANOPHOSPHORUS PESTICIDE
Date & Time Collected 03/12/96 12:00:00 Category LIQUID

EPA 8141 - ORGANOPHOSPHORUS PESTICIDES

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

Surrogates	% Recovery	Surrogate Limits
1,3-DMNB	70	40 - 120

Notes and Definitions for this Report:

EXTRACTED: 03/19/96
DATE RUN: 03/22/96
ANALYST: HB
INSTRUMENT: GC
DIL. FACTOR: 1
UNITS: ug/L

ND = not detected at detection limit

SAMPLE ID TANK-2 CLASS III/7030504 FRACTION 01A TEST CODE 8260A2 NAME PURGEABLE ORGANICS VOA
Date & Time Collected 03/12/96 12:00:00 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	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-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	103.7	86 - 118
Toluene-d8	101.2	88 - 110
Bromofluorobenzene	112.5	86 - 115

Notes and Definitions for this Report:

DATE RUN: 03/22/96
ANALYST: C
INSTRUMENT: HP-G
DIL. FACTOR: 1
COMMENTS:
UNITS: ug/L

ND = not detected at detection limit

SAMPLE ID TANK-2 CLASS III/7030504 FRACTION 01A TEST CODE 8270A2 NAME A/BN EXTRACTABLES SOIL
Date & Time Collected 03/12/96 12:00:00 Category LIQUID

EPA METHOD 8270A

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

CONTINUED ON FOLLOWING PAGE

SAMPLE ID TANK-2 CLASS III/7030504 FRACTION 01A TEST CODE 8270A2 NAME A/BN EXTRACTABLES SOIL
Date & Time Collected 03/12/96 12:00:00 Category LIQUID

EPA METHOD 8270A

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

Surrogates	% Recovery	Surrogate Limits
2-Fluorophenol	73	21 - 110
Phenol-d5	72	10 - 110
2-Chlorphenol-d4	70	33 - 110
1,2-Dichlorobenzene-d4	60	16 - 110
Nitrobenzene-d5	80	35 - 114
2-Fluorobiphenyl	81	43 - 116
2,4,6-Tribromphenol	72	10 - 123
Terphenyl-d14	37	33 - 141

Notes and Definitions for this Report:

UNITS: ug/L
EXTRACTED: 03/16/96
DATE RUN: 03/29/96
ANALYST: HB
INSTRUMENT: GC/MS
DIL. FACTOR: 1

ND = not detected at detection limit

PASCO COUNTY, FLORIDA

RECEIVED
JUL 25 1996
Department of Environmental Protection
SOUTHWEST DISTRICT
BY

REPORT OF ANALYSES

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

PROJECT NAME: LEACHATE QI 96
DATE: 03/21/96
DHRS # 44237, E44123

(Page 1 of 1)

LAB No.	SAMPLE DATE	SAMPLE TIME	SAMPLER	DELIVERY TO LAB DATE	DELIVERY TO LAB TIME	MATRIX
45160	03/12/96	1110	CHRIS CHILDRESS	03/12/96	1510	LE
45161	03/12/96	1200	CHRIS CHILDRESS	03/12/96	1510	LE

		CLIENT STATION ID: TANK 1	TANK 2
		LAB #: 45160	45161
FIELD PH	STD. UNITS	6.27	6.70
FIELD TEMPERATURE	DEGREES C	19.69	17.8
FIELD CONDUCTIVITY	umhos/cm	1809	364
DISSOLVED OXYGEN, FIELD	mg/L	0.5	3.7
ALKALINITY,BICARB.	mg/l	793	173
CHLORIDE	mg/L	166	17.7
COLOR	CPU	40	250
AMMONIA NITROGEN	mg/L	7.06	2.32
UN-IONIZED AMMONIA N	mg/L	<0.02	<0.02
NITRATE	mg/L	<0.15	<0.15
TOTAL DISS.SOLIDS	mg/L	1900	390
IRON,TOTAL	mg/L	0.42	0.64
MERCURY,TOTAL	mg/L	0.0006	0.0008
SODIUM,TOTAL	mg/L	122	8.08

LABORATORY DIRECTOR

PASCO COUNTY, FLORIDA

QC REPORT FOR CLASS III LANDFILL 03/21/96

QA/QC for SAMPLE Nos: 45160, 45161,
Page 1

		Precision Data				Accuracy Data	Reference Sample Data			
Analyte	LAB ID	Replicate A	Replicate B	Range	RPD %	% Spike Recovery	Reference Sample ID	Target	Found	% Recovery
ALKALINITY,BICARB.	45161	173	174	1.0	0.58	------	----------	--------	--------	------
EPA310.1										
mg/l										
CHLORIDE	45160	166	167	1.0	0.60	------	STD	60.0	58.4	97.50
EPA 325.3	45174	12637	12667	30	0.24	------	----------	--------	--------	------
mg/L	45252	--------	--------	--------	--------	96.70	----------	--------	--------	------
COLOR	45161	250	275	25	9.52	------	----------	--------	--------	------
EPA 110.2										
CPU										
AMMONIA NITROGEN		NO DUPLICATE, SPIKE, OR REFERENCE SAMPLES FOR THIS ANALYSIS								
SM4500NH3E										
mg/L										
UN-IONIZED AMMONIA N		NO DUPLICATE, SPIKE, OR REFERENCE SAMPLES FOR THIS ANALYSIS								
DEP SOP										
mg/L										
NITRATE	45139	--------	--------	--------	--------	99.82	NO3 STD	4.000	4.159	103.97
EPA 353.2	45161	<0.15	<0.15	0.075	0.00	------	----------	--------	--------	------
mg/L										
TOTAL DISS.SOLIDS	45174	33000	31600	1400	4.33	------	STD	293	294	100.30
EPA160.1										
mg/L										

PASCO COUNTY, FLORIDA

QC REPORT FOR CLASS III LANDFILL 03/21/96

QA/QC for SAMPLE Nos: 45160, 45161.
Page 2

		Precision Data				Accuracy Data	Reference Sample Data			
Analyte	LAB ID	Replicate A	Replicate B	Range	RPD %	% Spike Recovery	Reference Sample ID	Target	Found	% Recovery
IRON,TOTAL 236.2 mg/L	45161	.787	.785	0.0020	0.25	102.60	----------	--------	--------	------
MERCURY,TOTAL 245.1 mg/L	45160	0.60	0.55	0.050	8.70	88.90	----------	--------	--------	------
SODIUM,TOTAL 273.1 mg/L	45161	8.08	8.08	0	0.00	101.90	----------	--------	--------	------

PASCO COUNTY, FLORIDA

DATE, TIME, ANALYST REPORT

ANALYSIS	METHOD	ANALYSIS DATE	TIME	ANALYST
BICARB.ALK	EPA310.1	03/13/96	1400	JK
CL-	EPA 325.3	03/15/96	1000	JK
COLOR	EPA 110.2	03/13/96	1400	JK
COND,FIELD	SM2510B	03/12/96	1110	CHR
DO, FIELD	SM4500-O G	03/12/96	1110	CHR
FE/T/AA	236.2	03/15/96	1200	TER
FIELD TEMP	SM2550B	03/12/96	1110	CHR
HG/T/CVAA	245.1	03/19/96	1500	TER
NA/T/FLAA	273.1	03/15/96	0900	TER
NH3	SM4500NH3E	03/14/96	1500	TER
NH3-UNION	DEP SOP	03/15/96	1100	CEM
NO3	EPA 353.2	03/13/96	1600	IF
PH, FIELD	EPA 150.1	03/12/96	1110	CHR
TDS	EPA160.1	03/15/96	1500	JK

7030504 TANK 2 CLASS III
7030505 TANK 1 CLASS III

Received: 03/13/96 Results by Sample

RECEIVED
JUL 25 1996
Department of Environmental Protection
SOUTHWEST DISTRICT
BY

SAMPLE ID METHOD BLANK SAMPLE # 03 FRACTIONS: A
Date & Time Collected not specified Category QC

CN_TOT	ND	S_FID	ND
mg/L	DL=0.010	mg/L	DL=0.10

SAMPLE ID METHOD BLANK FRACTION 03A 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)	ND	0.0200	106-93-4
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	ND	0.0200	96-12-8

NOTES AND DEFINITIONS FOR THIS REPORT
DATE RUN..... 03/16/96
INSTRUMENT..... HP-2
UNITS..... ug/L
ND = NOT DETECTED AT DETECTION LIMITS

SAMPLE ID METHOD BLANK FRACTION 03A TEST CODE 615 NAME CHLORINATED HERBICIDES
Date & Time Collected not specified Category QC

EPA METHOD 615 - CHLORINATED HERBICIDES

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

Notes and Definitions for this Report:

EXTRACTED: 03/15/96
DATE RUN: 03/22/96
ANALYST: IL
INSTRUMENT: HP-2
DIL. FACTOR: 1

ND = not detected at detection limit

SAMPLE ID METHOD BLANK FRACTION 02A TEST CODE 8080 NAME PESTICIDES/PCB
Date & Time Collected not specified Category QC

EPA 8080 - ORGANOCHLORINE PESTICIDES & PCB's

	RESULT	DETEC. LIMIT		RESULT	DETEC. 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	0.250			
Toxaphene	ND	0.500			
Methoxychlor	ND	0.010			

Notes and Definitions for this Report:

EXTRACTED: 03/22/96
DATE RUN: 03/28/96
ANALYST: JRY
INSTRUMENT: HP-2
DIL. FACTOR: 1
UNITS: ug/L

ND = not detected at detection limit

SAMPLE ID METHOD BLANK FRACTION 03A TEST CODE 8141 NAME ORGANOPHOSPHORUS PESTICIDE
Date & Time Collected not specified Category QC

