



4051 C 000 30
WACF 45799

PASCO COUNTY, FLORIDA

2nd (EM) - ANNUAL 1998 RRF GWMR
Part II

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

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

05 Nov 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 Pesticides and PCB's 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. These results were omitted from an earlier submittal due to the contract laboratory's failure to run the analysis within the designated holding times. Finally, all associated QA/QC data has been included in this submittal.

This completes the first round analysis for these new wells. 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

RECEIVED

NOV 9 1998

Solid Waste Section

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

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

GROUND WATER MONITORING REPORT
Rule 62-522.600(11)

PART I - GENERAL INFORMATION

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

Certification

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

Date: 05 NOV '98


Signature of Owner or Authorized Representative

PART II - QUALITY ASSURANCE REQUIREMENTS

Sample Organization Comp QAP #

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

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

Lab Name: Broward Testing Laboratory

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

Phone Number: (216) 449-2525

Received: 08/25/98

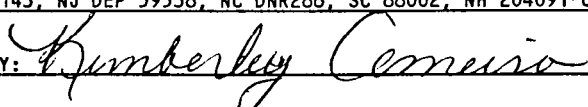
10/23/98 16:57:27

REPORT NATIONAL TESTING LABORATORIESTO 6555 WILSON MILLS RDCLEVELAND OHIO 44143800-458-3330;FAX:440-449-8585ATTEN ROSE STIBILAPREPARED TOXIKON CORPORATIONBY 15 WIGGINS AVEBEDFORD, MA 01730CERTIFIED BY ATTEN PAUL LEZBERGPHONE (617)275-3330CONTACT MARKETINGCLIENT N T L SAMPLES 6COMPANY NATIONAL TESTING LABORATORIESFACILITY 6555 WILSON MILLS RDCLEVELAND OHIO 44143MA CERT # M-MA064: TRACE METALS, SULFATE, CYANIDE, RES. FREECHLORINE, Ca, TOTAL ALK., TDS, pH, THMs, VOC, PEST., NUTRIENTS,DEMAND, O&G, PHENOLICS, PCBs . CT DHS #PH-0563, NY #10778FL HRS E87143, NJ DEP 59538, NC DNR286, SC 88002, NH 204091-C.WORK ID PASCO COUNTY UTILITIES LABTAKEN 8/24/98

TRANS _____

TYPE WATER

P.O. # _____

INV. # 067000VERIFIED BY: 

Previously Reported on 09/18/98.

SAMPLE IDENTIFICATION

01 4MW16
02 4MW15D
03 4MW14D
04 2MW13D
05 4MW12D
06 4MW11D

TEST CODES and NAMES used on this workorder

8150W CHLORINATED HERBICIDES
PCB W PCB (WATER)
PEST W PESTICIDES - WATER

PART III - ANALYTICAL RESULTS

Facility GMS #: _____

Sampling Date/Time: 08/24/98 @ 14:00

Test Site ID #: _____

Report Period: _____
(Year/Quarter)WELL NAME: 4MW11D

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		NA	0.005
01002	Arsenic			EPA 200.7		NA	0.005
01007	Barium			EPA 200.7		NA	0.005
01012	Beryllium			EPA 200.7		NA	0.005
01027	Cadmium			EPA 200.7		NA	0.005
01034	Chromium			EPA 200.7		NA	0.005
01037	Cobalt			EPA 200.7		NA	0.005
01042	Copper			EPA 200.7		NA	0.005
01051	Lead			EPA 200.7		NA	0.005
01067	Nickel			EPA 200.7		NA	0.005
01147	Selenium			EPA 200.7		NA	0.005
01077	Silver			EPA 200.7		NA	0.005
01057	Thallium			EPA 200.7		NA	0.009
01085	Vanadium			EPA 200.7		NA	0.005
71900	Mercury			EPA 245.1		NA	0.0002
01102	Tin			EPA 200.7		NA	0.300
01092	Zinc			EPA 200.7		NA	0.005
00720	Cyanide			EPA 335.2		NA	0.010

