



PASCO COUNTY, FLORIDA

4051C 00030
WACS 45799

2nd SEMI-ANNUAL 1998 RRF GWMR
Part I

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

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

12 October 1998

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

RE: Resource Recovery
Groundwater Monitoring

Dear Ms. Amram,

Enclosed please find the analytical results for the parameters listed in 62-701.510(8)(a) and (d) conducted on groundwater monitoring wells 2MW-13D, 4MW-11D, 4MW-12D, 4MW-14D, 4MW-15D, and 4MW-16D at the Resource Recovery Class I Landfill site. This analysis was conducted in compliance with Part 38 (b) of the Permit for this facility. Groundwater monitoring well 4MW-14D was resampled for iron and found, upon resampling, to be in compliance with the secondary drinking water standard. Well 4MW-15D initially exceeded the MCL for mercury and was subsequently resampled. Upon resampling this well was found to be in compliance for this analyte. Both resample reports are included for your records.

Also included in this submittal are the well construction summary reports and a site surveyed map showing the locations of these new wells. Omitted from this submittal are the results for pesticides and PCB's. These wells were resampled for these parameters after the contract laboratory notified me of exceeded holding times. I have not yet received the results from the contract laboratory. I have included the chain of custody indicating the resampling event and upon receipt of results will immediately forward them to the Department. Finally, all associated QA/QC data has been included in this submittal.

If you have any questions or comments please don't hesitate to contact me.

Sincerely,

Candia E. Mulhern
Laboratory Manager

cc: Chongman Lee, FDEP, Waste Management Section, Twin Towers Building, 2600 Blair Stone Road,
Tallahassee, Florida 32399-2400

Douglas S. Bramlett, Assistant County Administrator (Utilities Services)
Robert J. Sigmond, Utilities Fiscal Services/Special Projects Director
Vincent Mannella, Solid Waste Facility Manager

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OCT 15 1998

Solid Waste Section

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

Florida Department of Environmental Protection

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

GROUND WATER MONITORING REPORT

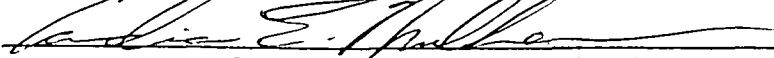
Rule 62-522.600(11)

PART I GENERAL INFORMATION

- (1) Facility Name Resource Recovery - West Pasco Class I Landfill
 Address Hays Road
 City Hudson, Florida Zip 34610
 Telephone Number () _____
- (2) The GMS Identification Number 4051C00030
- (3) DEP Permit Number PA87-23
- (4) Authorized Representative Name Candia E. Mulhern
 Address 8864 Government Drive
 City New Port Richey, Florida Zip 34654
 Telephone Number (813) 847-8902
- (5) Type of Discharge Landfill
- (6) Method of Discharge Unknown

Certification

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

Date: 25 Apr '98 
 Signature of Owner or Authorized Representative

PART II QUALITY ASSURANCE REQUIREMENTS

Sample Organization Comp QAP # _____

Analytical Lab Comp QAP #/HRS Certification # 870167 G/7 54237, E44123
 *Comp QAP #/HRS Certification # 870202 G Potable BTL #1-86173 & 86418 Env. 86035

Lab Name Pasco County Environmental Laboratory

Address 8864 Government Drive, New Port Richey, FL 34654

Phone Number (813) 847-8902

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4MW 11D
RESOURCE RECOVERY

Florida Department of Environmental Protection
Twin Towers Office Bldg. 2600 Blair Stone Road Tallahassee, Florida 32399-2400

GROUND WATER MONITORING REPORT

Rule 62-522.600(11)

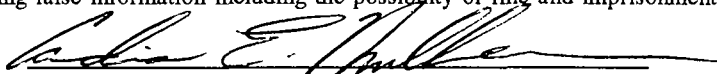
PART I - GENERAL INFORMATION

- (1) Facility Name: Resource Recovery - Class I Landfill
Address: _____
City, State, Zip: _____
Telephone Number: _____
- (2) The GMS Identification Number: _____
- (3) DEP Permit Number: _____
- (4) Authorized Representative Name: _____
Address: _____
City, State, Zip: _____
Telephone Number: _____
- (5) Type of Discharge: _____
- (6) Method of Discharge: _____

Certification

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

Date: 25 AUG '98


Signature of Owner or Authorized Representative

PART II - QUALITY ASSURANCE REQUIREMENTS

Sample Organization Comp QAP #

Analytical Lab Comp QAP #/HRS Certification #910150/E86278: 860214/E87143

 Comp QAP #/HRS Certification #

Lab Name: BROWARD TESTING LABORATORY

Address: 4416 NE 11th AVE. FT.LAUDERDALE, FL 33334

Phone Number: (440) 449-2525

WELL CONSTRUCTION SUMMARY REPORT

Facility West Pasco Class I Landfill
 EPA Identification Number _____
 Well Identification 2 MW13D
 Date(s) of Installation 1/22/98
 Well Driller's Complete Name David Kirby
 Well Driller's License Number 9176
 Latitude 2 8 2 2 2 7 2 0 Longitude 8 2 3 3 3 8 7 0
 D D M M S S S S D D M M S S S S
 Elevation Surface 49.12 Elevation TOC 52.39
 Surveyor's Name _____ Surveyor's License # _____
 Turbidity _____ Date of Reading _____
 Static Water Level (MSL) 39.5 Field Geologist Owen Thornberry

Casing:

Material	Outside Diameter	Inside Diameter	Depth	
			From (ft)	To (ft)
Schedule 40 PVC		2"	0	7.8

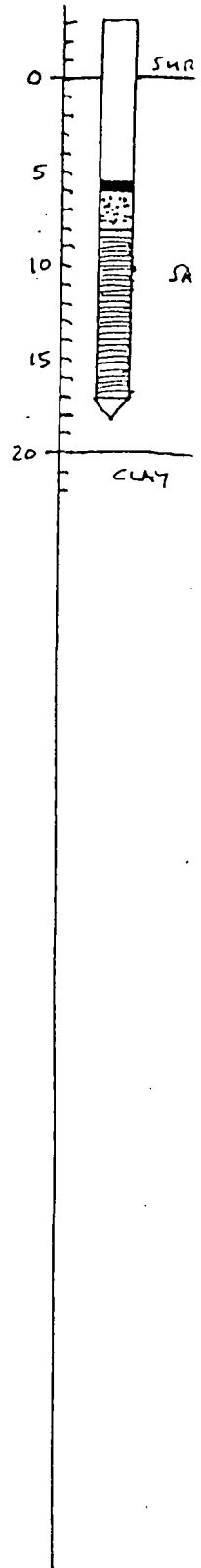
Screen:

Material	Outside Diameter	Inside Diameter	Depth		Slot Size
			From (ft)	To (ft)	
Sch. 40 PVC		2 Inch	7.8	17.3	0.010"

Annulus:

Material Including Additives for sealant	Size of Material	Depth		Installation Method
		From (ft)	To (ft)	
Sand Pack	6/20	6	18	Manual
Fine Sand Seal	20/30	5.5	6	Manual
Portland Cement		0	5.5	Manual

Drilling Method	Bit/Auger	Depth		Drilling Fluids
		From (ft)	To (ft)	
Hollow Stem Auger	10" O/D	0	18	N/A



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Solid Waste Section

SCALE: 1 UNIT = 1

WELL CONSTRUCTION SUMMARY REPORT

Facility West Pasco Class I Landfill
 EPA Identification Number _____
 Well Identification 4MW11D
 Date(s) of Installation 22-28 January 1998
 Well Driller's Complete Name David Kirby
 Well Driller's License Number 9176
 Latitude 282227 50 Longitude 823328 50
 D D M M S S S S D D M M S S S S
 Elevation Surface 61.87 Elevation TOC 65.00
 Surveyor's Name _____ Surveyor's License # _____
 Turbidity _____ Date of Reading _____
 Static Water Level (MSL) 40.1' Field Geologist Owen Thornberry

Casing:

Material	Outside Diameter	Inside Diameter	Depth	
			From (ft)	To (ft)
Sch. 40 PVC		8 Inch	0	27

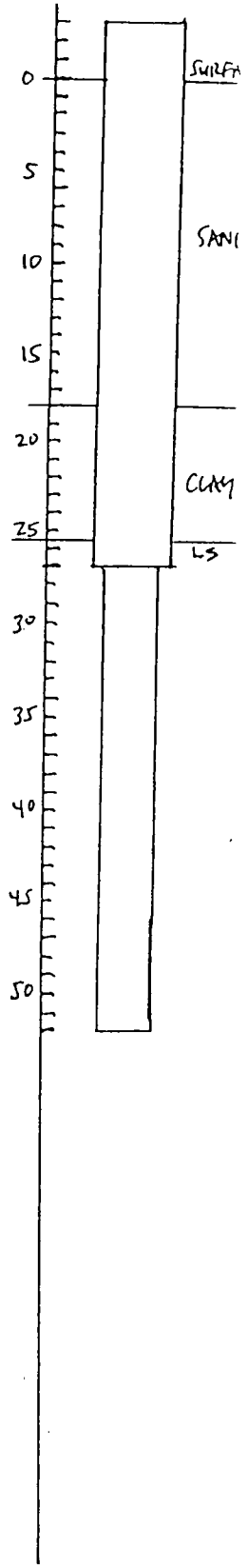
Screen:

Material	Outside Diameter	Inside Diameter	Depth		Slot Size
			From (ft)	To (ft)	
Open Borehole	6 Inch	N/A	27	52	

Annulus:

Material Including Additives for sealant	Size of Material	Depth		Installation Method
		From (ft)	To (ft)	
Portland Cement		0.0	27.0	Pressure Grouting

Drilling Method	Bit/Auger	Depth		Drilling Fluids
		From (ft)	To (ft)	
Mud Rotary		0.0	52.0	Bentonite Slurry



SCALE: 1 UNIT = 1 FOOT

WELL CONSTRUCTION SUMMARY REPORT

Facility West Pasco Class I Landfill
 EPA Identification Number _____
 Well Identification 4MW12D
 Date(s) of Installation 22-28 January 1998
 Well Driller's Complete Name David Kirby
 Well Driller's License Number 9176
 Latitude

2	8	2	2	2	7
D	D	M	M	S	S

4	0
S	S

 Longitude

8	2	3	3	3	3
D	D	M	M	S	S

9	0
S	S

 Elevation Surface 51.79 Elevation TOC 55.03
 Surveyor's Name _____ Surveyor's License # _____
 Turbidity _____ Date of Reading _____
 Static Water Level (MSL) 39.5' Field Geologist Owen Thornberry

Casing:

Material	Outside Diameter	Inside Diameter	Depth	
			From (ft)	To (ft)
Sch. 40 PVC		8 inch	0	30

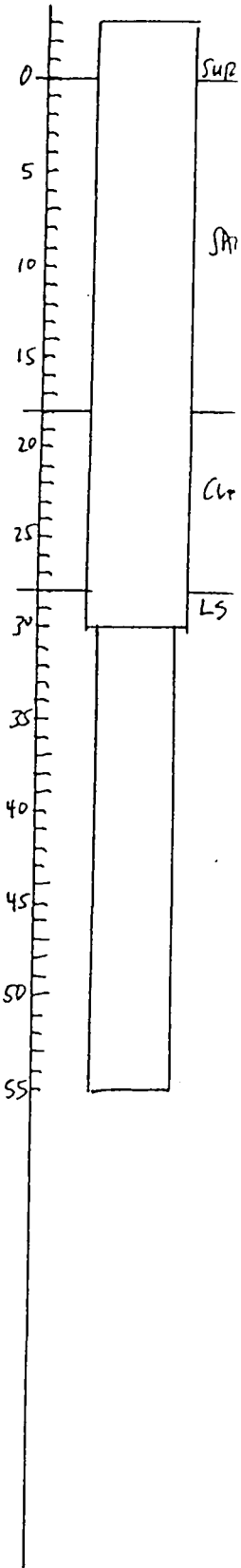
Screen:

Material	Outside Diameter	Inside Diameter	Depth		Slot Size
			From (ft)	To (ft)	
Open Borehole	6 inch		30	55	

Annulus:

Material Including Additives for sealant	Size of Material	Depth		Installation Method
		From (ft)	To (ft)	
Portland Cement		0	30	Pressure Grouting

Drilling Method	Bit/Auger	Depth		Drilling Fluids
		From (ft)	To (ft)	
Mud Rotary		0	55	Bentonite Slurry



SCALE: 1 UNIT = 1 FT

WELL CONSTRUCTION SUMMARY REPORT

Facility West Pasco Class I Landfill
 EPA Identification Number _____
 Well Identification 4MW14D
 Date(s) of Installation 22-28 January 1998
 Well Driller's Complete Name David Kirby
 Well Driller's License Number 9176

Latitude

2	8	2	2	2	2
---	---	---	---	---	---

8	0
---	---

 Longitude

8	2	3	3	3	9
---	---	---	---	---	---

0	0'
---	----

 D D M M S S S S D D M M S S S S

Elevation Surface 48.99' Elevation TOC 52.00'
 Surveyor's Name _____ Surveyor's License # _____
 Turbidity _____ Date of Reading _____
 Static Water Level (MSL) 39.8' Field Geologist Owen Thornberry

Casing:

Material	Outside Diameter	Inside Diameter	Depth	
			From (ft)	To (ft)
Sch. 40 PVC		8 inch	0	25

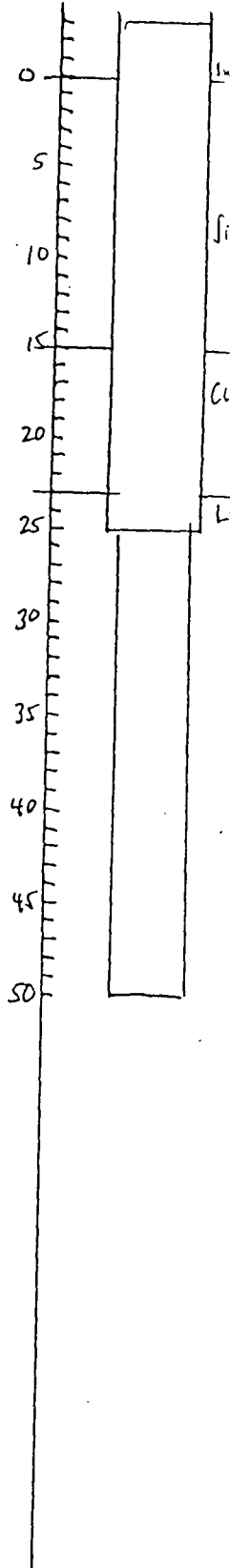
Screen:

Material	Outside Diameter	Inside Diameter	Depth		Slot Size
			From (ft)	To (ft)	
Open Borehole	6 inch		25	50	

Annulus:

Material Including Additives for sealant	Size of Material	Depth		Installation Method
		From (ft)	To (ft)	
Portland Cement		0	25	Pressure Grouting

Drilling Method	Bit/Auger	Depth		Drilling Fluids
		From (ft)	To (ft)	
Mud Rotary		0	50	Bentonite Slurry



SCALE: 1 UNIT = 1 FOOT

WELL CONSTRUCTION SUMMARY REPORT

Facility West Pasco Class I Landfill
 EPA Identification Number _____
 Well Identification 4MW15D
 Date(s) of Installation 22-28 January 1998
 Well Driller's Complete Name David Kirby
 Well Driller's License Number 9176
 Latitude

2	8	2	2	1	8
---	---	---	---	---	---

5	0
---	---

 Longitude

8	2	3	3	3	8
---	---	---	---	---	---

5	0
---	---

 D D M M S S S S D D M M S S S S
 Elevation Surface 51.69 Elevation TOC 54.53
 Surveyor's Name _____ Surveyor's License # _____
 Turbidity _____ Date of Reading _____
 Static Water Level (MSL) 40.5' Field Geologist Owen Thornberry

Casing:

Material	Outside Diameter	Inside Diameter	Depth	
			From (ft)	To (ft)
Sch. 40 PVC		8 inch	0	36

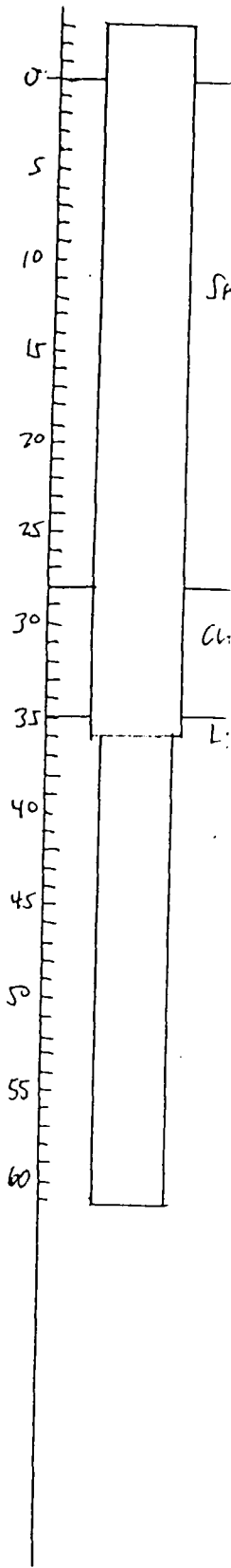
Screen:

Material	Outside Diameter	Inside Diameter	Depth		Slot Size
			From (ft)	To (ft)	
Open Borehole	6 inch		36	61	

Annulus:

Material Including Additives for sealant	Size of Material	Depth		Installation Method
		From (ft)	To (ft)	
Portland Cement		0	36	Pressure Grouting

Drilling Method	Bit/Auger	Depth		Drilling Fluids
		From (ft)	To (ft)	
Mud Rotary		0	61	Bentonite Slurry



Scale: 1 unit = 1 foot

WELL CONSTRUCTION SUMMARY REPORT

Facility West Pasco Class I Landfill
 EPA Identification Number _____
 Well Identification 4MW16
 Date(s) of Installation 22-28 January 1998
 Well Driller's Complete Name David Kirby
 Well Driller's License Number 9176
 Latitude 282218 30 Longitude 823326 10'
 D D M M S S S S D D M M S S S S
 Elevation Surface 48.63 Elevation TOC 52.47
 Surveyor's Name _____ Surveyor's License # _____
 Turbidity _____ Date of Reading _____
 Static Water Level (MSL) 41.1' Field Geologist Owen Thornberry

Casing:

Material	Outside Diameter	Inside Diameter	Depth	
			From (ft)	To (ft)
Sch. 40 PVC		8 inch	0	16

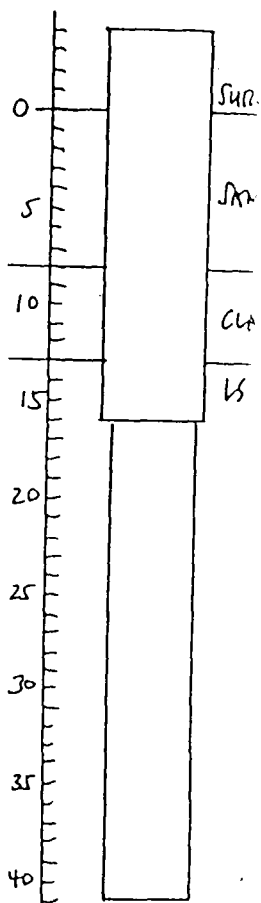
Screen:

Material	Outside Diameter	Inside Diameter	Depth		Slot Size
			From (ft)	To (ft)	
Open Borehole	6 inch		16	41	

Annulus:

Material Including Additives for sealant	Size of Material	Depth		Installation Method
		From (ft)	To (ft)	
Portland Cement		0	16	Pressure Grouting

Drilling Method	Bit/Auger	Depth		Drilling Fluids
		From (ft)	To (ft)	
Mud Rotary		0	41	Bentonite Slurry

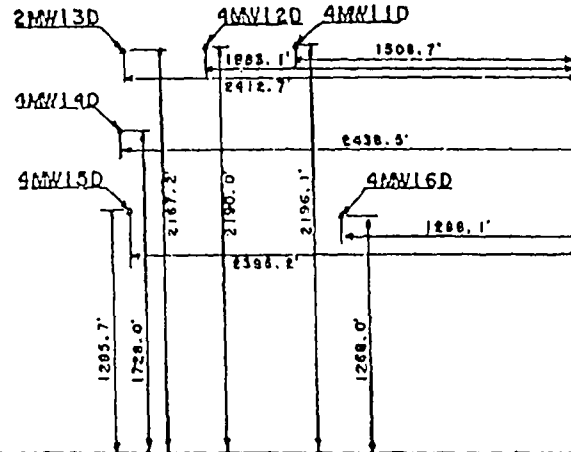
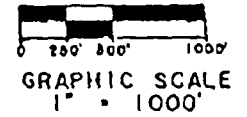


Scale: 1 unit = 1 foot

SECTIONS 24, 25 AND 26, TOWNSHIP 24 SOUTH, RANGE 17 EAST.

LOCATION OF GROUNDWATER
MONITORING WELLS
AT THE
RESOURCE RECOVERY PLANT
CELLS A-1 AND A-2

SHADY HILLS ROAD



NOTES

1. See F.B.541, pages 9-13.
2. Elevations refer to N.G.V.D. 1927.
3. Benchmark used: Pasco County B.M.#227-030, 60d nail, edge of road, 1050' S. of Leachate Pumping Sta. Elevation 53.32
4. Latitude and Longitude are based on N.G.S. Markers F16-057 and G15-038.
5. Datum is NAD 83 Adjustment of 1990.

HAYS ROAD

WELL NO.	NORTH LATITUDE	WEST LONGITUDE	TOP OF CASING	GROUND ELEV.
4MW11D	28°22'27.5"	82°33'28.5"	65.00'	61.87'
4MW12D	28°22'27.4"	82°33'33.9"	55.03'	51.79'
2MW13D	28°22'27.2"	82°33'38.7"	52.39'	49.12'
4MW14D	28°22'22.8"	82°33'39.0"	52.00'	48.99'
4MW15D	28°22'18.5"	82°33'38.5"	54.53'	51.69'
4MW16D	28°22'18.3"	82°33'26.1"	52.47'	48.63'



CHAIN OF CUSTODY RECORD

106 COASTAL WAY • JUPITER, FL 33477
TEL: (561) 575-2477 • FAX: (561) 575-2497

WORK ORDER # : _____

DUE DATE : _____

COMPANY <u>PASCO COUNTY UTILITIES LAB</u> ADDRESS <u>8864 GOV'T DRIVE</u> <u>NEW PORT RICHEY FL 34654</u> PHONE # (127) <u>847-8902</u> FAX () _____ P.O. # _____ PROJECT MANAGER <u>CANDIA MULHERN</u> PROJECT ID/LOCATION <u>RESOURCE RECOVERY</u>		SAMPLE TYPE 1. WASTEWATER 2. SOIL/SEDIMENT 3. SLUDGE 4. OIL 5. DRINKING WATER 6. WATER (GWMW/SW) 7. TISSUE 8. OTHER (SPECIFY)	CONTAINER TYPE P - PLASTIC G - GLASS V - VOA	ANALYSES											
---	--	--	--	-----------------	--	--	--	--	--	--	--	--	--	--	--

SAMPLE IDENTIFICATION	SAMPLE TYPE	CONTAINER			SAMPLING		PRESERVATIVE	PESTICIDES												COMMENTS					
		SIZE	TYPE	#	DATE	TIME																			
4mw 16	6	L	G	2	8-24-98	1015A	✓																		
4mw 15 D	6	L	G	2	"	1100A	✓																		
4mw 14 D	6	L	G	2	"	1145A	✓																		
2mw 13 D	6	L	G	2	"	1200P	✓																		
4mw 12 D	6	L	G	2	"	1245P	✓																		
4mw 11 D	6	L	G	2	"	1400	✓																		

X SAMPLED BY <u>CC</u> RELINQUISHED BY: RELINQUISHED BY: METHOD OF SHIPMENT	DATE <u>08-24-98</u> TIME: - - - DATE - - - TIME: - - - DATE - - - TIME: - - -	X RECEIVED BY: <u>MRS</u> RECEIVED BY: RECEIVED FOR LAB BY: COOLER TEMPERATURE	DATE <u>08-24-98</u> TIME: <u>1445</u> DATE - - - TIME: - - - DATE - - - TIME: - - -
--	---	---	---

SPECIAL INSTRUCTIONS:

RUSH BUSINESS DAY TURN AROUND

ROUTINE

Sample disposal information

Are there any other known or suspected contaminants in these samples other than those listed above?