EPA 8141 - ORGANOPHOSPHORUS PESTICIDES

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

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

Notes and Definitions for this Report:

EXTRACTED: 03/19/96
DATE RUN: 03/25/96
ANALYST: HB
INSTRUMENT: GC
DIL. FACTOR: 1
UNITS: ug/L

ND = not detected at detection limit

SAMPLE ID METHOD BLANK FRACTION 03A TEST CODE 8260A2 NAME PURGEABLE ORGANICS VOA
Date & Time Collected not specified Category QC

EPA 8260A PURGEABLE ORGANICS

	RESULT	LIMIT		RESULT	LIMIT
Acetone	ND	50.0			
Acetonitrile	ND	5.00	Ethylbenzene	ND	5.00
Acrolein	ND	100	Ethyl methacrylate	ND	10.0
Acrylonitrile	ND	10.0	2-Hexanone	ND	10.0
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	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-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	113.4	86 - 118
Toluene-d8	99.8	88 - 110
Bromofluorobenzene	106.3	86 - 115

Notes and Definitions for this Report:

DATE RUN: 03/22/96
ANALYST: C
INSTRUMENT: HP-G
DIL. FACTOR: 1
COMMENTS:
UNITS: ug/L

ND = not detected at detection limit

SAMPLE ID METHOD BLANK FRACTION 03A 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	ND	5.00	3,3'-Dimethylbenzidine	ND	10.0
Acenaphthylene	ND	5.00	2,4-Dimethylphenol	ND	10.0
Acetophenone	ND	10.0	Dimethyl phthalate	ND	10.0
2-Acetyaminofluorene	ND	10.0	1-3-Dinitrobenzene	ND	10.0
4-Aminobiphenyl	ND	10.0	4,6-Dinitro-2-methylphenol	ND	25.0
Anthracene	ND	5.00	2-4-Dinitrophenol	ND	25.0
Benz(a)anthracene	ND	5.00	2,4-Dinitrotoluene	ND	10.0
Benzo(b)fluoranthene	ND	5.00	2,6-Dinitrotoluene	ND	10.0
Benzo(k)fluoranthene	ND	5.00	Di-n-octyl phthalate	ND	10.0
Benzo(g,h,i)perylene	ND	5.00	Diphenylamine	ND	10.0
Benzo(a)pyrene	ND	5.00	Disulfoton	ND	10.0
Benzyl alcohol	ND	25.0	Ethyl methanesufonate	ND	10.0
Bis(2-chloroethoxy)methane	ND	10.0	Famphur (Famophos)	ND	10.0
Bis(2-chloroethyl)ether	ND	10.0	Fluoranthene	ND	5.00
Bis(2-chloromethylethyl)ether	ND	10.0	Fluorene	ND	5.00
Bis(2-ethylhexyl)phthalate	ND	5.00	Heptachlor	ND	50.0
4-Bromophenyl phenyl ether	ND	10.0	Hexachlorobutadiene	ND	10.0
Butyl benzyl phthalate	ND	10.0	Hexachlorocyclopentadiene	ND	10.0
p-Chloroaniline	ND	10.0	Hexachloroethane	ND	10.0
Chlorobenzilate	ND	10.0	Hexachloropropene	ND	10.0
4-Chloro-3-methylphenol	ND	10.0	Indeno(1,2,3-cd)pyrene	ND	5.00
2-Chloronaphthalene	ND	10.0	Isodrin	ND	10.0
2-Chlorophenol	ND	10.0	Isophorone	ND	10.0
4-Chlorophenyl phenyl ether	ND	10.0	Isosafrole	ND	10.0
Chrysene	ND	5.00	Kepone	ND	20.0
o-Cresol(2-Methylphenol)	ND	10.0	Methapyrilene	ND	10.0
m-Cresol(3-Methylphenol)	ND	10.0	3-Methylchlolanthrene	ND	10.0
p-Cresol(4-Methylphenol)	ND	10.0	Methyl methanesulfonate	ND	10.0
Diallate (total)	ND	25.0	2-Methylnaphthalene	ND	5.00
Dibenz(a,h)anthracene	ND	5.00	Methyl parathion	ND	10.0
Dibenzofuran	ND	10.0	Naphthalene	ND	5.00
Di-n-butyl phthalate	ND	10.0	1,4-Naphthoquinone	ND	10.0
1,2-Dichlorobenzene	ND	5.00	1-Naphthylamine	ND	10.0
1,3-Dichlorobenzene	ND	5.00	2-Naphthylamine	ND	10.0
1,4-Dichlorobenzene	ND	5.00	2-Nitroaniline	ND	10.0
3,3'-Dichlorobenzidine	ND	10.0	3-Nitroaniline	ND	10.0
2,4-Dichlorophenol	ND	10.0	4-Nitroaniline	ND	10.0
2,6-Dichlorophenol	ND	10.0	Nitrobenzene	ND	10.0
Diethyl phthalate	ND	10.0	2-Nitrophenol	ND	10.0
0,0-Diethyl 0-2-pyrazinyl			4-Nitrophenol	ND	10.0
phoshporoethoate	ND	10.0	n-Nitrosodi-n-butylamine	ND	10.0
Dimethoate	ND	10.0	n-Nitrosodiethylamine	ND	10.0
p-(Dimethylamino)azobenzene	ND	10.0	n-Nitrosodimethylamine	ND	10.0
7,12-Dimethylbenz(a)anthracene	ND	10.0	n-Nitrosodiphenylamine	ND	10.0

CONTINUED ON FOLLOWING PAGE

SAMPLE ID METHOD BLANK FRACTION 03A 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	Aldrin	ND	10.0
PCB's (Total)	ND	200	Alpha-BHC	ND	10.0
Pentachlorobenzene	ND	10.0	Beta-BHC	ND	10.0
Pentachloronitrobenzene	ND	10.0	Delta-BHC	ND	10.0
Pentachlorophenol	ND	10.0	Gamma-BHC (Lindane)	ND	10.0
Phenacetin	ND	10.0	4,4'-DDT	ND	10.0
Phenanthrene	ND	5.00	4,4'-DDD	ND	10.0
Phenol	ND	10.0	4,4'-DDE	ND	10.0
p-Phenylenediamine	ND	10.0	Dieldrin	ND	10.0
Phorate	ND	10.0	Endosulfan I	ND	10.0
Pronamide	ND	10.0	Endosulfan II	ND	10.0
Pyrene	ND	5.00	Endosulfan Sulfate	ND	10.0
Safrole	ND	10.0	Endrin	ND	10.0
1,2,4,5-Tetrachlorobenzene	ND	10.0	Endrin aldehyde	ND	10.0
2,3,4,6-Tetrachlorophenol	ND	10.0	Heptachlor epoxide	ND	10.0
o-Toluidine	ND	10.0	Hexachlorobenzene	ND	10.0
Toxaphene	ND	10.0	Methoxychlor	ND	10.0

Surrogates	% Recovery	Surrogate Limits
2-Fluorophenol	74	21 - 110
Phenol-d5	76	10 - 110
2-Chlorphenol-d4	74	33 - 110
1,2-Dichlorobenzene-d4	58	16 - 110
Nitrobenzene-d5	83	35 - 114
2-Fluorobiphenyl	80	43 - 116
2,4,6-Tribromphenol	65	10 - 123
Terphenyl-d14	67	33 - 141

Notes and Definitions for this Report:

UNITS: ug/L
EXTRACTED: 03/12/96
DATE RUN: 03/29/96
ANALYST: HB
INSTRUMENT: GC/MS
DIL. FACTOR: 1

ND = not detected at detection limit

SAMPLE ID MEAN % RECOVERY SAMPLE # 04 FRACTIONS: A
Date & Time Collected not specified Category QC

CN_TOT	106	S_FID	110
	%		%

SAMPLE ID MEAN % RECOVERY FRACTION 04A 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)	105 %	0.0200	106-93-4
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	88 %	0.0200	96-12-8

NOTES AND DEFINITIONS FOR THIS REPORT
DATE RUN..... 03/16/96
INSTRUMENT..... HP-2
UNITS..... ug/L
ND = NOT DETECTED AT DETECTION LIMITS

SAMPLE ID MEAN % RECOVERY FRACTION 04A TEST CODE 615 NAME CHLORINATED HERBICIDES
Date & Time Collected not specified Category QC

EPA METHOD 615 - CHLORINATED HERBICIDES

	RESULT	LIMIT
2,4-DB	73 %	0.500
2,4-D	101 %	0.500
2,4,5-T	75 %	0.500
Silvex (2,4,5-TP)	83 %	0.500
Dinoseb (DNBP)	*	0.500
Dalapon	*	0.500
Dicamba	91 %	0.500
Dichlorprop	*	0.500
MCPA	82 %	5000
MCPP	72 %	5000

Notes and Definitions for this Report:

EXTRACTED: 03/15/96
DATE RUN: 03/22/96
ANALYST: IL
INSTRUMENT: HP-2
DIL. FACTOR: 1

ND = not detected at detection limit

SAMPLE ID MEAN % RECOVERY-LCS FRACTION 03A TEST CODE 8080 NAME PESTICIDES/PCB
Date & Time Collected not specified Category QC