PART III - ANALYTICAL RESULTS (Continued) 4MW11D

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		NA	50.0
34215	Acrylonitrile			EPA 8260A		NA	10.0
34235	Benzene			EPA 8260A		NA	5.00
N/A	Bromochloromethane			EPA 8260A		NA	5.00
32101	Bromodichloromethane			EPA 8260A		NA	5.00
32104	Bromoform			EPA 8260A		NA	5.00
77041	Carbon disulfide			EPA 8260A		NA	5.00
32102	Carbon tetrachloride			EPA 8260A		NA	10.0
34301	Chlorobenzene			EPA 8260A		NA	5.00
34311	Chloroethane			EPA 8260A		NA	10.0
32106	Chloroform			EPA 8260A		NA	5.00
32105	Dibromochloromethane			EPA 8260A		NA	5.00
38761	1,2-Dibromo-3-chloropropane			EPA 504		NA	0.020
77651	1,2-Dibromoethane			EPA 504		NA	0.020
34537	o-Dichlorobenzene			EPA 8260A		NA	5.00
34571	p-Dichlorobenzene			EPA 8260A		NA	5.00
49263	trans-1,4-Dichloro-2-butene			EPA 8260A		NA	50.0
34496	1,1-Dichloroethane			EPA 8260A		NA	5.00
32103	1,2-Dichloroethane			EPA 8260A		NA	5.00
34502	1,1-Dichloroethene			EPA 8260A		NA	5.00
81686	cis-1,2-Dichloroethene			EPA 8260A		NA	5.00
34546	trans-1,2-Dichloroethene			EPA 8260A		NA	5.00
34541	1,2-Dichloropropane			EPA 8260A		NA	5.00
34704	cis-1,3-Dichloropropene			EPA 8260A		NA	5.00
34699	trans-1,3-Dichloropropene			EPA 8260A		NA	5.00
78113	Ethylbenzene			EPA 8260A		NA	5.00
77103	2-Hexanone			EPA 8260A		NA	10.0
34413	Methyl bromide			EPA 8260A		NA	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)
34418	Methyl chloride			EPA 8260A		NA	5.00
77596	Methylene bromide			EPA 8260A		NA	10.0
34423	Methylene chloride			EPA 8260A		NA	10.0
81595	Methyl ethyl ketone			EPA 8260A		NA	10.0
49262	Methyl iodide			EPA 8260A		NA	10.0
78133	4-Methyl-2-pentanone			EPA 8260A		NA	10.0
77128	Styrene			EPA 8260A		NA	5.00
77562	1,1,1,2-Tetrachloroethane			EPA 8260A		NA	5.00
34516	1,1,2,2-Tetrachloroethane			EPA 8260A		NA	5.00
34476	Tetrachloroethene			EPA 8260A		NA	5.00
78131	Toluene			EPA 8260A		NA	5.00
34506	1,1,1-Trichloroethane			EPA 8260A		NA	5.00
34511	1,1,2-Trichloroethane			EPA 8260A		NA	5.00
34485	Trichloroethene			EPA 8260A		NA	5.00
34488	Trichlorofluoromethane			EPA 8260A		NA	5.00
77443	1,2,3-Trichloropropane			EPA 8260A		NA	5.00
77057	Vinyl acetate			EPA 8260A		NA	5.00
39175	Vinyl chloride			EPA 8260A		NA	5.00
81551	Xylenes			EPA 8260A		NA	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		NA	10.0
34200	Acenaphthylene			EPA 8270A		NA	10.0
N/A	Acetonitrile			EPA 8260A		NA	5.00
81553	Acetophenone			EPA 8270A		NA	10.0
N/A	2-Acetylaminofluorene			EPA 8270A		NA	20.0
34210	Acrolein			EPA 8260A		NA	100
39330	Aldrin			EPA 608	09/04/98	<0.010	0.010
78109	Allyl chloride			EPA 8260A		NA	10.0
N/A	4-Aminobiphenyl			EPA 8270A		NA	20.0
34220	Anthracene			EPA 8270A		NA	10.0
34527	Benzo(a)anthracene			EPA 8270A		NA	10.0
34230	Benzo(b)fluoranthene			EPA 8270A		NA	10.0
34242	Benzo(k)fluoranthene			EPA 8270A		NA	10.0
34521	Benzo(ghi)perylene			EPA 8270A		NA	10.0
34247	Benzo(a)pyrene			EPA 8270A		NA	10.0
77147	Benzyl alcohol			EPA 8270A		NA	20.0
34253	alpha-BHC			EPA 608	09/04/98	<0.010	0.010
34255	beta-BHC			EPA 608	09/04/98	<0.010	0.010
34259	delta-BHC			EPA 608	09/04/98	<0.010	0.010
39340	gamma-BHC			EPA 608	09/04/98	<0.010	0.010
34278	Bis(2-chloroethoxy)methane			EPA 8270A		NA	10.0
34273	Bis(2-chloroethyl)ether			EPA 8270A		NA	10.0
34283	Bis(2-chloroisopropyl)ether			EPA 8270A		NA	10.0
39100	Bis(2-ethylhexyl)phthalate			EPA 8270A		NA	10.0
34636	4-Bromophenyl phenyl ether			EPA 8270A		NA	10.0
51003	Butyl benzyl phthalate			EPA 8270A		NA	10.0
39350	Chlordane			EPA 608	09/04/98	<0.010	0.010
60037	p-Chloroaniline			EPA 8270A		NA	20.0
39460	Chlorobenzilate			EPA 8270A		NA	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		NA	20.0
34581	2-Chloronaphthalene			EPA 8270A		NA	10.0
34586	2-Chlorophenol			EPA 8270A		NA	10.0
34641	4-Chlorophenyl phenyl ether			EPA 8270A		NA	10.0
34320	Chrysene			EPA 8270A		NA	10.0
N/A	3-Methylphenol			EPA 8270A		NA	10.0
77152	2-Methylphenol			EPA 8270A		NA	10.0
N/A	4-Methylphenol			EPA 8270A		NA	10.0
39730	2,4-D			EPA 8150	09/08/98	<1.2	1.2
39360	4,4'-DDD			EPA 608	09/04/98	<0.010	0.010
39365	4,4'-DDE			EPA 608	09/04/98	<0.010	0.010
39370	4,4'-DDT			EPA 608	09/04/98	<0.010	0.010
N/A	Diallate			EPA 8270A		NA	10.0
51004	Dibenzo(a,h)anthracene			EPA 8270A		NA	10.0
81302	Dibenzofuran			EPA 8270A		NA	10.0
39110	Di-n-butyl phthalate			EPA 8270A		NA	10.0
34631	3,3'-Dichlorobenzidine			EPA 8270A		NA	20.0
34601	2,4-Dichlorophenol			EPA 8270A		NA	10.0
77541	2,6-Dichlorophenol			EPA 8270A		NA	10.0
39380	Dieldrin			EPA 608	09/04/98	<0.010	0.010
34336	Diethyl phthalate			EPA 8270A		NA	10.0
N/A	0,0-Diethyl 0,2-pyrazinyl phosphorothioate			EPA 8270A		NA	10.0
46314	Dimethoate			EPA 8270A		NA	10.0
N/A	p-(Dimethylamino)azobenzene			EPA 8270A		NA	10.0
N/A	7,12-Dimethylbenz(a)anthracene			EPA 8270A		NA	10.0
N/A	3,3'-Dimethylbenzidine			EPA 8270A		NA	20.0
34606	2,4-Dimethylphenol			EPA 8270A		NA	10.0
34341	Dimethyl phthalate			EPA 8270A		NA	10.0
N/A	m-Dinitrobenzene			EPA 8270A		NA	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		NA	50.0
34616	2,4-Dinitrophenol			EPA 8270A		NA	50.0
34611	2,4-Dinitrotoluene			EPA 8270A		NA	10.0
34626	2,6-Dinitrotoluene			EPA 8270A		NA	10.0
34596	Di-n-octyl phthalate			EPA 8270A		NA	10.0
77579	Diphenylamine			EPA 8270A		NA	10.0
81888	Disulfoton			EPA 8270A		NA	10.0
34361	Endosulfan I			EPA 608	09/04/98	<0.010	0.010
34356	Endosulfan II			EPA 608	09/04/98	<0.010	0.010
34351	Endosulfan sulfate			EPA 608	09/04/98	<0.010	0.010
39390	Endrin			EPA 608	09/04/98	<0.010	0.010
34366	Endrin aldehyde			EPA 608	09/04/98	<0.010	0.010
N/A	Ethyl methanesulfonate			EPA 8270A		NA	20.0
38462	Famphur			EPA 8270A		NA	20.0
34376	Fluoranthene			EPA 8270A		NA	10.0
34381	Fluorene			EPA 8270A		NA	10.0
39410	Heptachlor			EPA 608	09/04/98	<0.010	0.010
39420	Heptachlor epoxide			EPA 608	09/04/98	<0.010	0.010
39700	Hexachlorobenzene			EPA 8270A		NA	10.0
34391	Hexachlorobutadiene			EPA 8270A		NA	10.0
34386	Hexachlorocyclopentadiene			EPA 8270A		NA	10.0
34396	Hexachloroethane			EPA 8270A		NA	10.0
N/A	Hexachloropropene			EPA 8270A		NA	10.0
77033	Isobutyl alcohol			EPA 8260A		NA	5.00
39430	Isodrin			EPA 8270A		NA	20.0
34408	Isophorone			EPA 8270A		NA	10.0
N/A	Isosafrole			EPA 8270A		NA	10.0
81593	Methacrylonitrile			EPA 8260A		NA	20.0

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	Methapyrilene			EPA 8270A		NA	100
39480	Methoxychlor			EPA 608	09/04/98	<0.010	0.010
N/A	3-Methylcholanthrene			EPA 8270A		NA	10.0
81597	Methyl methacrylate			EPA 8260A		NA	10.0
N/A	Methyl methanesulfonate			EPA 8270A		NA	10.0
77416	2-Methylnaphthalene			EPA 8270A		NA	10.0
39600	Methyl parathion			EPA 8270A		NA	10.0
34696	Naphthalene			EPA 8270A		NA	10.0
N/A	1,4-Naphthoquinone			EPA 8270A		NA	10.0
N/A	1-Naphthylamine			EPA 8270A		NA	10.0
N/A	2-Naphthylamine			EPA 8270A		NA	10.0
N/A	2-Nitroaniline			EPA 8270A		NA	50.0
78300	3-Nitroaniline			EPA 8270A		NA	20.0
30342	4-Nitroaniline			EPA 8270A		NA	40.0
34447	Nitrobenzene			EPA 8270A		NA	10.0
34591	2-Nitrophenol			EPA 8270A		NA	10.0
34646	4-Nitrophenol			EPA 8270A		NA	50.0
N/A	n-Nitrosodi-n-butylamine			EPA 8270A		NA	10.0
78200	n-Nitrosodiethylamine			EPA 8270A		NA	20.0
34438	n-Nitrosodimethylamine			EPA 8270A		NA	10.0
34433	n-Nitrosodiphenylamine			EPA 8270A		NA	10.0
34428	n-Nitroso-n-dipropylamine			EPA 8270A		NA	10.0
N/A	n-Nitrosomethylethylamine			EPA 8270A		NA	10.0
N/A	n-Nitrosopiperidine			EPA 8270A		NA	10.0
78206	n-Nitrosopyrrolidine			EPA 8270A		NA	10.0
N/A	5-Nitro-o-toluidine			EPA 8270A		NA	10.0
39540	Parathion			EPA 8270A		NA	10.0
77793	Pentachlorobenzene			EPA 8270A		NA	10.0
81316	Pentachloronitrobenzene			EPA 8270A		NA	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		NA	10.0
N/A	Phenacetin			EPA 8270A		NA	10.0
34461	Phenanthrene			EPA 8270A		NA	10.0
32730	Phenol			EPA 8270A		NA	10.0
N/A	p-Phenylenediamine			EPA 8270A		NA	10.0
46313	Phorate			EPA 8270A		NA	10.0
39516	PCBs			EPA 8082	09/04/98	<0.1	0.1
39080	Pronamide			EPA 8270A		NA	10.0
77007	Propionitrile			EPA 8260A		NA	10.0
34469	Pyrene			EPA 8270A		NA	10.0
77545	Safrole			EPA 8270A		NA	10.0
39760	Silvex			EPA 8150	09/08/98	<0.17	0.17
81520	Chloroprene			EPA 8260A		NA	50.0
00746	Sulfide			EPA 376.2		NA	40.0
39740	2,4,5-T			EPA 8150	09/08/98	<0.25	0.25
77734	1,2,4,5-Tetrachlorobenzene			EPA 8270A		NA	10.0
N/A	2,3,4,6-Tetrachlorophenol			EPA 8270A		NA	10.0
77142	o-Toluidine			EPA 8270A		NA	10.0
39400	Toxaphene			EPA 608	09/04/98	<0.010	0.010
34551	1,2,4-Trichlorobenzene			EPA 8270A		NA	10.0
77687	2,4,5-Trichlorophenol			EPA 8270A		NA	10.0
34621	2,4,6-Trichlorophenol			EPA 8270A		NA	10.0
N/A	Triethyl phosphorothioate			EPA 8270A		NA	10.0
N/A	1,3,5-Trinitrobenzene			EPA 8270A		NA	10.0
77173	1,3-Dichloropropane			EPA 8260A		NA	5.00
77170	2,2-Dichloropropane			EPA 8260A		NA	5.00
77168	1,1-Dichloropropene			EPA 8260A		NA	5.00
34566	1,3-Dichlorobenzene			EPA 8260A		NA	5.00