Yes ___ No ___ If Yes, 1st Known _____

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030 Sampling Date/Time: 6/17/98 @ 1410
 Test Site ID #: _____ Report Period: 1998 / Semester I
 (year/quarter)
 Well Name: 2MW-13D Well Purged (Y/N): YES
 Classification of Groundwater: Surficial Well Type: () Background
 () Intermediate
 () Compliance
 () Other
 Groundwater Elevation (NGVD): _____
 or (MSL): 35.54 *7713*

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000929	Sodium	Wel Wiz. Ded. Mon. System	No	SM 3111B	06/18/98 1600	6.91 mg/L	0.01 mg/L
001045	Iron	"	"	SM 3111B	06/22/98 0940	0.13 mg/L	0.02 mg/L
071900	Mercury	"	"	SM 3112B	06/22/98 1430	0.0003 mg/L	0.0002 mg/L
000400	pH-Field	"	"	SM 4500H+B	06/17/98 1410	5.25 Std. Units	0.01 Std. Units
000010	Temperature (Field)	"	"	SM 2550B	06/17/98 1410	26.90 °C	0 °C
000095	Specific Cond. (Field)	"	"	SM 2510B	06/17/98 1410	110 µmhos/cm	0.0 µmhos/cm
000344	D.O. (Field)	"	"	SM 45000G	06/17/98 1410	1.90 mg/L	0.0 mg/L
082079	Turbidity	"	"	SM 2130B	06/17/98 1505	10.28 NTU	0.01 NTU
000940	Chloride	"	"	SM 4500Cl-B	06/22/98 1100	12.1 mg/L	0.15 mg/L
070300	Total Dis. Solids	"	"	SM 2540C	06/18/98 1600	85 mg/L	1 mg/L
000610	Ammonia	"	"	SM 4500NH ₃ H	06/23/98 1230	<u>0.04</u> mg/L	0.03 mg/L
000620	Nitrate	"	"	SM 4500NO ₃ F	06/19/98 1600	2.43 mg/L	0.11 mg/L
072020	Water Level (MSL)	"	"	"	06/17/98 1200	35.54 Feet	Feet
900216	Color	"	"	SM 2120B	06/24/98 1530	30 PCU	0.0 PCU

*Attach Laboratory Reports

PART III - ANALYTICAL RESULTS

Facility GMS #: _____

Sampling Date/Time: 06/17/98 @ 14:10

Test Site ID #: _____

Report Period: _____
(Year/Quarter)

WELL NAME: 2MW 13D

Well Type: () Background

Classification of Ground Water: _____

() Intermediate

Ground Water Elevation (NGVD): _____

() Compliance

or (MSL): _____

() Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units (mg/l)	Detection Limits/ Units (mg/l)
00010	Temperature (field)					degree,C	
00400	pH (field)					Std. Units	Std. Units
	Water Level Elev.					Ft. NGVD	Ft. NGVD
00094	Specific Cond. (field)					µmhos/cm	µmhos/cm
01097	Antimony			EPA 200.7	06/23/98	<0.005	0.005
01002	Arsenic			EPA 200.7	06/23/98	<0.005	0.005
01007	Barium			EPA 200.7	06/23/98	0.015	0.005
01012	Beryllium			EPA 200.7	06/23/98	<0.005	0.005
01027	Cadmium			EPA 200.7	06/23/98	<0.005	0.005
01034	Chromium			EPA 200.7	06/23/98	<0.005	0.005
01037	Cobalt			EPA 200.7	06/23/98	<0.005	0.005
01042	Copper			EPA 200.7	06/23/98	<0.005	0.005
01051	Lead			EPA 200.7	06/23/98	<0.005	0.005
01067	Nickel			EPA 200.7	06/23/98	<0.005	0.005
01147	Selenium			EPA 200.7	06/23/98	<0.005	0.005
01077	Silver			EPA 200.7	06/23/98	<0.005	0.005
01057	Thallium			EPA 200.7	06/23/98	<0.009	0.009
01085	Vanadium			EPA 200.7	06/23/98	<0.005	0.005
71900	Mercury			EPA 245.1	06/19/98	<0.0002	0.0002
01102	Tin			EPA 200.7	06/23/98	<0.300	0.300
01092	Zinc			EPA 200.7	06/23/98	0.082	0.005
00720	Cyanide			EPA 335.2	06/24/98	<0.010	0.010

PART III - ANALYTICAL RESULTS (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units ($\mu\text{g/l}$)	Detection Limits/ Units ($\mu\text{g/l}$)
81552	Acetone			EPA 8260A	06/30/98	< 50.0	50.0
34215	Acrylonitrile			EPA 8260A	06/30/98	< 10.0	10.0
34235	Benzene			EPA 8260A	06/30/98	< 5.00	5.00
N/A	Bromochloromethane			EPA 8260A	06/30/98	< 5.00	5.00
32101	Bromodichloromethane			EPA 8260A	06/30/98	< 5.00	5.00
32104	Bromoform			EPA 8260A	06/30/98	< 5.00	5.00
77041	Carbon disulfide			EPA 8260A	06/30/98	< 5.00	5.00
32102	Carbon tetrachloride			EPA 8260A	06/30/98	< 10.0	10.0
34301	Chlorobenzene			EPA 8260A	06/30/98	< 5.00	5.00
34311	Chloroethane			EPA 8260A	06/30/98	< 10.0	10.0
32106	Chloroform			EPA 8260A	06/30/98	< 5.00	5.00
32105	Dibromochloromethane			EPA 8260A	06/30/98	< 5.00	5.00
38761	1,2-Dibromo-3-chloropropane			EPA 504	06/19/98	< 0.020	0.020
77651	1,2-Dibromoethane			EPA 504	06/19/98	< 0.020	0.020
34537	o-Dichlorobenzene			EPA 8260A	06/30/98	< 5.00	5.00
34571	p-Dichlorobenzene			EPA 8260A	06/30/98	< 5.00	5.00
49263	trans-1,4-Dichloro-2-butene			EPA 8260A	06/30/98	< 50.0	50.0
34496	1,1-Dichloroethane			EPA 8260A	06/30/98	< 5.00	5.00
32103	1,2-Dichloroethane			EPA 8260A	06/30/98	< 5.00	5.00
34502	1,1-Dichloroethene			EPA 8260A	06/30/98	< 5.00	5.00
81686	cis-1,2-Dichloroethene			EPA 8260A	06/30/98	< 5.00	5.00
34546	trans-1,2-Dichloroethene			EPA 8260A	06/30/98	< 5.00	5.00
34541	1,2-Dichloropropane			EPA 8260A	06/30/98	< 5.00	5.00
34704	cis-1,3-Dichloropropene			EPA 8260A	06/30/98	< 5.00	5.00
34699	trans-1,3-Dichloropropene			EPA 8260A	06/30/98	< 5.00	5.00
78113	Ethylbenzene			EPA 8260A	06/30/98	< 5.00	5.00
77103	2-Hexanone			EPA 8260A	06/30/98	< 10.0	10.0
34413	Methyl bromide			EPA 8260A	06/30/98	< 5.00	5.00

PART III - ANALYTICAL RESULTS (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units ($\mu\text{g/l}$)	Detection Limits/ Units ($\mu\text{g/l}$)
34418	Methyl chloride			EPA 8260A	06/30/98	< 5.00	5.00
77596	Methylene bromide			EPA 8260A	06/30/98	< 10.0	10.0
34423	Methylene chloride			EPA 8260A	06/30/98	< 10.0	10.0
81595	Methyl ethyl ketone			EPA 8260A	06/30/98	< 10.0	10.0
49262	Methyl iodide			EPA 8260A	06/30/98	< 10.0	10.0
78133	4-Methyl-2-pentanone			EPA 8260A	06/30/98	< 10.0	10.0
77128	Styrene			EPA 8260A	06/30/98	< 5.00	5.00
77562	1,1,1,2-Tetrachloroethane			EPA 8260A	06/30/98	< 5.00	5.00
34516	1,1,2,2-Tetrachloroethane			EPA 8260A	06/30/98	< 5.00	5.00
34476	Tetrachloroethene			EPA 8260A	06/30/98	< 5.00	5.00
78131	Toluene			EPA 8260A	06/30/98	< 5.00	5.00
34506	1,1,1-Trichloroethane			EPA 8260A	06/30/98	< 5.00	5.00
34511	1,1,2-Trichloroethane			EPA 8260A	06/30/98	< 5.00	5.00
34485	Trichloroethene			EPA 8260A	06/30/98	< 5.00	5.00
34488	Trichlorofluoromethane			EPA 8260A	06/30/98	< 5.00	5.00
77443	1,2,3-Trichloropropane			EPA 8260A	06/30/98	< 5.00	5.00
77057	Vinyl acetate			EPA 8260A	06/30/98	< 5.00	5.00
39175	Vinyl chloride			EPA 8260A	06/30/98	< 5.00	5.00
81551	Xylenes			EPA 8260A	06/30/98	< 5.00	5.00

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units ($\mu\text{g/l}$)	Detection Limits/ Units ($\mu\text{g/l}$)
34205	Acenaphthene			EPA 8270A	07/22/98	< 10.0	10.0
34200	Acenaphthylene			EPA 8270A	07/22/98	< 10.0	10.0
N/A	Acetonitrile			EPA 8260A	07/22/98	< 5.00	5.00
81553	Acetophenone			EPA 8270A	07/22/98	< 10.0	10.0
N/A	2-Acetylaminofluorene			EPA 8270A	07/22/98	< 20.0	20.0
34210	Acrolein			EPA 8260A	06/30/98	< 100	100
39330	Aldrin			EPA 8080		NA	
78109	Allyl chloride			EPA 8260A	06/30/98	< 10.0	10.0
N/A	4-Aminobiphenyl			EPA 8270A	07/22/98	< 20.0	20.0
34220	Anthracene			EPA 8270A	07/22/98	< 10.0	10.0
34527	Benzo(a)anthracene			EPA 8270A	07/22/98	< 10.0	10.0
34230	Benzo(b)fluoranthene			EPA 8270A	07/22/98	< 10.0	10.0
34242	Benzo(k)fluoranthene			EPA 8270A	07/22/98	< 10.0	10.0
34521	Benzo(ghi)perylene			EPA 8270A	07/22/98	< 10.0	10.0
34247	Benzo(a)pyrene			EPA 8270A	07/22/98	< 10.0	10.0
77147	Benzyl alcohol			EPA 8270A	07/22/98	< 20.0	20.0
34253	alpha-BHC			EPA 8080		NA	
34255	beta-BHC			EPA 8080		NA	
34259	delta-BHC			EPA 8080		NA	
39340	gamma-BHC			EPA 8080		NA	
34278	Bis(2-chloroethoxy)methane			EPA 8270A	07/22/98	< 10.0	10.0
34273	Bis(2-chloroethyl)ether			EPA 8270A	07/22/98	< 10.0	10.0
34283	Bis(2-chloroisopropyl)ether			EPA 8270A	07/22/98	< 10.0	10.0
39100	Bis(2-ethylhexyl)phthalate			EPA 8270A	07/22/98	< 10.0	10.0
34636	4-Bromophenyl phenyl ether			EPA 8270A	07/22/98	< 10.0	10.0
51003	Butyl benzyl phthalate			EPA 8270A	07/22/98	< 10.0	10.0
39350	Chlordane			EPA 8080		NA	
60037	p-Chloroaniline			EPA 8270A	07/22/98	< 20.0	20.0
39460	Chlorobenzilate			EPA 8270A	07/22/98	< 10.0	10.0

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units ($\mu\text{g/l}$)	Detection Limits/ Units ($\mu\text{g/l}$)
N/A	4-Chloro-3-methylphenol			EPA 8270A	07/22/98	<20.0	20.0
34581	2-Chloronaphthalene			EPA 8270A	07/22/98	<10.0	10.0
34586	2-Chlorophenol			EPA 8270A	07/22/98	<10.0	10.0
34641	4-Chlorophenyl phenyl ether			EPA 8270A	07/22/98	<10.0	10.0
34320	Chrysene			EPA 8270A	07/22/98	<10.0	10.0
N/A	3-Methylphenol			EPA 8270A	07/22/98	<10.0	10.0
77152	2-Methylphenol			EPA 8270A	07/22/98	<10.0	10.0
N/A	4-Methylphenol			EPA 8270A	07/22/98	<10.0	10.0
39730	2,4-D			EPA 8150		NA	
39360	4,4'-DDD			EPA 8080		NA	
39365	4,4'-DDE			EPA 8080		NA	
39370	4,4'-DDT			EPA 8080		NA	
N/A	Diallate			EPA 8270A	07/22/98	<10.0	10.0
51004	Dibenzo(a,h)anthracene			EPA 8270A	07/22/98	<10.0	10.0
81302	Dibenzofuran			EPA 8270A	07/22/98	<10.0	10.0
39110	Di-n-butyl phthalate			EPA 8270A	07/22/98	<10.0	10.0
34631	3,3'-Dichlorobenzidine			EPA 8270A	07/22/98	<20.0	20.0
34601	2,4-Dichlorophenol			EPA 8270A	07/22/98	<10.0	10.0
77541	2,6-Dichlorophenol			EPA 8270A	07/22/98	<10.0	10.0
39380	Dieldrin			EPA 8080		NA	
34336	Diethyl phthalate			EPA 8270A	07/22/98	<10.0	10.0
N/A	0,0-Diethyl 0,2-pyrazinyl phosphorothioate			EPA 8270A	07/22/98	<10.0	10.0
46314	Dimethoate			EPA 8270A	07/22/98	<10.0	10.0
N/A	p-(Dimethylamino)azobenzene			EPA 8270A	07/22/98	<10.0	10.0
N/A	7,12-Dimethylbenz(a)anthracene			EPA 8270A	07/22/98	<10.0	10.0
N/A	3,3'-Dimethylbenzidine			EPA 8270A	07/22/98	<20.0	20.0
34606	2,4-Dimethylphenol			EPA 8270A	07/22/98	<10.0	10.0
34341	Dimethyl phthalate			EPA 8270A	07/22/98	<10.0	10.0
N/A	m-Dinitrobenzene			EPA 8270A	07/22/98	<10.0	10.0

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units ($\mu\text{g/l}$)	Detection Limits/ Units ($\mu\text{g/l}$)
51008	4,6-Dinitro-o-cresol			EPA 8270A	07/22/98	< 50.0	50.0
34616	2,4-Dinitrophenol			EPA 8270A	07/22/98	< 50.0	50.0
34611	2,4-Dinitrotoluene			EPA 8270A	07/22/98	< 10.0	10.0
34626	2,6-Dinitrotoluene			EPA 8270A	07/22/98	< 10.0	10.0
38779	Dinoseb			EPA 8150		NA	
34596	Di-n-octyl phthalate			EPA 8270A	07/22/98	< 10.0	10.0
77579	Diphenylamine			EPA 8270A	07/22/98	< 10.0	10.0
81888	Disulfoton			EPA 8270A	07/22/98	< 10.0	10.0
34361	Endosulfan I			EPA 8080		NA	
34356	Endosulfan II			EPA 8080		NA	
34351	Endosulfan sulfate			EPA 8080		NA	
39390	Endrin			EPA 8080		NA	
34366	Endrin aldehyde			EPA 8080		NA	
N/A	Ethyl methanesulfonate			EPA 8270A	07/22/98	< 20.0	20.0
38462	Famphur			EPA 8270A	07/22/98	< 20.0	20.0
34376	Fluoranthene			EPA 8270A	07/22/98	< 10.0	10.0
34381	Fluorene			EPA 8270A	07/22/98	< 10.0	10.0
39410	Heptachlor			EPA 8080		NA	
39420	Heptachlor epoxide			EPA 8080		NA	
39700	Hexachlorobenzene			EPA 8270A	07/22/98	< 10.0	10.0
34391	Hexachlorobutadiene			EPA 8270A	07/22/98	< 10.0	10.0
34386	Hexachlorocyclopentadiene			EPA 8270A	07/22/98	< 10.0	10.0
34396	Hexachloroethane			EPA 8270A	07/22/98	< 10.0	10.0
N/A	Hexachloropropene			EPA 8270A	07/22/98	< 10.0	10.0
77033	Isobutyl alcohol			EPA 8260A	06/30/98	< 5.00	5.00
39430	Isodrin			EPA 8270A	07/22/98	< 20.0	20.0
34408	Isophorone			EPA 8270A	07/22/98	< 10.0	10.0
N/A	Isosafrole			EPA 8270A	07/22/98	< 10.0	10.0
81593	Methacrylonitrile			EPA 8260A	06/30/98	< 20.0	20.0

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units ($\mu\text{g/l}$)	Detection Limits/ Units ($\mu\text{g/l}$)
N/A	Methapyrilene			EPA 8270A	07/22/98	<100	100
39480	Methoxychlor			EPA 8080		NA	
N/A	3-Methylcholanthrene			EPA 8270A	07/22/98	<10.0	10.0
81597	Methyl methacrylate			EPA 8260A	06/30/98	<10.0	10.0
N/A	Methyl methanesulfonate			EPA 8270A	07/22/98	<10.0	10.0
77416	2-Methylnaphthalene			EPA 8270A	07/22/98	<10.0	10.0
39600	Methyl parathion			EPA 8270A	07/22/98	<10.0	10.0
34696	Naphthalene			EPA 8270A	07/22/98	<10.0	10.0
N/A	1,4-Naphthoquinone			EPA 8270A	07/22/98	<10.0	10.0
N/A	1-Naphthylamine			EPA 8270A	07/22/98	<10.0	10.0
N/A	2-Naphthylamine			EPA 8270A	07/22/98	<10.0	10.0
N/A	2-Nitroaniline			EPA 8270A	07/22/98	<50.0	50.0
78300	3-Nitroaniline			EPA 8270A	07/22/98	<20.0	20.0
30342	4-Nitroaniline			EPA 8270A	07/22/98	<40.0	40.0
34447	Nitrobenzene			EPA 8270A	07/22/98	<10.0	10.0
34591	2-Nitrophenol			EPA 8270A	07/22/98	<10.0	10.0
34646	4-Nitrophenol			EPA 8270A	07/22/98	<50.0	50.0
N/A	n-Nitrosodi-n-butylamine			EPA 8270A	07/22/98	<10.0	10.0
78200	n-Nitrosodiethylamine			EPA 8270A	07/22/98	<20.0	20.0
34438	n-Nitrosodimethylamine			EPA 8270A	07/22/98	<10.0	10.0
34433	n-Nitrosodiphenylamine			EPA 8270A	07/22/98	<10.0	10.0
34428	n-Nitroso-n-dipropylamine			EPA 8270A	07/22/98	<10.0	10.0
N/A	n-Nitrosomethylethylamine			EPA 8270A	07/22/98	<10.0	10.0
N/A	n-Nitrosopiperidine			EPA 8270A	07/22/98	<10.0	10.0
78206	n-Nitrosopyrrolidine			EPA 8270A	07/22/98	<10.0	10.0
N/A	5-Nitro-o-toluidine			EPA 8270A	07/22/98	<10.0	10.0
39540	Parathion			EPA 8270A	07/22/98	<10.0	10.0
77793	Pentachlorobenzene			EPA 8270A	07/22/98	<10.0	10.0
81316	Pentachloronitrobenzene			EPA 8270A	07/22/98	<10.0	10.0

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	07/22/98	<10.0	10.0
N/A	Phenacetin			EPA 8270A	07/22/98	<10.0	10.0
34461	Phenanthrene			EPA 8270A	07/22/98	<10.0	10.0
32730	Phenol			EPA 8270A	07/22/98	<10.0	10.0
N/A	p-Phenylenediamine			EPA 8270A	07/22/98	<10.0	10.0
46313	Phorate			EPA 8270A	07/22/98	<10.0	10.0
39516	PCBs			EPA 8080		NA	
39080	Pronamide			EPA 8270A	07/22/98	<10.0	10.0
77007	Propionitrile			EPA 8260A	06/30/98	<10.0	10.0
34469	Pyrene			EPA 8270A	07/22/98	<10.0	10.0
77545	Safrole			EPA 8270A	07/22/98	<10.0	10.0
39760	Silvex			EPA 8150		NA	
81520	Chloroprene			EPA 8260A	06/30/98	<50.0	50.0
00746	Sulfide			EPA 376.2	06/19/98	<40.0	40.0
39740	2,4,5-T			EPA 8150		NA	
77734	1,2,4,5-Tetrachlorobenzene			EPA 8270A	07/22/98	<10.0	10.0
N/A	2,3,4,6-Tetrachlorophenol			EPA 8270A	07/22/98	<10.0	10.0
77142	o-Toluidine			EPA 8270A	07/22/98	<10.0	10.0
39400	Toxaphene			EPA 8080		NA	
34551	1,2,4-Trichlorobenzene			EPA 8270A	07/22/98	<10.0	10.0
77687	2,4,5-Trichlorophenol			EPA 8270A	07/22/98	<10.0	10.0
34621	2,4,6-Trichlorophenol			EPA 8270A	07/22/98	<10.0	10.0
N/A	Triethyl phosphorothioate			EPA 8270A	07/22/98	<10.0	10.0
N/A	1,3,5-Trinitrobenzene			EPA 8270A	07/22/98	<10.0	10.0
77173	1,3-Dichloropropane			EPA 8260A	06/30/98	<5.00	5.00
77170	2,2-Dichloropropane			EPA 8260A	06/30/98	<5.00	5.00
77168	1,1-Dichloropropene			EPA 8260A	06/30/98	<5.00	5.00
34566	1,3-Dichlorobenzene			EPA 8260A	06/30/98	<5.00	5.00

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Received: 06/18/98

TOXIKON CORP. REPORT
Results by Sample

Work Order # 98-06-065

SAMPLE ID 2M 13D RESOURCE RECOVERY FRACTION 03A TEST CODE 504 NAME EDB AND DBCP BY GC
Date & Time Collected 06/17/98 14:10:00 Category LIQUID

EPA METHOD 504

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

NOTES AND DEFINITIONS FOR THIS REPORT

DATE RUN..... 06/19/98

INSTRUMENT..... GC

UNITS..... ug/L

ND = NOT DETECTED AT DETECTION LIMITS

SAMPLE ID 244 130 RESOURCE RECOVERY FRACTION 03A TEST CODE 8270A2 NAME A/BN EXTRACTABLES SOIL
 Date & Time Collected 06/17/98 14:10:00 Category LIQUID

EPA METHOD 8270A

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

CONTINUED ON FOLLOWING PAGE

SAMPLE ID 2M 13D RESOURCE RECOVERY FRACTION 03A TEST CODE 8260A2 NAME PURGEABLE ORGANICS VOA
 Date & Time Collected 06/17/98 14:10:00 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-Dichloropropene	ND	5.00	1,2-Dibromomethane	ND	5.00
cis-1,3-Dichloropropene	ND	5.00			
trans-1,3-Dichloropropene	ND	5.00			

Surrogates	% Recovery	Surrogate Limits
Dibromofluoromethane	_____	_____ - _____
Toluene-d8	_____	_____ - _____
Bromofluorobenzene	_____	_____ - _____

Notes and Definitions for this Report:

DATE RUN: 06/30/98
 ANALYST: XL
 INSTRUMENT: _____G
 DIL. FACTOR: 1
 COMMENTS: _____
 UNITS: ug/L

SAMPLE ID ZMW 13D RESOURCE RECOVERY FRACTION 03A TEST CODE 8270A2 NAME A/BM EXTRACTABLES SOIL
Date & Time Collected 06/17/98 14:10:00 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	Hexachlorobenzene	ND	10.0
Pentachlorobenzene	ND	10.0	Dimethoate	ND	10.0
Pentachloronitrobenzene	ND	10.0	Disulfoton	ND	10.0
Pentachlorophenol	ND	10.0	Parathion	ND	10.0
Phenacetin	ND	10.0	Methyl parathion	ND	10.0
Phenanthrene	ND	10.0	Phorate	ND	10.0
Phenol	ND	10.0			
p-Phenylenediamine	ND	10.0			
Phorate	ND	10.0			
Pronamide	ND	10.0			
Pyrene	ND	10.0			
Safrole	ND	10.0			
1,2,4,5-Tetrachlorobenzene	ND	10.0			
2,3,4,6-Tetrachlorophenol	ND	10.0			
o-Toluidine	ND	10.0			

Notes and Definitions for this Report:

UNITS: ug/L
EXTRACTED: 06/23/98
DATE RUN: 07/22/98
ANALYST: PC
INSTRUMENT: F
DIL. FACTOR: 1

ND = not detected at detection limit

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030 Sampling Date/Time: 06/17/98 @ 1200

Test Site ID #: _____ Report Period: 1998 / Semester I
(year/quarter)

Well Name: 4MW-11D Well Purged (Y/N): YES

Classification of Groundwater: Floridan Well Type: () Background

Groundwater Elevation (NGVD): _____ *7708* () Intermediate
() Compliance

or (MSL): 36.50 () Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000929	Sodium	Wel Wiz. Ded. Mon. System	No	SM 3111B	06/18/98 1600	4.17 mg/L	0.01 mg/L
001045	Iron	"	"	SM 3111B	06/22/98 0940	0.22 mg/L	0.02 mg/L
071900	Mercury	"	"	SM 3112B	06/22/98 1430	0.0005 mg/L	0.0002 mg/L
000400	pH-Field	"	"	SM 4500H+B	06/17/98 1200	7.25 Std. Units	0.01 Std. Units
000010	Temperature (Field)	"	"	SM 2550B	06/17/98 1200	26.50 °C	0 °C
000095	Specific Cond. (Field)	"	"	SM 2510B	06/17/98 1200	310 µmhos/cm	0.0 µmhos/cm
000344	D.O. (Field)	"	"	SM 45000G	06/17/98 1200	1.30 mg/L	0.0 mg/L
082079	Turbidity	"	"	SM 2130B	06/17/98 1505	3.80 NTU	0.01 NTU
000940	Chloride	"	"	SM 4500Cl-B	06/22/98 1100	13.2 mg/L	0.15 mg/L
070300	Total Dis. Solids	"	"	SM 2540C	06/18/98 1600	194 mg/L	1 mg/L
000610	Ammonia	"	"	SM 4500NH ₃ H	06/23/98 1230	<i>0.05</i> mg/L	0.03 mg/L
000620	Nitrate	"	"	SM 4500NO ₃ F	06/19/98 1600	<i>0.15</i> mg/L	0.11 mg/L
072020	Water Level (MSL)	"	"	"	06/17/98 1200	36.50 Feet	Feet
900216	Color	"	"	SM 2120B	06/24/98 1530	15 PCU	0.0 PCU

RECEIVED

OCT 15 1998

*Attach Laboratory Reports

Solid Waste Section

PART III,- ANALYTICAL RESULTS

Facility GMS #: _____

Sampling Date/Time: 06/17/98 @ 12:00

Test Site ID #: _____

Report Period: _____
(Year/Quarter)

WELL NAME: 4MW 11D

Well Type: () Background

Classification of Ground Water: _____

() Intermediate

Ground Water Elevation (NGVD): _____

() Compliance

or (MSL): _____

() Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units (mg/l)	Detection Limits/ Units (mg/l)
00010	Temperature (field)					degree,C	
00400	pH (field)					Std. Units	Std. Units
	Water Level Elev.					Ft. NGVD	Ft. NGVD
00094	Specific Cond. (field)					µmhos/cm	µmhos/cm
01097	Antimony			EPA 200.7	06/23/98	<0.005	0.005
01002	Arsenic			EPA 200.7	06/23/98	<0.005	0.005
01007	Barium			EPA 200.7	06/23/98	0.011	0.005
01012	Beryllium			EPA 200.7	06/23/98	<0.005	0.005
01027	Cadmium			EPA 200.7	06/23/98	<0.005	0.005
01034	Chromium			EPA 200.7	06/23/98	<0.005	0.005
01037	Cobalt			EPA 200.7	06/23/98	<0.005	0.005
01042	Copper			EPA 200.7	06/23/98	<0.005	0.005
01051	Lead			EPA 200.7	06/23/98	<0.005	0.005
01067	Nickel			EPA 200.7	06/23/98	<0.005	0.005
01147	Selenium			EPA 200.7	06/23/98	<0.005	0.005
01077	Silver			EPA 200.7	06/23/98	<0.005	0.005
01057	Thallium			EPA 200.7	06/23/98	<0.009	0.009
01085	Vanadium			EPA 200.7	06/23/98	<0.005	0.005
71900	Mercury			EPA 245.1	06/19/98	<0.0002	0.0002
01102	Tin			EPA 200.7	06/23/98	<0.300	0.300
01092	Zinc			EPA 200.7	06/23/98	0.019	0.005
00720	Cyanide			EPA 335.2	06/24/98	<0.010	0.010

PART III - ANALYTICAL RESULTS (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units ($\mu\text{g/l}$)	Detection Limits/ Units ($\mu\text{g/l}$)
81552	Acetone			EPA 8260A	06/30/98	< 50.0	50.0
34215	Acrylonitrile			EPA 8260A	06/30/98	< 10.0	10.0
34235	Benzene			EPA 8260A	06/30/98	< 5.00	5.00
N/A	Bromochloromethane			EPA 8260A	06/30/98	< 5.00	5.00
32101	Bromodichloromethane			EPA 8260A	06/30/98	< 5.00	5.00
32104	Bromoform			EPA 8260A	06/30/98	< 5.00	5.00
77041	Carbon disulfide			EPA 8260A	06/30/98	< 5.00	5.00
32102	Carbon tetrachloride			EPA 8260A	06/30/98	< 10.0	10.0
34301	Chlorobenzene			EPA 8260A	06/30/98	< 5.00	5.00
34311	Chloroethane			EPA 8260A	06/30/98	< 10.0	10.0
32106	Chloroform			EPA 8260A	06/30/98	< 5.00	5.00
32105	Dibromochloromethane			EPA 8260A	06/30/98	< 5.00	5.00
38761	1,2-Dibromo-3-chloropropane			EPA 504	06/19/98	< 0.020	0.020
77651	1,2-Dibromoethane			EPA 504	06/19/98	< 0.020	0.020
34537	o-Dichlorobenzene			EPA 8260A	06/30/98	< 5.00	5.00
34571	p-Dichlorobenzene			EPA 8260A	06/30/98	< 5.00	5.00
49263	trans-1,4-Dichloro-2-butene			EPA 8260A	06/30/98	< 50.0	50.0
34496	1,1-Dichloroethane			EPA 8260A	06/30/98	< 5.00	5.00
32103	1,2-Dichloroethane			EPA 8260A	06/30/98	< 5.00	5.00
34502	1,1-Dichloroethene			EPA 8260A	06/30/98	< 5.00	5.00
81686	cis-1,2-Dichloroethene			EPA 8260A	06/30/98	< 5.00	5.00
34546	trans-1,2-Dichloroethene			EPA 8260A	06/30/98	< 5.00	5.00
34541	1,2-Dichloropropane			EPA 8260A	06/30/98	< 5.00	5.00
34704	cis-1,3-Dichloropropene			EPA 8260A	06/30/98	< 5.00	5.00
34699	trans-1,3-Dichloropropene			EPA 8260A	06/30/98	< 5.00	5.00
78113	Ethylbenzene			EPA 8260A	06/30/98	< 5.00	5.00
77103	2-Hexanone			EPA 8260A	06/30/98	< 10.0	10.0
34413	Methyl bromide			EPA 8260A	06/30/98	< 5.00	5.00