EPA 8080 - ORGANOCHLORINE PESTICIDES & PCB's

	RESULT	DETEC. LIMIT		RESULT	DETEC. LIMIT
Alpha-BHC	110 %	*	Aroclor 1016	*	*
Gamma-BHC (Lindane)	112 %	*	Aroclor 1221	*	*
Beta-BHC	109 %	*	Aroclor 1232	*	*
Heptachlor	112 %	*	Aroclor 1242	*	*
Delta-BHC	*	*	Aroclor 1248	*	*
Aldrin	84 %	*	Aroclor 1254	*	*
Heptachlor Epoxide	114 %	*	Aroclor 1260	*	*
Endosulfan I	103 %	*			
4,4'-DDE	98 %	*			
Dieldrin	*	*			
Endrin	116 %	*			
4,4'-DDD	114 %	*			
Endosulfan II	106 %	*			
4,4'-DDT	*	*			
Endrin Aldehyde	*	*			
Endosulfan Sulfate	114 %	*			
Chlordane	*	*			
Toxaphene	*	*			
Methoxychlor	80 %	*			

Notes and Definitions for this Report:

EXTRACTED: 04/01/96
DATE RUN: 04/01/96
ANALYST: JRY
INSTRUMENT: HP-2
DIL. FACTOR: 1
UNITS: %

ND = not detected at detection limit

SAMPLE ID MEAN % RECOVERY FRACTION 04A TEST CODE 8141 NAME ORGANOPHOSPHORUS PESTICIDE
Date & Time Collected not specified Category QC

EPA 8141 - ORGANOPHOSPHORUS PESTICIDES

		DETECTION
Azinphos methyl	-	-T
Bolstar	-	-
Chlorpyrifos	-	-
Coumaphos	-	-
Demeton-o	79%	-
Demeton-s	-	-
Diazinon	81%	-
Dichlorovos	59%	-
Dimethoate	-	-
Disulfoton	80%	-
EPN	-	-
Ethoprop	-	-
Fensulfothion	-	-
Fenthion	-	-
Malathion	-	-
Merphos	-	-
Mevinphos	-	-
Naled	-	-
Parathion	-	-
Methyl parathion	75%	-
Phorate	-	-
Ronnel	-	-
Sulfotep	-	-
Tetrachlorvinphos	-	-
TEPP	-	-
Tokuthion	-	-
Trichloronate	78%	-

Surrogates	% Recovery	Surrogate Limits
1,3-DMNB	68	40 - 120

Notes and Definitions for this Report:

EXTRACTED: 03/19/96
DATE RUN: 03/22/96
ANALYST: HB
INSTRUMENT: GC
DIL. FACTOR: *1
UNITS: %

ND = not detected at detection limit

SAMPLE ID MEAN % RECOVERY FRACTION 04A TEST CODE 8260A2 NAME PURGEABLE ORGANICS VOA
Date & Time Collected not specified Category QC

EPA 8260A PURGEABLE ORGANICS

	RESULT	LIMIT		RESULT	LIMIT
Acetone	-	-			
Acetonitrile	-	-	Ethylbenzene	-	-
Acrolein	-	-	Ethyl methacrylate	-	-
Acrylonitrile	-	-	2-Hexanone	-	-
Ally chloride	-	-	Isobutyl alcohol	-	-
Benzene	104%	-	Methacrylonitrile	-	-
Bromochloromethane	-	-	Methyl bromide	-	-
Bromodichloromethane	-	-	Methyl chloride	-	-
Bromoform	-	-	Methylene bromide	-	-
Carbon disulfide	-	-	Methylene chloride	-	-
Carbon tetrachloride	-	-	Methyl ethyl ketone	-	-
Chlorobenzene	107%	-	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	104%	-
Dichlorodifluoromethane	-	-	1,1,1-Trichloroethane	-	-
1,1-Dichloroethane	-	-	1,1,2-Trichloroethane	-	-
1,2-Dichloroethane	-	-	Trichloroethene	104%	-
1,1-Dichloroethene	114%	-	Trichlorofluoromethane	-	-
cis-1,2-Dichloroethene	-	-	1,2,3-Trichloropropane	-	-
trans-1,2-Dichloroethene	-	-	Vinyl acetate	-	-
1,2-Dichloropropane	-	-	Vinyl chloride	-	-
1,3-Dichloropropane	-	-	Total xylenes	-	-
2,2-Dichloropropane	-	-	1,2-Dibromo3-chloropropane	-	-
1,1-Dichlorpropene	-	-	1,2-Dibromomethane	-	-
cis-1,3-Dichloropropene	-	-			
trans-1,3-Dichloropropene	-	-			

Surrogates	% Recovery	Surrogate Limits
Dibromofluoromethane	114	86 - 118
Toluene-d8	100	88 - 110
Bromofluorobenzene	110	86 - 115

Notes and Definitions for this Report:

DATE RUN: 03/22/96
ANALYST: C
INSTRUMENT: HP-G
DIL. FACTOR: *1
COMMENTS: MEAN % RECOVERY
UNITS: %

ND = not detected at detection limit

SAMPLE ID MEAN % RECOVERY FRACTION 04A 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	89%	-	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	88%	-
Benz(a)anthracene	-	-	2,4-Dinitrotoluene	-	-
Benzo(b)fluoranthene	-	-	2,6-Dinitrotoluene	-	-
Benzo(k)fluoranthene	-	-	Di-n-octyl phthalate	-	-
Benzo(g,h,i)perylene	-	-	Diphenylamine	-	-
Benzo(a)pyrene	-	-	Disulfoton	-	-
Benzyl alcohol	-	-	Ethyl methanesufonate	-	-
Bis(2-chloroethoxy)methane	-	-	Famphur (Famophos)	-	-
Bis(2-chloroethyl)ether	-	-	Fluoranthene	-	-
Bis(2-chloromethylethyl)ether	-	-	Fluorene	-	-
Bis(2-ethylhexyl)phthalate	-	-	Heptachlor	-	-
4-Bromophenyl phenyl ether	-	-	Hexachlorobutadiene	-	-
Butyl benzyl phthalate	-	-	Hexachlorocyclopentadiene	-	-
p-Chloroaniline	-	-	Hexachloroethane	-	-
Chlorobenzilate	-	-	Hexachloropropene	-	-
4-Chloro-3-methylphenol	73%	-	Indeno(1,2,3-cd)pyrene	-	-
2-Chloronaphthalene	-	-	Isodrin	-	-
2-Chlorophenol	75%	-	Isophorone	-	-
4-Chlorophenyl phenyl ether	-	-	Isosafrole	-	-
Chrysene	-	-	Kepone	-	-
o-Cresol(2-Methylphenol)	-	-	Methapyrilene	-	-
m-Cresol(3-Methylphenol)	-	-	3-Methylchlolanthrene	-	-
p-Cresol(4-Methylphenol)	-	-	Methyl methanesulfonate	-	-
Diallate (total)	-	-	2-Methylnaphthalene	-	-
Dibenz(a,h)anthracene	-	-	Methyl parathion	-	-
Dibenzofuran	-	-	Naphthalene	-	-
Di-n-butyl phthalate	-	-	1,4-Naphthoquinone	-	-
1,2-Dichlorobenzene	-	-	1-Naphthylamine	-	-
1,3-Dichlorobenzene	-	-	2-Naphthylamine	-	-
1,4-Dichlorobenzene	48%	-	2-Nitroaniline	-	-
3,3'-Dichlorobenzidine	-	-	3-Nitroaniline	-	-
2,4-Dichlorophenol	-	-	4-Nitroaniline	-	-
2,6-Dichlorophenol	-	-	Nitrobenzene	-	-
Diethyl phthalate	-	-	2-Nitrophenol	-	-
0,0-Diethyl 0-2-pyrazinyl			4-Nitrophenol	87%	-
phoshporoethoate	-	-	n-Nitrosodi-n-butylamine	-	-
Dimethoate	-	-	n-Nitrosodiethylamine	-	-
p-(Dimethylamino)azobenzene	-	-	n-Nitrosodimethylamine	-	-
7,12-Dimethylbenz(a)anthracene	-	-	n-Nitrosodiphenylamine	-	-

CONTINUED ON FOLLOWING PAGE

SAMPLE ID MEAN % RECOVERY FRACTION 04A 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	75%	-	1,2,4-Trichlorobenzene	66%	-
n-Nitrosomethylethylamine	-	-	2,4,5-Trichlorophenol	-	-
n-Nitrosopiperidine	-	-	2,4,6-Trichlorophenol	-	-
n-Nitrosopyrrolidine	-	-	Triethyl phosphorothioate	-	-
5-Nitro-o-toluidine	-	-	1,3,5-Trinitrobenzene	-	-
Parathion (Parathion ethyl)	-	-	Aldrin	-	-
PCB's (Total)	-	-	Alpha-BHC	-	-
Pentachlorobenzene	-	-	Beta-BHC	-	-
Pentachloronitrobenzene	-	-	Delta-BHC	-	-
Pentachlorophenol	73%	-	Gamma-BHC (Lindane)	-	-
Phenacetin	-	-	4,4'-DDT	-	-
Phenanthrene	-	-	4,4'-DDD	-	-
Phenol	84%	-	4,4'-DDE	-	-
p-Phenylenediamine	-	-	Dieldrin	-	-
Phorate	-	-	Endosulfan I	-	-
Pronamide	-	-	Endosulfan II	-	-
Pyrene	87%	-	Endosulfan Sulfate	-	-
Safrole	-	-	Endrin	-	-
1,2,4,5-Tetrachlorobenzene	-	-	Endrin aldehyde	-	-
2,3,4,6-Tetrachlorophenol	-	-	Heptachlor epoxide	-	-
o-Toluidine	-	-	Hexachlorobenzene	-	-
Toxaphene	-	-	Methoxychlor	-	-

Surrogates	% Recovery	Surrogate Limits
2-Fluorophenol	79	21 - 110
Phenol-d5	81	10 - 110
2-Chlorphenol-d4	78	33 - 110
1,2-Dichlorobenzene-d4	66	16 - 110
Nitrobenzene-d5	86	35 - 114
2-Fluorobiphenyl	91	43 - 116
2,4,6-Tribromphenol	81	10 - 123
Terphenyl-d14	62	33 - 141