PART III - ANALYTICAL RESULTS (Continued) 4MW11D[illegible]

Received: 08/25/98

Results by Sample

SAMPLE ID 4MW11DFRACTION 06A TEST CODE 8150W NAME CHLORINATED HERBICIDESDate & Time Collected 08/24/98 14:00:00 Category WATER**CHLORINATED HERBICIDES**

RESULT	LIMIT
2,4-D	ND 1.2
Silvex (2,4,5-TP)	ND 0.17

Notes and Definitions for this Report:

EXTRACTED: 08/31/98DATE RUN: 09/08/98ANALYST: CKINSTRUMENT: HP3CONC FACTOR: 1

UNITS = ug/L

ND = not detected at detection limit

RESULT	LIMIT
2,4,5-T	ND 0.25

Received: 08/25/98

Results by Sample

SAMPLE ID 4MW11DFRACTION 06A TEST CODE PCB W NAME PCB (WATER)Date & Time Collected 08/24/98 14:00:00Category WATERPCB in WATER

CAS NUM.	RESULT	LIMIT	UNITS	ANALYTE
12674-11-2	<u>ND</u>	<u>0.1</u>	ug/L	Aroclor 1016
11104-28-2	<u>ND</u>	<u>0.1</u>	ug/L	Aroclor 1221
11141-16-5	<u>ND</u>	<u>0.1</u>	ug/L	Aroclor 1232
53469-21-9	<u>ND</u>	<u>0.1</u>	ug/L	Aroclor 1242
12672-29-6	<u>ND</u>	<u>0.1</u>	ug/L	Aroclor 1248
11097-69-1	<u>ND</u>	<u>0.1</u>	ug/L	Aroclor 1254
11096-82-5	<u>ND</u>	<u>0.1</u>	ug/L	Aroclor 1260

Notes and Definitions for this Report:

EXTRACTED: 08/31/98
DATE RUN: 09/04/98
ANALYST: CK
INSTRUMENT: HP2
DIL. FACTOR: 1

ND = not detected at detection limit

Received: 08/25/98

Results by Sample

SAMPLE ID 4MW11DFRACTION 06A TEST CODE PEST W NAME PESTICIDES - WATERDate & Time Collected 08/24/98 14:00:00Category WATER**PESTICIDES in WATER**

RESULT LIMIT

a-BHC	_____	ND	0.010
g-BHC (Lindane)	_____	ND	0.010
b-BHC	_____	ND	0.010
Heptachlor	_____	ND	0.010
d-BHC	_____	ND	0.010
Aldrin	_____	ND	0.010
Heptachlor Epoxide	_____	ND	0.010
Endosulfan I	_____	ND	0.010
4,4'-DDE	_____	ND	0.010
Dieldrin	_____	ND	0.010
Endrin	_____	ND	0.010
4,4'-DDD	_____	ND	0.010
Endosulfan II	_____	ND	0.010
4,4'-DDT	_____	ND	0.010
Endrin Aldehyde	_____	ND	0.010
Endosulfan Sulfate	_____	ND	0.010
Chlordane	_____	ND	0.010
Toxaphene	_____	ND	0.010
Methoxychlor	_____	ND	0.010

Notes and Definitions for this Report:

EXTRACTED: 08/31/98
DATE RUN: 09/04/98
ANALYST: CK
INSTRUMENT: HP2
DIL. FACTOR: 1
UNITS: ug/L

ND = not detected at detection limit

PART III - ANALYTICAL RESULTS

Facility GMS #: _____

 Sampling Date/Time: 08/24/98 @ 12:45

Test Site ID #: _____

Report Period: _____

(Year/Quarter)

 WELL NAME: 4MW12D

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		NA	0.005
01002	Arsenic			EPA 200.7		NA	0.005
01007	Barium			EPA 200.7		NA	0.005
01012	Beryllium			EPA 200.7		NA	0.005
01027	Cadmium			EPA 200.7		NA	0.005
01034	Chromium			EPA 200.7		NA	0.005
01037	Cobalt			EPA 200.7		NA	0.005
01042	Copper			EPA 200.7		NA	0.005
01051	Lead			EPA 200.7		NA	0.005
01067	Nickel			EPA 200.7		NA	0.005
01147	Selenium			EPA 200.7		NA	0.005
01077	Silver			EPA 200.7		NA	0.005
01057	Thallium			EPA 200.7		NA	0.009
01085	Vanadium			EPA 200.7		NA	0.005
71900	Mercury			EPA 245.1		NA	0.0002
01102	Tin			EPA 200.7		NA	0.300
01092	Zinc			EPA 200.7		NA	0.005
00720	Cyanide			EPA 335.2		NA	0.010