PART III - ANALYTICAL RESULTS (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units ($\mu\text{g/l}$)	Detection Limits/ Units ($\mu\text{g/l}$)
34418	Methyl chloride			EPA 8260A	06/30/98	< 5.00	5.00
77596	Methylene bromide			EPA 8260A	06/30/98	< 10.0	10.0
34423	Methylene chloride			EPA 8260A	06/30/98	< 10.0	10.0
81595	Methyl ethyl ketone			EPA 8260A	06/30/98	< 10.0	10.0
49262	Methyl iodide			EPA 8260A	06/30/98	< 10.0	10.0
78133	4-Methyl-2-pentanone			EPA 8260A	06/30/98	< 10.0	10.0
77128	Styrene			EPA 8260A	06/30/98	< 5.00	5.00
77562	1,1,1,2-Tetrachloroethane			EPA 8260A	06/30/98	< 5.00	5.00
34516	1,1,2,2-Tetrachloroethane			EPA 8260A	06/30/98	< 5.00	5.00
34476	Tetrachloroethene			EPA 8260A	06/30/98	< 5.00	5.00
78131	Toluene			EPA 8260A	06/30/98	< 5.00	5.00
34506	1,1,1-Trichloroethane			EPA 8260A	06/30/98	< 5.00	5.00
34511	1,1,2-Trichloroethane			EPA 8260A	06/30/98	< 5.00	5.00
34485	Trichloroethene			EPA 8260A	06/30/98	< 5.00	5.00
34488	Trichlorofluoromethane			EPA 8260A	06/30/98	< 5.00	5.00
77443	1,2,3-Trichloropropane			EPA 8260A	06/30/98	< 5.00	5.00
77057	Vinyl acetate			EPA 8260A	06/30/98	< 5.00	5.00
39175	Vinyl chloride			EPA 8260A	06/30/98	< 5.00	5.00
81551	Xylenes			EPA 8260A	06/30/98	< 5.00	5.00

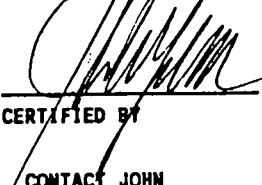
Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units ($\mu\text{g/l}$)	Detection Limits/ Units ($\mu\text{g/l}$)
34205	Acenaphthene			EPA 8270A	07/22/98	< 10.0	10.0
34200	Acenaphthylene			EPA 8270A	07/22/98	< 10.0	10.0
N/A	Acetonitrile			EPA 8260A	07/22/98	< 5.00	5.00
81553	Acetophenone			EPA 8270A	07/22/98	< 10.0	10.0
N/A	2-Acetylaminofluorene			EPA 8270A	07/22/98	< 20.0	20.0
34210	Acrolein			EPA 8260A	06/30/98	< 100	100
39330	Aldrin			EPA 8080		NA	
78109	Allyl chloride			EPA 8260A	06/30/98	< 10.0	10.0
N/A	4-Aminobiphenyl			EPA 8270A	07/22/98	< 20.0	20.0
34220	Anthracene			EPA 8270A	07/22/98	< 10.0	10.0
34527	Benzo(a)anthracene			EPA 8270A	07/22/98	< 10.0	10.0
34230	Benzo(b)fluoranthene			EPA 8270A	07/22/98	< 10.0	10.0
34242	Benzo(k)fluoranthene			EPA 8270A	07/22/98	< 10.0	10.0
34521	Benzo(ghi)perylene			EPA 8270A	07/22/98	< 10.0	10.0
34247	Benzo(a)pyrene			EPA 8270A	07/22/98	< 10.0	10.0
77147	Benzyl alcohol			EPA 8270A	07/22/98	< 20.0	20.0
34253	alpha-BHC			EPA 8080		NA	
34255	beta-BHC			EPA 8080		NA	
34259	delta-BHC			EPA 8080		NA	
39340	gamma-BHC			EPA 8080		NA	
34278	Bis(2-chloroethoxy)methane			EPA 8270A	07/22/98	< 10.0	10.0
34273	Bis(2-chloroethyl)ether			EPA 8270A	07/22/98	< 10.0	10.0
34283	Bis(2-chloroisopropyl)ether			EPA 8270A	07/22/98	< 10.0	10.0
39100	Bis(2-ethylhexyl)phthalate			EPA 8270A	07/22/98	< 10.0	10.0
34636	4-Bromophenyl phenyl ether			EPA 8270A	07/22/98	< 10.0	10.0
51003	Butyl benzyl phthalate			EPA 8270A	07/22/98	< 10.0	10.0
39350	Chlordane			EPA 8080		NA	
60037	p-Chloroaniline			EPA 8270A	07/22/98	< 20.0	20.0
39460	Chlorobenzilate			EPA 8270A	07/22/98	< 10.0	10.0

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	07/22/98	<20.0	20.0
34581	2-Chloronaphthalene			EPA 8270A	07/22/98	<10.0	10.0
34586	2-Chlorophenol			EPA 8270A	07/22/98	<10.0	10.0
34641	4-Chlorophenyl phenyl ether			EPA 8270A	07/22/98	<10.0	10.0
34320	Chrysene			EPA 8270A	07/22/98	<10.0	10.0
N/A	3-Methylphenol			EPA 8270A	07/22/98	<10.0	10.0
77152	2-Methylphenol			EPA 8270A	07/22/98	<10.0	10.0
N/A	4-Methylphenol			EPA 8270A	07/22/98	<10.0	10.0
39730	2,4-D			EPA 8150		NA	
39360	4,4'-DDD			EPA 8080		NA	
39365	4,4'-DDE			EPA 8080		NA	
39370	4,4'-DDT			EPA 8080		NA	
N/A	Diallate			EPA 8270A	07/22/98	<10.0	10.0
51004	Dibenzo(a,h)anthracene			EPA 8270A	07/22/98	<10.0	10.0
81302	Dibenzofuran			EPA 8270A	07/22/98	<10.0	10.0
39110	Di-n-butyl phthalate			EPA 8270A	07/22/98	<10.0	10.0
34631	3,3'-Dichlorobenzidine			EPA 8270A	07/22/98	<20.0	20.0
34601	2,4-Dichlorophenol			EPA 8270A	07/22/98	<10.0	10.0
77541	2,6-Dichlorophenol			EPA 8270A	07/22/98	<10.0	10.0
39380	Dieldrin			EPA 8080		NA	
34336	Diethyl phthalate			EPA 8270A	07/22/98	<10.0	10.0
N/A	0,0-Diethyl 0,2-pyrazinyl phosphorothioate			EPA 8270A	07/22/98	<10.0	10.0
46314	Dimethoate			EPA 8270A	07/22/98	<10.0	10.0
N/A	p-(Dimethylamino)azobenzene			EPA 8270A	07/22/98	<10.0	10.0
N/A	7,12-Dimethylbenz(a)anthracene			EPA 8270A	07/22/98	<10.0	10.0
N/A	3,3'-Dimethylbenzidine			EPA 8270A	07/22/98	<20.0	20.0
34606	2,4-Dimethylphenol			EPA 8270A	07/22/98	<10.0	10.0
34341	Dimethyl phthalate			EPA 8270A	07/22/98	<10.0	10.0
N/A	m-Dinitrobenzene			EPA 8270A	07/22/98	<10.0	10.0

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	07/22/98	< 50.0	50.0
34616	2,4-Dinitrophenol			EPA 8270A	07/22/98	< 50.0	50.0
34611	2,4-Dinitrotoluene			EPA 8270A	07/22/98	< 10.0	10.0
34626	2,6-Dinitrotoluene			EPA 8270A	07/22/98	< 10.0	10.0
38779	Dinoseb			EPA 8150		NA	
34596	Di-n-octyl phthalate			EPA 8270A	07/22/98	< 10.0	10.0
77579	Diphenylamine			EPA 8270A	07/22/98	< 10.0	10.0
81888	Disulfoton			EPA 8270A	07/22/98	< 10.0	10.0
34361	Endosulfan I			EPA 8080		NA	
34356	Endosulfan II			EPA 8080		NA	
34351	Endosulfan sulfate			EPA 8080		NA	
39390	Endrin			EPA 8080		NA	
34366	Endrin aldehyde			EPA 8080		NA	
N/A	Ethyl methanesulfonate			EPA 8270A	07/22/98	< 20.0	20.0
38462	Famphur			EPA 8270A	07/22/98	< 20.0	20.0
34376	Fluoranthene			EPA 8270A	07/22/98	< 10.0	10.0
34381	Fluorene			EPA 8270A	07/22/98	< 10.0	10.0
39410	Heptachlor			EPA 8080		NA	
39420	Heptachlor epoxide			EPA 8080		NA	
39700	Hexachlorobenzene			EPA 8270A	07/22/98	< 10.0	10.0
34391	Hexachlorobutadiene			EPA 8270A	07/22/98	< 10.0	10.0
34386	Hexachlorocyclopentadiene			EPA 8270A	07/22/98	< 10.0	10.0
34396	Hexachloroethane			EPA 8270A	07/22/98	< 10.0	10.0
N/A	Hexachloropropene			EPA 8270A	07/22/98	< 10.0	10.0
77033	Isobutyl alcohol			EPA 8260A	06/30/98	< 5.00	5.00
39430	Isodrin			EPA 8270A	07/22/98	< 20.0	20.0
34408	Isophorone			EPA 8270A	07/22/98	< 10.0	10.0
N/A	Isosafrole			EPA 8270A	07/22/98	< 10.0	10.0
81593	Methacrylonitrile			EPA 8260A	06/30/98	< 20.0	20.0

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units ($\mu\text{g/l}$)	Detection Limits/ Units ($\mu\text{g/l}$)
N/A	Methapyrilene			EPA 8270A	07/22/98	<100	100
39480	Methoxychlor			EPA 8080		NA	
N/A	3-Methylcholanthrene			EPA 8270A	07/22/98	<10.0	10.0
81597	Methyl methacrylate			EPA 8260A	06/30/98	<10.0	10.0
N/A	Methyl methanesulfonate			EPA 8270A	07/22/98	<10.0	10.0
77416	2-Methylnaphthalene			EPA 8270A	07/22/98	<10.0	10.0
39600	Methyl parathion			EPA 8270A	07/22/98	<10.0	10.0
34696	Naphthalene			EPA 8270A	07/22/98	<10.0	10.0
N/A	1,4-Naphthoquinone			EPA 8270A	07/22/98	<10.0	10.0
N/A	1-Naphthylamine			EPA 8270A	07/22/98	<10.0	10.0
N/A	2-Naphthylamine			EPA 8270A	07/22/98	<10.0	10.0
N/A	2-Nitroaniline			EPA 8270A	07/22/98	<50.0	50.0
78300	3-Nitroaniline			EPA 8270A	07/22/98	<20.0	20.0
30342	4-Nitroaniline			EPA 8270A	07/22/98	<40.0	40.0
34447	Nitrobenzene			EPA 8270A	07/22/98	<10.0	10.0
34591	2-Nitrophenol			EPA 8270A	07/22/98	<10.0	10.0
34646	4-Nitrophenol			EPA 8270A	07/22/98	<50.0	50.0
N/A	n-Nitrosodi-n-butylamine			EPA 8270A	07/22/98	<10.0	10.0
78200	n-Nitrosodiethylamine			EPA 8270A	07/22/98	<20.0	20.0
34438	n-Nitrosodimethylamine			EPA 8270A	07/22/98	<10.0	10.0
34433	n-Nitrosodiphenylamine			EPA 8270A	07/22/98	<10.0	10.0
34428	n-Nitroso-n-dipropylamine			EPA 8270A	07/22/98	<10.0	10.0
N/A	n-Nitrosomethylethylamine			EPA 8270A	07/22/98	<10.0	10.0
N/A	n-Nitrosopiperidine			EPA 8270A	07/22/98	<10.0	10.0
78206	n-Nitrosopyrrolidine			EPA 8270A	07/22/98	<10.0	10.0
N/A	5-Nitro-o-toluidine			EPA 8270A	07/22/98	<10.0	10.0
39540	Parathion			EPA 8270A	07/22/98	<10.0	10.0
77793	Pentachlorobenzene			EPA 8270A	07/22/98	<10.0	10.0
81316	Pentachloronitrobenzene			EPA 8270A	07/22/98	<10.0	10.0

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	07/22/98	<10.0	10.0
N/A	Phenacetin			EPA 8270A	07/22/98	<10.0	10.0
34461	Phenanthrene			EPA 8270A	07/22/98	<10.0	10.0
32730	Phenol			EPA 8270A	07/22/98	<10.0	10.0
N/A	p-Phenylenediamine			EPA 8270A	07/22/98	<10.0	10.0
46313	Phorate			EPA 8270A	07/22/98	<10.0	10.0
39516	PCBs			EPA 8080		NA	
39080	Pronamide			EPA 8270A	07/22/98	<10.0	10.0
77007	Propionitrile			EPA 8260A	06/30/98	<10.0	10.0
34469	Pyrene			EPA 8270A	07/22/98	<10.0	10.0
77545	Safrole			EPA 8270A	07/22/98	<10.0	10.0
39760	Silvex			EPA 8150		NA	
81520	Chloroprene			EPA 8260A	06/30/98	<50.0	50.0
00746	Sulfide			EPA 376.2	06/19/98	<40.0	40.0
39740	2,4,5-T			EPA 8150		NA	
77734	1,2,4,5-Tetrachlorobenzene			EPA 8270A	07/22/98	<10.0	10.0
N/A	2,3,4,6-Tetrachlorophenol			EPA 8270A	07/22/98	<10.0	10.0
77142	o-Toluidine			EPA 8270A	07/22/98	<10.0	10.0
39400	Toxaphene			EPA 8080		NA	
34551	1,2,4-Trichlorobenzene			EPA 8270A	07/22/98	<10.0	10.0
77687	2,4,5-Trichlorophenol			EPA 8270A	07/22/98	<10.0	10.0
34621	2,4,6-Trichlorophenol			EPA 8270A	07/22/98	<10.0	10.0
N/A	Triethyl phosphorothioate			EPA 8270A	07/22/98	<10.0	10.0
N/A	1,3,5-Trinitrobenzene			EPA 8270A	07/22/98	<10.0	10.0
77173	1,3-Dichloropropane			EPA 8260A	06/30/98	<5.00	5.00
77170	2,2-Dichloropropane			EPA 8260A	06/30/98	<5.00	5.00
77168	1,1-Dichloropropene			EPA 8260A	06/30/98	<5.00	5.00
34566	1,3-Dichlorobenzene			EPA 8260A	06/30/98	<5.00	5.00

REPORT NATIONAL TESTING LABORATORY PREPARED TOXIKOM CORPORATION
TO 6555 WILSON MILLS ROAD BY 106 COASTAL WAY
CLEVELAND, OHIO 44143 JUPITER, FL 33477
1(800)458-3330 F(216)449-8585 QA# 910150G CERTIFIED BY 
ATTEN SUSAN HENDERSON 440- ATTEN JOHN YAREMCHUK CONTACT JOHN
PHONE (561) 575-2477 FAX 575-2497

CLIENT NTL SAMPLES 4
COMPANY NATIONAL TESTING LABORATORY HRS # E86278, E87143, 86396, 87394
FACILITY 6555 WILSON MILLS ROAD
CLEVELAND, OHIO 44143

WORK ID PASCO-RESOURCE RECOVERY
TAKEN 06/17/98
TRANS U.P.S.
TYPE LIQUID
P.O. # _____
INVOICE under separate cover

SAMPLE IDENTIFICATION

TEST CODES and NAMES used on this workorder

<u>01 4MW 11D RESOURCE RECOVERY</u>	<u>504</u>	<u>EDB AND DBCP BY GC</u>
<u>02 4MW 12D RESOURCE RECOVERY</u>	<u>8260A2</u>	<u>PURGEABLE ORGANICS VOA</u>
<u>03 2MW 13D RESOURCE RECOVERY</u>	<u>8270A2</u>	<u>A/BN EXTRACTABLES SOIL</u>
<u>04 4MW 16 RESOURCE RECOVERY</u>	<u>AG</u>	<u>SILVER</u>
	<u>AS</u>	<u>ARSENIC</u>
	<u>BA</u>	<u>BARIUM</u>
	<u>BE</u>	<u>BERYLLIUM</u>
	<u>CD</u>	<u>CADMIUM</u>
	<u>CN TOT</u>	<u>CYANIDE TOTAL</u>
	<u>CO</u>	<u>COBALT</u>
	<u>CR</u>	<u>CHROMIUM</u>
	<u>CU</u>	<u>COPPER</u>
	<u>HG</u>	<u>MERCURY</u>
	<u>NI</u>	<u>NICKEL</u>
	<u>PB</u>	<u>LEAD</u>
	<u>PHENOL</u>	<u>PHENOL</u>
	<u>SB</u>	<u>ANTIMONY</u>
	<u>SE</u>	<u>SELENIUM</u>
	<u>SN</u>	<u>TIN</u>
	<u>S FID</u>	<u>SULFIDE</u>
	<u>TL</u>	<u>THALLIUM</u>
	<u>V</u>	<u>VANADIUM</u>
	<u>ZN</u>	<u>Zinc</u>

Received: 06/18/98

Results by Sample

SAMPLE ID		4MW 11D RESOURCE RECOVERY		SAMPLE # 01		FRACTIONS: A	
Date & Time Collected 06/17/98 12:00:00 Category LIQUID							
AG	ND	AS	ND	BA	0.011	BE	ND
mg/L	DL=0.005	mg/L	DL=0.005	mg/L	DL=0.005	mg/L	DL=0.005
6/23/98BED		6/23/98BED		6/23/98BED		6/23/98BED	
CO	ND	CR	ND	CU	ND	NI	ND
mg/L	DL=0.005	mg/L	DL=0.005	mg/L	DL=0.005	mg/L	DL=0.005
6/23/98BED		6/23/98BED		6/23/98BED		6/23/98BED	6/24/98MO
PHENOL	ND	SB	ND	SE	ND	SN	6/19/98JH
mg/L	DL=0.010	mg/L	DL=0.005	mg/L	DL=0.005	mg/L	DL=0.300
6/25/98MO		6/23/98BED		6/23/98BED		6/23/98BED	6/23/98BED
V	ND	ZN	0.019			6/19/98JH	6/23/98BED
mg/L	DL=0.005	mg/L	DL=0.005				
6/23/98BED		6/23/98BED					

SAMPLE ID 4MW 11D RESOURCE RECOVERY FRACTION 01A TEST CODE 504 NAME EDB AND DBCP BY GC
Date & Time Collected 06/17/98 12:00:00 Category LIQUID

EPA METHOD 504

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

NOTES AND DEFINITIONS FOR THIS REPORT

DATE RUN..... 06/19/98

INSTRUMENT..... GC

UNITS..... ug/L

ND = NOT DETECTED AT DETECTION LIMITS

SAMPLE ID 4MW 11D RESOURCE RECOVERY FRACTION 01A TEST CODE 8260A2 NAME PURGEABLE ORGANICS VOA
 Date & Time Collected 06/17/98 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-Trichloropropene	ND	5.00
trans-1,2-Dichloroethene	ND	5.00	Vinyl acetate	ND	5.00
1,2-Dichloropropane	ND	5.00	Vinyl chloride	ND	5.00
1,3-Dichloropropane	ND	5.00	Total xylenes	ND	5.00
2,2-Dichloropropane	ND	5.00	1,2-Dibromo3-chloropropane	ND	5.00
1,1-Dichloropropene	ND	5.00	1,2-Dibromomethane	ND	5.00
cis-1,3-Dichloropropene	ND	5.00			
trans-1,3-Dichloropropene	ND	5.00			

Surrogates	% Recovery	Surrogate Limits
Dibromofluoromethane	_____	_____ - _____
Toluene-d8	_____	_____ - _____
Bromofluorobenzene	_____	_____ - _____

Notes and Definitions for this Report:

DATE RUN: 06/30/98
 ANALYST: XL
 INSTRUMENT: G
 DIL. FACTOR: 1
 COMMENTS: _____
 UNITS: ug/L

Received: 06/18/98

Results by Sample

SAMPLE ID 4MW 11D RESOURCE RECOVERY FRACTION 01A TEST CODE 8270A2 NAME A/BM EXTRACTABLES SOIL
 Date & Time Collected 06/17/98 12:00:00 Category LIQUID

EPA METHOD 8270A

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

CONTINUED ON FOLLOWING PAGE

SAMPLE ID 4MW 11D RESOURCE RECOVERY FRACTION 01A TEST CODE 8270A2 NAME A/BW EXTRACTABLES SOIL
Date & Time Collected 06/17/98 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	Hexachlorobenzene	ND	10.0
Pentachlorobenzene	ND	10.0	Dimethoate	ND	10.0
Pentachloronitrobenzene	ND	10.0	Disulfoton	ND	10.0
Pentachlorophenol	ND	10.0	Parathion	ND	10.0
Phenacetin	ND	10.0	Methyl parathion	ND	10.0
Phenanthrene	ND	10.0	Phorate	ND	10.0
Phenol	ND	10.0			
p-Phenylenediamine	ND	10.0			
Phorate	ND	10.0			
Pronamide	ND	10.0			
Pyrene	ND	10.0			
Safrole	ND	10.0			
1,2,4,5-Tetrachlorobenzene	ND	10.0			
2,3,4,6-Tetrachlorophenol	ND	10.0			
o-Toluidine	ND	10.0			

Notes and Definitions for this Report:

UNITS: ug/L
EXTRACTED: 06/23/98
DATE RUN: 07/22/98
ANALYST: PC
INSTRUMENT: F
DIL. FACTOR: 1

ND = not detected at detection limit

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030 Sampling Date/Time: 06/17/98 @ 1345
 Test Site ID #: _____ Report Period: 1998 / Semester I
 (year/quarter)
 Well Name: 4MW-12D Well Purged (Y/N): YES
 Classification of Groundwater: Floridan Well Type: () Background
 () Intermediate
 Groundwater Elevation (NGVD): _____ () Compliance
 or (MSL): 35.53 () Other

7709

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000929	Sodium	Wel Wiz. Ded. Mon. System	No	SM 3111B	06/18/98 1600	4.40 mg/L	0.01 mg/L
001045	Iron	"	"	SM 3111B	06/22/98 0940	0.09 mg/L	0.02 mg/L
071900	Mercury	"	"	SM 3112B	06/22/98 1430	0.0007 mg/L	0.0002 mg/L
000400	pH-Field	"	"	SM 4500H+B	06/17/98 1345	6.91 Std. Units	0.01 Std. Units
000010	Temperature (Field)	"	"	SM 2550B	06/17/98 1345	26.00 °C	0 °C
000095	Specific Cond. (Field)	"	"	SM 2510B	06/17/98 1345	365 μmhos/cm	0.0 μmhos/cm
000344	D.O. (Field)	"	"	SM 45000G	06/17/98 1345	0.90 mg/L	0.0 mg/L
082079	Turbidity	"	"	SM 2130B	06/17/98 1505	1.29 NTU	0.01 NTU
000940	Chloride	"	"	SM 4500Cl-B	06/22/98 1100	15.2 mg/L	0.15 mg/L
070300	Total Dis. Solids	"	"	SM 2540C	06/18/98 1600	240 mg/L	1 mg/L
000610	Ammonia	"	"	SM 4500NH ₃ H	06/23/98 1230	0.03 mg/L	0.03 mg/L
000620	Nitrate	"	"	SM 4500NO ₃ F	06/19/98 1600	<0.11 mg/L	0.11 mg/L
072020	Water Level (MSL)	"	"	"	06/17/98 1345	35.53 Feet	Feet
900216	Color	"	"	SM 2120B	06/24/98 1530	20 PCU	0.0 PCU

RECEIVED

OCT 15 1998

*Attach Laboratory Reports

Water Quality Section

PART III - ANALYTICAL RESULTS

Facility GMS #: _____

Sampling Date/Time: 06/17/98 @ 13:45

Test Site ID #: _____

Report Period: _____
(Year/Quarter)

WELL NAME: 4MW 12D

Well Type: () Background

Classification of Ground Water: _____

() Intermediate

Ground Water Elevation (NGVD): _____

() Compliance

or (MSL): _____

() Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units (mg/l)	Detection Limits/ Units (mg/l)
00010	Temperature (field)					degree,C	
00400	pH (field)					Std.Units	Std.Units
	Water Level Elev.					Ft. NGVD	Ft. NGVD
00094	Specific Cond. (field)					µmhos/cm	µmhos/cm
01097	Antimony			EPA 200.7	06/23/98	<0.005	0.005
01002	Arsenic			EPA 200.7	06/23/98	<0.005	0.005
01007	Barium			EPA 200.7	06/23/98	0.010	0.005
01012	Beryllium			EPA 200.7	06/23/98	<0.005	0.005
01027	Cadmium			EPA 200.7	06/23/98	<0.005	0.005
01034	Chromium			EPA 200.7	06/23/98	<0.005	0.005
01037	Cobalt			EPA 200.7	06/23/98	<0.005	0.005
01042	Copper			EPA 200.7	06/23/98	<0.005	0.005
01051	Lead			EPA 200.7	06/23/98	<0.005	0.005
01067	Nickel			EPA 200.7	06/23/98	<0.005	0.005
01147	Selenium			EPA 200.7	06/23/98	<0.005	0.005
01077	Silver			EPA 200.7	06/23/98	<0.005	0.005
01057	Thallium			EPA 200.7	06/23/98	<0.009	0.009
01085	Vanadium			EPA 200.7	06/23/98	<0.005	0.005
71900	Mercury			EPA 245.1	06/19/98	<0.0002	0.0002
01102	Tin			EPA 200.7	06/23/98	<0.300	0.300
01092	Zinc			EPA 200.7	06/23/98	0.019	0.005
00720	Cyanide			EPA 335.2	06/24/98	<0.010	0.010

PART III - ANALYTICAL RESULTS (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units ($\mu\text{g/l}$)	Detection Limits/ Units ($\mu\text{g/l}$)
81552	Acetone			EPA 8260A	06/30/98	< 50.0	50.0
34215	Acrylonitrile			EPA 8260A	06/30/98	< 10.0	10.0
34235	Benzene			EPA 8260A	06/30/98	< 5.00	5.00
N/A	Bromochloromethane			EPA 8260A	06/30/98	< 5.00	5.00
32101	Bromodichloromethane			EPA 8260A	06/30/98	< 5.00	5.00
32104	Bromoform			EPA 8260A	06/30/98	< 5.00	5.00
77041	Carbon disulfide			EPA 8260A	06/30/98	< 5.00	5.00
32102	Carbon tetrachloride			EPA 8260A	06/30/98	< 10.0	10.0
34301	Chlorobenzene			EPA 8260A	06/30/98	< 5.00	5.00
34311	Chloroethane			EPA 8260A	06/30/98	< 10.0	10.0
32106	Chloroform			EPA 8260A	06/30/98	< 5.00	5.00
32105	Dibromochloromethane			EPA 8260A	06/30/98	< 5.00	5.00
38761	1,2-Dibromo-3-chloropropane			EPA 504	06/19/98	< 0.020	0.020
77651	1,2-Dibromoethane			EPA 504	06/19/98	< 0.020	0.020
34537	o-Dichlorobenzene			EPA 8260A	06/30/98	< 5.00	5.00
34571	p-Dichlorobenzene			EPA 8260A	06/30/98	< 5.00	5.00
49263	trans-1,4-Dichloro-2-butene			EPA 8260A	06/30/98	< 50.0	50.0
34496	1,1-Dichloroethane			EPA 8260A	06/30/98	< 5.00	5.00
32103	1,2-Dichloroethane			EPA 8260A	06/30/98	< 5.00	5.00
34502	1,1-Dichloroethene			EPA 8260A	06/30/98	< 5.00	5.00
81686	cis-1,2-Dichloroethene			EPA 8260A	06/30/98	< 5.00	5.00
34546	trans-1,2-Dichloroethene			EPA 8260A	06/30/98	< 5.00	5.00
34541	1,2-Dichloropropane			EPA 8260A	06/30/98	< 5.00	5.00
34704	cis-1,3-Dichloropropene			EPA 8260A	06/30/98	< 5.00	5.00
34699	trans-1,3-Dichloropropene			EPA 8260A	06/30/98	< 5.00	5.00
78113	Ethylbenzene			EPA 8260A	06/30/98	< 5.00	5.00
77103	2-Hexanone			EPA 8260A	06/30/98	< 10.0	10.0
34413	Methyl bromide			EPA 8260A	06/30/98	< 5.00	5.00