Notes and Definitions for this Report:

UNITS: %
EXTRACTED: 03/12/96
DATE RUN: 03/29/96
ANALYST: HB
INSTRUMENT: GC/MS
DIL. FACTOR: *

ND = not detected at detection limit

SAMPLE ID RPD SAMPLE # 05 FRACTIONS: A
Date & Time Collected not specified Category QC

CN_TOT	0	S_FID	1.0
	%		%

SAMPLE ID RPD 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)	1.9 %	0.0200	106-93-4
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	2.3 %	0.0200	96-12-8

NOTES AND DEFINITIONS FOR THIS REPORT
DATE RUN..... 03/16/96
INSTRUMENT..... HP-2
UNITS..... ug/L
ND = NOT DETECTED AT DETECTION LIMITS

SAMPLE ID RPD FRACTION 05A TEST CODE 615 NAME CHLORINATED HERBICIDES
Date & Time Collected not specified Category QC

EPA METHOD 615 - CHLORINATED HERBICIDES

	RESULT	LIMIT
2,4-DB	11 %	0.500
2,4-D	0 %	0.500
2,4,5-T	8.0 %	0.500
Silvex (2,4,5-TP)	7.2 %	0.500
Dinoseb (DNBP)	*	0.500
Dalapon	*	0.500
Dicamba	6.6 %	0.500
Dichlorprop	*	0.500
MCPA	4.9 %	5000
MCPP	2.8 %	5000

Notes and Definitions for this Report:

EXTRACTED: 03/15/96
DATE RUN: 03/22/96
ANALYST: IL
INSTRUMENT: HP-2
DIL. FACTOR: 1

ND = not detected at detection limit

SAMPLE ID RPD-LCS FRACTION 04A TEST CODE 8080 NAME PESTICIDES/PCB
Date & Time Collected not specified Category QC

EPA 8080 - ORGANOCHLORINE PESTICIDES & PCB's

	RESULT	DETEC. LIMIT		RESULT	DETEC. LIMIT
Alpha-BHC	2.7 %	*	Aroclor 1016	*	*
Gamma-BHC (Lindane)	4.5 %	*	Aroclor 1221	*	*
Beta-BHC	5.5 %	*	Aroclor 1232	*	*
Heptachlor	6.2 %	*	Aroclor 1242	*	*
Delta-BHC	*	*	Aroclor 1248	*	*
Aldrin	8.3 %	*	Aroclor 1254	*	*
Heptachlor Epoxide	9.6 %	*	Aroclor 1260	*	*
Endosulfan I	7.8 %	*			
4,4'-DDE	6.1 %	*			
Dieldrin	*	*			
Endrin	6.0 %	*			
4,4'-DDD	3.5 %	*			
Endosulfan II	8.5 %	*			
4,4'-DDT	2.4 %	*			
Endrin Aldehyde	8.3 %	*			
Endosulfan Sulfate	7.9 %	*			
Chlordane	*	*			
Toxaphene	*	*			
Methoxychlor	*	*			

Notes and Definitions for this Report:

EXTRACTED: 04/01/96
DATE RUN: 04/01/96
ANALYST: JRY
INSTRUMENT: HP-2
DIL. FACTOR: 1
UNITS: %

ND = not detected at detection limit

TEST CODE 8080 NAME PESTICIDES/PCB

EPA Method: 8080, Oganochlorine Pesticides and PCB's

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

SAMPLE ID RPD FRACTION 05A TEST CODE 8141 NAME ORGANOPHOSPHORUS PESTICIDE
Date & Time Collected not specified Category QC

EPA 8141 - ORGANOPHOSPHORUS PESTICIDES

		DETECTION
Azinphos methyl	-	-T
Bolstar	-	-
Chlorpyrifos	-	-
Coumaphos	-	-
Demeton-o	1%	-
Demeton-s	-	-
Diazinon	2%	-
Dichlorovos	7%	-
Dimethoate	-	-
Disulfoton	3%	-
EPN	-	-
Ethoprop	-	-
Fensulfothion	-	-
Fenthion	-	-
Malathion	-	-
Merphos	-	-
Mevinphos	-	-
Naled	-	-
Parathion	-	-
Methyl parathion	14%	-
Phorate	-	-
Ronnel	-	-
Sulfotep	-	-
Tetrachlorvinphos	-	-
TEPP	-	-
Tokuthion	-	-
Trichloronate	4%	-

Surrogates	% Recovery	Surrogate Limits
1,3-DMNB	60	40 - 120

Notes and Definitions for this Report:

EXTRACTED: 03/19/96
DATE RUN: 03/22/96
ANALYST: HB
INSTRUMENT: GC
DIL. FACTOR: *1
UNITS: %

ND = not detected at detection limit

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

EPA 8260A PURGEABLE ORGANICS

	RESULT	LIMIT		RESULT	LIMIT
Acetone	-	-			
Acetonitrile	-	-	Ethylbenzene	-	-
Acrolein	-	-	Ethyl methacrylate	-	-
Acrylonitrile	-	-	2-Hexanone	-	-
Ally chloride	-	-	Isobutyl alcohol	-	-
Benzene	12%	-	Methacrylonitrile	-	-
Bromochloromethane	-	-	Methyl bromide	-	-
Bromodichloromethane	-	-	Methyl chloride	-	-
Bromoform	-	-	Methylene bromide	-	-
Carbon disulfide	-	-	Methylene chloride	-	-
Carbon tetrachloride	-	-	Methyl ethyl ketone	-	-
Chlorobenzene	11%	-	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	11%	-
Dichlorodifluoromethane	-	-	1,1,1-Trichloroethane	-	-
1,1-Dichloroethane	-	-	1,1,2-Trichloroethane	-	-
1,2-Dichloroethane	-	-	Trichloroethene	11%	-
1,1-Dichloroethene	11%	-	Trichlorofluoromethane	-	-
cis-1,2-Dichloroethene	-	-	1,2,3-Trichloropropane	-	-
trans-1,2-Dichloroethene	-	-	Vinyl acetate	-	-
1,2-Dichloropropane	-	-	Vinyl chloride	-	-
1,3-Dichloropropane	-	-	Total xylenes	-	-
2,2-Dichloropropane	-	-	1,2-Dibromo3-chloropropane	-	-
1,1-Dichlorpropene	-	-	1,2-Dibromomethane	-	-
cis-1,3-Dichloropropene	-	-			
trans-1,3-Dichloropropene	-	-			

Surrogates	% Recovery	Surrogate Limits
Dibromofluoromethane	114	86 - 118
Toluene-d8	100	88 - 110
Bromofluorobenzene	110	86 - 115

Notes and Definitions for this Report:

DATE RUN: 03/22/96
ANALYST: C
INSTRUMENT: HP-G
DIL. FACTOR: *1
COMMENTS: RPD
UNITS: %

ND = not detected at detection limit

SAMPLE ID RPD 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
Acenaphthene	7%	-	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	8%	-
Benzo(b)fluoranthene	-	-	2,6-Dinitrotoluene	-	-
Benzo(k)fluoranthene	-	-	Di-n-octyl phthalate	-	-
Benzo(g,h,i)perylene	-	-	Diphenylamine	-	-
Benzo(a)pyrene	-	-	Disulfoton	-	-
Benzyl alcohol	-	-	Ethyl methanesufonate	-	-
Bis(2-chloroethoxy)methane	-	-	Famphur (Famophos)	-	-
Bis(2-chloroethyl)ether	-	-	Fluoranthene	-	-
Bis(2-chloromethylethyl)ether	-	-	Fluorene	-	-
Bis(2-ethylhexyl)phthalate	-	-	Heptachlor	-	-
4-Bromophenyl phenyl ether	-	-	Hexachlorobutadiene	-	-
Butyl benzyl phthalate	-	-	Hexachlorocyclopentadiene	-	-
p-Chloroaniline	-	-	Hexachloroethane	-	-
Chlorobenzilate	-	-	Hexachloropropene	-	-
4-Chloro-3-methylphenol	5%	-	Indeno(1,2,3-cd)pyrene	-	-
2-Chloronaphthalene	-	-	Isodrin	-	-
2-Chlorophenol	9%	-	Isophorone	-	-
4-Chlorophenyl phenyl ether	-	-	Isosafrole	-	-
Chrysene	-	-	Kepone	-	-
o-Cresol(2-Methylphenol)	-	-	Methapyrilene	-	-
m-Cresol(3-Methylphenol)	-	-	3-Methylchlolanthrene	-	-
p-Cresol(4-Methylphenol)	-	-	Methyl methanesulfonate	-	-
Diallate (total)	-	-	2-Methylnaphthalene	-	-
Dibenz(a,h)anthracene	-	-	Methyl parathion	-	-
Dibenzofuran	-	-	Naphthalene	-	-
Di-n-butyl phthalate	-	-	1,4-Naphthoquinone	-	-
1,2-Dichlorobenzene	-	-	1-Naphthylamine	-	-
1,3-Dichlorobenzene	-	-	2-Naphthylamine	-	-
1,4-Dichlorobenzene	15%	-	2-Nitroaniline	-	-
3,3'-Dichlorobenzidine	-	-	3-Nitroaniline	-	-
2,4-Dichlorophenol	-	-	4-Nitroaniline	-	-
2,6-Dichlorophenol	-	-	Nitrobenzene	-	-
Diethyl phthalate	-	-	2-Nitrophenol	-	-
0,0-Diethyl 0-2-pyrazinyl			4-Nitrophenol	2%	-
phoshporoethoate	-	-	n-Nitrosodi-n-butylamine	-	-
Dimethoate	-	-	n-Nitrosodiethylamine	-	-
p-(Dimethylamino)azobenzene	-	-	n-Nitrosodimethylamine	-	-
7,12-Dimethylbenz(a)anthracene	-	-	n-Nitrosodiphenylamine	-	-