PART III - ANALYTICAL RESULTS (Continued) 4MW12D

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		NA	50.0
34215	Acrylonitrile			EPA 8260A		NA	10.0
34235	Benzene			EPA 8260A		NA	5.00
N/A	Bromochloromethane			EPA 8260A		NA	5.00
32101	Bromodichloromethane			EPA 8260A		NA	5.00
32104	Bromoform			EPA 8260A		NA	5.00
77041	Carbon disulfide			EPA 8260A		NA	5.00
32102	Carbon tetrachloride			EPA 8260A		NA	10.0
34301	Chlorobenzene			EPA 8260A		NA	5.00
34311	Chloroethane			EPA 8260A		NA	10.0
32106	Chloroform			EPA 8260A		NA	5.00
32105	Dibromochloromethane			EPA 8260A		NA	5.00
38761	1,2-Dibromo-3-chloropropane			EPA 504		NA	0.020
77651	1,2-Dibromoethane			EPA 504		NA	0.020
34537	o-Dichlorobenzene			EPA 8260A		NA	5.00
34571	p-Dichlorobenzene			EPA 8260A		NA	5.00
49263	trans-1,4-Dichloro-2-butene			EPA 8260A		NA	50.0
34496	1,1-Dichloroethane			EPA 8260A		NA	5.00
32103	1,2-Dichloroethane			EPA 8260A		NA	5.00
34502	1,1-Dichloroethene			EPA 8260A		NA	5.00
81686	cis-1,2-Dichloroethene			EPA 8260A		NA	5.00
34546	trans-1,2-Dichloroethene			EPA 8260A		NA	5.00
34541	1,2-Dichloropropane			EPA 8260A		NA	5.00
34704	cis-1,3-Dichloropropene			EPA 8260A		NA	5.00
34699	trans-1,3-Dichloropropene			EPA 8260A		NA	5.00
78113	Ethylbenzene			EPA 8260A		NA	5.00
77103	2-Hexanone			EPA 8260A		NA	10.0
34413	Methyl bromide			EPA 8260A		NA	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)
34418	Methyl chloride			EPA 8260A		NA	5.00
77596	Methylene bromide			EPA 8260A		NA	10.0
34423	Methylene chloride			EPA 8260A		NA	10.0
81595	Methyl ethyl ketone			EPA 8260A		NA	10.0
49262	Methyl iodide			EPA 8260A		NA	10.0
78133	4-Methyl-2-pentanone			EPA 8260A		NA	10.0
77128	Styrene			EPA 8260A		NA	5.00
77562	1,1,1,2-Tetrachloroethane			EPA 8260A		NA	5.00
34516	1,1,2,2-Tetrachloroethane			EPA 8260A		NA	5.00
34476	Tetrachloroethene			EPA 8260A		NA	5.00
78131	Toluene			EPA 8260A		NA	5.00
34506	1,1,1-Trichloroethane			EPA 8260A		NA	5.00
34511	1,1,2-Trichloroethane			EPA 8260A		NA	5.00
34485	Trichloroethene			EPA 8260A		NA	5.00
34488	Trichlorofluoromethane			EPA 8260A		NA	5.00
77443	1,2,3-Trichloropropane			EPA 8260A		NA	5.00
77057	Vinyl acetate			EPA 8260A		NA	5.00
39175	Vinyl chloride			EPA 8260A		NA	5.00
81551	Xylenes			EPA 8260A		NA	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		NA	10.0
34200	Acenaphthylene			EPA 8270A		NA	10.0
N/A	Acetonitrile			EPA 8260A		NA	5.00
81553	Acetophenone			EPA 8270A		NA	10.0
N/A	2-Acetylaminofluorene			EPA 8270A		NA	20.0
34210	Acrolein			EPA 8260A		NA	100
39330	Aldrin			EPA 608	09/04/98	<0.010	0.010
78109	Allyl chloride			EPA 8260A		NA	10.0
N/A	4-Aminobiphenyl			EPA 8270A		NA	20.0
34220	Anthracene			EPA 8270A		NA	10.0
34527	Benzo(a)anthracene			EPA 8270A		NA	10.0
34230	Benzo(b)fluoranthene			EPA 8270A		NA	10.0
34242	Benzo(k)fluoranthene			EPA 8270A		NA	10.0
34521	Benzo(ghi)perylene			EPA 8270A		NA	10.0
34247	Benzo(a)pyrene			EPA 8270A		NA	10.0
77147	Benzyl alcohol			EPA 8270A		NA	20.0
34253	alpha-BHC			EPA 608	09/04/98	<0.010	0.010
34255	beta-BHC			EPA 608	09/04/98	<0.010	0.010
34259	delta-BHC			EPA 608	09/04/98	<0.010	0.010
39340	gamma-BHC			EPA 608	09/04/98	<0.010	0.010
34278	Bis(2-chloroethoxy)methane			EPA 8270A		NA	10.0
34273	Bis(2-chloroethyl)ether			EPA 8270A		NA	10.0
34283	Bis(2-chloroisopropyl)ether			EPA 8270A		NA	10.0
39100	Bis(2-ethylhexyl)phthalate			EPA 8270A		NA	10.0
34636	4-Bromophenyl phenyl ether			EPA 8270A		NA	10.0
51003	Butyl benzyl phthalate			EPA 8270A		NA	10.0
39350	Chlordane			EPA 608	09/04/98	<0.010	0.010
60037	p-Chloroaniline			EPA 8270A		NA	20.0
39460	Chlorobenzilate			EPA 8270A		NA	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		NA	20.0
34581	2-Chloronaphthalene			EPA 8270A		NA	10.0
34586	2-Chlorophenol			EPA 8270A		NA	10.0
34641	4-Chlorophenyl phenyl ether			EPA 8270A		NA	10.0
34320	Chrysene			EPA 8270A		NA	10.0
N/A	3-Methylphenol			EPA 8270A		NA	10.0
77152	2-Methylphenol			EPA 8270A		NA	10.0
N/A	4-Methylphenol			EPA 8270A		NA	10.0
39730	2,4-D			EPA 8150	09/08/98	<1.2	1.2
39360	4,4'-DDD			EPA 608	09/04/98	<0.010	0.010
39365	4,4'-DDE			EPA 608	09/04/98	<0.010	0.010
39370	4,4'-DDT			EPA 608	09/04/98	<0.010	0.010
N/A	Diallate			EPA 8270A		NA	10.0
51004	Dibenzo(a,h)anthracene			EPA 8270A		NA	10.0
81302	Dibenzofuran			EPA 8270A		NA	10.0
39110	Di-n-butyl phthalate			EPA 8270A		NA	10.0
34631	3,3'-Dichlorobenzidine			EPA 8270A		NA	20.0
34601	2,4-Dichlorophenol			EPA 8270A		NA	10.0
77541	2,6-Dichlorophenol			EPA 8270A		NA	10.0
39380	Dieldrin			EPA 608	09/04/98	<0.010	0.010
34336	Diethyl phthalate			EPA 8270A		NA	10.0
N/A	0,0-Diethyl 0,2-pyrazinyl phosphorothioate			EPA 8270A		NA	10.0
46314	Dimethoate			EPA 8270A		NA	10.0
N/A	p-(Dimethylamino)azobenzene			EPA 8270A		NA	10.0
N/A	7,12-Dimethylbenz(a)anthracene			EPA 8270A		NA	10.0
N/A	3,3'-Dimethylbenzidine			EPA 8270A		NA	20.0
34606	2,4-Dimethylphenol			EPA 8270A		NA	10.0
34341	Dimethyl phthalate			EPA 8270A		NA	10.0
N/A	m-Dinitrobenzene			EPA 8270A		NA	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		NA	50.0
34616	2,4-Dinitrophenol			EPA 8270A		NA	50.0
34611	2,4-Dinitrotoluene			EPA 8270A		NA	10.0
34626	2,6-Dinitrotoluene			EPA 8270A		NA	10.0
34596	Di-n-octyl phthalate			EPA 8270A		NA	10.0
77579	Diphenylamine			EPA 8270A		NA	10.0
81888	Disulfoton			EPA 8270A		NA	10.0
34361	Endosulfan I			EPA 608	09/04/98	<0.010	0.010
34356	Endosulfan II			EPA 608	09/04/98	<0.010	0.010
34351	Endosulfan sulfate			EPA 608	09/04/98	<0.010	0.010
39390	Endrin			EPA 608	09/04/98	<0.010	0.010
34366	Endrin aldehyde			EPA 608	09/04/98	<0.010	0.010
N/A	Ethyl methanesulfonate			EPA 8270A		NA	20.0
38462	Famphur			EPA 8270A		NA	20.0
34376	Fluoranthene			EPA 8270A		NA	10.0
34381	Fluorene			EPA 8270A		NA	10.0
39410	Heptachlor			EPA 608	09/04/98	<0.010	0.010
39420	Heptachlor epoxide			EPA 608	09/04/98	<0.010	0.010
39700	Hexachlorobenzene			EPA 8270A		NA	10.0
34391	Hexachlorobutadiene			EPA 8270A		NA	10.0
34386	Hexachlorocyclopentadiene			EPA 8270A		NA	10.0
34396	Hexachloroethane			EPA 8270A		NA	10.0
N/A	Hexachloropropene			EPA 8270A		NA	10.0
77033	Isobutyl alcohol			EPA 8260A		NA	5.00
39430	Isodrin			EPA 8270A		NA	20.0
34408	Isophorone			EPA 8270A		NA	10.0
N/A	Isosafrole			EPA 8270A		NA	10.0
81593	Methacrylonitrile			EPA 8260A		NA	20.0