PART III - ANALYTICAL RESULTS (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units ($\mu\text{g/l}$)	Detection Limits/ Units ($\mu\text{g/l}$)
34418	Methyl chloride			EPA 8260A	06/30/98	< 5.00	5.00
77596	Methylene bromide			EPA 8260A	06/30/98	< 10.0	10.0
34423	Methylene chloride			EPA 8260A	06/30/98	< 10.0	10.0
81595	Methyl ethyl ketone			EPA 8260A	06/30/98	< 10.0	10.0
49262	Methyl iodide			EPA 8260A	06/30/98	< 10.0	10.0
78133	4-Methyl-2-pentanone			EPA 8260A	06/30/98	< 10.0	10.0
77128	Styrene			EPA 8260A	06/30/98	< 5.00	5.00
77562	1,1,1,2-Tetrachloroethane			EPA 8260A	06/30/98	< 5.00	5.00
34516	1,1,1,2-Tetrachloroethane			EPA 8260A	06/30/98	< 5.00	5.00
34476	Tetrachloroethene			EPA 8260A	06/30/98	< 5.00	5.00
78131	Toluene			EPA 8260A	06/30/98	< 5.00	5.00
34506	1,1,1-Trichloroethane			EPA 8260A	06/30/98	< 5.00	5.00
34511	1,1,2-Trichloroethane			EPA 8260A	06/30/98	< 5.00	5.00
34485	Trichloroethene			EPA 8260A	06/30/98	< 5.00	5.00
34488	Trichlorofluoromethane			EPA 8260A	06/30/98	< 5.00	5.00
77443	1,2,3-Trichloropropane			EPA 8260A	06/30/98	< 5.00	5.00
77057	Vinyl acetate			EPA 8260A	06/30/98	< 5.00	5.00
39175	Vinyl chloride			EPA 8260A	06/30/98	< 5.00	5.00
81551	Xylenes			EPA 8260A	06/30/98	< 5.00	5.00

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	07/22/98	< 10.0	10.0
34200	Acenaphthylene			EPA 8270A	07/22/98	< 10.0	10.0
N/A	Acetonitrile			EPA 8260A	07/22/98	< 5.00	5.00
81553	Acetophenone			EPA 8270A	07/22/98	< 10.0	10.0
N/A	2-Acetylaminofluorene			EPA 8270A	07/22/98	< 20.0	20.0
34210	Acrolein			EPA 8260A	06/30/98	< 100	100
39330	Aldrin			EPA 8080		NA	
78109	Allyl chloride			EPA 8260A	06/30/98	< 10.0	10.0
N/A	4-Aminobiphenyl			EPA 8270A	07/22/98	< 20.0	20.0
34220	Anthracene			EPA 8270A	07/22/98	< 10.0	10.0
34527	Benzo(a)anthracene			EPA 8270A	07/22/98	< 10.0	10.0
34230	Benzo(b)fluoranthene			EPA 8270A	07/22/98	< 10.0	10.0
34242	Benzo(k)fluoranthene			EPA 8270A	07/22/98	< 10.0	10.0
34521	Benzo(ghi)perylene			EPA 8270A	07/22/98	< 10.0	10.0
34247	Benzo(a)pyrene			EPA 8270A	07/22/98	< 10.0	10.0
77147	Benzyl alcohol			EPA 8270A	07/22/98	< 20.0	20.0
34253	alpha-BHC			EPA 8080		NA	
34255	beta-BHC			EPA 8080		NA	
34259	delta-BHC			EPA 8080		NA	
39340	gamma-BHC			EPA 8080		NA	
34278	Bis(2-chloroethoxy)methane			EPA 8270A	07/22/98	< 10.0	10.0
34273	Bis(2-chloroethyl)ether			EPA 8270A	07/22/98	< 10.0	10.0
34283	Bis(2-chloroisopropyl)ether			EPA 8270A	07/22/98	< 10.0	10.0
39100	Bis(2-ethylhexyl)phthalate			EPA 8270A	07/22/98	< 10.0	10.0
34636	4-Bromophenyl phenyl ether			EPA 8270A	07/22/98	< 10.0	10.0
51003	Butyl benzyl phthalate			EPA 8270A	07/22/98	< 10.0	10.0
39350	Chlordane			EPA 8080		NA	
60037	p-Chloroaniline			EPA 8270A	07/22/98	< 20.0	20.0
39460	Chlorobenzilate			EPA 8270A	07/22/98	< 10.0	10.0

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units ($\mu\text{g/l}$)	Detection Limits/ Units ($\mu\text{g/l}$)
N/A	4-Chloro-3-methylphenol			EPA 8270A	07/22/98	< 20.0	20.0
34581	2-Chloronaphthalene			EPA 8270A	07/22/98	< 10.0	10.0
34586	2-Chlorophenol			EPA 8270A	07/22/98	< 10.0	10.0
34641	4-Chlorophenyl phenyl ether			EPA 8270A	07/22/98	< 10.0	10.0
34320	Chrysene			EPA 8270A	07/22/98	< 10.0	10.0
N/A	3-Methylphenol			EPA 8270A	07/22/98	< 10.0	10.0
77152	2-Methylphenol			EPA 8270A	07/22/98	< 10.0	10.0
N/A	4-Methylphenol			EPA 8270A	07/22/98	< 10.0	10.0
39730	2,4-D			EPA 8150		NA	
39360	4,4'-DDD			EPA 8080		NA	
39365	4,4'-DDE			EPA 8080		NA	
39370	4,4'-DDT			EPA 8080		NA	
N/A	Diallate			EPA 8270A	07/22/98	< 10.0	10.0
51004	Dibenzo(a,h)anthracene			EPA 8270A	07/22/98	< 10.0	10.0
81302	Dibenzofuran			EPA 8270A	07/22/98	< 10.0	10.0
39110	Di-n-butyl phthalate			EPA 8270A	07/22/98	< 10.0	10.0
34631	3,3'-Dichlorobenzidine			EPA 8270A	07/22/98	< 20.0	20.0
34601	2,4-Dichlorophenol			EPA 8270A	07/22/98	< 10.0	10.0
77541	2,6-Dichlorophenol			EPA 8270A	07/22/98	< 10.0	10.0
39380	Dieldrin			EPA 8080		NA	
34336	Diethyl phthalate			EPA 8270A	07/22/98	< 10.0	10.0
N/A	0,0-Diethyl 0,2-pyrazinyl phosphorothioate			EPA 8270A	07/22/98	< 10.0	10.0
46314	Dimethoate			EPA 8270A	07/22/98	< 10.0	10.0
N/A	p-(Dimethylamino)azobenzene			EPA 8270A	07/22/98	< 10.0	10.0
N/A	7,12-Dimethylbenz(a)anthracene			EPA 8270A	07/22/98	< 10.0	10.0
N/A	3,3'-Dimethylbenzidine			EPA 8270A	07/22/98	< 20.0	20.0
34606	2,4-Dimethylphenol			EPA 8270A	07/22/98	< 10.0	10.0
34341	Dimethyl phthalate			EPA 8270A	07/22/98	< 10.0	10.0
N/A	m-Dinitrobenzene			EPA 8270A	07/22/98	< 10.0	10.0

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	07/22/98	< 50.0	50.0
34616	2,4-Dinitrophenol			EPA 8270A	07/22/98	< 50.0	50.0
34611	2,4-Dinitrotoluene			EPA 8270A	07/22/98	< 10.0	10.0
34626	2,6-Dinitrotoluene			EPA 8270A	07/22/98	< 10.0	10.0
38779	Dinoseb			EPA 8150		NA	
34596	Di-n-octyl phthalate			EPA 8270A	07/22/98	< 10.0	10.0
77579	Diphenylamine			EPA 8270A	07/22/98	< 10.0	10.0
81888	Disulfoton			EPA 8270A	07/22/98	< 10.0	10.0
34361	Endosulfan I			EPA 8080		NA	
34356	Endosulfan II			EPA 8080		NA	
34351	Endosulfan sulfate			EPA 8080		NA	
39390	Endrin			EPA 8080		NA	
34366	Endrin aldehyde			EPA 8080		NA	
N/A	Ethyl methanesulfonate			EPA 8270A	07/22/98	< 20.0	20.0
38462	Famphur			EPA 8270A	07/22/98	< 20.0	20.0
34376	Fluoranthene			EPA 8270A	07/22/98	< 10.0	10.0
34381	Fluorene			EPA 8270A	07/22/98	< 10.0	10.0
39410	Heptachlor			EPA 8080		NA	
39420	Heptachlor epoxide			EPA 8080		NA	
39700	Hexachlorobenzene			EPA 8270A	07/22/98	< 10.0	10.0
34391	Hexachlorobutadiene			EPA 8270A	07/22/98	< 10.0	10.0
34386	Hexachlorocyclopentadiene			EPA 8270A	07/22/98	< 10.0	10.0
34396	Hexachloroethane			EPA 8270A	07/22/98	< 10.0	10.0
N/A	Hexachloropropene			EPA 8270A	07/22/98	< 10.0	10.0
77033	Isobutyl alcohol			EPA 8260A	06/30/98	< 5.00	5.00
39430	Isodrin			EPA 8270A	07/22/98	< 20.0	20.0
34408	Isophorone			EPA 8270A	07/22/98	< 10.0	10.0
N/A	Isosafrole			EPA 8270A	07/22/98	< 10.0	10.0
81593	Methacrylonitrile			EPA 8260A	06/30/98	< 20.0	20.0

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units ($\mu\text{g/l}$)	Detection Limits/ Units ($\mu\text{g/l}$)
N/A	Methapyrilene			EPA 8270A	07/22/98	< 100	100
39480	Methoxychlor			EPA 8080		NA	
N/A	3-Methylcholanthrene			EPA 8270A	07/22/98	< 10.0	10.0
81597	Methyl methacrylate			EPA 8260A	06/30/98	< 10.0	10.0
N/A	Methyl methanesulfonate			EPA 8270A	07/22/98	< 10.0	10.0
77416	2-Methylnaphthalene			EPA 8270A	07/22/98	< 10.0	10.0
39600	Methyl parathion			EPA 8270A	07/22/98	< 10.0	10.0
34696	Naphthalene			EPA 8270A	07/22/98	< 10.0	10.0
N/A	1,4-Naphthoquinone			EPA 8270A	07/22/98	< 10.0	10.0
N/A	1-Naphthylamine			EPA 8270A	07/22/98	< 10.0	10.0
N/A	2-Naphthylamine			EPA 8270A	07/22/98	< 10.0	10.0
N/A	2-Nitroaniline			EPA 8270A	07/22/98	< 50.0	50.0
78300	3-Nitroaniline			EPA 8270A	07/22/98	< 20.0	20.0
30342	4-Nitroaniline			EPA 8270A	07/22/98	< 40.0	40.0
34447	Nitrobenzene			EPA 8270A	07/22/98	< 10.0	10.0
34591	2-Nitrophenol			EPA 8270A	07/22/98	< 10.0	10.0
34646	4-Nitrophenol			EPA 8270A	07/22/98	< 50.0	50.0
N/A	n-Nitrosodi-n-butylamine			EPA 8270A	07/22/98	< 10.0	10.0
78200	n-Nitrosodiethylamine			EPA 8270A	07/22/98	< 20.0	20.0
34438	n-Nitrosodimethylamine			EPA 8270A	07/22/98	< 10.0	10.0
34433	n-Nitrosodiphenylamine			EPA 8270A	07/22/98	< 10.0	10.0
34428	n-Nitroso-n-dipropylamine			EPA 8270A	07/22/98	< 10.0	10.0
N/A	n-Nitrosomethylethylamine			EPA 8270A	07/22/98	< 10.0	10.0
N/A	n-Nitrosopiperidine			EPA 8270A	07/22/98	< 10.0	10.0
78206	n-Nitrosopyrrolidine			EPA 8270A	07/22/98	< 10.0	10.0
N/A	5-Nitro-o-toluidine			EPA 8270A	07/22/98	< 10.0	10.0
39540	Parathion			EPA 8270A	07/22/98	< 10.0	10.0
77793	Pentachlorobenzene			EPA 8270A	07/22/98	< 10.0	10.0
81316	Pentachloronitrobenzene			EPA 8270A	07/22/98	< 10.0	10.0

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units ($\mu\text{g/l}$)	Detection Limits/ Units ($\mu\text{g/l}$)
39032	Pentachlorophenol			EPA 8270A	07/22/98	< 10.0	10.0
N/A	Phenacetin			EPA 8270A	07/22/98	< 10.0	10.0
34461	Phenanthrene			EPA 8270A	07/22/98	< 10.0	10.0
32730	Phenol			EPA 8270A	07/22/98	< 10.0	10.0
N/A	p-Phenylenediamine			EPA 8270A	07/22/98	< 10.0	10.0
46313	Phorate			EPA 8270A	07/22/98	< 10.0	10.0
39516	PCBs			EPA 8080		NA	
39080	Pronamide			EPA 8270A	07/22/98	< 10.0	10.0
77007	Propionitrile			EPA 8260A	06/30/98	< 10.0	10.0
34469	Pyrene			EPA 8270A	07/22/98	< 10.0	10.0
77545	Safrole			EPA 8270A	07/22/98	< 10.0	10.0
39760	Silvex			EPA 8150		NA	
81520	Chloroprene			EPA 8260A	06/30/98	< 50.0	50.0
00746	Sulfide			EPA 376.2	06/19/98	< 40.0	40.0
39740	2,4,5-T			EPA 8150		NA	
77734	1,2,4,5-Tetrachlorobenzene			EPA 8270A	07/22/98	< 10.0	10.0
N/A	2,3,4,6-Tetrachlorophenol			EPA 8270A	07/22/98	< 10.0	10.0
77142	o-Toluidine			EPA 8270A	07/22/98	< 10.0	10.0
39400	Toxaphene			EPA 8080		NA	
34551	1,2,4-Trichlorobenzene			EPA 8270A	07/22/98	< 10.0	10.0
77687	2,4,5-Trichlorophenol			EPA 8270A	07/22/98	< 10.0	10.0
34621	2,4,6-Trichlorophenol			EPA 8270A	07/22/98	< 10.0	10.0
N/A	Triethyl phosphorothioate			EPA 8270A	07/22/98	< 10.0	10.0
N/A	1,3,5-Trinitrobenzene			EPA 8270A	07/22/98	< 10.0	10.0
77173	1,3-Dichloropropane			EPA 8260A	06/30/98	< 5.00	5.00
77170	2,2-Dichloropropane			EPA 8260A	06/30/98	< 5.00	5.00
77168	1,1-Dichloropropene			EPA 8260A	06/30/98	< 5.00	5.00
34566	1,3-Dichlorobenzene			EPA 8260A	06/30/98	< 5.00	5.00

SAMPLE ID 4MW 12D RESOURCE RECOVERY FRACTION 02A TEST CODE 504 NAME EDB AND DBCP BY GC
Date & Time Collected 06/17/98 13:45:00 Category LIQUID

EPA METHOD 504

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

NOTES AND DEFINITIONS FOR THIS REPORT

DATE RUN..... 06/19/98

INSTRUMENT..... GC

UNITS..... ug/L

ND = NOT DETECTED AT DETECTION LIMITS

Received: 06/18/98

Results by Sample

SAMPLE ID 4MM 12D RESOURCE RECOVERY FRACTION 02A TEST CODE 8260A2 NAME PURGEABLE ORGANICS VOA
 Date & Time Collected 06/17/98 13:45:00 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
Allyl chloride	ND	10.0	Isobutyl alcohol	ND	5.00
Benzene	ND	5.00	Methacrylonitrile	ND	20.0
Bromochloromethane	ND	5.00	Methyl bromide	ND	5.00
Bromodichloromethane	ND	5.00	Methyl chloride	ND	5.00
Bromoform	ND	5.00	Methylene bromide	ND	10.0
Carbon disulfide	ND	5.00	Methylene chloride	ND	10.0
Carbon tetrachloride	ND	10.0	Methyl ethyl ketone	ND	10.0
Chlorobenzene	ND	5.00	Methyl iodide	ND	10.0
Chloroethane	ND	10.0	Methyl methacrylate	ND	10.0
Chloroform	ND	5.00	4-Methyl-2-pentanone	ND	10.0
Chloroprene	ND	50.0	Propionitrile	ND	10.0
Dibromochloromethane	ND	5.00	Styrene	ND	5.00
1,2-Dichlorobenzene	ND	5.00	1,1,1,2-Tetrachloroethane	ND	5.00
1,3-Dichlorobenzene	ND	5.00	1,1,2,2-Tetrachloroethane	ND	5.00
1,4-Dichlorobenzene	ND	5.00	Tetrachloroethene	ND	5.00
trans-1,4-Dichloro-2-butene	ND	50.0	Toluene	ND	5.00
Dichlorodifluoromethane	ND	5.00	1,1,1-Trichloroethane	ND	5.00
1,1-Dichloroethane	ND	5.00	1,1,2-Trichloroethane	ND	5.00
1,2-Dichloroethane	ND	5.00	Trichloroethene	ND	5.00
1,1-Dichloroethene	ND	5.00	Trichlorofluoromethane	ND	5.00
cis-1,2-Dichloroethene	ND	5.00	1,2,3-Trichloropropane	ND	5.00
trans-1,2-Dichloroethene	ND	5.00	Vinyl acetate	ND	5.00
1,2-Dichloropropane	ND	5.00	Vinyl chloride	ND	5.00
1,3-Dichloropropane	ND	5.00	Total xylenes	ND	5.00
2,2-Dichloropropane	ND	5.00	1,2-Dibromo-3-chloropropane	ND	5.00
1,1-Dichloropropene	ND	5.00	1,2-Dibromomethane	ND	5.00
cis-1,3-Dichloropropene	ND	5.00			
trans-1,3-Dichloropropene	ND	5.00			

Surrogates	% Recovery	Surrogate Limits
Dibromofluoromethane	_____	_____ - _____
Toluene-d8	_____	_____ - _____
Bromofluorobenzene	_____	_____ - _____

Notes and Definitions for this Report:

DATE RUN: 06/30/98
 ANALYST: XL
 INSTRUMENT: _____ G
 DIL. FACTOR: 1
 COMMENTS: _____
 UNITS: ug/L

Received: 06/18/98

Results by Sample

SAMPLE ID 4MW 12D RESOURCE RECOVERY FRACTION 02A TEST CODE 8270A2 NAME A/BM EXTRACTABLES SOIL
 Date & Time Collected 06/17/98 13:45:00 Category LIQUID

EPA METHOD 8270A

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

CONTINUED ON FOLLOWING PAGE

SAMPLE ID 4MW 12D RESOURCE RECOVERY FRACTION 02A TEST CODE 8270A2 NAME A/BM EXTRACTABLES SOIL
Date & Time Collected 06/17/98 13:45:00 Category LIQUID

EPA METHOD 8270A

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

Notes and Definitions for this Report:

UNITS: ug/L
EXTRACTED: 06/23/98
DATE RUN: 07/22/98
ANALYST: PC
INSTRUMENT: F
DIL. FACTOR: 1

ND = not detected at detection limit

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030 Sampling Date/Time: 06/16/98 @ 1140
 Test Site ID #: _____ Report Period: 1998 / Semester I
 (year/quarter)
 Well Name: 4MW-14D Well Purged (Y/N): YES
 Classification of Groundwater: Floridan Well Type: () Background
 () Intermediate
 Groundwater Elevation (NGVD): _____ () Compliance
 or (MSL): 35.85 () Other

7710

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000929	Sodium	Wel Wiz. Ded. Mon. System	No	SM 3111B	06/18/98 1600	20.8 mg/L	0.01 mg/L
001045	Iron	"	"	SM 3111B	06/22/98 0940	0.41 mg/L	0.02 mg/L
071900	Mercury	"	"	SM 3112B	06/22/98 1430	0.0003 mg/L	0.0002 mg/L
000400	pH-Field	"	"	SM 4500H+B	06/16/98 1140	6.98 Std. Units	0.01 Std. Units
000010	Temperature (Field)	"	"	SM 2550B	06/16/98 1140	25.00 °C	0 °C
000095	Specific Cond. (Field)	"	"	SM 2510B	06/16/98 1140	670 µmhos/cm	0.0 µmhos/cm
000344	D.O. (Field)	"	"	SM 45000G	06/16/98 1140	1.10 mg/L	0.0 mg/L
082079	Turbidity	"	"	SM 2130B	06/16/98 1450	7.55 NTU	0.01 NTU
000940	Chloride	"	"	SM 4500Cl-B	06/22/98 1100	144 mg/L	0.15 mg/L
070300	Total Dis. Solids	"	"	SM 2540C	06/18/98 1600	676 mg/L	1 mg/L
000610	Ammonia	"	"	SM 4500NH ₃ H	06/23/98 1230	<0.03 mg/L	0.03 mg/L
000620	Nitrate	"	"	SM 4500NO ₃ F	06/16/98 1600	0.55 mg/L	0.11 mg/L
072020	Water Level (MSL)	"	"	"	06/16/98 1140	35.85 Feet	Feet
900216	Color	"	"	SM 2120B	06/16/98 1530	25 PCU	0.0 PCU

RECORDED
 OCT 15 1998

*Attach Laboratory Reports

Solid Waste Section

PART III - ANALYTICAL RESULTS

Facility GMS #: _____

Sampling Date/Time: 06/16/98 @ 11:40

Test Site ID #: _____

Report Period: _____
(Year/Quarter)

WELL NAME: 4MW 14D

Well Type: () Background

Classification of Ground Water: _____

() Intermediate

Ground Water Elevation (NGVD): _____

() Compliance

or (MSL): _____

() Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units (mg/l)	Detection Limits/ Units (mg/l)
00010	Temperature (field)					degree,C	
00400	pH (field)					Std. Units	Std. Units
	Water Level Elev.					Ft. NGVD	Ft. NGVD
00094	Specific Cond. (field)					µmhos/cm	µmhos/cm
01097	Antimony			EPA 200.7	06/23/98	<0.005	0.005
01002	Arsenic			EPA 200.7	06/23/98	<0.005	0.005
01007	Barium			EPA 200.7	06/23/98	0.020	0.005
01012	Beryllium			EPA 200.7	06/23/98	<0.005	0.005
01027	Cadmium			EPA 200.7	06/23/98	<0.005	0.005
01034	Chromium			EPA 200.7	06/23/98	<0.005	0.005
01037	Cobalt			EPA 200.7	06/23/98	<0.005	0.005
01042	Copper			EPA 200.7	06/23/98	<0.005	0.005
01051	Lead			EPA 200.7	06/23/98	<0.005	0.005
01067	Nickel			EPA 200.7	06/23/98	<0.005	0.005
01147	Selenium			EPA 200.7	06/23/98	<0.005	0.005
01077	Silver			EPA 200.7	06/23/98	<0.005	0.005
01057	Thallium			EPA 200.7	06/23/98	<0.009	0.009
01085	Vanadium			EPA 200.7	06/23/98	<0.005	0.005
71900	Mercury			EPA 245.1	06/23/98	<0.0005	0.0005
01102	Tin			EPA 200.7	06/23/98	<0.300	0.300
01092	Zinc			EPA 200.7	06/23/98	0.011	0.005
00720	Cyanide			EPA 335.2	06/24/98	<0.010	0.010

PART III - ANALYTICAL RESULTS (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units ($\mu\text{g/l}$)	Detection Limits/ Units ($\mu\text{g/l}$)
81552	Acetone			EPA 8260A	06/30/98	< 50.0	50.0
34215	Acrylonitrile			EPA 8260A	06/30/98	< 10.0	10.0
34235	Benzene			EPA 8260A	06/30/98	< 5.00	5.00
N/A	Bromochloromethane			EPA 8260A	06/30/98	< 5.00	5.00
32101	Bromodichloromethane			EPA 8260A	06/30/98	< 5.00	5.00
32104	Bromoform			EPA 8260A	06/30/98	< 5.00	5.00
77041	Carbon disulfide			EPA 8260A	06/30/98	< 5.00	5.00
32102	Carbon tetrachloride			EPA 8260A	06/30/98	< 10.0	10.0
34301	Chlorobenzene			EPA 8260A	06/30/98	< 5.00	5.00
34311	Chloroethane			EPA 8260A	06/30/98	< 10.0	10.0
32106	Chloroform			EPA 8260A	06/30/98	< 5.00	5.00
32105	Dibromochloromethane			EPA 8260A	06/30/98	< 5.00	5.00
38761	1,2-Dibromo-3-chloropropane			EPA 504	06/19/98	< 0.020	0.020
77651	1,2-Dibromoethane			EPA 504	06/19/98	< 0.020	0.020
34537	o-Dichlorobenzene			EPA 8260A	06/30/98	< 5.00	5.00
34571	p-Dichlorobenzene			EPA 8260A	06/30/98	< 5.00	5.00
49263	trans-1,4-Dichloro-2-butene			EPA 8260A	06/30/98	< 50.0	50.0
34496	1,1-Dichloroethane			EPA 8260A	06/30/98	< 5.00	5.00
32103	1,2-Dichloroethane			EPA 8260A	06/30/98	< 5.00	5.00
34502	1,1-Dichloroethene			EPA 8260A	06/30/98	< 5.00	5.00
81686	cis-1,2-Dichloroethene			EPA 8260A	06/30/98	< 5.00	5.00
34546	trans-1,2-Dichloroethene			EPA 8260A	06/30/98	< 5.00	5.00
34541	1,2-Dichloropropane			EPA 8260A	06/30/98	< 5.00	5.00
34704	cis-1,3-Dichloropropene			EPA 8260A	06/30/98	< 5.00	5.00
34699	trans-1,3-Dichloropropene			EPA 8260A	06/30/98	< 5.00	5.00
78113	Ethylbenzene			EPA 8260A	06/30/98	< 5.00	5.00
77103	2-Hexanone			EPA 8260A	06/30/98	< 10.0	10.0
34413	Methyl bromide			EPA 8260A	06/30/98	< 5.00	5.00

PART III - ANALYTICAL RESULTS (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units ($\mu\text{g}/\text{l}$)	Detection Limits/ Units ($\mu\text{g}/\text{l}$)
34418	Methyl chloride			EPA 8260A	06/30/98	< 5.00	5.00
77596	Methylene bromide			EPA 8260A	06/30/98	< 10.0	10.0
34423	Methylene chloride			EPA 8260A	06/30/98	< 10.0	10.0
81595	Methyl ethyl ketone			EPA 8260A	06/30/98	< 10.0	10.0
49262	Methyl iodide			EPA 8260A	06/30/98	< 10.0	10.0
78133	4-Methyl-2-pentanone			EPA 8260A	06/30/98	< 10.0	10.0
77128	Styrene			EPA 8260A	06/30/98	< 5.00	5.00
77562	1,1,1,2-Tetrachloroethane			EPA 8260A	06/30/98	< 5.00	5.00
34516	1,1,1,2-Tetrachloroethane			EPA 8260A	06/30/98	< 5.00	5.00
34476	Tetrachloroethene			EPA 8260A	06/30/98	< 5.00	5.00
78131	Toluene			EPA 8260A	06/30/98	< 5.00	5.00
34506	1,1,1-Trichloroethane			EPA 8260A	06/30/98	< 5.00	5.00
34511	1,1,2-Trichloroethane			EPA 8260A	06/30/98	< 5.00	5.00
34485	Trichloroethene			EPA 8260A	06/30/98	< 5.00	5.00
34488	Trichlorofluoromethane			EPA 8260A	06/30/98	< 5.00	5.00
77443	1,2,3-Trichloropropane			EPA 8260A	06/30/98	< 5.00	5.00
77057	Vinyl acetate			EPA 8260A	06/30/98	< 5.00	5.00
39175	Vinyl chloride			EPA 8260A	06/30/98	< 5.00	5.00
81551	Xylenes			EPA 8260A	06/30/98	< 5.00	5.00