CONTINUED ON FOLLOWING PAGE

SAMPLE ID RPD 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	13%	-	1,2,4-Trichlorobenzene	8%	-
n-Nitrosomethylethylamine	-	-	2,4,5-Trichlorophenol	-	-
n-Nitrosopiperidine	-	-	2,4,6-Trichlorophenol	-	-
n-Nitrosopyrrolidine	-	-	Triethyl phosphorothioate	-	-
5-Nitro-o-toluidine	-	-	1,3,5-Trinitrobenzene	-	-
Parathion (Parathion ethyl)	-	-	Aldrin	-	-
PCB's (Total)	-	-	Alpha-BHC	-	-
Pentachlorobenzene	-	-	Beta-BHC	-	-
Pentachloronitrobenzene	-	-	Delta-BHC	-	-
Pentachlorophenol	13%	-	Gamma-BHC (Lindane)	-	-
Phenacetin	-	-	4,4'-DDT	-	-
Phenanthrene	-	-	4,4'-DDD	-	-
Phenol	10%	-	4,4'-DDE	-	-
p-Phenylenediamine	-	-	Dieldrin	-	-
Phorate	-	-	Endosulfan I	-	-
Pronamide	-	-	Endosulfan II	-	-
Pyrene	10%	-	Endosulfan Sulfate	-	-
Safrole	-	-	Endrin	-	-
1,2,4,5-Tetrachlorobenzene	-	-	Endrin aldehyde	-	-
2,3,4,6-Tetrachlorophenol	-	-	Heptachlor epoxide	-	-
o-Toluidine	-	-	Hexachlorobenzene	-	-
Toxaphene	-	-	Methoxychlor	-	-

Surrogates	% Recovery	Surrogate Limits
2-Fluorophenol	86	21 - 110
Phenol-d5	87	10 - 110
2-Chlorphenol-d4	85	33 - 110
1,2-Dichlorobenzene-d4	71	16 - 110
Nitrobenzene-d5	90	35 - 114
2-Fluorobiphenyl	95	43 - 116
2,4,6-Tribromphenol	88	10 - 123
Terphenyl-d14	66	33 - 141

Notes and Definitions for this Report:

UNITS: %
EXTRACTED: 03/16/96
DATE RUN: 03/22/96
ANALYST: HB
INSTRUMENT: GC/MS
DIL. FACTOR: *1

ND = not detected at detection limit

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

TEST CODE 615 NAME CHLORINATED HERBICIDES

EPA METHOD 615: The Determination of Chlorinated Herbicides in Municipal and Industrial Wastewater.

REFERENCE: METHODS FOR THE DETERMINATION OF NONCONVENTIONAL PESTICIDES IN MUNICIPAL AND INDUSTRIAL WASTEWATER, VOL 1, EPA-821-R-93-1010-A, AUGUST 1993, REV 1, US EPA.

TEST CODE 8080 NAME PESTICIDES/PCB

EPA Method: 8080, Oganochlorine Pesticides and PCB's

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

TEST CODE 8141 NAME ORGANOPHOSPHORUS PESTICIDE

Method not available.

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.

TEST CODE MEX_TW NAME METALS, TOTAL EXT., WATER

REFERENCE:

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

TEST CODE PB NAME LEAD

STORET CODE: 900212
EPA METHOD 239.2

TEST CODE S_FID NAME SULFIDE

Method not available.

7030504 TANK 2 CLASS III
7030505 TANK 1 CLASS III

SAMPLE ID METHOD BLANK SAMPLE # 03 FRACTIONS: A
Date & Time Collected not specified Category QC

CN_TOT	S_FID
ND	ND
mg/L DL=0.010	mg/L DL=0.10

RECEIVED
JUL 25 1996
Department of Environmental Protection
SOUTHWEST DISTRICT
BY

SAMPLE ID METHOD BLANK FRACTION 03A 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)	ND	0.0200	106-93-4
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	ND	0.0200	96-12-8

NOTES AND DEFINITIONS FOR THIS REPORT
DATE RUN..... 03/16/96
INSTRUMENT..... HP-2
UNITS..... ug/L
ND = NOT DETECTED AT DETECTION LIMITS

SAMPLE ID METHOD BLANK FRACTION 03A TEST CODE 615 NAME CHLORINATED HERBICIDES
Date & Time Collected not specified Category QC

EPA METHOD 615 - CHLORINATED HERBICIDES

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

Notes and Definitions for this Report:

EXTRACTED: 03/15/96
DATE RUN: 03/22/96
ANALYST: IL
INSTRUMENT: HP-2
DIL. FACTOR: 1

ND = not detected at detection limit

SAMPLE ID METHOD BLANK FRACTION 03A TEST CODE 8080 NAME PESTICIDES/PCB
Date & Time Collected not specified Category QC

EPA 8080 - ORGANOCHLORINE PESTICIDES & PCB's

	RESULT	DETEC. LIMIT		RESULT	DETEC. LIMIT
Alpha-BHC	ND	0.05	Aroclor 1016	ND	0.05
Gamma-BHC (Lindane)	ND	0.05	Aroclor 1221	ND	0.05
Beta-BHC	ND	0.05	Aroclor 1232	ND	0.05
Heptachlor	ND	0.05	Aroclor 1242	ND	0.05
Delta-BHC	ND	0.05	Aroclor 1248	ND	0.05
Aldrin	ND	0.05	Aroclor 1254	ND	0.05
Heptachlor Epoxide	ND	0.05	Aroclor 1260	ND	0.05
Endosulfan I	ND	0.05			
4,4'-DDE	ND	0.05			
Dieldrin	ND	0.05			
Endrin	ND	0.05			
4,4'-DDD	ND	0.05			
Endosulfan II	ND	0.05			
4,4'-DDT	ND	0.05			
Endrin Aldehyde	ND	0.05			
Endosulfan Sulfate	ND	0.05			
Chlordane	ND	0.05			
Toxaphene	ND	1			
Methoxychlor	ND	0.2			

Notes and Definitions for this Report:

EXTRACTED: 03/19/96
DATE RUN: 03/22/96
ANALYST: HB
INSTRUMENT: GC
DIL. FACTOR: 1
UNITS: ug/L

ND = not detected at detection limit

SAMPLE ID METHOD BLANK FRACTION 03A TEST CODE 8141 NAME ORGANOPHOSPHORUS PESTICIDE
Date & Time Collected not specified Category QC

EPA 8141 - ORGANOPHOSPHORUS PESTICIDES

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

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

Notes and Definitions for this Report:

EXTRACTED: 03/19/96
DATE RUN: 03/25/96
ANALYST: HB
INSTRUMENT: GC
DIL. FACTOR: 1
UNITS: ug/L

ND = not detected at detection limit

SAMPLE ID METHOD BLANK FRACTION 03A TEST CODE 8260A2 NAME PURGEABLE ORGANICS VOA
Date & Time Collected not specified Category QC

EPA 8260A PURGEABLE ORGANICS

	RESULT	LIMIT		RESULT	LIMIT
Acetone	ND	50.0			
Acetonitrile	ND	5.00	Ethylbenzene	ND	5.00
Acrolein	ND	100	Ethyl methacrylate	ND	10.0
Acrylonitrile	ND	10.0	2-Hexanone	ND	10.0
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	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-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	113.4	86 - 118
Toluene-d8	99.8	88 - 110
Bromofluorobenzene	106.3	86 - 115

Notes and Definitions for this Report:

DATE RUN: 03/22/96
ANALYST: C
INSTRUMENT: HP-G
DIL. FACTOR: 1
COMMENTS:
UNITS: ug/L

ND = not detected at detection limit

SAMPLE ID METHOD BLANK FRACTION 03A 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	ND	5.00	3,3'-Dimethylbenzidine	ND	10.0
Acenaphthylene	ND	5.00	2,4-Dimethylphenol	ND	10.0
Acetophenone	ND	10.0	Dimethyl phthalate	ND	10.0
2-Acetyaminofluorene	ND	10.0	1-3-Dinitrobenzene	ND	10.0
4-Aminobiphenyl	ND	10.0	4,6-Dinitro-2-methylphenol	ND	25.0
Anthracene	ND	5.00	2-4-Dinitrophenol	ND	25.0
Benz(a)anthracene	ND	5.00	2,4-Dinitrotoluene	ND	10.0
Benzo(b)fluoranthene	ND	5.00	2,6-Dinitrotoluene	ND	10.0
Benzo(k)fluoranthene	ND	5.00	Di-n-octyl phthalate	ND	10.0
Benzo(g,h,i)perylene	ND	5.00	Diphenylamine	ND	10.0
Benzo(a)pyrene	ND	5.00	Disulfoton	ND	10.0
Benzyl alcohol	ND	25.0	Ethyl methanesufonate	ND	10.0
Bis(2-chloroethoxy)methane	ND	10.0	Famphur (Famophos)	ND	10.0
Bis(2-chloroethyl)ether	ND	10.0	Fluoranthene	ND	5.00
Bis(2-chloromethylethyl)ether	ND	10.0	Fluorene	ND	5.00
Bis(2-ethylhexyl)phthalate	ND	5.00	Heptachlor	ND	50.0
4-Bromophenyl phenyl ether	ND	10.0	Hexachlorobutadiene	ND	10.0
Butyl benzyl phthalate	ND	10.0	Hexachlorocyclopentadiene	ND	10.0
p-Chloroaniline	ND	10.0	Hexachloroethane	ND	10.0
Chlorobenzilate	ND	10.0	Hexachloropropene	ND	10.0
4-Chloro-3-methylphenol	ND	10.0	Indeno(1,2,3-cd)pyrene	ND	5.00
2-Chloronaphthalene	ND	10.0	Isodrin	ND	10.0
2-Chlorophenol	ND	10.0	Isophorone	ND	10.0
4-Chlorophenyl phenyl ether	ND	10.0	Isosafrole	ND	10.0
Chrysene	ND	5.00	Kepone	ND	20.0
o-Cresol(2-Methylphenol)	ND	10.0	Methapyrilene	ND	10.0
m-Cresol(3-Methylphenol)	ND	10.0	3-Methylchlolanthrene	ND	10.0
p-Cresol(4-Methylphenol)	ND	10.0	Methyl methanesulfonate	ND	10.0
Diallate (total)	ND	25.0	2-Methylnaphthalene	ND	5.00
Dibenz(a,h)anthracene	ND	5.00	Methyl parathion	ND	10.0
Dibenzofuran	ND	10.0	Naphthalene	ND	5.00
Di-n-butyl phthalate	ND	10.0	1,4-Naphthoquinone	ND	10.0
1,2-Dichlorobenzene	ND	5.00	1-Naphthylamine	ND	10.0
1,3-Dichlorobenzene	ND	5.00	2-Naphthylamine	ND	10.0
1,4-Dichlorobenzene	ND	5.00	2-Nitroaniline	ND	10.0
3,3'-Dichlorobenzidine	ND	10.0	3-Nitroaniline	ND	10.0
2,4-Dichlorophenol	ND	10.0	4-Nitroaniline	ND	10.0
2,6-Dichlorophenol	ND	10.0	Nitrobenzene	ND	10.0
Diethyl phthalate	ND	10.0	2-Nitrophenol	ND	10.0
0,0-Diethyl 0-2-pyrazinyl			4-Nitrophenol	ND	10.0
phoshporoethoate	ND	10.0	n-Nitrosodi-n-butylamine	ND	10.0
Dimethoate	ND	10.0	n-Nitrosodiethylamine	ND	10.0
p-(Dimethylamino)azobenzene	ND	10.0	n-Nitrosodimethylamine	ND	10.0
7,12-Dimethylbenz(a)anthracene	ND	10.0	n-Nitrosodiphenylamine	ND	10.0

CONTINUED ON FOLLOWING PAGE

SAMPLE ID METHOD BLANK FRACTION 03A 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	Aldrin	ND	10.0
PCB's (Total)	ND	200	Alpha-BHC	ND	10.0
Pentachlorobenzene	ND	10.0	Beta-BHC	ND	10.0
Pentachloronitrobenzene	ND	10.0	Delta-BHC	ND	10.0
Pentachlorophenol	ND	10.0	Gamma-BHC (Lindane)	ND	10.0
Phenacetin	ND	10.0	4,4'-DDT	ND	10.0
Phenanthrene	ND	5.00	4,4'-DDD	ND	10.0
Phenol	ND	10.0	4,4'-DDE	ND	10.0
p-Phenylenediamine	ND	10.0	Dieldrin	ND	10.0
Phorate	ND	10.0	Endosulfan I	ND	10.0
Pronamide	ND	10.0	Endosulfan II	ND	10.0
Pyrene	ND	5.00	Endosulfan Sulfate	ND	10.0
Safrole	ND	10.0	Endrin	ND	10.0
1,2,4,5-Tetrachlorobenzene	ND	10.0	Endrin aldehyde	ND	10.0
2,3,4,6-Tetrachlorophenol	ND	10.0	Heptachlor epoxide	ND	10.0
o-Toluidine	ND	10.0	Hexachlorobenzene	ND	10.0
Toxaphene	ND	10.0	Methoxychlor	ND	10.0

Surrogates	% Recovery	Surrogate Limits
2-Fluorophenol	74	21 - 110
Phenol-d5	76	10 - 110
2-Chlorphenol-d4	74	33 - 110
1,2-Dichlorobenzene-d4	58	16 - 110
Nitrobenzene-d5	83	35 - 114
2-Fluorobiphenyl	80	43 - 116
2,4,6-Tribromphenol	65	10 - 123
Terphenyl-d14	67	33 - 141

Notes and Definitions for this Report:

UNITS: ug/L
EXTRACTED: 03/12/96
DATE RUN: 03/29/96
ANALYST: HB
INSTRUMENT: GC/MS
DIL. FACTOR: 1
ND = not detected at detection limit

SAMPLE ID MEAN % RECOVERY SAMPLE # 04 FRACTIONS: A
Date & Time Collected not specified Category QC

CN_TOT	106	S_FID	110
	%		%

SAMPLE ID MEAN % RECOVERY FRACTION 04A 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)	105 %	0.0200	106-93-4
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	88 %	0.0200	96-12-8

NOTES AND DEFINITIONS FOR THIS REPORT
DATE RUN..... 03/16/96
INSTRUMENT..... HP-2
UNITS..... ug/L
ND = NOT DETECTED AT DETECTION LIMITS

SAMPLE ID MEAN % RECOVERY FRACTION 04A TEST CODE 615 NAME CHLORINATED HERBICIDES
Date & Time Collected not specified Category QC

EPA METHOD 615 - CHLORINATED HERBICIDES

	RESULT	LIMIT
2,4-DB	73 %	0.500
2,4-D	101 %	0.500
2,4,5-T	75 %	0.500
Silvex (2,4,5-TP)	83 %	0.500
Dinoseb (DNBP)	*	0.500
Dalapon	*	0.500
Dicamba	91 %	0.500
Dichlorprop	*	0.500
MCPA	82 %	5000
MCPP	72 %	5000

Notes and Definitions for this Report:

EXTRACTED: 03/15/96
DATE RUN: 03/22/96
ANALYST: IL
INSTRUMENT: HP-2
DIL. FACTOR: 1

ND = not detected at detection limit

SAMPLE ID MEAN % RECOVERY FRACTION 04A TEST CODE 8080 NAME PESTICIDES/PCB
Date & Time Collected not specified Category QC

EPA 8080 - ORGANOCHLORINE PESTICIDES & PCB's

	RESULT	DETEC. LIMIT		RESULT	DETEC. LIMIT
Alpha-BHC	-	-	Aroclor 1016	-	-
Gamma-BHC (Lindane)	87%	-	Aroclor 1221	-	-
Beta-BHC	-	-	Aroclor 1232	-	-
Heptachlor	82%	-	Aroclor 1242	-	-
Delta-BHC	-	-	Aroclor 1248	-	-
Aldrin	81%	-	Aroclor 1254	-	-
Heptachlor Epoxide	-	-	Aroclor 1260	-	-
Endosulfan I	-	-			
4,4'-DDE	-	-			
Dieldrin	87%	-			
Endrin	89%	-			
4,4'-DDD	-	-			
Endosulfan II	-	-			
4,4'-DDT	85%	-			
Endrin Aldehyde	-	-			
Endosulfan Sulfate	-	-			
Chlordane	-	-			
Toxaphene	-	-			
Methoxychlor	-	-			

Notes and Definitions for this Report:

EXTRACTED: 03/19/96
DATE RUN: 03/22/96
ANALYST: HB
INSTRUMENT: GC
DIL. FACTOR: *
UNITS: %

ND = not detected at detection limit

SAMPLE ID MEAN % RECOVERY FRACTION 04A TEST CODE 8141 NAME ORGANOPHOSPHORUS PESTICIDE
Date & Time Collected not specified Category QC

EPA 8141 - ORGANOPHOSPHORUS PESTICIDES

		DETECTION
Azinphos methyl	-	-T
Bolstar	-	-
Chlorpyrifos	-	-
Coumaphos	-	-
Demeton-o	79%	-
Demeton-s	-	-
Diazinon	81%	-
Dichlorovos	59%	-
Dimethoate	-	-
Disulfoton	80%	-
EPN	-	-
Ethoprop	-	-
Fensulfothion	-	-
Fenthion	-	-
Malathion	-	-
Merphos	-	-
Mevinphos	-	-
Naled	-	-
Parathion	-	-
Methyl parathion	75%	-
Phorate	-	-
Ronnel	-	-
Sulfotep	-	-
Tetrachlorvinphos	-	-
TEPP	-	-
Tokuthion	-	-
Trichloronate	78%	-

Surrogates	% Recovery	Surrogate Limits
1,3-DMNB	68	40 - 120

Notes and Definitions for this Report:

EXTRACTED: 03/19/96
DATE RUN: 03/22/96
ANALYST: HB
INSTRUMENT: GC
DIL. FACTOR: *1
UNITS: %

ND = not detected at detection limit

SAMPLE ID MEAN % RECOVERY FRACTION 04A TEST CODE 8260A2 NAME PURGEABLE ORGANICS VOA
Date & Time Collected not specified Category QC