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	Methapryilene			EPA 8270A		NA	100
39480	Methoxychlor			EPA 608	09/04/98	<0.010	0.010
N/A	3-Methylcholanthrene			EPA 8270A		NA	10.0
81597	Methyl methacrylate			EPA 8260A		NA	10.0
N/A	Methyl methanesulfonate			EPA 8270A		NA	10.0
77416	2-Methylnaphthalene			EPA 8270A		NA	10.0
39600	Methyl parathion			EPA 8270A		NA	10.0
34696	Naphthalene			EPA 8270A		NA	10.0
N/A	1,4-Naphthoquinone			EPA 8270A		NA	10.0
N/A	1-Naphthylamine			EPA 8270A		NA	10.0
N/A	2-Naphthylamine			EPA 8270A		NA	10.0
N/A	2-Nitroaniline			EPA 8270A		NA	50.0
78300	3-Nitroaniline			EPA 8270A		NA	20.0
30342	4-Nitroaniline			EPA 8270A		NA	40.0
34447	Nitrobenzene			EPA 8270A		NA	10.0
34591	2-Nitrophenol			EPA 8270A		NA	10.0
34646	4-Nitrophenol			EPA 8270A		NA	50.0
N/A	n-Nitrosodi-n-butylamine			EPA 8270A		NA	10.0
78200	n-Nitrosodiethylamine			EPA 8270A		NA	20.0
34438	n-Nitrosodimethylamine			EPA 8270A		NA	10.0
34433	n-Nitrosodiphenylamine			EPA 8270A		NA	10.0
34428	n-Nitroso-n-dipropylamine			EPA 8270A		NA	10.0
N/A	n-Nitrosomethylethylamine			EPA 8270A		NA	10.0
N/A	n-Nitrosopiperidine			EPA 8270A		NA	10.0
78206	n-Nitrosopyrrolidine			EPA 8270A		NA	10.0
N/A	5-Nitro-o-toluidine			EPA 8270A		NA	10.0
39540	Parathion			EPA 8270A		NA	10.0
77793	Pentachlorobenzene			EPA 8270A		NA	10.0
81316	Pentachloronitrobenzene			EPA 8270A		NA	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		NA	10.0
N/A	Phenacetin			EPA 8270A		NA	10.0
34461	Phenanthrene			EPA 8270A		NA	10.0
32730	Phenol			EPA 8270A		NA	10.0
N/A	p-Phenylenediamine			EPA 8270A		NA	10.0
46313	Phorate			EPA 8270A		NA	10.0
39516	PCBs			EPA 8082	09/04/98	<0.1	0.1
39080	Pronamide			EPA 8270A		NA	10.0
77007	Propionitrile			EPA 8260A		NA	10.0
34469	Pyrene			EPA 8270A		NA	10.0
77545	Safrole			EPA 8270A		NA	10.0
39760	Silvex			EPA 8150	09/08/98	<0.17	0.17
81520	Chloroprene			EPA 8260A		NA	50.0
00746	Sulfide			EPA 376.2		NA	40.0
39740	2,4,5-T			EPA 8150	09/08/98	<0.25	0.25
77734	1,2,4,5-Tetrachlorobenzene			EPA 8270A		NA	10.0
N/A	2,3,4,6-Tetrachlorophenol			EPA 8270A		NA	10.0
77142	o-Toluidine			EPA 8270A		NA	10.0
39400	Toxaphene			EPA 608	09/04/98	<0.010	0.010
34551	1,2,4-Trichlorobenzene			EPA 8270A		NA	10.0
77687	2,4,5-Trichlorophenol			EPA 8270A		NA	10.0
34621	2,4,6-Trichlorophenol			EPA 8270A		NA	10.0
N/A	Triethyl phosphorothioate			EPA 8270A		NA	10.0
N/A	1,3,5-Trinitrobenzene			EPA 8270A		NA	10.0
77173	1,3-Dichloropropane			EPA 8260A		NA	5.00
77170	2,2-Dichloropropane			EPA 8260A		NA	5.00
77168	1,1-Dichloropropene			EPA 8260A		NA	5.00
34566	1,3-Dichlorobenzene			EPA 8260A		NA	5.00

PART III - ANALYTICAL RESULTS (Continued) 4MW12D

[illegible]

Received: 08/25/98

Results by Sample

SAMPLE ID 4MW12DFRACTION 05ATEST CODE 8150WNAME CHLORINATED HERBICIDESDate & Time Collected 08/24/98 12:45:00Category WATER**CHLORINATED HERBICIDES**

	RESULT	LIMIT
2,4-D	ND	1.2
Silvex (2,4,5-TP)	ND	0.17

Notes and Definitions for this Report:

EXTRACTED: 08/31/98DATE RUN: 09/08/98ANALYST: CKINSTRUMENT: HP3CONC FACTOR: 1

UNITS = ug/L

ND = not detected at detection limit

	RESULT	LIMIT
2,4,5-T	ND	0.25

Received: 08/25/98

Results by Sample

SAMPLE ID 4MW12DFRACTION 05ATEST CODE PCB WNAME PCB (WATER)Date & Time Collected 08/24/98 12:45:00Category WATERPCB in WATER

CAS NUM.	RESULT	LIMIT	UNITS	ANALYTE
12674-11-2	<u>ND</u>	<u>0.1</u>	ug/L	Aroclor 1016
11104-28-2	<u>ND</u>	<u>0.1</u>	ug/L	Aroclor 1221
11141-16-5	<u>ND</u>	<u>0.1</u>	ug/L	Aroclor 1232
53469-21-9	<u>ND</u>	<u>0.1</u>	ug/L	Aroclor 1242
12672-29-6	<u>ND</u>	<u>0.1</u>	ug/L	Aroclor 1248
11097-69-1	<u>ND</u>	<u>0.1</u>	ug/L	Aroclor 1254
11096-82-5	<u>ND</u>	<u>0.1</u>	ug/L	Aroclor 1260

Notes and Definitions for this Report:

EXTRACTED: 08/31/98
DATE RUN: 09/04/98
ANALYST: CK
INSTRUMENT: HP2
DIL. FACTOR: 1

ND = not detected at detection limit

Received: 08/25/98

Results by Sample

SAMPLE ID 4MW12DFRACTION 05ATEST CODE PEST WNAME PESTICIDES - WATERDate & Time Collected 08/24/98 12:45:00Category WATERPESTICIDES in WATER

RESULT LIMIT

a-BHC	ND	0.010
g-BHC (Lindane)	ND	0.010
b-BHC	ND	0.010
Heptachlor	ND	0.010
d-BHC	ND	0.010
Aldrin	ND	0.010
Heptachlor Epoxide	ND	0.010
Endosulfan I	ND	0.010
4,4'-DDE	ND	0.010
Dieldrin	ND	0.010
Endrin	ND	0.010
4,4'-DDD	ND	0.010
Endosulfan II	ND	0.010
4,4'-DDT	ND	0.010
Endrin Aldehyde	ND	0.010
Endosulfan Sulfate	ND	0.010
Chlordane	ND	0.010
Toxaphene	ND	0.010
Methoxychlor	ND	0.010

Notes and Definitions for this Report:

EXTRACTED: 08/31/98DATE RUN: 09/04/98ANALYST: CKINSTRUMENT: HP2DIL. FACTOR: 1UNITS: ug/L

ND = not detected at detection limit

PART III - ANALYTICAL RESULTS

Facility GMS #: _____

 Sampling Date/Time: 08/24/98 @ 12:00

Test Site ID #: _____

Report Period: _____

(Year/Quarter)