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units (µg/l)	Detection Limits/ Units (µg/l)
34205	Acenaphthene			EPA 8270A	06/22/98	<10.0	10.0
34200	Acenaphthylene			EPA 8270A	06/22/98	<10.0	10.0
N/A	Acetonitrile			EPA 8260A	06/22/98	<5.00	5.00
81553	Acetophenone			EPA 8270A	06/22/98	<10.0	10.0
N/A	2-Acetylaminofluorene			EPA 8270A	06/22/98	<20.0	20.0
34210	Acrolein			EPA 8260A	06/30/98	<100	100
39330	Aldrin			EPA 8080		NA	
78109	Allyl chloride			EPA 8260A	06/30/98	<10.0	10.0
N/A	4-Aminobiphenyl			EPA 8270A	06/22/98	<20.0	20.0
34220	Anthracene			EPA 8270A	06/22/98	<10.0	10.0
34527	Benzo(a)anthracene			EPA 8270A	06/22/98	<10.0	10.0
34230	Benzo(b)fluoranthene			EPA 8270A	06/22/98	<10.0	10.0
34242	Benzo(k)fluoranthene			EPA 8270A	06/22/98	<10.0	10.0
34521	Benzo(ghi)perylene			EPA 8270A	06/22/98	<10.0	10.0
34247	Benzo(a)pyrene			EPA 8270A	06/22/98	<10.0	10.0
77147	Benzyl alcohol			EPA 8270A	06/22/98	<20.0	20.0
34253	alpha-BHC			EPA 8080		NA	
34255	beta-BHC			EPA 8080		NA	
34259	delta-BHC			EPA 8080		NA	
39340	gamma-BHC			EPA 8080		NA	
34278	Bis(2-chloroethoxy)methane			EPA 8270A	06/22/98	<10.0	10.0
34273	Bis(2-chloroethyl)ether			EPA 8270A	06/22/98	<10.0	10.0
34283	Bis(2-chloroisopropyl)ether			EPA 8270A	06/22/98	<10.0	10.0
39100	Bis(2-ethylhexyl)phthalate			EPA 8270A	06/22/98	<10.0	10.0
34636	4-Bromophenyl phenyl ether			EPA 8270A	06/22/98	<10.0	10.0
51003	Butyl benzyl phthalate			EPA 8270A	06/22/98	<10.0	10.0
39350	Chlordane			EPA 8080		NA	
60037	p-Chloroaniline			EPA 8270A	06/22/98	<20.0	20.0
39460	Chlorobenzilate			EPA 8270A	06/22/98	<10.0	10.0

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units (µg/l)	Detection Limits/ Units (µg/l)
N/A	4-Chloro-3-methylphenol			EPA 8270A	06/22/98	< 20.0	20.0
34581	2-Chloronaphthalene			EPA 8270A	06/22/98	< 10.0	10.0
34586	2-Chlorophenol			EPA 8270A	06/22/98	< 10.0	10.0
34641	4-Chlorophenyl phenyl ether			EPA 8270A	06/22/98	< 10.0	10.0
34320	Chrysene			EPA 8270A	06/22/98	< 10.0	10.0
N/A	3-Methylphenol			EPA 8270A	06/22/98	< 10.0	10.0
77152	2-Methylphenol			EPA 8270A	06/22/98	< 10.0	10.0
N/A	4-Methylphenol			EPA 8270A	06/22/98	< 10.0	10.0
39730	2,4-D			EPA 8150		NA	
39360	4,4'-DDD			EPA 8080		NA	
39365	4,4'-DDE			EPA 8080		NA	
39370	4,4'-DDT			EPA 8080		NA	
N/A	Diallate			EPA 8270A	06/22/98	< 10.0	10.0
51004	Dibenzo(a,h)anthracene			EPA 8270A	06/22/98	< 10.0	10.0
81302	Dibenzofuran			EPA 8270A	06/22/98	< 10.0	10.0
39110	Di-n-butyl phthalate			EPA 8270A	06/22/98	< 10.0	10.0
34631	3,3'-Dichlorobenzidine			EPA 8270A	06/22/98	< 20.0	20.0
34601	2,4-Dichlorophenol			EPA 8270A	06/22/98	< 10.0	10.0
77541	2,6-Dichlorophenol			EPA 8270A	06/22/98	< 10.0	10.0
39380	Dieldrin			EPA 8080		NA	
34336	Diethyl phthalate			EPA 8270A	06/22/98	< 10.0	10.0
N/A	0,0-Diethyl 0,2-pyrazinyl phosphorothioate			EPA 8270A	06/22/98	< 10.0	10.0
46314	Dimethoate			EPA 8270A	06/22/98	< 10.0	10.0
N/A	p-(Dimethylamino)azobenzene			EPA 8270A	06/22/98	< 10.0	10.0
N/A	7,12-Dimethylbenz(a)anthracene			EPA 8270A	06/22/98	< 10.0	10.0
N/A	3,3'-Dimethylbenzidine			EPA 8270A	06/22/98	< 20.0	20.0
34606	2,4-Dimethylphenol			EPA 8270A	06/22/98	< 10.0	10.0
34341	Dimethyl phthalate			EPA 8270A	06/22/98	< 10.0	10.0
N/A	m-Dinitrobenzene			EPA 8270A	06/22/98	< 10.0	10.0

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units ($\mu\text{g/l}$)	Detection Limits/ Units ($\mu\text{g/l}$)
51008	4,6-Dinitro-o-cresol			EPA 8270A	06/22/98	< 50.0	50.0
34616	2,4-Dinitrophenol			EPA 8270A	06/22/98	< 50.0	50.0
34611	2,4-Dinitrotoluene			EPA 8270A	06/22/98	< 10.0	10.0
34626	2,6-Dinitrotoluene			EPA 8270A	06/22/98	< 10.0	10.0
38779	Dinoseb			EPA 8150		NA	
34596	Di-n-octyl phthalate			EPA 8270A	06/22/98	< 10.0	10.0
77579	Diphenylamine			EPA 8270A	06/22/98	< 10.0	10.0
81888	Disulfoton			EPA 8270A	06/22/98	< 10.0	10.0
34361	Endosulfan I			EPA 8080		NA	
34356	Endosulfan II			EPA 8080		NA	
34351	Endosulfan sulfate			EPA 8080		NA	
39390	Endrin			EPA 8080		NA	
34366	Endrin aldehyde			EPA 8080		NA	
N/A	Ethyl methanesulfonate			EPA 8270A	06/22/98	< 20.0	20.0
38462	Famphur			EPA 8270A	06/22/98	< 20.0	20.0
34376	Fluoranthene			EPA 8270A	06/22/98	< 10.0	10.0
34381	Fluorene			EPA 8270A	06/22/98	< 10.0	10.0
39410	Heptachlor			EPA 8080		NA	
39420	Heptachlor epoxide			EPA 8080		NA	
39700	Hexachlorobenzene			EPA 8270A	06/22/98	< 10.0	10.0
34391	Hexachlorobutadiene			EPA 8270A	06/22/98	< 10.0	10.0
34386	Hexachlorocyclopentadiene			EPA 8270A	06/22/98	< 10.0	10.0
34396	Hexachloroethane			EPA 8270A	06/22/98	< 10.0	10.0
N/A	Hexachloropropene			EPA 8270A	06/22/98	< 10.0	10.0
77033	Isobutyl alcohol			EPA 8260A	06/30/98	< 5.00	5.00
39430	Isodrin			EPA 8270A	06/22/98	< 20.0	20.0
34408	Isophorone			EPA 8270A	06/22/98	< 10.0	10.0
N/A	Isosafrole			EPA 8270A	06/22/98	< 10.0	10.0
81593	Methacrylonitrile			EPA 8260A	06/30/98	< 20.0	20.0

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units ($\mu\text{g/l}$)	Detection Limits/ Units ($\mu\text{g/l}$)
N/A	Methapyrilene			EPA 8270A	06/22/98	< 100	100
39480	Methoxychlor			EPA 8080		NA	
N/A	3-Methylcholanthrene			EPA 8270A	06/22/98	< 10.0	10.0
81597	Methyl methacrylate			EPA 8260A	06/30/98	< 10.0	10.0
N/A	Methyl methanesulfonate			EPA 8270A	06/22/98	< 10.0	10.0
77416	2-Methylnaphthalene			EPA 8270A	06/22/98	< 10.0	10.0
39600	Methyl parathion			EPA 8270A	06/22/98	< 10.0	10.0
34696	Naphthalene			EPA 8270A	06/22/98	< 10.0	10.0
N/A	1,4-Naphthoquinone			EPA 8270A	06/22/98	< 10.0	10.0
N/A	1-Naphthylamine			EPA 8270A	06/22/98	< 10.0	10.0
N/A	2-Naphthylamine			EPA 8270A	06/22/98	< 10.0	10.0
N/A	2-Nitroaniline			EPA 8270A	06/22/98	< 50.0	50.0
78300	3-Nitroaniline			EPA 8270A	06/22/98	< 20.0	20.0
30342	4-Nitroaniline			EPA 8270A	06/22/98	< 40.0	40.0
34447	Nitrobenzene			EPA 8270A	06/22/98	< 10.0	10.0
34591	2-Nitrophenol			EPA 8270A	06/22/98	< 10.0	10.0
34646	4-Nitrophenol			EPA 8270A	06/22/98	< 50.0	50.0
N/A	n-Nitrosodi-n-butylamine			EPA 8270A	06/22/98	< 10.0	10.0
78200	n-Nitrosodiethylamine			EPA 8270A	06/22/98	< 20.0	20.0
34438	n-Nitrosodimethylamine			EPA 8270A	06/22/98	< 10.0	10.0
34433	n-Nitrosodiphenylamine			EPA 8270A	06/22/98	< 10.0	10.0
34428	n-Nitroso-n-dipropylamine			EPA 8270A	06/22/98	< 10.0	10.0
N/A	n-Nitrosomethylethylamine			EPA 8270A	06/22/98	< 10.0	10.0
N/A	n-Nitrosopiperidine			EPA 8270A	06/22/98	< 10.0	10.0
78206	n-Nitrosopyrrolidine			EPA 8270A	06/22/98	< 10.0	10.0
N/A	5-Nitro-o-toluidine			EPA 8270A	06/22/98	< 10.0	10.0
39540	Parathion			EPA 8270A	06/22/98	< 10.0	10.0
77793	Pentachlorobenzene			EPA 8270A	06/22/98	< 10.0	10.0
81316	Pentachloronitrobenzene			EPA 8270A	06/22/98	< 10.0	10.0

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units ($\mu\text{g/l}$)	Detection Limits/ Units ($\mu\text{g/l}$)
39032	Pentachlorophenol			EPA 8270A	06/22/98	<10.0	10.0
N/A	Phenacetin			EPA 8270A	06/22/98	<10.0	10.0
34461	Phenanthrene			EPA 8270A	06/22/98	<10.0	10.0
32730	Phenol			EPA 8270A	06/22/98	<10.0	10.0
N/A	p-Phenylenediamine			EPA 8270A	06/22/98	<10.0	10.0
46313	Phorate			EPA 8270A	06/22/98	<10.0	10.0
39516	PCBs			EPA 8080		NA	
39080	Pronamide			EPA 8270A	06/22/98	<10.0	10.0
77007	Propionitrile			EPA 8260A	06/30/98	<10.0	10.0
34469	Pyrene			EPA 8270A	06/22/98	<10.0	10.0
77545	Safrole			EPA 8270A	06/22/98	<10.0	10.0
39760	Silvex			EPA 8150		NA	
81520	Chloroprene			EPA 8260A	06/30/98	<50.0	50.0
00746	Sulfide			EPA 376.2	06/19/98	<40.0	40.0
39740	2,4,5-T			EPA 8150		NA	
77734	1,2,4,5-Tetrachlorobenzene			EPA 8270A	06/22/98	<10.0	10.0
N/A	2,3,4,6-Tetrachlorophenol			EPA 8270A	06/22/98	<10.0	10.0
77142	o-Toluidine			EPA 8270A	06/22/98	<10.0	10.0
39400	Toxaphene			EPA 8080		NA	
34551	1,2,4-Trichlorobenzene			EPA 8270A	06/22/98	<10.0	10.0
77687	2,4,5-Trichlorophenol			EPA 8270A	06/22/98	<10.0	10.0
34621	2,4,6-Trichlorophenol			EPA 8270A	06/22/98	<10.0	10.0
N/A	Triethyl phosphorothioate			EPA 8270A	06/22/98	<10.0	10.0
N/A	1,3,5-Trinitrobenzene			EPA 8270A	06/22/98	<10.0	10.0
77173	1,3-Dichloropropane			EPA 8260A	06/30/98	<5.00	5.00
77170	2,2-Dichloropropane			EPA 8260A	06/30/98	<5.00	5.00
77168	1,1-Dichloropropene			EPA 8260A	06/30/98	<5.00	5.00
34566	1,3-Dichlorobenzene			EPA 8260A	06/30/98	<5.00	5.00

Received: 06/17/98

07/23/98 14:16:12

REPORT NATIONAL TESTING LABORATORY
 TO 6555 WILSON MILLS ROAD
CLEVELAND, OHIO 44143
1(800)458-3330 F(216)449-8585
 ATTN SUSAN HENDERSON *440*

PREPARED TOXIKON CORPORATION
 BY 106 COASTAL WAY
JUPITER, FL 33477
QA# 910150G,
 ATTN JOHN YARENCHUK
 PHONE (561) 575-2477 FAX 575-2497

[Signature]
 CERTIFIED BY
 CONTACT JOHN

CLIENT NTL SAMPLES 2
 COMPANY NATIONAL TESTING LABORATORY
 FACILITY 6555 WILSON MILLS ROAD
CLEVELAND, OHIO 44143

HRS # E86278, E87143, 86396, 87394

WORK ID PASCO COUNTY-RESOURCE RECOVER
 TAKEN 06/16/98
 TRANS U.P.S.
 TYPE LIQUID
 P.O. # _____
 INVOICE under separate cover

SAMPLE IDENTIFICATION

TEST CODES and NAMES used on this workorder

- 01 4MW 14D RESOURCE RECOVERY
- 02 4MW 15D RESOURCE RECOVERY

- 504 EDB AND DBCP BY GC
- 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
- NI NICKEL
- PB LEAD
- PHENOL PHENOL
- SB ANTIMONY
- SE SELENIUM
- SN TIN
- S FID SULFIDE
- TL THALLIUM
- V VANADIUM
- ZN Zinc

SAMPLE ID		4MW 14D RESOURCE RECOVERY		SAMPLE #		01		FRACTIONS: A			
Date & Time Collected		06/16/98 11:40:00		Category		LIQUID					
AG	ND	AS	ND	BA	0.020	BE	ND	CD	ND	CM_TOT	ND
mg/L DL=0.005	6/23/98 BED	mg/L DL=0.005	6/23/98 BED	mg/L DL=0.005	6/23/98 BED	mg/L DL=0.005	6/23/98 BED	mg/L DL=0.005	6/23/98 BED	mg/L DL=0.010	6/24/98 BED
CO	ND	CR	ND	CU	ND	HG	ND	NI	ND	PB	ND
mg/L DL=0.005	6/23/98 BED	mg/L DL=0.005	6/23/98 BED	mg/L DL=0.005	6/23/98 BED	mg/L DL=0.0005	6/23/98 BED	mg/L DL=0.005	6/23/98 BED	mg/L DL=0.005	6/23/98 BED
PHENOL	0.012	SB	ND	SE	ND	SN	ND	S_FID	ND	TL	ND
mg/L DL=0.010	6/25/98 MD	mg/L DL=0.005	6/23/98 BED	mg/L DL=0.005	6/23/98 BED	mg/L DL=0.300	6/23/98 BED	mg/L DL=0.04	6/19/98 JH	mg/L DL=0.009	6/23/98 BED
V	ND	ZN	0.011								
mg/L DL=0.005	6/23/98 BED	mg/L DL=0.005	6/23/98 BED								

215

Received: 06/17/98

Results by Sample

SAMPLE ID 4MW 14D RESOURCE RECOVERY FRACTION 01A TEST CODE 504 NAME EDB AND DBCP BY GC
 Date & Time Collected 06/16/98 11:40:00 Category LIQUID

EPA METHOD 504

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

NOTES AND DEFINITIONS FOR THIS REPORT

DATE RUN..... 06/19/98

INSTRUMENT..... GC

UNITS..... ug/L

ND = NOT DETECTED AT DETECTION LIMITS

Received: 06/17/98

Results by Sample

SAMPLE ID 4MW 14D RESOURCE RECOVERY FRACTION 01A TEST CODE 8260A2 NAME PURGEABLE ORGANICS VOA
 Date & Time Collected 06/16/98 11:40:00 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-Dichloropropene	ND	5.00	1,2-Dibromomethane	ND	5.00
cis-1,3-Dichloropropene	ND	5.00			
trans-1,3-Dichloropropene	ND	5.00			

Surrogates	% Recovery	Surrogate Limits
Dibromofluoromethane	_____	_____ - _____
Toluene-d8	_____	_____ - _____
Bromofluorobenzene	_____	_____ - _____

Notes and Definitions for this Report:

DATE RUN: 06/30/98ANALYST: XLINSTRUMENT: GDIL. FACTOR: 1

COMMENTS: _____

UNITS: ug/L

Received: 06/17/98

Results by Sample

SAMPLE ID 4MW 14D RESOURCE RECOVERY FRACTION 01A TEST CODE 8270A2 NAME A/BM EXTRACTABLES SOIL
 Date & Time Collected 06/16/98 11:40:00 Category LIQUID

EPA METHOD 8270A

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

CONTINUED ON FOLLOWING PAGE

SAMPLE ID 4MW 14D RESOURCE RECOVERY FRACTION 01A TEST CODE 8270A2 NAME A/BM EXTRACTABLES SOIL
Date & Time Collected 06/16/98 11:40:00 Category LIQUID

EPA METHOD 8270A

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

Notes and Definitions for this Report:

UNITS: ug/L
EXTRACTED: 06/19/98
DATE RUN: 06/22/98
ANALYST: PC
INSTRUMENT: C
DIL. FACTOR: 1

ND = not detected at detection limit



PASCO COUNTY, FLORIDA

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

DHRS # 44237, E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

PROJECT NAME: RES REC GWM
DATE: 07/10/98

(Page 1 of 1)

7710

LAB No.	SAMPLE		SAMPLER	DELIVERY TO LAB	
	DATE	TIME		DATE	TIME MATRIX
68725	07/01/98	1155	CHRIS CHILDRESS	07/01/98	1240 WW

CLIENT STATION ID: 4MW-14-D
LAB #: 68725

WATER LEVEL	FEET	33.83
FIELD PH	STD. UNITS	7.05
FIELD TEMPERATURE	DEGREES C	25.20
FIELD CONDUCTIVITY	umhos/cm	680
DISSOLVED OXYGEN, FIELD	mg/L	1.10
IRON, TOTAL	mg/L	0.20

LABORATORY DIRECTOR

RECEIVED

OCT 15 1998

Solid Waste Section

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030 Sampling Date/Time: 06/16/98 @ 1315
 Test Site ID #: _____ Report Period: 1998 / Semester I
 (year/quarter)
 Well Name: 4MW-15D Well Purged (Y/N): YES
 Classification of Groundwater: Floridan Well Type: () Background
 () Intermediate
 Groundwater Elevation (NGVD): _____ () Compliance
 or (MSL): 36.63 () Other

7711

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000929	Sodium	Wel Wiz. Ded. Mon. System	No	SM 3111B	06/18/98 1600	29.1 mg/L	0.01 mg/L
001045	Iron	"	"	SM 3111B	06/22/98 0940	0.16 mg/L	0.02 mg/L
071900	Mercury	"	"	SM 3112B	06/22/98 1430	0.0026 mg/L	0.0002 mg/L
000400	pH-Field	"	"	SM 4500H+ B	06/16/98 1315	7.10 Std. Units	0.01 Std. Units
000010	Temperature (Field)	"	"	SM 2550B	06/16/98 1315	25.00 °C	0 °C
000095	Specific Cond. (Field)	"	"	SM 2510B	06/16/98 1315	695 μmhos/cm	0.0 μmhos/cm
000344	D.O. (Field)	"	"	SM 45000G	06/16/98 1315	1.30 mg/L	0.0 mg/L
082079	Turbidity	"	"	SM 2130B	06/16/98 1450	9.90 NTU	0.01 NTU
000940	Chloride	"	"	SM 4500Cl-B	06/22/98 1100	155 mg/L	0.15 mg/L
070300	Total Dis. Solids	"	"	SM 2540C	06/18/98 1600	656 mg/L	1 mg/L
000610	Ammonia	"	"	SM 4500NH ₃ H	06/23/98 1230	<0.03 mg/L	0.03 mg/L
000620	Nitrate	"	"	SM 4500NO ₃ F	06/16/98 1600	0.92 mg/L	0.11 mg/L
072020	Water Level (MSL)	"	"	"	06/16/98 1315	36.63 Feet	Feet
900216	Color	"	"	SM 2120B	06/16/98 1530	13 PCU	0.0 PCU

RECEIVED

OCT 15 1998

*Attach Laboratory Reports Solid Waste Section

PART III - ANALYTICAL RESULTS

Facility GMS #: _____

Sampling Date/Time: 06/16/98 @ 13:15

Test Site ID #: _____

Report Period: _____
(Year/Quarter)

WELL NAME: 4MW 15D

Well Type: () Background

Classification of Ground Water: _____

() Intermediate

Ground Water Elevation (NGVD): _____

() Compliance

or (MSL): _____

() Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units (mg/l)	Detection Limits/ Units (mg/l)
00010	Temperature (field)					degree,C	
00400	pH (field)					Std.Units	Std.Units
	Water Level Elev.					Ft. NGVD	Ft. NGVD
00094	Specific Cond. (field)					µmhos/cm	µmhos/cm
01097	Antimony			EPA 200.7	06/23/98	<0.005	0.005
01002	Arsenic			EPA 200.7	06/23/98	<0.005	0.005
01007	Barium			EPA 200.7	06/23/98	0.021	0.005
01012	Beryllium			EPA 200.7	06/23/98	<0.005	0.005
01027	Cadmium			EPA 200.7	06/23/98	<0.005	0.005
01034	Chromium			EPA 200.7	06/23/98	<0.005	0.005
01037	Cobalt			EPA 200.7	06/23/98	<0.005	0.005
01042	Copper			EPA 200.7	06/23/98	<0.005	0.005
01051	Lead			EPA 200.7	06/23/98	<0.005	0.005
01067	Nickel			EPA 200.7	06/23/98	<0.005	0.005
01147	Selenium			EPA 200.7	06/23/98	<0.005	0.005
01077	Silver			EPA 200.7	06/23/98	<0.005	0.005
01057	Thallium			EPA 200.7	06/23/98	<0.009	0.009
01085	Vanadium			EPA 200.7	06/23/98	<0.005	0.005
71900	Mercury			EPA 245.1	06/23/98	<0.0005	0.0005
01102	Tin			EPA 200.7	06/23/98	<0.300	0.300
01092	Zinc			EPA 200.7	06/23/98	0.014	0.005
00720	Cyanide			EPA 335.2	06/24/98	<0.010	0.010

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	06/30/98	< 50.0	50.0
34215	Acrylonitrile			EPA 8260A	06/30/98	< 10.0	10.0
34235	Benzene			EPA 8260A	06/30/98	< 5.00	5.00
N/A	Bromochloromethane			EPA 8260A	06/30/98	< 5.00	5.00
32101	Bromodichloromethane			EPA 8260A	06/30/98	< 5.00	5.00
32104	Bromoform			EPA 8260A	06/30/98	< 5.00	5.00
77041	Carbon disulfide			EPA 8260A	06/30/98	< 5.00	5.00
32102	Carbon tetrachloride			EPA 8260A	06/30/98	< 10.0	10.0
34301	Chlorobenzene			EPA 8260A	06/30/98	< 5.00	5.00
34311	Chloroethane			EPA 8260A	06/30/98	< 10.0	10.0
32106	Chloroform			EPA 8260A	06/30/98	< 5.00	5.00
32105	Dibromochloromethane			EPA 8260A	06/30/98	< 5.00	5.00
38761	1,2-Dibromo-3-chloropropane			EPA 504	06/19/98	< 0.020	0.020
77651	1,2-Dibromoethane			EPA 504	06/19/98	< 0.020	0.020
34537	o-Dichlorobenzene			EPA 8260A	06/30/98	< 5.00	5.00
34571	p-Dichlorobenzene			EPA 8260A	06/30/98	< 5.00	5.00
49263	trans-1,4-Dichloro-2-butene			EPA 8260A	06/30/98	< 50.0	50.0
34496	1,1-Dichloroethane			EPA 8260A	06/30/98	< 5.00	5.00
32103	1,2-Dichloroethane			EPA 8260A	06/30/98	< 5.00	5.00
34502	1,1-Dichloroethene			EPA 8260A	06/30/98	< 5.00	5.00
81686	cis-1,2-Dichloroethene			EPA 8260A	06/30/98	< 5.00	5.00
34546	trans-1,2-Dichloroethene			EPA 8260A	06/30/98	< 5.00	5.00
34541	1,2-Dichloropropane			EPA 8260A	06/30/98	< 5.00	5.00
34704	cis-1,3-Dichloropropene			EPA 8260A	06/30/98	< 5.00	5.00
34699	trans-1,3-Dichloropropene			EPA 8260A	06/30/98	< 5.00	5.00
78113	Ethylbenzene			EPA 8260A	06/30/98	< 5.00	5.00
77103	2-Hexanone			EPA 8260A	06/30/98	< 10.0	10.0
34413	Methyl bromide			EPA 8260A	06/30/98	< 5.00	5.00

PART III - ANALYTICAL RESULTS (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units ($\mu\text{g/l}$)	Detection Limits/ Units ($\mu\text{g/l}$)
34418	Methyl chloride			EPA 8260A	06/30/98	< 5.00	5.00
77596	Methylene bromide			EPA 8260A	06/30/98	< 10.0	10.0
34423	Methylene chloride			EPA 8260A	06/30/98	< 10.0	10.0
81595	Methyl ethyl ketone			EPA 8260A	06/30/98	< 10.0	10.0
49262	Methyl iodide			EPA 8260A	06/30/98	< 10.0	10.0
78133	4-Methyl-2-pentanone			EPA 8260A	06/30/98	< 10.0	10.0
77128	Styrene			EPA 8260A	06/30/98	< 5.00	5.00
77562	1,1,1,2-Tetrachloroethane			EPA 8260A	06/30/98	< 5.00	5.00
34516	1,1,1,2-Tetrachloroethane			EPA 8260A	06/30/98	< 5.00	5.00
34476	Tetrachloroethene			EPA 8260A	06/30/98	< 5.00	5.00
78131	Toluene			EPA 8260A	06/30/98	< 5.00	5.00
34506	1,1,1-Trichloroethane			EPA 8260A	06/30/98	< 5.00	5.00
34511	1,1,2-Trichloroethane			EPA 8260A	06/30/98	< 5.00	5.00
34485	Trichloroethene			EPA 8260A	06/30/98	< 5.00	5.00
34488	Trichlorofluoromethane			EPA 8260A	06/30/98	< 5.00	5.00
77443	1,2,3-Trichloropropane			EPA 8260A	06/30/98	< 5.00	5.00
77057	Vinyl acetate			EPA 8260A	06/30/98	< 5.00	5.00
39175	Vinyl chloride			EPA 8260A	06/30/98	< 5.00	5.00
81551	Xylenes			EPA 8260A	06/30/98	< 5.00	5.00