EPA 8260A PURGEABLE ORGANICS

	RESULT	LIMIT		RESULT	LIMIT
Acetone	-	-			
Acetonitrile	-	-	Ethylbenzene	-	-
Acrolein	-	-	Ethyl methacrylate	-	-
Acrylonitrile	-	-	2-Hexanone	-	-
Ally chloride	-	-	Isobutyl alcohol	-	-
Benzene	104%	-	Methacrylonitrile	-	-
Bromochloromethane	-	-	Methyl bromide	-	-
Bromodichloromethane	-	-	Methyl chloride	-	-
Bromoform	-	-	Methylene bromide	-	-
Carbon disulfide	-	-	Methylene chloride	-	-
Carbon tetrachloride	-	-	Methyl ethyl ketone	-	-
Chlorobenzene	107%	-	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	104%	-
Dichlorodifluoromethane	-	-	1,1,1-Trichloroethane	-	-
1,1-Dichloroethane	-	-	1,1,2-Trichloroethane	-	-
1,2-Dichloroethane	-	-	Trichloroethene	104%	-
1,1-Dichloroethene	114%	-	Trichlorofluoromethane	-	-
cis-1,2-Dichloroethene	-	-	1,2,3-Trichloropropane	-	-
trans-1,2-Dichloroethene	-	-	Vinyl acetate	-	-
1,2-Dichloropropane	-	-	Vinyl chloride	-	-
1,3-Dichloropropane	-	-	Total xylenes	-	-
2,2-Dichloropropane	-	-	1,2-Dibromo3-chloropropane	-	-
1,1-Dichlorpropene	-	-	1,2-Dibromomethane	-	-
cis-1,3-Dichloropropene	-	-			
trans-1,3-Dichloropropene	-	-			

Surrogates	% Recovery	Surrogate Limits
Dibromofluoromethane	114	86 - 118
Toluene-d8	100	88 - 110
Bromofluorobenzene	110	86 - 115

Notes and Definitions for this Report:

DATE RUN: 03/22/96
ANALYST: C
INSTRUMENT: HP-G
DIL. FACTOR: *1
COMMENTS: MEAN % RECOVERY
UNITS: %

ND = not detected at detection limit

SAMPLE ID MEAN % RECOVERY FRACTION 04A 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	89%	-	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	88%	-
Benz(a)anthracene	-	-	2,4-Dinitrotoluene	-	-
Benzo(b)fluoranthene	-	-	2,6-Dinitrotoluene	-	-
Benzo(k)fluoranthene	-	-	Di-n-octyl phthalate	-	-
Benzo(g,h,i)perylene	-	-	Diphenylamine	-	-
Benzo(a)pyrene	-	-	Disulfoton	-	-
Benzyl alcohol	-	-	Ethyl methanesufonate	-	-
Bis(2-chloroethoxy)methane	-	-	Famphur (Famophos)	-	-
Bis(2-chloroethyl)ether	-	-	Fluoranthene	-	-
Bis(2-chloromethylethyl)ether	-	-	Fluorene	-	-
Bis(2-ethylhexyl)phthalate	-	-	Heptachlor	-	-
4-Bromophenyl phenyl ether	-	-	Hexachlorobutadiene	-	-
Butyl benzyl phthalate	-	-	Hexachlorocyclopentadiene	-	-
p-Chloroaniline	-	-	Hexachloroethane	-	-
Chlorobenzilate	-	-	Hexachloropropene	-	-
4-Chloro-3-methylphenol	73%	-	Indeno(1,2,3-cd)pyrene	-	-
2-Chloronaphthalene	-	-	Isodrin	-	-
2-Chlorophenol	75%	-	Isophorone	-	-
4-Chlorophenyl phenyl ether	-	-	Isosafrole	-	-
Chrysene	-	-	Kepone	-	-
o-Cresol(2-Methylphenol)	-	-	Methapyrilene	-	-
m-Cresol(3-Methylphenol)	-	-	3-Methylchlolanthrene	-	-
p-Cresol(4-Methylphenol)	-	-	Methyl methanesulfonate	-	-
Diallate (total)	-	-	2-Methylnaphthalene	-	-
Dibenz(a,h)anthracene	-	-	Methyl parathion	-	-
Dibenzofuran	-	-	Naphthalene	-	-
Di-n-butyl phthalate	-	-	1,4-Naphthoquinone	-	-
1,2-Dichlorobenzene	-	-	1-Naphthylamine	-	-
1,3-Dichlorobenzene	-	-	2-Naphthylamine	-	-
1,4-Dichlorobenzene	48%	-	2-Nitroaniline	-	-
3,3'-Dichlorobenzidine	-	-	3-Nitroaniline	-	-
2,4-Dichlorophenol	-	-	4-Nitroaniline	-	-
2,6-Dichlorophenol	-	-	Nitrobenzene	-	-
Diethyl phthalate	-	-	2-Nitrophenol	-	-
0,0-Diethyl 0-2-pyrazinyl			4-Nitrophenol	87%	-
phoshporoethoate	-	-	n-Nitrosodi-n-butylamine	-	-
Dimethoate	-	-	n-Nitrosodiethylamine	-	-
p-(Dimethylamino)azobenzene	-	-	n-Nitrosodimethylamine	-	-
7,12-Dimethylbenz(a)anthracene	-	-	n-Nitrosodiphenylamine	-	-

CONTINUED ON FOLLOWING PAGE

SAMPLE ID MEAN % RECOVERY FRACTION 04A 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	75%	-	1,2,4-Trichlorobenzene	66%	-
n-Nitrosomethylethylamine	-	-	2,4,5-Trichlorophenol	-	-
n-Nitrosopiperidine	-	-	2,4,6-Trichlorophenol	-	-
n-Nitrosopyrrolidine	-	-	Triethyl phosphorothioate	-	-
5-Nitro-o-toluidine	-	-	1,3,5-Trinitrobenzene	-	-
Parathion (Parathion ethyl)	-	-	Aldrin	-	-
PCB's (Total)	-	-	Alpha-BHC	-	-
Pentachlorobenzene	-	-	Beta-BHC	-	-
Pentachloronitrobenzene	-	-	Delta-BHC	-	-
Pentachlorophenol	73%	-	Gamma-BHC (Lindane)	-	-
Phenacetin	-	-	4,4'-DDT	-	-
Phenanthrene	-	-	4,4'-DDD	-	-
Phenol	84%	-	4,4'-DDE	-	-
p-Phenylenediamine	-	-	Dieldrin	-	-
Phorate	-	-	Endosulfan I	-	-
Pronamide	-	-	Endosulfan II	-	-
Pyrene	87%	-	Endosulfan Sulfate	-	-
Safrole	-	-	Endrin	-	-
1,2,4,5-Tetrachlorobenzene	-	-	Endrin aldehyde	-	-
2,3,4,6-Tetrachlorophenol	-	-	Heptachlor epoxide	-	-
o-Toluidine	-	-	Hexachlorobenzene	-	-
Toxaphene	-	-	Methoxychlor	-	-

Surrogates	% Recovery	Surrogate Limits
2-Fluorophenol	79	21 - 110
Phenol-d5	81	10 - 110
2-Chlorphenol-d4	78	33 - 110
1,2-Dichlorobenzene-d4	66	16 - 110
Nitrobenzene-d5	86	35 - 114
2-Fluorobiphenyl	91	43 - 116
2,4,6-Tribromphenol	81	10 - 123
Terphenyl-d14	62	33 - 141

Notes and Definitions for this Report:

UNITS: %
EXTRACTED: 03/12/96
DATE RUN: 03/29/96
ANALYST: HB
INSTRUMENT: GC/MS
DIL. FACTOR: *

ND = not detected at detection limit

SAMPLE ID RPD SAMPLE # 05 FRACTIONS: A
Date & Time Collected not specified Category QC

CN_TOT	0	S_FID	1.0
	%		%

SAMPLE ID RPD 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)	1.9 %	0.0200	106-93-4
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	2.3 %	0.0200	96-12-8

NOTES AND DEFINITIONS FOR THIS REPORT
DATE RUN..... 03/16/96
INSTRUMENT..... HP-2
UNITS..... ug/L
ND = NOT DETECTED AT DETECTION LIMITS

SAMPLE ID RPD FRACTION 05A TEST CODE 615 NAME CHLORINATED HERBICIDES
Date & Time Collected not specified Category QC

EPA METHOD 615 - CHLORINATED HERBICIDES

	RESULT	LIMIT
2,4-DB	11 %	0.500
2,4-D	0 %	0.500
2,4,5-T	8.0 %	0.500
Silvex (2,4,5-TP)	7.2 %	0.500
Dinoseb (DNBP)	*	0.500
Dalapon	*	0.500
Dicamba	6.6 %	0.500
Dichlorprop	*	0.500
MCPA	4.9 %	5000
MCPP	2.8 %	5000

Notes and Definitions for this Report:

EXTRACTED: 03/15/96
DATE RUN: 03/22/96
ANALYST: IL
INSTRUMENT: HP-2
DIL. FACTOR: 1

ND = not detected at detection limit

SAMPLE ID RPD FRACTION 05A TEST CODE 8080 NAME PESTICIDES/PCB
Date & Time Collected not specified Category QC

EPA 8080 - ORGANOCHLORINE PESTICIDES & PCB's

	RESULT	DETEC. LIMIT		RESULT	DETEC. LIMIT
Alpha-BHC	-	-	Aroclor 1016	-	-
Gamma-BHC (Lindane)	6%	-	Aroclor 1221	-	-
Beta-BHC	-	-	Aroclor 1232	-	-
Heptachlor	7%	-	Aroclor 1242	-	-
Delta-BHC	-	-	Aroclor 1248	-	-
Aldrin	11%	-	Aroclor 1254	-	-
Heptachlor Epoxide	-	-	Aroclor 1260	-	-
Endosulfan I	-	-			
4,4'-DDE	-	-			
Dieldrin	4%	-			
Endrin	13%	-			
4,4'-DDD	-	-			
Endosulfan II	-	-			
4,4'-DDT	5%	-			
Endrin Aldehyde	-	-			
Endosulfan Sulfate	-	-			
Chlordane	-	-			
Toxaphene	-	-			
Methoxychlor	-	-			

Notes and Definitions for this Report:

EXTRACTED: 03/19/96
DATE RUN: 03/22/96
ANALYST: HB
INSTRUMENT: GC
DIL. FACTOR: *1
UNITS: %

ND = not detected at detection limit

SAMPLE ID RPD FRACTION 05A TEST CODE 8141 NAME ORGANOPHOSPHORUS PESTICIDE
Date & Time Collected not specified Category QC