 WELL NAME: 2MW13D

Well Type: () Background

Classification of Ground Water: _____

() Intermediate

Ground Water Elevation (NGVD): _____

() Compliance

or (MSL): _____

() Other

7713

OK

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		NA	0.005
01002	Arsenic			EPA 200.7		NA	0.005
01007	Barium			EPA 200.7		NA	0.005
01012	Beryllium			EPA 200.7		NA	0.005
01027	Cadmium			EPA 200.7		NA	0.005
01034	Chromium			EPA 200.7		NA	0.005
01037	Cobalt			EPA 200.7		NA	0.005
01042	Copper			EPA 200.7		NA	0.005
01051	Lead			EPA 200.7		NA	0.005
01067	Nickel			EPA 200.7		NA	0.005
01147	Selenium			EPA 200.7		NA	0.005
01077	Silver			EPA 200.7		NA	0.005
01057	Thallium			EPA 200.7		NA	0.009
01085	Vanadium			EPA 200.7		NA	0.005
71900	Mercury			EPA 245.1		NA	0.0002
01102	Tin			EPA 200.7		NA	0.300
01092	Zinc			EPA 200.7		NA	0.005
00720	Cyanide			EPA 335.2		NA	0.010

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		NA	50.0
34215	Acrylonitrile			EPA 8260A		NA	10.0
34235	Benzene			EPA 8260A		NA	5.00
N/A	Bromochloromethane			EPA 8260A		NA	5.00
32101	Bromodichloromethane			EPA 8260A		NA	5.00
32104	Bromoform			EPA 8260A		NA	5.00
77041	Carbon disulfide			EPA 8260A		NA	5.00
32102	Carbon tetrachloride			EPA 8260A		NA	10.0
34301	Chlorobenzene			EPA 8260A		NA	5.00
34311	Chloroethane			EPA 8260A		NA	10.0
32106	Chloroform			EPA 8260A		NA	5.00
32105	Dibromochloromethane			EPA 8260A		NA	5.00
38761	1,2-Dibromo-3-chloropropane			EPA 504		NA	0.020
77651	1,2-Dibromoethane			EPA 504		NA	0.020
34537	o-Dichlorobenzene			EPA 8260A		NA	5.00
34571	p-Dichlorobenzene			EPA 8260A		NA	5.00
49263	trans-1,4-Dichloro-2-butene			EPA 8260A		NA	50.0
34496	1,1-Dichloroethane			EPA 8260A		NA	5.00
32103	1,2-Dichloroethane			EPA 8260A		NA	5.00
34502	1,1-Dichloroethene			EPA 8260A		NA	5.00
81686	cis-1,2-Dichloroethene			EPA 8260A		NA	5.00
34546	trans-1,2-Dichloroethene			EPA 8260A		NA	5.00
34541	1,2-Dichloropropane			EPA 8260A		NA	5.00
34704	cis-1,3-Dichloropropene			EPA 8260A		NA	5.00
34699	trans-1,3-Dichloropropene			EPA 8260A		NA	5.00
78113	Ethylbenzene			EPA 8260A		NA	5.00
77103	2-Hexanone			EPA 8260A		NA	10.0
34413	Methyl bromide			EPA 8260A		NA	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)
34418	Methyl chloride			EPA 8260A		NA	5.00
77596	Methylene bromide			EPA 8260A		NA	10.0
34423	Methylene chloride			EPA 8260A		NA	10.0
81595	Methyl ethyl ketone			EPA 8260A		NA	10.0
49262	Methyl iodide			EPA 8260A		NA	10.0
78133	4-Methyl-2-pentanone			EPA 8260A		NA	10.0
77128	Styrene			EPA 8260A		NA	5.00
77562	1,1,1,2-Tetrachloroethane			EPA 8260A		NA	5.00
34516	1,1,2,2-Tetrachloroethane			EPA 8260A		NA	5.00
34476	Tetrachloroethene			EPA 8260A		NA	5.00
78131	Toluene			EPA 8260A		NA	5.00
34506	1,1,1-Trichloroethane			EPA 8260A		NA	5.00
34511	1,1,2-Trichloroethane			EPA 8260A		NA	5.00
34485	Trichloroethene			EPA 8260A		NA	5.00
34488	Trichlorofluoromethane			EPA 8260A		NA	5.00
77443	1,2,3-Trichloropropane			EPA 8260A		NA	5.00
77057	Vinyl acetate			EPA 8260A		NA	5.00
39175	Vinyl chloride			EPA 8260A		NA	5.00
81551	Xylenes			EPA 8260A		NA	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		NA	10.0
34200	Acenaphthylene			EPA 8270A		NA	10.0
N/A	Acetonitrile			EPA 8260A		NA	5.00
81553	Acetophenone			EPA 8270A		NA	10.0
N/A	2-Acetylaminofluorene			EPA 8270A		NA	20.0
34210	Acrolein			EPA 8260A		NA	100
39330	Aldrin			EPA 608	09/04/98	<0.010	0.010
78109	Allyl chloride			EPA 8260A		NA	10.0
N/A	4-Aminobiphenyl			EPA 8270A		NA	20.0
34220	Anthracene			EPA 8270A		NA	10.0
34527	Benzo(a)anthracene			EPA 8270A		NA	10.0
34230	Benzo(b)fluoranthene			EPA 8270A		NA	10.0
34242	Benzo(k)fluoranthene			EPA 8270A		NA	10.0
34521	Benzo(ghi)perylene			EPA 8270A		NA	10.0
34247	Benzo(a)pyrene			EPA 8270A		NA	10.0
77147	Benzyl alcohol			EPA 8270A		NA	20.0
34253	alpha-BHC			EPA 608	09/04/98	<0.010	0.010
34255	beta-BHC			EPA 608	09/04/98	<0.010	0.010
34259	delta-BHC			EPA 608	09/04/98	<0.010	0.010
39340	gamma-BHC			EPA 608	09/04/98	<0.010	0.010
34278	Bis(2-chloroethoxy)methane			EPA 8270A		NA	10.0
34273	Bis(2-chloroethyl)ether			EPA 8270A		NA	10.0
34283	Bis(2-chloroisopropyl)ether			EPA 8270A		NA	10.0
39100	Bis(2-ethylhexyl)phthalate			EPA 8270A		NA	10.0
34636	4-Bromophenyl phenyl ether			EPA 8270A		NA	10.0
51003	Butyl benzyl phthalate			EPA 8270A		NA	10.0
39350	Chlordane			EPA 608	09/04/98	<0.010	0.010
60037	p-Chloroaniline			EPA 8270A		NA	20.0
39460	Chlorobenzilate			EPA 8270A		NA	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		NA	20.0
34581	2-Chloronaphthalene			EPA 8270A		NA	10.0
34586	2-Chlorophenol			EPA 8270A		NA	10.0
34641	4-Chlorophenyl phenyl ether			EPA 8270A		NA	10.0
34320	Chrysene			EPA 8270A		NA	10.0
N/A	3-Methylphenol			EPA 8270A		NA	10.0
77152	2-Methylphenol			EPA 8270A		NA	10.0
N/A	4-Methylphenol			EPA 8270A		NA	10.0
39730	2,4-D			EPA 8150	09/08/98	<1.2	1.2
39360	4,4'-DDD			EPA 608	09/04/98	<0.010	0.010
39365	4,4'-DDE			EPA 608	09/04/98	<0.010	0.010
39370	4,4'-DDT			EPA 608	09/04/98	<0.010	0.010
N/A	Diallate			EPA 8270A		NA	10.0
51004	Dibenzo(a,h)anthracene			EPA 8270A		NA	10.0
81302	Dibenzofuran			EPA 8270A		NA	10.0
39110	Di-n-butyl phthalate			EPA 8270A		NA	10.0
34631	3,3'-Dichlorobenzidine			EPA 8270A		NA	20.0
34601	2,4-Dichlorophenol			EPA 8270A		NA	10.0
77541	2,6-Dichlorophenol			EPA 8270A		NA	10.0
39380	Dieldrin			EPA 608	09/04/98	<0.010	0.010
34336	Diethyl phthalate			EPA 8270A		NA	10.0
N/A	0,0-Diethyl 0,2-pyrazinyl phosphorothioate			EPA 8270A		NA	10.0
46314	Dimethoate			EPA 8270A		NA	10.0
N/A	p-(Dimethylamino)azobenzene			EPA 8270A		NA	10.0
N/A	7,12-Dimethylbenz(a)anthracene			EPA 8270A		NA	10.0
N/A	3,3'-Dimethylbenzidine			EPA 8270A		NA	20.0
34606	2,4-Dimethylphenol			EPA 8270A		NA	10.0
34341	Dimethyl phthalate			EPA 8270A		NA	10.0
N/A	m-Dinitrobenzene			EPA 8270A		NA	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		NA	50.0
34616	2,4-Dinitrophenol			EPA 8270A		NA	50.0
34611	2,4-Dinitrotoluene			EPA 8270A		NA	10.0
34626	2,6-Dinitrotoluene			EPA 8270A		NA	10.0
34596	Di-n-octyl phthalate			EPA 8270A		NA	10.0
77579	Diphenylamine			EPA 8270A		NA	10.0
81888	Disulfoton			EPA 8270A		NA	10.0
34361	Endosulfan I			EPA 608	09/04/98	<0.010	0.010
34356	Endosulfan II			EPA 608	09/04/98	<0.010	0.010
34351	Endosulfan sulfate			EPA 608	09/04/98	<0.010	0.010
39390	Endrin			EPA 608	09/04/98	<0.010	0.010
34366	Endrin aldehyde			EPA 608	09/04/98	<0.010	0.010
N/A	Ethyl methanesulfonate			EPA 8270A		NA	20.0
38462	Famphur			EPA 8270A		NA	20.0
34376	Fluoranthene			EPA 8270A		NA	10.0
34381	Fluorene			EPA 8270A		NA	10.0
39410	Heptachlor			EPA 608	09/04/98	<0.010	0.010
39420	Heptachlor epoxide			EPA 608	09/04/98	<0.010	0.010
39700	Hexachlorobenzene			EPA 8270A		NA	10.0
34391	Hexachlorobutadiene			EPA 8270A		NA	10.0
34386	Hexachlorocyclopentadiene			EPA 8270A		NA	10.0
34396	Hexachloroethane			EPA 8270A		NA	10.0
N/A	Hexachloropropene			EPA 8270A		NA	10.0
77033	Isobutyl alcohol			EPA 8260A		NA	5.00
39430	Isodrin			EPA 8270A		NA	20.0
34408	Isophorone			EPA 8270A		NA	10.0
N/A	Isosafrole			EPA 8270A		NA	10.0
81593	Methacrylonitrile			EPA 8260A		NA	20.0