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units ($\mu\text{g/l}$)	Detection Limits/ Units ($\mu\text{g/l}$)
34205	Acenaphthene			EPA 8270A	06/22/98	< 10.0	10.0
34200	Acenaphthylene			EPA 8270A	06/22/98	< 10.0	10.0
N/A	Acetonitrile			EPA 8260A	06/22/98	< 5.00	5.00
81553	Acetophenone			EPA 8270A	06/22/98	< 10.0	10.0
N/A	2-Acetylaminofluorene			EPA 8270A	06/22/98	< 20.0	20.0
34210	Acrolein			EPA 8260A	06/30/98	< 100	100
39330	Aldrin			EPA 8080		NA	
78109	Allyl chloride			EPA 8260A	06/30/98	< 10.0	10.0
N/A	4-Aminobiphenyl			EPA 8270A	06/22/98	< 20.0	20.0
34220	Anthracene			EPA 8270A	06/22/98	< 10.0	10.0
34527	Benzo(a)anthracene			EPA 8270A	06/22/98	< 10.0	10.0
34230	Benzo(b)fluoranthene			EPA 8270A	06/22/98	< 10.0	10.0
34242	Benzo(k)fluoranthene			EPA 8270A	06/22/98	< 10.0	10.0
34521	Benzo(ghi)perylene			EPA 8270A	06/22/98	< 10.0	10.0
34247	Benzo(a)pyrene			EPA 8270A	06/22/98	< 10.0	10.0
77147	Benzyl alcohol			EPA 8270A	06/22/98	< 20.0	20.0
34253	alpha-BHC			EPA 8080		NA	
34255	beta-BHC			EPA 8080		NA	
34259	delta-BHC			EPA 8080		NA	
39340	gamma-BHC			EPA 8080		NA	
34278	Bis(2-chloroethoxy)methane			EPA 8270A	06/22/98	< 10.0	10.0
34273	Bis(2-chloroethyl)ether			EPA 8270A	06/22/98	< 10.0	10.0
34283	Bis(2-chloroisopropyl)ether			EPA 8270A	06/22/98	< 10.0	10.0
39100	Bis(2-ethylhexyl)phthalate			EPA 8270A	06/22/98	< 10.0	10.0
34636	4-Bromophenyl phenyl ether			EPA 8270A	06/22/98	< 10.0	10.0
51003	Butyl benzyl phthalate			EPA 8270A	06/22/98	< 10.0	10.0
39350	Chlordane			EPA 8080		NA	
60037	p-Chloroaniline			EPA 8270A	06/22/98	< 20.0	20.0
39460	Chlorobenzilate			EPA 8270A	06/22/98	< 10.0	10.0

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units (µg/l)	Detection Limits/ Units (µg/l)
N/A	4-Chloro-3-methylphenol			EPA 8270A	06/22/98	< 20.0	20.0
34581	2-Chloronaphthalene			EPA 8270A	06/22/98	< 10.0	10.0
34586	2-Chlorophenol			EPA 8270A	06/22/98	< 10.0	10.0
34641	4-Chlorophenyl phenyl ether			EPA 8270A	06/22/98	< 10.0	10.0
34320	Chrysene			EPA 8270A	06/22/98	< 10.0	10.0
N/A	3-Methylphenol			EPA 8270A	06/22/98	< 10.0	10.0
77152	2-Methylphenol			EPA 8270A	06/22/98	< 10.0	10.0
N/A	4-Methylphenol			EPA 8270A	06/22/98	< 10.0	10.0
39730	2,4-D			EPA 8150		NA	
39360	4,4'-DDD			EPA 8080		NA	
39365	4,4'-DDE			EPA 8080		NA	
39370	4,4'-DDT			EPA 8080		NA	
N/A	Diallate			EPA 8270A	06/22/98	< 10.0	10.0
51004	Dibenzo(a,h)anthracene			EPA 8270A	06/22/98	< 10.0	10.0
81302	Dibenzofuran			EPA 8270A	06/22/98	< 10.0	10.0
39110	Di-n-butyl phthalate			EPA 8270A	06/22/98	< 10.0	10.0
34631	3,3'-Dichlorobenzidine			EPA 8270A	06/22/98	< 20.0	20.0
34601	2,4-Dichlorophenol			EPA 8270A	06/22/98	< 10.0	10.0
77541	2,6-Dichlorophenol			EPA 8270A	06/22/98	< 10.0	10.0
39380	Dieldrin			EPA 8080		NA	
34336	Diethyl phthalate			EPA 8270A	06/22/98	< 10.0	10.0
N/A	0,0-Diethyl 0,2-pyrazinyl phosphorothioate			EPA 8270A	06/22/98	< 10.0	10.0
46314	Dimethoate			EPA 8270A	06/22/98	< 10.0	10.0
N/A	p-(Dimethylamino)azobenzene			EPA 8270A	06/22/98	< 10.0	10.0
N/A	7,12-Dimethylbenz(a)anthracene			EPA 8270A	06/22/98	< 10.0	10.0
N/A	3,3'-Dimethylbenzidine			EPA 8270A	06/22/98	< 20.0	20.0
34606	2,4-Dimethylphenol			EPA 8270A	06/22/98	< 10.0	10.0
34341	Dimethyl phthalate			EPA 8270A	06/22/98	< 10.0	10.0
N/A	m-Dinitrobenzene			EPA 8270A	06/22/98	< 10.0	10.0

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units ($\mu\text{g/l}$)	Detection Limits/ Units ($\mu\text{g/l}$)
51008	4,6-Dinitro-o-cresol			EPA 8270A	06/22/98	< 50.0	50.0
34616	2,4-Dinitrophenol			EPA 8270A	06/22/98	< 50.0	50.0
34611	2,4-Dinitrotoluene			EPA 8270A	06/22/98	< 10.0	10.0
34626	2,6-Dinitrotoluene			EPA 8270A	06/22/98	< 10.0	10.0
38779	Dinoseb			EPA 8150		NA	
34596	Di-n-octyl phthalate			EPA 8270A	06/22/98	< 10.0	10.0
77579	Diphenylamine			EPA 8270A	06/22/98	< 10.0	10.0
81888	Disulfoton			EPA 8270A	06/22/98	< 10.0	10.0
34361	Endosulfan I			EPA 8080		NA	
34356	Endosulfan II			EPA 8080		NA	
34351	Endosulfan sulfate			EPA 8080		NA	
39390	Endrin			EPA 8080		NA	
34366	Endrin aldehyde			EPA 8080		NA	
N/A	Ethyl methanesulfonate			EPA 8270A	06/22/98	< 20.0	20.0
38462	Famphur			EPA 8270A	06/22/98	< 20.0	20.0
34376	Fluoranthene			EPA 8270A	06/22/98	< 10.0	10.0
34381	Fluorene			EPA 8270A	06/22/98	< 10.0	10.0
39410	Heptachlor			EPA 8080		NA	
39420	Heptachlor epoxide			EPA 8080		NA	
39700	Hexachlorobenzene			EPA 8270A	06/22/98	< 10.0	10.0
34391	Hexachlorobutadiene			EPA 8270A	06/22/98	< 10.0	10.0
34386	Hexachlorocyclopentadiene			EPA 8270A	06/22/98	< 10.0	10.0
34396	Hexachloroethane			EPA 8270A	06/22/98	< 10.0	10.0
N/A	Hexachloropropene			EPA 8270A	06/22/98	< 10.0	10.0
77033	Isobutyl alcohol			EPA 8260A	06/30/98	< 5.00	5.00
39430	Isodrin			EPA 8270A	06/22/98	< 20.0	20.0
34408	Isophorone			EPA 8270A	06/22/98	< 10.0	10.0
N/A	Isosafrole			EPA 8270A	06/22/98	< 10.0	10.0
81593	Methacrylonitrile			EPA 8260A	06/30/98	< 20.0	20.0

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units ($\mu\text{g/l}$)	Detection Limits/ Units ($\mu\text{g/l}$)
N/A	Methapyrilene			EPA 8270A	06/22/98	< 100	100
39480	Methoxychlor			EPA 8080		NA	
N/A	3-Methylcholanthrene			EPA 8270A	06/22/98	< 10.0	10.0
81597	Methyl methacrylate			EPA 8260A	06/30/98	< 10.0	10.0
N/A	Methyl methanesulfonate			EPA 8270A	06/22/98	< 10.0	10.0
77416	2-Methylnaphthalene			EPA 8270A	06/22/98	< 10.0	10.0
39600	Methyl parathion			EPA 8270A	06/22/98	< 10.0	10.0
34696	Naphthalene			EPA 8270A	06/22/98	< 10.0	10.0
N/A	1,4-Naphthoquinone			EPA 8270A	06/22/98	< 10.0	10.0
N/A	1-Naphthylamine			EPA 8270A	06/22/98	< 10.0	10.0
N/A	2-Naphthylamine			EPA 8270A	06/22/98	< 10.0	10.0
N/A	2-Nitroaniline			EPA 8270A	06/22/98	< 50.0	50.0
78300	3-Nitroaniline			EPA 8270A	06/22/98	< 20.0	20.0
30342	4-Nitroaniline			EPA 8270A	06/22/98	< 40.0	40.0
34447	Nitrobenzene			EPA 8270A	06/22/98	< 10.0	10.0
34591	2-Nitrophenol			EPA 8270A	06/22/98	< 10.0	10.0
34646	4-Nitrophenol			EPA 8270A	06/22/98	< 50.0	50.0
N/A	n-Nitrosodi-n-butylamine			EPA 8270A	06/22/98	< 10.0	10.0
78200	n-Nitrosodiethylamine			EPA 8270A	06/22/98	< 20.0	20.0
34438	n-Nitrosodimethylamine			EPA 8270A	06/22/98	< 10.0	10.0
34433	n-Nitrosodiphenylamine			EPA 8270A	06/22/98	< 10.0	10.0
34428	n-Nitroso-n-dipropylamine			EPA 8270A	06/22/98	< 10.0	10.0
N/A	n-Nitrosomethylethylamine			EPA 8270A	06/22/98	< 10.0	10.0
N/A	n-Nitrosopiperidine			EPA 8270A	06/22/98	< 10.0	10.0
78206	n-Nitrosopyrrolidine			EPA 8270A	06/22/98	< 10.0	10.0
N/A	5-Nitro-o-toluidine			EPA 8270A	06/22/98	< 10.0	10.0
39540	Parathion			EPA 8270A	06/22/98	< 10.0	10.0
77793	Pentachlorobenzene			EPA 8270A	06/22/98	< 10.0	10.0
81316	Pentachloronitrobenzene			EPA 8270A	06/22/98	< 10.0	10.0

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units (µg/l)	Detection Limits/ Units (µg/l)
39032	Pentachlorophenol			EPA 8270A	06/22/98	<10.0	10.0
N/A	Phenacetin			EPA 8270A	06/22/98	<10.0	10.0
34461	Phenanthrene			EPA 8270A	06/22/98	<10.0	10.0
32730	Phenol			EPA 8270A	06/22/98	<10.0	10.0
N/A	p-Phenylenediamine			EPA 8270A	06/22/98	<10.0	10.0
46313	Phorate			EPA 8270A	06/22/98	<10.0	10.0
39516	PCBs			EPA 8080		NA	
39080	Pronamide			EPA 8270A	06/22/98	<10.0	10.0
77007	Propionitrile			EPA 8260A	06/30/98	<10.0	10.0
34469	Pyrene			EPA 8270A	06/22/98	<10.0	10.0
77545	Safrole			EPA 8270A	06/22/98	<10.0	10.0
39760	Silvex			EPA 8150		NA	
81520	Chloroprene			EPA 8260A	06/30/98	<50.0	50.0
00746	Sulfide			EPA 376.2	06/19/98	<40.0	40.0
39740	2,4,5-T			EPA 8150		NA	
77734	1,2,4,5-Tetrachlorobenzene			EPA 8270A	06/22/98	<10.0	10.0
N/A	2,3,4,6-Tetrachlorophenol			EPA 8270A	06/22/98	<10.0	10.0
77142	o-Toluidine			EPA 8270A	06/22/98	<10.0	10.0
39400	Toxaphene			EPA 8080		NA	
34551	1,2,4-Trichlorobenzene			EPA 8270A	06/22/98	<10.0	10.0
77687	2,4,5-Trichlorophenol			EPA 8270A	06/22/98	<10.0	10.0
34621	2,4,6-Trichlorophenol			EPA 8270A	06/22/98	<10.0	10.0
N/A	Triethyl phosphorothioate			EPA 8270A	06/22/98	<10.0	10.0
N/A	1,3,5-Trinitrobenzene			EPA 8270A	06/22/98	<10.0	10.0
77173	1,3-Dichloropropane			EPA 8260A	06/30/98	<5.00	5.00
77170	2,2-Dichloropropane			EPA 8260A	06/30/98	<5.00	5.00
77168	1,1-Dichloropropene			EPA 8260A	06/30/98	<5.00	5.00
34566	1,3-Dichlorobenzene			EPA 8260A	06/30/98	<5.00	5.00

Received: 06/17/98

Results by Sample

SAMPLE ID <u>4MW 150 RESOURCE RECOVERY</u>		SAMPLE # <u>02</u>		FRACTIONS: <u>A</u>	
Date & Time Collected <u>06/16/98 13:15:00</u> Category <u>LIQUID</u>					
<u>AG</u>	<u>ND</u>	<u>AS</u>	<u>ND</u>	<u>BA</u>	<u>0.021</u>
mg/L DL=0.005		mg/L DL=0.005		mg/L DL=0.005	
6/23/98BED		6/23/98BED		6/23/98BED	
<u>BE</u>	<u>ND</u>	<u>CD</u>	<u>ND</u>	<u>CM_TOT</u>	<u>ND</u>
mg/L DL=0.005		mg/L DL=0.005		mg/L DL=0.010	
6/23/98BED		6/23/98BED		6/24/98MO	
<u>CO</u>	<u>ND</u>	<u>CR</u>	<u>ND</u>	<u>CU</u>	<u>ND</u>
mg/L DL=0.005		mg/L DL=0.005		mg/L DL=0.005	
6/23/98BED		6/23/98BED		6/23/98BED	
<u>NI</u>	<u>ND</u>	<u>PG</u>	<u>ND</u>	<u>PH</u>	<u>ND</u>
mg/L DL=0.005		mg/L DL=0.005		mg/L DL=0.005	
6/23/98BED		6/23/98BED		6/23/98BED	
<u>PHENOL</u>	<u>ND</u>	<u>SB</u>	<u>ND</u>	<u>SE</u>	<u>ND</u>
mg/L DL=0.010		mg/L DL=0.005		mg/L DL=0.005	
6/25/98MO		6/23/98BED		6/23/98BED	
<u>SM</u>	<u>ND</u>	<u>S_FID</u>	<u>ND</u>	<u>TL</u>	<u>ND</u>
mg/L DL=0.300		mg/L DL=0.04		mg/L DL=0.009	
6/23/98BED		6/19/98JH		6/23/98BED	
<u>V</u>	<u>ND</u>	<u>ZN</u>	<u>0.014</u>		
mg/L DL=0.005		mg/L DL=0.005			
6/23/98BED		6/23/98BED			

Received: 06/17/98

Results by Sample

SAMPLE ID 4MW 15D RESOURCE RECOVERY FRACTION 02A TEST CODE 504 NAME EDB AND DBCP BY GC
 Date & Time Collected 06/16/98 13:15:00 Category LIQUID

EPA METHOD 504

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

NOTES AND DEFINITIONS FOR THIS REPORT

DATE RUN..... ~~07/19/98~~ 6-19-98 *JWY per RAS*
 INSTRUMENT..... GC
 UNITS..... ug/L
 ND = NOT DETECTED AT DETECTION LIMITS

Received: 06/17/98

Results by Sample

SAMPLE ID 4MW 150 RESOURCE RECOVERY FRACTION 02A TEST CODE 8260A2 NAME PURGEABLE ORGANICS VOA
 Date & Time Collected 06/16/98 13:15:00 Category LIQUID

EPA 8260A PURGEABLE ORGANICS

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

Surrogates	% Recovery	Surrogate Limits
Dibromofluoromethane	_____	_____ - _____
Toluene-d8	_____	_____ - _____
Bromofluorobenzene	_____	_____ - _____

Notes and Definitions for this Report:

DATE RUN: 06/30/98ANALYST: XLINSTRUMENT: GDIL. FACTOR: 1

COMMENTS: _____

UNITS: ug/L

SAMPLE ID 4MW 15D RESOURCE RECOVERY FRACTION 02A TEST CODE 8270A2 NAME A/BM EXTRACTABLES SOIL
 Date & Time Collected 06/16/98 13:15:00 Category LIQUID

EPA METHOD 8270A

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

CONTINUED ON FOLLOWING PAGE

SAMPLE ID 4MW 15D RESOURCE RECOVERY FRACTION 02A TEST CODE 8270A2 NAME A/BM EXTRACTABLES SOIL
 Date & Time Collected 06/16/98 13:15:00 Category LIQUID

EPA METHOD 8270A

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

Notes and Definitions for this Report:

UNITS: ug/L
 EXTRACTED: 06/19/98
 DATE RUN: 06/22/98
 ANALYST: PC
 INSTRUMENT: C
 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
Chromatography.

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

TEST CODE 8260A2 NAME PURGEABLE ORGANICS VOA

Method not available.

TEST CODE 8270A2 NAME A/BN EXTRACTABLES SOIL

Method not available.

TEST CODE AG NAME SILVER

STORET NUMBER 900215
EPA METHOD 200.7/6010B, SM3120

TEST CODE AS NAME ARSENIC

STORET CODE: 900208
EPA METHOD 200.7/6010B, SM3120

TEST CODE BA NAME BARIUM

STORET NUMBER 900209
EPA METHOD 200.7/6010B, SM3120

TEST CODE BE NAME BERYLLIUM

EPA METHOD 200.7/6010B, SM3120

TEST CODE CD NAME CADMIUM

STORET CODE: 900210
EPA METHOD 200.7/6010B, SM3120

TEST CODE CN TOT NAME CYANIDE TOTAL

EPA METHOD: 335.2 for water sample

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

EPA METHOD: 9010 for soil sample

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

Received: 06/17/98

Test Methodology

TEST CODE CO NAME COBALT

Method not available.

TEST CODE CR NAME CHROMIUM

STORET CODE: 900211
EPA METHOD 200.7/6010B, SM3120

TEST CODE CU NAME COPPER

EPA METHOD 200.7/6010B, SM3120

TEST CODE HG NAME MERCURY

STORET CODE: 071900
EPA METHOD (COLD VAPOR) 245.1/7471

TEST CODE NI NAME NICKEL

EPA METHOD 200.7/6010B, SM3120

TEST CODE PB NAME LEAD

STORET CODE: 900212
EPA METHOD 200.7/6010B, SM3120

TEST CODE PHENOL NAME PHENOL

EPA METHOD: 420.2 for water sample

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

EPA METHOD: 9065 for soil sample

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

TEST CODE SB NAME ANTIMONY

EPA METHOD 200.7/6010B, SM3120

TEST CODE SE NAME SELENIUM

STORET NUMBER 900214
EPA METHOD 200.7/6010B, SM3120

TEST CODE SM NAME TIN

EPA METHOD 200.7/6010B, SM3120

Received: 06/17/98

Test Methodology

TEST CODE S FID NAME SULFIDE

EPA METHOD: 376.2

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

TEST CODE TL NAME THALLIUM

EPA METHOD 200.7/6010B, SM3120

TEST CODE ZN NAME Zinc

EPA METHOD 200.7/6010B, SM3120



PASCO COUNTY, FLORIDA

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

DHRS # 44237, E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

PROJECT NAME: RES REC GWM
DATE: 07/15/98

(Page 1 of 1)

M11

LAB No.	SAMPLE		SAMPLER	DELIVERY TO LAB	
	DATE	TIME		DATE	TIME MATRIX
68726	07/01/98	1125	CHRIS CHILDRESS	07/01/98	1240 WW

CLIENT STATION ID: 4MW-15-D
LAB #: 68726

WATER LEVEL	FEET	33.05
FIELD PH	STD. UNITS	7.02
FIELD TEMPERATURE	DEGREES C	25.40
FIELD CONDUCTIVITY	umhos/cm	675
DISSOLVED OXYGEN, FIELD	mg/L	1.00
MERCURY, TOTAL	mg/L	0.0004

LABORATORY DIRECTOR

RECEIVED

07 15 1998

Solid Waste Section

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030 Sampling Date/Time: 06/17/98 @ 0950
 Test Site ID #: _____ Report Period: 1998 / Semester I
 (year/quarter)
 Well Name: 4MW-16D Well Purged (Y/N): YES
 Classification of Groundwater: Floridan Well Type: () Background
 () Intermediate
 Groundwater Elevation (NGVD): _____ 77/2 () Compliance
 or (MSL): 35.07 () Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000929	Sodium	Wel Wiz. Ded. Mon. System	No	SM 3111B	06/18/98 1600	6.40 mg/L	0.01 mg/L
001045	Iron	"	"	SM 3111B	06/22/98 0940	0.09 mg/L	0.02 mg/L
071900	Mercury	"	"	SM 3112B	06/22/98 1430	0.0005 mg/L	0.0002 mg/L
000400	pH-Field	"	"	SM 4500H+B	06/17/98 0950	7.10 Std. Units	0.01 Std. Units
000010	Temperature (Field)	"	"	SM 2550B	06/17/98 0950	25.00 °C	0 °C
000095	Specific Cond. (Field)	"	"	SM 2510B	06/17/98 0950	305 µmhos/cm	0.0 µmhos/cm
000344	D.O. (Field)	"	"	SM 45000G	06/17/98 0950	1.20 mg/L	0.0 mg/L
082079	Turbidity	"	"	SM 2130B	06/17/98 1505	1.29 NTU	0.01 NTU
000940	Chloride	"	"	SM 4500CI-B	06/22/98 1100	13.8 mg/L	0.15 mg/L
070300	Total Dis. Solids	"	"	SM 2540C	06/18/98 1600	206 mg/L	1 mg/L
000610	Ammonia	"	"	SM 4500NH ₃ H	06/23/98 1230	<0.03 mg/L	0.03 mg/L
000620	Nitrate	"	"	SM 4500N ₃ F	06/19/98 1600	0.47 mg/L	0.11 mg/L
072020	Water Level (MSL)	"	"	"	06/17/98 1200	35.07 Feet	Feet
900216	Color	"	"	SM 2120B	06/24/98 1530	10 PCU	0.0 PCU

INFORMATION

OCT 15 1998

*Attach Laboratory Reports

Solid Waste Section

***PART III - ANALYTICAL RESULTS**

Facility GMS #: _____

Sampling Date/Time: 06/17/98 @ 09:50

Test Site ID #: _____

Report Period: _____
(Year/Quarter)

WELL NAME: 4MW 16

Well Type: () Background

Classification of Ground Water: _____

() Intermediate

Ground Water Elevation (NGVD): _____

() Compliance

or (MSL): _____

() Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units (mg/l)	Detection Limits/ Units (mg/l)
00010	Temperature (field)					degree,C	
00400	pH (field)					Std. Units	Std. Units
	Water Level Elev.					Ft. NGVD	Ft. NGVD
00094	Specific Cond. (field)					µmhos/cm	µmhos/cm
01097	Antimony			EPA 200.7	06/23/98	<0.005	0.005
01002	Arsenic			EPA 200.7	06/23/98	<0.005	0.005
01007	Barium			EPA 200.7	06/23/98	0.016	0.005
01012	Beryllium			EPA 200.7	06/23/98	<0.005	0.005
01027	Cadmium			EPA 200.7	06/23/98	<0.005	0.005
01034	Chromium			EPA 200.7	06/23/98	<0.005	0.005
01037	Cobalt			EPA 200.7	06/23/98	<0.005	0.005
01042	Copper			EPA 200.7	06/23/98	<0.005	0.005
01051	Lead			EPA 200.7	06/23/98	<0.005	0.005
01067	Nickel			EPA 200.7	06/23/98	<0.005	0.005
01147	Selenium			EPA 200.7	06/23/98	<0.005	0.005
01077	Silver			EPA 200.7	06/23/98	<0.005	0.005
01057	Thallium			EPA 200.7	06/23/98	<0.009	0.009
01085	Vanadium			EPA 200.7	06/23/98	<0.005	0.005
71900	Mercury			EPA 245.1	06/19/98	<0.0002	0.0002
01102	Tin			EPA 200.7	06/23/98	<0.300	0.300
01092	Zinc			EPA 200.7	06/23/98	0.011	0.005
00720	Cyanide			EPA 335.2	06/24/98	<0.010	0.010

PART III - ANALYTICAL RESULTS (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units ($\mu\text{g/l}$)	Detection Limits/ Units ($\mu\text{g/l}$)
81552	Acetone			EPA 8260A	06/30/98	< 50.0	50.0
34215	Acrylonitrile			EPA 8260A	06/30/98	< 10.0	10.0
34235	Benzene			EPA 8260A	06/30/98	< 5.00	5.00
N/A	Bromochloromethane			EPA 8260A	06/30/98	< 5.00	5.00
32101	Bromodichloromethane			EPA 8260A	06/30/98	< 5.00	5.00
32104	Bromoform			EPA 8260A	06/30/98	< 5.00	5.00
77041	Carbon disulfide			EPA 8260A	06/30/98	< 5.00	5.00
32102	Carbon tetrachloride			EPA 8260A	06/30/98	< 10.0	10.0
34301	Chlorobenzene			EPA 8260A	06/30/98	< 5.00	5.00
34311	Chloroethane			EPA 8260A	06/30/98	< 10.0	10.0
32106	Chloroform			EPA 8260A	06/30/98	< 5.00	5.00
32105	Dibromochloromethane			EPA 8260A	06/30/98	< 5.00	5.00
38761	1,2-Dibromo-3-chloropropane			EPA 504	06/19/98	< 0.020	0.020
77651	1,2-Dibromoethane			EPA 504	06/19/98	< 0.020	0.020
34537	o-Dichlorobenzene			EPA 8260A	06/30/98	< 5.00	5.00
34571	p-Dichlorobenzene			EPA 8260A	06/30/98	< 5.00	5.00
49263	trans-1,4-Dichloro-2-butene			EPA 8260A	06/30/98	< 50.0	50.0
34496	1,1-Dichloroethane			EPA 8260A	06/30/98	< 5.00	5.00
32103	1,2-Dichloroethane			EPA 8260A	06/30/98	< 5.00	5.00
34502	1,1-Dichloroethene			EPA 8260A	06/30/98	< 5.00	5.00
81686	cis-1,2-Dichloroethene			EPA 8260A	06/30/98	< 5.00	5.00
34546	trans-1,2-Dichloroethene			EPA 8260A	06/30/98	< 5.00	5.00
34541	1,2-Dichloropropane			EPA 8260A	06/30/98	< 5.00	5.00
34704	cis-1,3-Dichloropropene			EPA 8260A	06/30/98	< 5.00	5.00
34699	trans-1,3-Dichloropropene			EPA 8260A	06/30/98	< 5.00	5.00
78113	Ethylbenzene			EPA 8260A	06/30/98	< 5.00	5.00
77103	2-Hexanone			EPA 8260A	06/30/98	< 10.0	10.0
34413	Methyl bromide			EPA 8260A	06/30/98	< 5.00	5.00

FART III - ANALYTICAL RESULTS (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units (µg/l)	Detection Limits/ Units (µg/l)
34418	Methyl chloride			EPA 8260A	06/30/98	< 5.00	5.00
77596	Methylene bromide			EPA 8260A	06/30/98	< 10.0	10.0
34423	Methylene chloride			EPA 8260A	06/30/98	< 10.0	10.0
81595	Methyl ethyl ketone			EPA 8260A	06/30/98	< 10.0	10.0
49262	Methyl iodide			EPA 8260A	06/30/98	< 10.0	10.0
78133	4-Methyl-2-pentanone			EPA 8260A	06/30/98	< 10.0	10.0
77128	Styrene			EPA 8260A	06/30/98	< 5.00	5.00
77562	1,1,1,2-Tetrachloroethane			EPA 8260A	06/30/98	< 5.00	5.00
34516	1,1,1,2-Tetrachloroethane			EPA 8260A	06/30/98	< 5.00	5.00
34476	Tetrachloroethene			EPA 8260A	06/30/98	< 5.00	5.00
78131	Toluene			EPA 8260A	06/30/98	< 5.00	5.00
34506	1,1,1-Trichloroethane			EPA 8260A	06/30/98	< 5.00	5.00
34511	1,1,2-Trichloroethane			EPA 8260A	06/30/98	< 5.00	5.00
34485	Trichloroethene			EPA 8260A	06/30/98	< 5.00	5.00
34488	Trichlorofluoromethane			EPA 8260A	06/30/98	< 5.00	5.00
77443	1,2,3-Trichloropropane			EPA 8260A	06/30/98	< 5.00	5.00
77057	Vinyl acetate			EPA 8260A	06/30/98	< 5.00	5.00
39175	Vinyl chloride			EPA 8260A	06/30/98	< 5.00	5.00
81551	Xylenes			EPA 8260A	06/30/98	< 5.00	5.00