EPA 8141 - ORGANOPHOSPHORUS PESTICIDES

		DETECTION
Azinphos methyl	-	-T
Bolstar	-	-
Chlorpyrifos	-	-
Coumaphos	-	-
Demeton-o	1%	-
Demeton-s	-	-
Diazinon	2%	-
Dichlorovos	7%	-
Dimethoate	-	-
Disulfoton	3%	-
EPN	-	-
Ethoprop	-	-
Fensulfothion	-	-
Fenthion	-	-
Malathion	-	-
Merphos	-	-
Mevinphos	-	-
Naled	-	-
Parathion	-	-
Methyl parathion	14%	-
Phorate	-	-
Ronnel	-	-
Sulfotep	-	-
Tetrachlorvinphos	-	-
TEPP	-	-
Tokuthion	-	-
Trichloronate	4%	-

Surrogates	% Recovery	Surrogate Limits
1,3-DMNB	60	40 - 120

Notes and Definitions for this Report:

EXTRACTED: 03/19/96
DATE RUN: 03/22/96
ANALYST: HB
INSTRUMENT: GC
DIL. FACTOR: *1
UNITS: %

ND = not detected at detection limit

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

EPA 8260A PURGEABLE ORGANICS

	RESULT	LIMIT		RESULT	LIMIT
Acetone	-	-			
Acetonitrile	-	-	Ethylbenzene	-	-
Acrolein	-	-	Ethyl methacrylate	-	-
Acrylonitrile	-	-	2-Hexanone	-	-
Ally chloride	-	-	Isobutyl alcohol	-	-
Benzene	12%	-	Methacrylonitrile	-	-
Bromochloromethane	-	-	Methyl bromide	-	-
Bromodichloromethane	-	-	Methyl chloride	-	-
Bromoform	-	-	Methylene bromide	-	-
Carbon disulfide	-	-	Methylene chloride	-	-
Carbon tetrachloride	-	-	Methyl ethyl ketone	-	-
Chlorobenzene	11%	-	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	11%	-
Dichlorodifluoromethane	-	-	1,1,1-Trichloroethane	-	-
1,1-Dichloroethane	-	-	1,1,2-Trichloroethane	-	-
1,2-Dichloroethane	-	-	Trichloroethene	11%	-
1,1-Dichloroethene	11%	-	Trichlorofluoromethane	-	-
cis-1,2-Dichloroethene	-	-	1,2,3-Trichloropropane	-	-
trans-1,2-Dichloroethene	-	-	Vinyl acetate	-	-
1,2-Dichloropropane	-	-	Vinyl chloride	-	-
1,3-Dichloropropane	-	-	Total xylenes	-	-
2,2-Dichloropropane	-	-	1,2-Dibromo3-chloropropane	-	-
1,1-Dichlorpropene	-	-	1,2-Dibromomethane	-	-
cis-1,3-Dichloropropene	-	-			
trans-1,3-Dichloropropene	-	-			

Surrogates	% Recovery	Surrogate Limits
Dibromofluoromethane	114	86 - 118
Toluene-d8	100	88 - 110
Bromofluorobenzene	110	86 - 115

Notes and Definitions for this Report:

DATE RUN: 03/22/96
ANALYST: C
INSTRUMENT: HP-G
DIL. FACTOR: *1
COMMENTS: RPD
UNITS: %

ND = not detected at detection limit

SAMPLE ID RPD 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
Acenaphthene	7%	-	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	8%	-
Benzo(b)fluoranthene	-	-	2,6-Dinitrotoluene	-	-
Benzo(k)fluoranthene	-	-	Di-n-octyl phthalate	-	-
Benzo(g,h,i)perylene	-	-	Diphenylamine	-	-
Benzo(a)pyrene	-	-	Disulfoton	-	-
Benzyl alcohol	-	-	Ethyl methanesufonate	-	-
Bis(2-chloroethoxy)methane	-	-	Famphur (Famophos)	-	-
Bis(2-chloroethyl)ether	-	-	Fluoranthene	-	-
Bis(2-chloromethylethyl)ether	-	-	Fluorene	-	-
Bis(2-ethylhexyl)phthalate	-	-	Heptachlor	-	-
4-Bromophenyl phenyl ether	-	-	Hexachlorobutadiene	-	-
Butyl benzyl phthalate	-	-	Hexachlorocyclopentadiene	-	-
p-Chloroaniline	-	-	Hexachloroethane	-	-
Chlorobenzilate	-	-	Hexachloropropene	-	-
4-Chloro-3-methylphenol	5%	-	Indeno(1,2,3-cd)pyrene	-	-
2-Chloronaphthalene	-	-	Isodrin	-	-
2-Chlorophenol	9%	-	Isophorone	-	-
4-Chlorophenyl phenyl ether	-	-	Isosafrole	-	-
Chrysene	-	-	Kepone	-	-
o-Cresol(2-Methylphenol)	-	-	Methapyrilene	-	-
m-Cresol(3-Methylphenol)	-	-	3-Methylchlolanthrene	-	-
p-Cresol(4-Methylphenol)	-	-	Methyl methanesulfonate	-	-
Diallate (total)	-	-	2-Methylnaphthalene	-	-
Dibenz(a,h)anthracene	-	-	Methyl parathion	-	-
Dibenzofuran	-	-	Naphthalene	-	-
Di-n-butyl phthalate	-	-	1,4-Naphthoquinone	-	-
1,2-Dichlorobenzene	-	-	1-Naphthylamine	-	-
1,3-Dichlorobenzene	-	-	2-Naphthylamine	-	-
1,4-Dichlorobenzene	15%	-	2-Nitroaniline	-	-
3,3'-Dichlorobenzidine	-	-	3-Nitroaniline	-	-
2,4-Dichlorophenol	-	-	4-Nitroaniline	-	-
2,6-Dichlorophenol	-	-	Nitrobenzene	-	-
Diethyl phthalate	-	-	2-Nitrophenol	-	-
O,O-Diethyl O-2-pyrazinyl			4-Nitrophenol	2%	-
phoshporoethoate	-	-	n-Nitrosodi-n-butylamine	-	-
Dimethoate	-	-	n-Nitrosodiethylamine	-	-
p-(Dimethylamino)azobenzene	-	-	n-Nitrosodimethylamine	-	-
7,12-Dimethylbenz(a)anthracene	-	-	n-Nitrosodiphenylamine	-	-

CONTINUED ON FOLLOWING PAGE

SAMPLE ID RPD 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	13%	-	1,2,4-Trichlorobenzene	8%	-
n-Nitrosomethylethylamine	-	-	2,4,5-Trichlorophenol	-	-
n-Nitrosopiperidine	-	-	2,4,6-Trichlorophenol	-	-
n-Nitrosopyrrolidine	-	-	Triethyl phosphorothioate	-	-
5-Nitro-o-toluidine	-	-	1,3,5-Trinitrobenzene	-	-
Parathion (Parathion ethyl)	-	-	Aldrin	-	-
PCB's (Total)	-	-	Alpha-BHC	-	-
Pentachlorobenzene	-	-	Beta-BHC	-	-
Pentachloronitrobenzene	-	-	Delta-BHC	-	-
Pentachlorophenol	13%	-	Gamma-BHC (Lindane)	-	-
Phenacetin	-	-	4,4'-DDT	-	-
Phenanthrene	-	-	4,4'-DDD	-	-
Phenol	10%	-	4,4'-DDE	-	-
p-Phenylenediamine	-	-	Dieldrin	-	-
Phorate	-	-	Endosulfan I	-	-
Pronamide	-	-	Endosulfan II	-	-
Pyrene	10%	-	Endosulfan Sulfate	-	-
Safrole	-	-	Endrin	-	-
1,2,4,5-Tetrachlorobenzene	-	-	Endrin aldehyde	-	-
2,3,4,6-Tetrachlorophenol	-	-	Heptachlor epoxide	-	-
o-Toluidine	-	-	Hexachlorobenzene	-	-
Toxaphene	-	-	Methoxychlor	-	-

Surrogates	% Recovery	Surrogate Limits
2-Fluorophenol	86	21 - 110
Phenol-d5	87	10 - 110
2-Chlorphenol-d4	85	33 - 110
1,2-Dichlorobenzene-d4	71	16 - 110
Nitrobenzene-d5	90	35 - 114
2-Fluorobiphenyl	95	43 - 116
2,4,6-Tribromphenol	88	10 - 123
Terphenyl-d14	66	33 - 141

Notes and Definitions for this Report:

UNITS: %
EXTRACTED: 03/16/96
DATE RUN: 03/22/96
ANALYST: HB
INSTRUMENT: GC/MS
DIL. FACTOR: *1

ND = not detected at detection limit

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

TEST CODE 615 NAME CHLORINATED HERBICIDES

EPA METHOD 615: The Determination of Chlorinated Herbicides in Municipal and Industrial Wastewater.

REFERENCE: METHODS FOR THE DETERMINATION OF NONCONVENTIONAL PESTICIDES IN MUNICIPAL AND INDUSTRIAL WASTEWATER, VOL 1, EPA-821-R-93-1010-A, AUGUST 1993, REV 1, US EPA.

TEST CODE 8080 NAME PESTICIDES/PCB

EPA Method: 8080, Oganochlorine Pesticides and PCB's

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

TEST CODE 8141 NAME ORGANOPHOSPHORUS PESTICIDE

Method not available.

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.

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

REFERENCE:

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

TEST CODE PB NAME LEAD

STORET CODE: 900212
EPA METHOD 239.2

TEST CODE S FID NAME SULFIDE

Method not available.