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	Methapyrilene			EPA 8270A		NA	100
39480	Methoxychlor			EPA 608	09/04/98	<0.010	0.010
N/A	3-Methylcholanthrene			EPA 8270A		NA	10.0
81597	Methyl methacrylate			EPA 8260A		NA	10.0
N/A	Methyl methanesulfonate			EPA 8270A		NA	10.0
77416	2-Methylnaphthalene			EPA 8270A		NA	10.0
39600	Methyl parathion			EPA 8270A		NA	10.0
34696	Naphthalene			EPA 8270A		NA	10.0
N/A	1,4-Naphthoquinone			EPA 8270A		NA	10.0
N/A	1-Naphthylamine			EPA 8270A		NA	10.0
N/A	2-Naphthylamine			EPA 8270A		NA	10.0
N/A	2-Nitroaniline			EPA 8270A		NA	50.0
78300	3-Nitroaniline			EPA 8270A		NA	20.0
30342	4-Nitroaniline			EPA 8270A		NA	40.0
34447	Nitrobenzene			EPA 8270A		NA	10.0
34591	2-Nitrophenol			EPA 8270A		NA	10.0
34646	4-Nitrophenol			EPA 8270A		NA	50.0
N/A	n-Nitrosodi-n-butylamine			EPA 8270A		NA	10.0
78200	n-Nitrosodiethylamine			EPA 8270A		NA	20.0
34438	n-Nitrosodimethylamine			EPA 8270A		NA	10.0
34433	n-Nitrosodiphenylamine			EPA 8270A		NA	10.0
34428	n-Nitroso-n-dipropylamine			EPA 8270A		NA	10.0
N/A	n-Nitrosomethylethylamine			EPA 8270A		NA	10.0
N/A	n-Nitrosopiperidine			EPA 8270A		NA	10.0
78206	n-Nitrosopyrrolidine			EPA 8270A		NA	10.0
N/A	5-Nitro-o-toluidine			EPA 8270A		NA	10.0
39540	Parathion			EPA 8270A		NA	10.0
77793	Pentachlorobenzene			EPA 8270A		NA	10.0
81316	Pentachloronitrobenzene			EPA 8270A		NA	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		NA	10.0
N/A	Phenacetin			EPA 8270A		NA	10.0
34461	Phenanthrene			EPA 8270A		NA	10.0
32730	Phenol			EPA 8270A		NA	10.0
N/A	p-Phenylenediamine			EPA 8270A		NA	10.0
46313	Phorate			EPA 8270A		NA	10.0
39516	PCBs			EPA 8082	09/04/98	<0.1	0.1
39080	Pronamide			EPA 8270A		NA	10.0
77007	Propionitrile			EPA 8260A		NA	10.0
34469	Pyrene			EPA 8270A		NA	10.0
77545	Safrole			EPA 8270A		NA	10.0
39760	Silvex			EPA 8150	09/08/98	<0.17	0.17
81520	Chloroprene			EPA 8260A		NA	50.0
00746	Sulfide			EPA 376.2		NA	40.0
39740	2,4,5-T			EPA 8150	09/08/98	<0.25	0.25
77734	1,2,4,5-Tetrachlorobenzene			EPA 8270A		NA	10.0
N/A	2,3,4,6-Tetrachlorophenol			EPA 8270A		NA	10.0
77142	o-Toluidine			EPA 8270A		NA	10.0
39400	Toxaphene			EPA 608	09/04/98	<0.010	0.010
34551	1,2,4-Trichlorobenzene			EPA 8270A		NA	10.0
77687	2,4,5-Trichlorophenol			EPA 8270A		NA	10.0
34621	2,4,6-Trichlorophenol			EPA 8270A		NA	10.0
N/A	Triethyl phosphorothioate			EPA 8270A		NA	10.0
N/A	1,3,5-Trinitrobenzene			EPA 8270A		NA	10.0
77173	1,3-Dichloropropane			EPA 8260A		NA	5.00
77170	2,2-Dichloropropane			EPA 8260A		NA	5.00
77168	1,1-Dichloropropene			EPA 8260A		NA	5.00
34566	1,3-Dichlorobenzene			EPA 8260A		NA	5.00

PART III - ANALYTICAL RESULTS (Continued) 2MW13D

[illegible]

Received: 08/25/98

Results by Sample

SAMPLE ID 2MW130FRACTION 04ATEST CODE 8150WNAME CHLORINATED HERBICIDESDate & Time Collected 08/24/98 12:00:00Category WATER**CHLORINATED HERBICIDES**

RESULT LIMIT

2,4-D ND 1.2Silvex (2,4,5-TP) ND 0.17

Notes and Definitions for this Report:

EXTRACTED: 08/31/98DATE RUN: 09/08/98ANALYST: CKINSTRUMENT: HP3CONC FACTOR: 1

UNITS = ug/L

ND = not detected at detection limit

	RESULT	LIMIT
2,4,5-T	ND	0.25

Received: 08/25/98

Results by Sample

SAMPLE ID 2MW13DFRACTION 04A TEST CODE PCB U NAME PCB (WATER)Date & Time Collected 08/24/98 12:00:00Category WATERPCB in WATER