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units ($\mu\text{g/l}$)	Detection Limits/ Units ($\mu\text{g/l}$)
34205	Acenaphthene			EPA 8270A	07/22/98	< 10.0	10.0
34200	Acenaphthylene			EPA 8270A	07/22/98	< 10.0	10.0
N/A	Acetonitrile			EPA 8260A	07/22/98	< 5.00	5.00
81553	Acetophenone			EPA 8270A	07/22/98	< 10.0	10.0
N/A	2-Acetylaminofluorene			EPA 8270A	07/22/98	< 20.0	20.0
34210	Acrolein			EPA 8260A	06/30/98	< 100	100
39330	Aldrin			EPA 8080		NA	
78109	Allyl chloride			EPA 8260A	06/30/98	< 10.0	10.0
N/A	4-Aminobiphenyl			EPA 8270A	07/22/98	< 20.0	20.0
34220	Anthracene			EPA 8270A	07/22/98	< 10.0	10.0
34527	Benzo(a)anthracene			EPA 8270A	07/22/98	< 10.0	10.0
34230	Benzo(b)fluoranthene			EPA 8270A	07/22/98	< 10.0	10.0
34242	Benzo(k)fluoranthene			EPA 8270A	07/22/98	< 10.0	10.0
34521	Benzo(ghi)perylene			EPA 8270A	07/22/98	< 10.0	10.0
34247	Benzo(a)pyrene			EPA 8270A	07/22/98	< 10.0	10.0
77147	Benzyl alcohol			EPA 8270A	07/22/98	< 20.0	20.0
34253	alpha-BHC			EPA 8080		NA	
34255	beta-BHC			EPA 8080		NA	
34259	delta-BHC			EPA 8080		NA	
39340	gamma-BHC			EPA 8080		NA	
34278	Bis(2-chloroethoxy)methane			EPA 8270A	07/22/98	< 10.0	10.0
34273	Bis(2-chloroethyl)ether			EPA 8270A	07/22/98	< 10.0	10.0
34283	Bis(2-chloroisopropyl)ether			EPA 8270A	07/22/98	< 10.0	10.0
39100	Bis(2-ethylhexyl)phthalate			EPA 8270A	07/22/98	< 10.0	10.0
34636	4-Bromophenyl phenyl ether			EPA 8270A	07/22/98	< 10.0	10.0
51003	Butyl benzyl phthalate			EPA 8270A	07/22/98	< 10.0	10.0
39350	Chlordane			EPA 8080		NA	
60037	p-Chloroaniline			EPA 8270A	07/22/98	< 20.0	20.0
39460	Chlorobenzilate			EPA 8270A	07/22/98	< 10.0	10.0

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	07/22/98	< 20.0	20.0
34581	2-Chloronaphthalene			EPA 8270A	07/22/98	< 10.0	10.0
34586	2-Chlorophenol			EPA 8270A	07/22/98	< 10.0	10.0
34641	4-Chlorophenyl phenyl ether			EPA 8270A	07/22/98	< 10.0	10.0
34320	Chrysene			EPA 8270A	07/22/98	< 10.0	10.0
N/A	3-Methylphenol			EPA 8270A	07/22/98	< 10.0	10.0
77152	2-Methylphenol			EPA 8270A	07/22/98	< 10.0	10.0
N/A	4-Methylphenol			EPA 8270A	07/22/98	< 10.0	10.0
39730	2,4-D			EPA 8150		NA	
39360	4,4'-DDD			EPA 8080		NA	
39365	4,4'-DDE			EPA 8080		NA	
39370	4,4'-DDT			EPA 8080		NA	
N/A	Diallate			EPA 8270A	07/22/98	< 10.0	10.0
51004	Dibenzo(a,h)anthracene			EPA 8270A	07/22/98	< 10.0	10.0
81302	Dibenzofuran			EPA 8270A	07/22/98	< 10.0	10.0
39110	Di-n-butyl phthalate			EPA 8270A	07/22/98	< 10.0	10.0
34631	3,3'-Dichlorobenzidine			EPA 8270A	07/22/98	< 20.0	20.0
34601	2,4-Dichlorophenol			EPA 8270A	07/22/98	< 10.0	10.0
77541	2,6-Dichlorophenol			EPA 8270A	07/22/98	< 10.0	10.0
39380	Dieldrin			EPA 8080		NA	
34336	Diethyl phthalate			EPA 8270A	07/22/98	< 10.0	10.0
N/A	0,0-Diethyl 0,2-pyrazinyl phosphorothioate			EPA 8270A	07/22/98	< 10.0	10.0
46314	Dimethoate			EPA 8270A	07/22/98	< 10.0	10.0
N/A	p-(Dimethylamino)azobenzene			EPA 8270A	07/22/98	< 10.0	10.0
N/A	7,12-Dimethylbenz(a)anthracene			EPA 8270A	07/22/98	< 10.0	10.0
N/A	3,3'-Dimethylbenzidine			EPA 8270A	07/22/98	< 20.0	20.0
34606	2,4-Dimethylphenol			EPA 8270A	07/22/98	< 10.0	10.0
34341	Dimethyl phthalate			EPA 8270A	07/22/98	< 10.0	10.0
N/A	m-Dinitrobenzene			EPA 8270A	07/22/98	< 10.0	10.0

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units ($\mu\text{g/l}$)	Detection Limits/ Units ($\mu\text{g/l}$)
51008	4,6-Dinitro-o-cresol			EPA 8270A	07/22/98	< 50.0	50.0
34616	2,4-Dinitrophenol			EPA 8270A	07/22/98	< 50.0	50.0
34611	2,4-Dinitrotoluene			EPA 8270A	07/22/98	< 10.0	10.0
34626	2,6-Dinitrotoluene			EPA 8270A	07/22/98	< 10.0	10.0
38779	Dinoseb			EPA 8150		NA	
34596	Di-n-octyl phthalate			EPA 8270A	07/22/98	< 10.0	10.0
77579	Diphenylamine			EPA 8270A	07/22/98	< 10.0	10.0
81888	Disulfoton			EPA 8270A	07/22/98	< 10.0	10.0
34361	Endosulfan I			EPA 8080		NA	
34356	Endosulfan II			EPA 8080		NA	
34351	Endosulfan sulfate			EPA 8080		NA	
39390	Endrin			EPA 8080		NA	
34366	Endrin aldehyde			EPA 8080		NA	
N/A	Ethyl methanesulfonate			EPA 8270A	07/22/98	< 20.0	20.0
38462	Famphur			EPA 8270A	07/22/98	< 20.0	20.0
34376	Fluoranthene			EPA 8270A	07/22/98	< 10.0	10.0
34381	Fluorene			EPA 8270A	07/22/98	< 10.0	10.0
39410	Heptachlor			EPA 8080		NA	
39420	Heptachlor epoxide			EPA 8080		NA	
39700	Hexachlorobenzene			EPA 8270A	07/22/98	< 10.0	10.0
34391	Hexachlorobutadiene			EPA 8270A	07/22/98	< 10.0	10.0
34386	Hexachlorocyclopentadiene			EPA 8270A	07/22/98	< 10.0	10.0
34396	Hexachloroethane			EPA 8270A	07/22/98	< 10.0	10.0
N/A	Hexachloropropene			EPA 8270A	07/22/98	< 10.0	10.0
77033	Isobutyl alcohol			EPA 8260A	06/30/98	< 5.00	5.00
39430	Isodrin			EPA 8270A	07/22/98	< 20.0	20.0
34408	Isophorone			EPA 8270A	07/22/98	< 10.0	10.0
N/A	Isosafrole			EPA 8270A	07/22/98	< 10.0	10.0
81593	Methacrylonitrile			EPA 8260A	06/30/98	< 20.0	20.0

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units ($\mu\text{g/l}$)	Detection Limits/ Units ($\mu\text{g/l}$)
N/A	Methapyrilene			EPA 8270A	07/22/98	< 100	100
39480	Methoxychlor			EPA 8080		NA	
N/A	3-Methylcholanthrene			EPA 8270A	07/22/98	< 10.0	10.0
81597	Methyl methacrylate			EPA 8260A	06/30/98	< 10.0	10.0
N/A	Methyl methanesulfonate			EPA 8270A	07/22/98	< 10.0	10.0
77416	2-Methylnaphthalene			EPA 8270A	07/22/98	< 10.0	10.0
39600	Methyl parathion			EPA 8270A	07/22/98	< 10.0	10.0
34696	Naphthalene			EPA 8270A	07/22/98	< 10.0	10.0
N/A	1,4-Naphthoquinone			EPA 8270A	07/22/98	< 10.0	10.0
N/A	1-Naphthylamine			EPA 8270A	07/22/98	< 10.0	10.0
N/A	2-Naphthylamine			EPA 8270A	07/22/98	< 10.0	10.0
N/A	2-Nitroaniline			EPA 8270A	07/22/98	< 50.0	50.0
78300	3-Nitroaniline			EPA 8270A	07/22/98	< 20.0	20.0
30342	4-Nitroaniline			EPA 8270A	07/22/98	< 40.0	40.0
34447	Nitrobenzene			EPA 8270A	07/22/98	< 10.0	10.0
34591	2-Nitrophenol			EPA 8270A	07/22/98	< 10.0	10.0
34646	4-Nitrophenol			EPA 8270A	07/22/98	< 50.0	50.0
N/A	n-Nitrosodi-n-butylamine			EPA 8270A	07/22/98	< 10.0	10.0
78200	n-Nitrosodiethylamine			EPA 8270A	07/22/98	< 20.0	20.0
34438	n-Nitrosodimethylamine			EPA 8270A	07/22/98	< 10.0	10.0
34433	n-Nitrosodiphenylamine			EPA 8270A	07/22/98	< 10.0	10.0
34428	n-Nitroso-n-dipropylamine			EPA 8270A	07/22/98	< 10.0	10.0
N/A	n-Nitrosomethylethylamine			EPA 8270A	07/22/98	< 10.0	10.0
N/A	n-Nitrosopiperidine			EPA 8270A	07/22/98	< 10.0	10.0
78206	n-Nitrosopyrrolidine			EPA 8270A	07/22/98	< 10.0	10.0
N/A	5-Nitro-o-toluidine			EPA 8270A	07/22/98	< 10.0	10.0
39540	Parathion			EPA 8270A	07/22/98	< 10.0	10.0
77793	Pentachlorobenzene			EPA 8270A	07/22/98	< 10.0	10.0
81316	Pentachloronitrobenzene			EPA 8270A	07/22/98	< 10.0	10.0

Store Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units ($\mu\text{g/l}$)	Detection Limits/ Units ($\mu\text{g/l}$)
39032	Pentachlorophenol			EPA 8270A	07/22/98	< 10.0	10.0
N/A	Phenacetin			EPA 8270A	07/22/98	< 10.0	10.0
34461	Phenanthrene			EPA 8270A	07/22/98	< 10.0	10.0
32730	Phenol			EPA 8270A	07/22/98	< 10.0	10.0
N/A	p-Phenylenediamine			EPA 8270A	07/22/98	< 10.0	10.0
46313	Phorate			EPA 8270A	07/22/98	< 10.0	10.0
39516	PCBs			EPA 8080		NA	
39080	Pronamide			EPA 8270A	07/22/98	< 10.0	10.0
77007	Propionitrile			EPA 8260A	06/30/98	< 10.0	10.0
34469	Pyrene			EPA 8270A	07/22/98	< 10.0	10.0
77545	Safrole			EPA 8270A	07/22/98	< 10.0	10.0
39760	Silvex			EPA 8150		NA	
81520	Chloroprene			EPA 8260A	06/30/98	< 50.0	50.0
00746	Sulfide			EPA 376.2	06/19/98	< 40.0	40.0
39740	2,4,5-T			EPA 8150		NA	
77734	1,2,4,5-Tetrachlorobenzene			EPA 8270A	07/22/98	< 10.0	10.0
N/A	2,3,4,6-Tetrachlorophenol			EPA 8270A	07/22/98	< 10.0	10.0
77142	o-Toluidine			EPA 8270A	07/22/98	< 10.0	10.0
39400	Toxaphene			EPA 8080		NA	
34551	1,2,4-Trichlorobenzene			EPA 8270A	07/22/98	< 10.0	10.0
77687	2,4,5-Trichlorophenol			EPA 8270A	07/22/98	< 10.0	10.0
34621	2,4,6-Trichlorophenol			EPA 8270A	07/22/98	< 10.0	10.0
N/A	Triethyl phosphorothioate			EPA 8270A	07/22/98	< 10.0	10.0
N/A	1,3,5-Trinitrobenzene			EPA 8270A	07/22/98	< 10.0	10.0
77173	1,3-Dichloropropane			EPA 8260A	06/30/98	< 5.00	5.00
77170	2,2-Dichloropropane			EPA 8260A	06/30/98	< 5.00	5.00
77168	1,1-Dichloropropene			EPA 8260A	06/30/98	< 5.00	5.00
34566	1,3-Dichlorobenzene			EPA 8260A	06/30/98	< 5.00	5.00

Received: 06/18/98

Results by Sample

SAMPLE ID <u>4MW 16 RESOURCE RECOVERY</u>		SAMPLE # <u>04</u>		FRACTIONS: <u>A</u>	
Date & Time Collected <u>06/17/98 09:50:00</u> Category <u>LIQUID</u>					
AG	ND	AS	ND	BA	0.016
mg/L DL=0.005		mg/L DL=0.005		mg/L DL=0.005	
6/23/98BED		6/23/98BED		6/23/98BED	
BE	ND	CD	ND	CM_TOT	ND
mg/L DL=0.005		mg/L DL=0.005		mg/L DL=0.010	
6/23/98BED		6/23/98BED		6/24/98MO	
CO	ND	CR	ND	CJ	ND
mg/L DL=0.005		mg/L DL=0.005		mg/L DL=0.005	
6/23/98BED		6/23/98BED		6/23/98BED	
CG	ND	CH	ND	CI	ND
mg/L DL=0.0002		mg/L DL=0.005		mg/L DL=0.005	
6/19/98JH		6/23/98BED		6/23/98BED	
PHENOL	ND	SB	ND	SE	ND
mg/L DL=0.010		mg/L DL=0.005		mg/L DL=0.005	
6/25/98MO		6/23/98BED		6/23/98BED	
SN	ND	S_FID	ND	TL	ND
mg/L DL=0.300		mg/L DL=0.04		mg/L DL=0.009	
6/23/98BED		6/19/98JH		6/23/98BED	
V	ND	ZN	0.011		
mg/L DL=0.005		mg/L DL=0.005			
6/23/98BED		6/23/98BED			

Received: 06/18/98

Results by Sample

SAMPLE ID 4MW 16 RESOURCE RECOVERY FRACTION 04A TEST CODE 504 NAME EDB AND DBCP BY GC

Date & Time Collected 06/17/98 09:50:00 Category LIQUID

EPA METHOD 504

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

NOTES AND DEFINITIONS FOR THIS REPORT

DATE RUN..... 06/19/98

INSTRUMENT..... GC

UNITS..... ug/L

ND = NOT DETECTED AT DETECTION LIMITS

Received: 06/18/98

Results by Sample

SAMPLE ID 4MW 16 RESOURCE RECOVERY FRACTION 04A TEST CODE 8260A2 NAME PURGEABLE ORGANICS VOADate & Time Collected 06/17/98 09:50:00Category LIQUID**EPA 8260A PURGEABLE ORGANICS**

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

Surrogates	% Recovery	Surrogate Limits
Dibromofluoromethane	_____	_____ - _____
Toluene-d8	_____	_____ - _____
Bromofluorobenzene	_____	_____ - _____

Notes and Definitions for this Report:

DATE RUN: 06/30/98ANALYST: XLINSTRUMENT: GDIL. FACTOR: 1

COMMENTS: _____

UNITS: ug/L

Received: 06/18/98

Results by Sample

SAMPLE ID 4MW 16 RESOURCE RECOVERY FRACTION 04A TEST CODE 8270A2 NAME A/BM EXTRACTABLES SOIL
 Date & Time Collected 06/17/98 09:50:00 Category LIQUID

EPA METHOD 8270A

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

CONTINUED ON FOLLOWING PAGE

SAMPLE ID 4MW 16 RESOURCE RECOVERY FRACTION 04A TEST CODE 8270A2 NAME A/BW EXTRACTABLES SOIL
Date & Time Collected 06/17/98 09:50:00 Category LIQUID

EPA METHOD 8270A

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

Notes and Definitions for this Report:

UNITS: ug/L
EXTRACTED: 06/23/98
DATE RUN: 07/22/98
ANALYST: PG
INSTRUMENT: F
DIL. FACTOR: 1

ND = not detected at detection limit

Received: 06/18/98

Test Methodology

TEST CODE 504 NAME EDB AND DBCP BY GC

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

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

TEST CODE 8260A2 NAME PURGEABLE ORGANICS VOA

Method not available.

TEST CODE 8270A2 NAME A/BM EXTRACTABLES SOIL

Method not available.

TEST CODE AG NAME SILVER

STORET NUMBER 900215
EPA METHOD 200.7/6010B, SM3120

TEST CODE AS NAME ARSENIC

STORET CODE: 900208
EPA METHOD 200.7/6010B, SM3120

TEST CODE BA NAME BARIUM

STORET NUMBER 900209
EPA METHOD 200.7/6010B, SM3120

TEST CODE BE NAME BERYLLIUM

EPA METHOD 200.7/6010B, SM3120

TEST CODE CD NAME CADMIUM

STORET CODE: 900210
EPA METHOD 200.7/6010B, SM3120

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.

OCT 15 1998

Solid Waste Section

Received: 06/18/98

Test Methodology

TEST CODE CO NAME COBALT

Method not available.

TEST CODE CR NAME CHROMIUM

STORET CODE: 900211
EPA METHOD 200.7/6010B, SM3120

TEST CODE CJ NAME COPPER

EPA METHOD 200.7/6010B, SM3120

TEST CODE HG NAME MERCURY

STORET CODE: 071900
EPA METHOD (COLD VAPOR) 245.1/7471

TEST CODE NI NAME NICKEL

EPA METHOD 200.7/6010B, SM3120

TEST CODE PB NAME LEAD

STORET CODE: 900212
EPA METHOD 200.7/6010B, SM3120

TEST CODE PHEMOL NAME PHEMOL

EPA METHOD: 420.2 for water sample

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

EPA METHOD: 9065 for soil sample

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

TEST CODE SB NAME ANTIMONY

EPA METHOD 200.7/6010B, SM3120

TEST CODE SE NAME SELENIUM

STORET NUMBER 900214
EPA METHOD 200.7/6010B, SM3120

TEST CODE SN NAME TIN

EPA METHOD 200.7/6010B, SM3120

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TOXIKOM CORP. REPORT
Test Methodology

Work Order # 98-06-065

TEST CODE S_FID NAME SULFIDE

EPA METHOD: 376.2

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

TEST CODE TL NAME THALLIUM

EPA METHOD 200.7/6010B, SM3120

TEST CODE ZN NAME Zinc

EPA METHOD 200.7/6010B, SM3120

Received: 06/18/98

Results by Sample

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

EPA METHOD 504

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

NOTES AND DEFINITIONS FOR THIS REPORT

DATE RUN..... 06/19/98

INSTRUMENT..... GC

UNITS..... ug/L

ND = NOT DETECTED AT DETECTION LIMITS

Received: 06/18/98

Results by Sample

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

EPA 8260A PURGEABLE ORGANICS

	RESULT	LIMIT		RESULT	LIMIT
Acetone	ND	50.0			
Acetonitrile	ND	5.00	Ethylbenzene	ND	5.00
Acrolein	ND	100	Ethyl methacrylate	ND	10.0
Acrylonitrile	ND	10.0	2-Hexanone	ND	10.0
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-Dichloropropene	ND	5.00	1,2-Dibromomethane	ND	5.00
cis-1,3-Dichloropropene	ND	5.00			
trans-1,3-Dichloropropene	ND	5.00			

Surrogates	% Recovery	Surrogate Limits
Dibromofluoromethane	106	86 - 118
Toluene-d8	99	88 - 110
Bromofluorobenzene	99	86 - 115

Notes and Definitions for this Report:

DATE RUN: 06/30/98
 ANALYST: XL
 INSTRUMENT: G
 DIL. FACTOR: 1
 COMMENTS: _____
 UNITS: ug/L

Received: 06/18/98

Results by Sample

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

EPA METHOD 8270A

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

CONTINUED ON FOLLOWING PAGE

Received: 06/18/98

Results by Sample

Continued From Above

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

EPA METHOD 8270A

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

Notes and Definitions for this Report:

UNITS: ug/L
 EXTRACTED: 06/23/98
 DATE RUN: 07/22/98
 ANALYST: PC
 INSTRUMENT: F
 DIL. FACTOR: 1

ND = not detected at detection limit

Received: 06/18/98

Results by Sample

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

EPA METHOD 504

PARAMETER	RESULT	DETECT LIMIT	CAS NUMBER
ETHYLENE DIBROMIDE (EDB)	<u>100%</u>	<u> </u>	- 106-93-4
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	<u>102%</u>	<u> </u>	- 96-12-8

NOTES AND DEFINITIONS FOR THIS REPORT

DATE RUN..... 06/19/98

INSTRUMENT..... GC

UNITS..... %

ND = NOT DETECTED AT DETECTION LIMITS

Received: 06/18/98

Results by Sample

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

EPA 8260A PURGEABLE ORGANICS

	RESULT	LIMIT		RESULT	LIMIT
Acetone	-	-			
Acetonitrile	-	-	Ethylbenzene	-	-
Acrolein	-	-	Ethyl methacrylate	-	-
Acrylonitrile	-	-	2-Hexanone	-	-
Ally chloride	-	-	Isobutyl alcohol	-	-
Benzene	93%	-	Methacrylonitrile	-	-
Bromochloromethane	-	-	Methyl bromide	-	-
Bromodichloromethane	-	-	Methyl chloride	-	-
Bromoform	-	-	Methylene bromide	-	-
Carbon disulfide	-	-	Methylene chloride	-	-
Carbon tetrachloride	-	-	Methyl ethyl ketone	-	-
Chlorobenzene	97%	-	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	88%	-
1,1-Dichloroethene	96%	-	Trichlorofluoromethane	-	-
cis-1,2-Dichloroethene	-	-	1,2,3-Trichloropropane	-	-
trans-1,2-Dichloroethene	-	-	Vinyl acetate	-	-
1,2-Dichloropropane	-	-	Vinyl chloride	-	-
1,3-Dichloropropane	-	-	Total xylenes	-	-
2,2-Dichloropropane	-	-	1,2-Dibromo3-chloropropane	-	-
1,1-Dichloropropene	-	-	1,2-Dibromomethane	-	-
cis-1,3-Dichloropropene	-	-			
trans-1,3-Dichloropropene	-	-			

Surrogates	% Recovery	Surrogate Limits
Dibromofluoromethane	106	86 - 118
Toluene-d8	99	88 - 110
Bromofluorobenzene	99	86 - 115

Notes and Definitions for this Report:

DATE RUN: 06/30/98ANALYST: XLINSTRUMENT: GDIL. FACTOR: * 1

COMMENTS: _____

UNITS: %

Received: 06/18/98

Results by Sample

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

EPA METHOD 8270A

ANALYTE	RESULT	LIMIT	ANALYTE	RESULT	LIMIT
Acenaphthene	-	-	3,3'-Dimethylbenzidine	-	-
Acenaphthylene	76%	-	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	38%	-
Benzo(b)fluoranthene	-	-	2,6-Dinitrotoluene	-	-
Benzo(k)fluoranthene	-	-	Di-n-octyl phthalate	-	-
Benzo(g,h,i)perylene	-	-	Diphenylamine	-	-
Benzo(a)pyrene	-	-	Disulfoton	-	-
Benzyl alcohol	-	-	Ethyl methanesulfonate	-	-
Bis(2-chloroethoxy)methane	-	-	Famphur (Famophos)	-	-
Bis(2-chloroethyl)ether	-	-	Fluoranthene	-	-
Bis(2-chloromethylethyl)ether	-	-	Fluorene	-	-
Bis(2-ethylhexyl)phthalate	-	-	Hexachlorobutadiene	-	-
4-Bromophenyl phenyl ether	-	-	Hexachlorocyclopentadiene	-	-
Butyl benzyl phthalate	-	-	Hexachloroethane	-	-
p-Chloroaniline	-	-	Hexachloropropene	-	-
Chlorobenzilate	-	-	Indeno(1,2,3-cd)pyrene	-	-
4-Chloro-3-methylphenol	66%	-	Isodrin	-	-
2-Chloronaphthalene	-	-	Isophorone	-	-
2-Chlorophenol	59%	-	Isosafrole	-	-
4-Chlorophenyl phenyl ether	-	-	Kepone	-	-
Chrysene	-	-	Methapyrilene	-	-
o-Cresol(2-Methylphenol)	-	-	3-Methylcholanthrene	-	-
m-Cresol(3-Methylphenol)	-	-	Methyl methanesulfonate	-	-
p-Cresol(4-Methylphenol)	-	-	2-Methylnaphthalene	-	-
Diallate (total)	-	-	Methyl parathion	-	-
Dibenz(a,h)anthracene	-	-	Naphthalene	-	-
Dibenzofuran	-	-	1,4-Naphthoquinone	-	-
Di-n-butyl phthalate	-	-	1-Naphthylamine	-	-
1,2-Dichlorobenzene	-	-	2-Naphthylamine	-	-
1,3-Dichlorobenzene	-	-	2-Nitroaniline	-	-
1,4-Dichlorobenzene	60%	-	3-Nitroaniline	-	-
3,3'-Dichlorobenzidine	-	-	4-Nitroaniline	-	-
2,4-Dichlorophenol	-	-	Nitrobenzene	-	-
2,6-Dichlorophenol	-	-	2-Nitrophenol	-	-
Diethyl phthalate	-	-	4-Nitrophenol	31%	-
0,0-Diethyl 0-2-pyrazinyl	-	-	n-Nitrosodi-n-butylamine	-	-
phosphoroethoate	-	-	n-Nitrosodiethylamine	-	-
Dimethoate	-	-	n-Nitrosodimethylamine	-	-
p-(Dimethylamino)azobenzene	-	-	n-Nitrosodiphenylamine	-	-
7,12-Dimethylbenz(a)anthracene	-	-			

CONTINUED ON FOLLOWING PAGE

Received: 06/18/98

Results by Sample

Continued From Above

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

EPA METHOD 8270A

ANALYTE	RESULT	LIMIT	ANALYTE	RESULT	LIMIT
n-Nitroso-n-dipropylamine	76%	-	1,2,4-Trichlorobenzene	62%	-
n-Nitrosomethylethylamine	-	-	2,4,5-Trichlorophenol	-	-
n-Nitrosopiperidine	-	-	2,4,6-Trichlorophenol	-	-
n-Nitrosopyrrolidine	-	-	Triethyl phosphorothioate	-	-
5-Nitro-o-toluidine	-	-	1,3,5-Trinitrobenzene	-	-
Parathion (Parathion ethyl)	-	-	Hexachlorobenzene	-	-
Pentachlorobenzene	-	-	Dimethoate	-	-
Pentachloronitrobenzene	-	-	Disulfoton	-	-
Pentachlorophenol	70%	-	Parathion	-	-
Phenacetin	-	-	Methyl parathion	-	-
Phenanthrene	-	-	Phorate	-	-
Phenol	33%	-			
p-Phenylenediamine	-	-			
Phorate	-	-			
Pronamide	-	-			
Pyrene	70%	-			
Safrole	-	-			
1,2,4,5-Tetrachlorobenzene	-	-			
2,3,4,6-Tetrachlorophenol	-	-			
o-Toluidine	-	-			

Notes and Definitions for this Report:

UNITS: %
 EXTRACTED: 06/23/98
 DATE RUN: 07/22/98
 ANALYST: PC
 INSTRUMENT: F
 DIL. FACTOR: * 1

ND = not detected at detection limit

Received: 06/18/98

Results by Sample

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

EPA METHOD 504

PARAMETER	RESULT	DETECT LIMIT	CAS NUMBER
ETHYLENE DIBROMIDE (EDB)	<u>2.8%</u>	<u> </u>	- 106-93-4
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	<u>4.2%</u>	<u> </u>	- 96-12-8

NOTES AND DEFINITIONS FOR THIS REPORT

DATE RUN..... 06/19/98

INSTRUMENT..... GC

UNITS..... %

ND = NOT DETECTED AT DETECTION LIMITS

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

EPA 8260A PURGEABLE ORGANICS

	RESULT	LIMIT		RESULT	LIMIT
Acetone	-	-			
Acetonitrile	-	-	Ethylbenzene	-	-
Acrolein	-	-	Ethyl methacrylate	-	-
Acrylonitrile	-	-	2-Hexanone	-	-
Ally chloride	-	-	Isobutyl alcohol	-	-
Benzene	1%	-	Methacrylonitrile	-	-
Bromochloromethane	-	-	Methyl bromide	-	-
Bromodichloromethane	-	-	Methyl chloride	-	-
Bromoform	-	-	Methylene bromide	-	-
Carbon disulfide	-	-	Methylene chloride	-	-
Carbon tetrachloride	-	-	Methyl ethyl ketone	-	-
Chlorobenzene	1%	-	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	1%	-
Dichlorodifluoromethane	-	-	1,1,1-Trichloroethane	-	-
1,1-Dichloroethane	-	-	1,1,2-Trichloroethane	-	-
1,2-Dichloroethane	-	-	Trichloroethene	0%	-
1,1-Dichloroethene	3%	-	Trichlorofluoromethane	-	-
cis-1,2-Dichloroethene	-	-	1,2,3-Trichloropropane	-	-
trans-1,2-Dichloroethene	-	-	Vinyl acetate	-	-
1,2-Dichloropropane	-	-	Vinyl chloride	-	-
1,3-Dichloropropane	-	-	Total xylenes	-	-
2,2-Dichloropropane	-	-	1,2-Dibromo3-chloropropane	-	-
1,1-Dichloropropene	-	-	1,2-Dibromomethane	-	-
cis-1,3-Dichloropropene	-	-			
trans-1,3-Dichloropropene	-	-			

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

Notes and Definitions for this Report:

DATE RUN: 06/30/98
 ANALYST: XL
 INSTRUMENT: G
 DIL. FACTOR: * 1
 COMMENTS: _____
 UNITS: %

Received: 06/18/98

Results by Sample

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

EPA METHOD 8270A

ANALYTE	RESULT	LIMIT	ANALYTE	RESULT	LIMIT
Acenaphthene	-	-	3,3'-Dimethylbenzidine	-	-
Acenaphthylene	5%	-	2,4-Dimethylphenol	-	-
Acetophenone	-	-	Dimethyl phthalate	-	-
2-Acetyaminofluorene	-	-	1-3-Dinitrobenzene	-	-
4-Aminobiphenyl	-	-	4,6-Dinitro-2-methylphenol	-	-
Anthracene	-	-	2-4-Dinitrophenol	-	-
Benz(a)anthracene	-	-	2,4-Dinitrotoluene	0%	-
Benzo(b)fluoranthene	-	-	2,6-Dinitrotoluene	-	-
Benzo(k)fluoranthene	-	-	Di-n-octyl phthalate	-	-
Benzo(g,h,i)perylene	-	-	Diphenylamine	-	-
Benzo(a)pyrene	-	-	Disulfoton	-	-
Benzyl alcohol	-	-	Ethyl methanesufonate	-	-
Bis(2-chloroethoxy)methane	-	-	Famphur (Famophos)	-	-
Bis(2-chloroethyl)ether	-	-	Fluoranthene	-	-
Bis(2-chloromethylethyl)ether	-	-	Fluorene	-	-
Bis(2-ethylhexyl)phthalate	-	-	Hexachlorobutadiene	-	-
4-Bromophenyl phenyl ether	-	-	Hexachlorocyclopentadiene	-	-
Butyl benzyl phthalate	-	-	Hexachloroethane	-	-
p-Chloroaniline	-	-	Hexachloropropene	-	-
Chlorobenzilate	-	-	Indeno(1,2,3-cd)pyrene	-	-
4-Chloro-3-methylphenol	11%	-	Isodrin	-	-
2-Chloronaphthalene	-	-	Isophorone	-	-
2-Chlorophenol	14%	-	Isosafrole	-	-
4-Chlorophenyl phenyl ether	-	-	Kepone	-	-
Chrysene	-	-	Methapyrilene	-	-
o-Cresol(2-Methylphenol)	-	-	3-Methylchlolanthrene	-	-
m-Cresol(3-Methylphenol)	-	-	Methyl methanesulfonate	-	-
p-Cresol(4-Methylphenol)	-	-	2-Methylnaphthalene	-	-
Diallate (total)	-	-	Methyl parathion	-	-
Dibenz(a,h)anthracene	-	-	Naphthalene	-	-
Dibenzofuran	-	-	1,4-Naphthoquinone	-	-
Di-n-butyl phthalate	-	-	1-Naphthylamine	-	-
1,2-Dichlorobenzene	-	-	2-Naphthylamine	-	-
1,3-Dichlorobenzene	-	-	2-Nitroaniline	-	-
1,4-Dichlorobenzene	-	-	3-Nitroaniline	-	-
3,3'-Dichlorobenzidine	3%	-	4-Nitroaniline	-	-
2,4-Dichlorophenol	-	-	Nitrobenzene	-	-
2,6-Dichlorophenol	-	-	2-Nitrophenol	-	-
Diethyl phthalate	-	-	4-Nitrophenol	20%	-
0,0-Diethyl 0-2-pyrazinyl	-	-	n-Nitrosodi-n-butylamine	-	-
phosphoroethoate	-	-	n-Nitrosodiethylamine	-	-
Dimethoate	-	-	n-Nitrosodimethylamine	-	-
p-(Dimethylamino)azobenzene	-	-	n-Nitrosodiphenylamine	-	-
7,12-Dimethylbenz(a)anthracene	-	-			

CONTINUED ON FOLLOWING PAGE

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

EPA METHOD 8270A

ANALYTE	RESULT	LIMIT	ANALYTE	RESULT	LIMIT
n-Nitroso-n-dipropylamine	8%	-	1,2,4-Trichlorobenzene	6%	-
n-Nitrosomethylethylamine	-	-	2,4,5-Trichlorophenol	-	-
n-Nitrosopiperidine	-	-	2,4,6-Trichlorophenol	-	-
n-Nitrosopyrrolidine	-	-	Triethyl phosphorothioate	-	-
5-Nitro-o-toluidine	-	-	1,3,5-Trinitrobenzene	-	-
Parathion (Parathion ethyl)	-	-	Hexachlorobenzene	-	-
Pentachlorobenzene	-	-	Dimethoate	-	-
Pentachloronitrobenzene	-	-	Disulfoton	-	-
Pentachlorophenol	7%	-	Parathion	-	-
Phenacetin	-	-	Methyl parathion	-	-
Phenanthrene	-	-	Phorate	-	-
Phenol	19%	-			
p-Phenylenediamine	-	-			
Phorate	-	-			
Pronamide	-	-			
Pyrene	3%	-			
Safrole	-	-			
1,2,4,5-Tetrachlorobenzene	-	-			
2,3,4,6-Tetrachlorophenol	-	-			
o-Toluidine	-	-			

Notes and Definitions for this Report:

UNITS: %
 EXTRACTED: 06/23/98
 DATE RUN: 07/22/98
 ANALYST: PC
 INSTRUMENT: F
 DIL. FACTOR: * 1

ND = not detected at detection limit

Received: 06/17/98

Results by Sample

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	0.020	106-93-4
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	ND	0.020	96-12-8

NOTES AND DEFINITIONS FOR THIS REPORT

DATE RUN..... 07/19/98

INSTRUMENT..... GC

UNITS..... ug/L

ND = NOT DETECTED AT DETECTION LIMITS

Received: 06/17/98

Results by Sample

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-Dichloropropene	ND	5.00	1,2-Dibromomethane	ND	5.00
cis-1,3-Dichloropropene	ND	5.00			
trans-1,3-Dichloropropene	ND	5.00			

Surrogates	% Recovery	Surrogate Limits
Dibromofluoromethane	106	86 - 118
Toluene-d8	99	88 - 110
Bromofluorobenzene	99	86 - 115

Notes and Definitions for this Report:

DATE RUN: 06/30/98ANALYST: XLINSTRUMENT: GDIL. FACTOR: 1

COMMENTS: _____

UNITS: ug/L

Received: 06/17/98

Results by Sample

SAMPLE ID METHOD BLANKFRACTION 03A TEST CODE 8270A2 NAME A/BM EXTRACTABLES SOILDate & Time Collected not specified Category QC**EPA METHOD 8270A**

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

CONTINUED ON FOLLOWING PAGE

SAMPLE ID METHOD BLANK FRACTION Q3A TEST CODE 8270A2 NAME A/BN EXTRACTABLES SOIL
 Date & Time Collected not specified Category QC

EPA METHOD 8270A

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

Notes and Definitions for this Report:

UNITS: ug/L
 EXTRACTED: 06/19/98
 DATE RUN: 06/22/98
 ANALYST: PC
 INSTRUMENT: C
 DIL. FACTOR: 1

ND = not detected at detection limit

Received: 06/17/98

Results by Sample

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)	<u>100</u>	<u>X</u>	106-93-4
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	<u>102</u>	<u>X</u>	96-12-8

NOTES AND DEFINITIONS FOR THIS REPORT

DATE RUN..... 07/19/98

INSTRUMENT..... GC

UNITS..... %

ND = NOT DETECTED AT DETECTION LIMITS

SAMPLE ID MEAN % RECOVERY FRACTION 04A TEST CODE 8260A2 NAME PURGEABLE ORGANICS VOA
 Date & Time Collected not specified Category 9C

EPA 8260A PURGEABLE ORGANICS

	RESULT	LIMIT		RESULT	LIMIT
Acetone	-	-			
Acetonitrile	-	-	Ethylbenzene	-	-
Acrolein	-	-	Ethyl methacrylate	-	-
Acrylonitrile	-	-	2-Hexanone	-	-
Ally chloride	-	-	Isobutyl alcohol	-	-
Benzene	93%	-	Methacrylonitrile	-	-
Bromochloromethane	-	-	Methyl bromide	-	-
Bromodichloromethane	-	-	Methyl chloride	-	-
Bromoform	-	-	Methylene bromide	-	-
Carbon disulfide	-	-	Methylene chloride	-	-
Carbon tetrachloride	-	-	Methyl ethyl ketone	-	-
Chlorobenzene	97%	-	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	88%	-
1,1-Dichloroethene	96%	-	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	106	86 - 118
Toluene-d8	99	88 - 110
Bromofluorobenzene	99	86 - 115

Notes and Definitions for this Report:

DATE RUN: 06/30/98
 ANALYST: XL
 INSTRUMENT: G
 DIL. FACTOR: * 1
 COMMENTS: _____
 UNITS: %

Received: 06/17/98

Results by Sample

SAMPLE ID MEAN % RECOVERY FRACTION 04A TEST CODE 8270A2 NAME A/BM EXTRACTABLES SOIL
 Date & Time Collected not specified Category QC

EPA METHOD 8270A

ANALYTE	RESULT	LIMIT	ANALYTE	RESULT	LIMIT
Acenaphthene	76%	-	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	38%	-
Benzo(b)fluoranthene	-	-	2,6-Dinitrotoluene	-	-
Benzo(k)fluoranthene	-	-	Di-n-octyl phthalate	-	-
Benzo(g,h,i)perylene	-	-	Diphenylamine	-	-
Benzo(a)pyrene	-	-	Disulfoton	-	-
Benzyl alcohol	-	-	Ethyl methanesufonate	-	-
Bis(2-chloroethoxy)methane	-	-	Famphur (Famophos)	-	-
Bis(2-chloroethyl)ether	-	-	Fluoranthene	-	-
Bis(2-chloromethylethyl)ether	-	-	Fluorene	-	-
Bis(2-ethylhexyl)phthalate	-	-	Hexachlorobutadiene	-	-
4-Bromophenyl phenyl ether	-	-	Hexachlorocyclopentadiene	-	-
Butyl benzyl phthalate	-	-	Hexachloroethane	-	-
p-Chloroaniline	-	-	Hexachloropropene	-	-
Chlorobenzilate	-	-	Indeno(1,2,3-cd)pyrene	-	-
4-Chloro-3-methylphenol	74%	-	Isodrin	-	-
2-Chloronaphthalene	-	-	Isophorone	-	-
2-Chlorophenol	-	-	Isosafrole	-	-
4-Chlorophenyl phenyl ether	-	-	Kepone	-	-
Chrysene	-	-	Methapyrilene	-	-
o-Cresol(2-Methylphenol)	-	-	3-Methylcholanthrene	-	-
m-Cresol(3-Methylphenol)	-	-	Methyl methanesulfonate	-	-
p-Cresol(4-Methylphenol)	-	-	2-Methylnaphthalene	-	-
Diallate (total)	-	-	Methyl parathion	-	-
Dibenz(a,h)anthracene	-	-	Naphthalene	-	-
Dibenzofuran	-	-	1,4-Naphthoquinone	-	-
Di-n-butyl phthalate	-	-	1-Naphthylamine	-	-
1,2-Dichlorobenzene	-	-	2-Naphthylamine	-	-
1,3-Dichlorobenzene	-	-	2-Nitroaniline	-	-
1,4-Dichlorobenzene	60%	-	3-Nitroaniline	-	-
3,3'-Dichlorobenzidine	-	-	4-Nitroaniline	-	-
2,4-Dichlorophenol	-	-	Nitrobenzene	-	-
2,6-Dichlorophenol	-	-	2-Nitrophenol	-	-
Diethyl phthalate	-	-	4-Nitrophenol	37%	-
0,0-Diethyl 0-2-pyrazinyl	-	-	n-Nitrosodi-n-butylamine	-	-
phosphoroethoate	-	-	n-Nitrosodiethylamine	-	-
Dimethoate	-	-	n-Nitrosodimethylamine	-	-
p-(Dimethylamino)azobenzene	-	-	n-Nitrosodiphenylamine	-	-
7,12-Dimethylbenz(a)anthracene	-	-			

CONTINUED ON FOLLOWING PAGE

Received: 06/17/98

Results by Sample

Continued From Above

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	76%	-	1,2,4-Trichlorobenzene	62%	-
n-Nitrosomethylethylamine	-	-	2,4,5-Trichlorophenol	-	-
n-Nitrosopiperidine	-	-	2,4,6-Trichlorophenol	-	-
n-Nitrosopyrrolidine	-	-	Triethyl phosphorothioate	-	-
5-Nitro-o-toluidine	-	-	1,3,5-Trinitrobenzene	-	-
Parathion (Parathion ethyl)	-	-	Hexachlorobenzene	-	-
Pentachlorobenzene	-	-	Dimethoate	-	-
Pentachloronitrobenzene	-	-	Disulfoton	-	-
Pentachlorophenol	65%	-	Parathion	-	-
Phenacetin	-	-	Methyl parathion	-	-
Phenanthrene	-	-	Phorate	-	-
Phenol	36%	-			
p-Phenylenediamine	-	-			
Phorate	-	-			
Pronamide	-	-			
Pyrene	70%	-			
Safrole	-	-			
1,2,4,5-Tetrachlorobenzene	-	-			
2,3,4,6-Tetrachlorophenol	-	-			
o-Toluidine	-	-			

Notes and Definitions for this Report:

UNITS: %
 EXTRACTED: 06/19/98
 DATE RUN: 06/22/98
 ANALYST: PC
 INSTRUMENT: G
 DIL. FACTOR: *1

ND = not detected at detection limit

Received: 06/17/98

Results by Sample

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)	<u>2.8</u>	<u>X</u>	106-93-4
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	<u>4.2</u>	<u>X</u>	96-12-8

NOTES AND DEFINITIONS FOR THIS REPORT

DATE RUN..... 07/19/98

INSTRUMENT..... GC

UNITS..... BED

ND = NOT DETECTED AT DETECTION LIMITS

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	1%	-	Methacrylonitrile	-	-
Bromochloromethane	-	-	Methyl bromide	-	-
Bromodichloromethane	-	-	Methyl chloride	-	-
Bromoform	-	-	Methylene bromide	-	-
Carbon disulfide	-	-	Methylene chloride	-	-
Carbon tetrachloride	-	-	Methyl ethyl ketone	-	-
Chlorobenzene	1%	-	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	1%	-
Dichlorodifluoromethane	-	-	1,1,1-Trichloroethane	-	-
1,1-Dichloroethane	-	-	1,1,2-Trichloroethane	-	-
1,2-Dichloroethane	-	-	Trichloroethene	0%	-
1,1-Dichloroethene	1%	-	Trichlorofluoromethane	-	-
cis-1,2-Dichloroethene	-	-	1,2,3-Trichloropropane	-	-
trans-1,2-Dichloroethene	-	-	Vinyl acetate	-	-
1,2-Dichloropropane	-	-	Vinyl chloride	-	-
1,3-Dichloropropane	-	-	Total xylenes	-	-
2,2-Dichloropropane	-	-	1,2-Dibromo3-chloropropane	-	-
1,1-Dichloropropene	-	-	1,2-Dibromomethane	-	-
cis-1,3-Dichloropropene	-	-			
trans-1,3-Dichloropropene	-	-			

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

Notes and Definitions for this Report:

DATE RUN: 06/30/98
 ANALYST: XL
 INSTRUMENT: G
 DIL. FACTOR: * 1
 COMMENTS: _____
 UNITS: %

Received: 06/17/98

Results by Sample

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

EPA METHOD 8270A

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

CONTINUED ON FOLLOWING PAGE

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

EPA METHOD 8270A

ANALYTE	RESULT	LIMIT	ANALYTE	RESULT	LIMIT
n-Nitroso-n-dipropylamine	<u>8%</u>	-	1,2,4-Trichlorobenzene	<u>6%</u>	-
n-Nitrosomethylethylamine	-	-	2,4,5-Trichlorophenol	-	-
n-Nitrosopiperidine	-	-	2,4,6-Trichlorophenol	-	-
n-Nitrosopyrrolidine	-	-	Triethyl phosphorothioate	-	-
5-Nitro-o-toluidine	-	-	1,3,5-Trinitrobenzene	-	-
Parathion (Parathion ethyl)	-	-	Hexachlorobenzene	-	-
Pentachlorobenzene	-	-	Dimethoate	-	-
Pentachloronitrobenzene	-	-	Disulfoton	-	-
Pentachlorophenol	<u>10%</u>	-	Parathion	-	-
Phenacetin	-	-	Methyl parathion	-	-
Phenanthrene	-	-	Phorate	-	-
Phenol	<u>15%</u>	-			
p-Phenylenediamine	-	-			
Phorate	-	-			
Pronamide	-	-			
Pyrene	<u>3%</u>	-			
Safrole	-	-			
1,2,4,5-Tetrachlorobenzene	-	-			
2,3,4,6-Tetrachlorophenol	-	-			
o-Toluidine	-	-			

Notes and Definitions for this Report:

UNITS: %
EXTRACTED: 06/19/98
DATE RUN: 06/22/98
ANALYST: PC
INSTRUMENT: C
DIL. FACTOR: * 1

ND = not detected at detection limit



PASCO COUNTY, FLORIDA

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

DHRS # 44237, E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

DATE: 06/26/98

(Page 1 of 2)

LAB No.	SAMPLE			DELIVERY TO LAB	
	DATE	TIME	SAMPLER	DATE	TIME MATRIX
68246	06/16/98	1140	CHRIS CHILDRESS	06/16/98	1400 WW
68247	06/16/98	1315	CHRIS CHILDRESS	06/16/98	1400 WW
68277	06/17/98	1200	CHRIS CHILDRESS	06/17/98	1445 WW

CLIENT STATION ID:	4MW-14-D	4MW-15-D	4MW-11-D
LAB #:	68246	68247	68277

WATER LEVEL	FEET	35.85	36.63	36.50
FIELD PH	STD. UNITS	6.98	7.10	7.25
FIELD TEMPERATURE	DEGREES C	25.00	25.00	26.50
FIELD CONDUCTIVITY	umhos/cm	670	695	310
DISSOLVED OXYGEN, FIELD	mg/L	1.10	1.30	1.30
CHLORIDE	mg/L	144	155	13.2
COLOR	PCU	25	13	15
AMMONIA NITROGEN	mg/L	<0.03	<0.03	0.05
NITRATE	mg/L	0.55	0.92	0.15
TOTAL DISS.SOLIDS	mg/L	676	656	194
TURBIDITY	NTU	7.55	9.90	3.80
IRON, TOTAL	mg/L	0.41	0.16	0.22
MERCURY, TOTAL	mg/L	0.0003	0.0026	0.0005
SODIUM, TOTAL	mg/L	20.8	29.1	4.17

LABORATORY DIRECTOR

RECEIVED

OCT 15 1998

Solid Waste Section



PASCO COUNTY, FLORIDA

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CompQAP # 870167G

REPORT OF ANALYSES

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

DATE: 06/26/98

(Page 2 of 2)

LAB No.	SAMPLE			DELIVERY TO LAB	
	DATE	TIME	SAMPLER	DATE	TIME MATRIX
68278	06/17/98	1345	CHRIS CHILDRESS	06/17/98	1445 WW
68279	06/17/98	1410	CHRIS CHILDRESS	06/17/98	1445 WW
68280	06/17/98	0950	CHRIS CHILDRESS	06/17/98	1445 WW

CLIENT STATION ID:	4MW-12-D	2MW-13-D	4MW-16-D
LAB #:	68278	68279	68280

PARAMETER	UNIT	4MW-12-D	2MW-13-D	4MW-16-D
WATER LEVEL	FEET	35.53	35.54	35.07
FIELD PH	STD. UNITS	6.91	5.25	7.10
FIELD TEMPERATURE	DEGREES C	26.00	26.90	25.00
FIELD CONDUCTIVITY	umhos/cm	365	110	305
DISSOLVED OXYGEN, FIELD	mg/L	0.90	1.90	1.20
CHLORIDE	mg/L	15.2	12.1	13.8
COLOR	PCU	20	30	10
AMMONIA NITROGEN	mg/L	0.03	0.04	<0.03
NITRATE	mg/L	<0.11	2.43	0.47
TOTAL DISS.SOLIDS	mg/L	240	85	206
TURBIDITY	NTU	7.00	10.28	1.29
IRON, TOTAL	mg/L	0.09	0.13	0.09
MERCURY, TOTAL	mg/L	0.0007	0.0003	0.0005
SODIUM, TOTAL	mg/L	4.40	6.91	6.40

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

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

DHRS # 44237, E44123
 CompQAP # 870167C

QC REPORT FOR RESOURCE RECOVERY 06/26/98

QA/QC for SAMPLE Nos: 68246, 68247, 68277, 68278, 68279, 68280,
 Page 1

Analyte	LAB ID	Precision Data				RPD %	% Spike Recovery	Reference Sample Data		
		Replicate A	Replicate B	Range	Reference Sample ID			Target	Found	% Recovery
CHLORIDE SM4500CL E mg/L	68280	13.68	13.94	0.26	1.88	-----	STD	80.0	79.0	99.20
	68287	-----	-----	-----	-----	95.00				
COLOR SM 2120B PCU	68247	12	15	3.0	22.22	-----	-----	-----	-----	-----
	68280	10	10	0	0.00	-----	-----	-----	-----	-----
AMMONIA NITROGEN SM4500NH3H mg/L	68133	-----	-----	-----	-----	100.49	NH3 STD	1.200	1.154	96.18
	68135	0.249	0.237	0.012	4.94	-----	NH3 STD	1.200	1.137	94.75
	68279	0.04	0.03	0.010	28.57	-----	-----	-----	-----	-----
	68298	2.62	2.60	0.020	0.77	-----	-----	-----	-----	-----
	68366	<0.03	<0.03	0.015	0.00	-----	-----	-----	-----	-----
NITRATE SM4500NO3F mg/L	68133	-----	-----	-----	-----	99.42	NO3 STD	4.000	4.126	103.16
	68134	<0.11	<0.11	0.055	0.00	-----	NO3 STD	4.000	3.867	96.68
	68231	-----	-----	-----	-----	99.51	NO3 STD	4.000	4.064	101.62
	68252	15.27	14.82	0.45	2.99	-----	NO3 STD	4.000	4.014	100.36
	68278	<0.11	<0.11	0.055	0.00	-----	-----	-----	-----	-----
	68296	-----	-----	-----	-----	90.40	-----	-----	-----	-----
	68297	1.43	1.54	0.11	7.41	-----	-----	-----	-----	-----
	68315	-----	-----	-----	-----	99.02	-----	-----	-----	-----
TOTAL DISS. SOLIDS SM2540C mg/L	68212	456	460	4.0	0.87	-----	STD	293	290	98.90
	68295	-----	-----	-----	-----	103.50	STD	293	302	102.30
	68301	336	340	4.0	1.18	-----	-----	-----	-----	-----



PASCO COUNTY, FLORIDA

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

DHRS # 44237, E44123
 CompQAP # 870167G

QC REPORT FOR RESOURCE RECOVERY 06/26/98

QA/QC for SAMPLE Nos: 68246, 68247, 68277, 68278, 68279, 68280,
 Page 2

Analyte	LAB ID	Precision Data			Accuracy Data		Reference Sample Data			
		Replicate A	Replicate B	Range	RPD %	% Spike Recovery	Reference Sample ID	Target	Found	% Recovery
TURBIDITY SM 2130 B NTU										
NO DUPLICATE, SPIKE, OR REFERENCE SAMPLES FOR THIS ANALYSIS										
IRON, TOTAL SM31138 mg/L	68277	.272	.223	0.049	19.80	102.40	-----	-----	-----	-----
MERCURY, TOTAL SM31128 mg/L	68247	2.66	2.56	0.10	3.83	98.60	9979	7.27	6.29	86.50
SODIUM, TOTAL SM31118 mg/L	68295	4.55	4.48	0.070	1.55	100.70	-----	-----	-----	-----



PASCO COUNTY, FLORIDA

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

DHRS # 44237, E44123
CompQAP # S70167G

DATE, TIME, ANALYST REPORT

ANALYSIS	METHOD	ANALYSIS		ANALYST	MDL
		DATE	TIME		
CL- (auto)	SM4500CL E	06/22/98	1100	JK	0.62
COLOR	SM 2120B	06/16/98	1530	JK	0.0
COLOR	SM 2120B	06/24/98	1530	JK	0.0
COND, FIELD	SM2510B	06/16/98	1140	CSC	1
COND, FIELD	SM2510B	06/17/98	0950	CSC	1
DO, FIELD	SM4500-O G	06/16/98	1140	CSC	0.01
DO, FIELD	SM4500-O G	06/17/98	0950	CSC	0.01
FE/T/AA	SM3113B	06/22/98	0940	TER	0.001
FIELD TEMP	SM2550B	06/16/98	1140	CSC	0
FIELD TEMP	SM2550B	06/17/98	0950	CSC	0
H2O LEVEL	FIELD	06/16/98	1140	CSC	0.00
H2O LEVEL	FIELD	06/17/98	0950	CSC	0.00
HG/T/CVAA	SM3112B	06/22/98	1430	TER	0.0005
NA/T/FLAA	SM3111B	06/18/98	1600	TER	0.01
NH3 (AUTO)	SM4500NH3H	06/23/98	1230	IF	0.03
NO3	SM4500NO3F	06/16/98	1600	IF	0.11
NO3	SM4500NO3F	06/19/98	1600	IF	0.11
PH, FIELD	SM4500-H+B	06/16/98	1140	CSC	0.01
PH, FIELD	SM4500-H+B	06/17/98	0950	CSC	0.01
TDS	SM2540C	06/16/98	1600	JK	1
TDS	SM2540C	06/18/98	1600	JK	1
TURB	SM 2130 B	06/16/98	1450	CSC	0.01
TURB	SM 2130 B	06/17/98	1505	CSC	0.01