CAS NUM.	RESULT	LIMIT	UNITS	ANALYTE
12674-11-2	<u>ND</u>	<u>0.1</u>	ug/L	Aroclor 1016
11104-28-2	<u>ND</u>	<u>0.1</u>	ug/L	Aroclor 1221
11141-16-5	<u>ND</u>	<u>0.1</u>	ug/L	Aroclor 1232
53469-21-9	<u>ND</u>	<u>0.1</u>	ug/L	Aroclor 1242
12672-29-6	<u>ND</u>	<u>0.1</u>	ug/L	Aroclor 1248
11097-69-1	<u>ND</u>	<u>0.1</u>	ug/L	Aroclor 1254
11096-82-5	<u>ND</u>	<u>0.1</u>	ug/L	Aroclor 1260

Notes and Definitions for this Report:

EXTRACTED: 08/31/98
DATE RUN: 09/04/98
ANALYST: CK
INSTRUMENT: HP2
DIL. FACTOR: 1

ND = not detected at detection limit

Received: 08/25/98

Results by Sample

SAMPLE ID 2MW13DFRACTION 04A TEST CODE PEST W NAME PESTICIDES - WATERDate & Time Collected 08/24/98 12:00:00 Category WATER**PESTICIDES in WATER**

RESULT LIMIT

a-BHC	ND	0.010
g-BHC (Lindane)	ND	0.010
b-BHC	ND	0.010
Heptachlor	ND	0.010
d-BHC	ND	0.010
Aldrin	ND	0.010
Heptachlor Epoxide	ND	0.010
Endosulfan I	ND	0.010
4,4'-DDE	ND	0.010
Dieldrin	ND	0.010
Endrin	ND	0.010
4,4'-DDD	ND	0.010
Endosulfan II	ND	0.010
4,4'-DDT	ND	0.010
Endrin Aldehyde	ND	0.010
Endosulfan Sulfate	ND	0.010
Chlordane	ND	0.010
Toxaphene	ND	0.010
Methoxychlor	ND	0.010

Notes and Definitions for this Report:

EXTRACTED: 08/31/98
DATE RUN: 09/04/98
ANALYST: CK
INSTRUMENT: HP2
DIL. FACTOR: 1
UNITS: ug/L

ND = not detected at detection limit

• PART IN - ANALYTICAL RESULTS

Facility GMS #: _____

Sampling Date/Time: 08/24/98 @ 11:45

Test Site ID #: _____

Report Period: _____
(Year/Quarter)

WELL NAME: 4MW14D

Well Type: () Background

Classification of Ground Water: _____

() Intermediate

Ground Water Elevation (NGVD): _____

() Compliance

or (MSL): _____

() Other

7710

ORG

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		NA	0.005
01002	Arsenic			EPA 200.7		NA	0.005
01007	Barium			EPA 200.7		NA	0.005
01012	Beryllium			EPA 200.7		NA	0.005
01027	Cadmium			EPA 200.7		NA	0.005
01034	Chromium			EPA 200.7		NA	0.005
01037	Cobalt			EPA 200.7		NA	0.005
01042	Copper			EPA 200.7		NA	0.005
01051	Lead			EPA 200.7		NA	0.005
01067	Nickel			EPA 200.7		NA	0.005
01147	Selenium			EPA 200.7		NA	0.005
01077	Silver			EPA 200.7		NA	0.005
01057	Thallium			EPA 200.7		NA	0.009
01085	Vanadium			EPA 200.7		NA	0.005
71900	Mercury			EPA 245.1		NA	0.0002
01102	Tin			EPA 200.7		NA	0.300
01092	Zinc			EPA 200.7		NA	0.005
00720	Cyanide			EPA 335.2		NA	0.010

• PART III – ANALYTICAL RESULTS (Continued) 4MW14D

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		NA	50.0
34215	Acrylonitrile			EPA 8260A		NA	10.0
34235	Benzene			EPA 8260A		NA	5.00
N/A	Bromochloromethane			EPA 8260A		NA	5.00
32101	Bromodichloromethane			EPA 8260A		NA	5.00
32104	Bromoform			EPA 8260A		NA	5.00
77041	Carbon disulfide			EPA 8260A		NA	5.00
32102	Carbon tetrachloride			EPA 8260A		NA	10.0
34301	Chlorobenzene			EPA 8260A		NA	5.00
34311	Chloroethane			EPA 8260A		NA	10.0
32106	Chloroform			EPA 8260A		NA	5.00
32105	Dibromochloromethane			EPA 8260A		NA	5.00
38761	1,2-Dibromo-3-chloropropane			EPA 504		NA	0.020
77651	1,2-Dibromoethane			EPA 504		NA	0.020
34537	o-Dichlorobenzene			EPA 8260A		NA	5.00
34571	p-Dichlorobenzene			EPA 8260A		NA	5.00
49263	trans-1,4-Dichloro-2-butene			EPA 8260A		NA	50.0
34496	1,1-Dichloroethane			EPA 8260A		NA	5.00
32103	1,2-Dichloroethane			EPA 8260A		NA	5.00
34502	1,1-Dichloroethene			EPA 8260A		NA	5.00
81686	cis-1,2-Dichloroethene			EPA 8260A		NA	5.00
34546	trans-1,2-Dichloroethene			EPA 8260A		NA	5.00
34541	1,2-Dichloropropane			EPA 8260A		NA	5.00
34704	cis-1,3-Dichloropropene			EPA 8260A		NA	5.00
34699	trans-1,3-Dichloropropene			EPA 8260A		NA	5.00
78113	Ethylbenzene			EPA 8260A		NA	5.00
77103	2-Hexanone			EPA 8260A		NA	10.0
34413	Methyl bromide			EPA 8260A		NA	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)
34418	Methyl chloride			EPA 8260A		NA	5.00
77596	Methylene bromide			EPA 8260A		NA	10.0
34423	Methylene chloride			EPA 8260A		NA	10.0
81595	Methyl ethyl ketone			EPA 8260A		NA	10.0
49262	Methyl iodide			EPA 8260A		NA	10.0
78133	4-Methyl-2-pentanone			EPA 8260A		NA	10.0
77128	Styrene			EPA 8260A		NA	5.00
77562	1,1,1,2-Tetrachloroethane			EPA 8260A		NA	5.00
34516	1,1,2,2-Tetrachloroethane			EPA 8260A		NA	5.00
34476	Tetrachloroethene			EPA 8260A		NA	5.00
78131	Toluene			EPA 8260A		NA	5.00
34506	1,1,1-Trichloroethane			EPA 8260A		NA	5.00
34511	1,1,2-Trichloroethane			EPA 8260A		NA	5.00
34485	Trichloroethene			EPA 8260A		NA	5.00
34488	Trichlorofluoromethane			EPA 8260A		NA	5.00
77443	1,2,3-Trichloropropane			EPA 8260A		NA	5.00
77057	Vinyl acetate			EPA 8260A		NA	5.00
39175	Vinyl chloride			EPA 8260A		NA	5.00
81551	Xylenes			EPA 8260A		NA	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		NA	10.0
34200	Acenaphthylene			EPA 8270A		NA	10.0
N/A	Acetonitrile			EPA 8260A		NA	5.00
81553	Acetophenone			EPA 8270A		NA	10.0
N/A	2-Acetylaminofluorene			EPA 8270A		NA	20.0
34210	Acrolein			EPA 8260A		NA	100
39330	Aldrin			EPA 608	09/04/98	<0.010	0.010
78109	Allyl chloride			EPA 8260A		NA	10.0
N/A	4-Aminobiphenyl			EPA 8270A		NA	20.0
34220	Anthracene			EPA 8270A		NA	10.0
34527	Benzo(a)anthracene			EPA 8270A		NA	10.0
34230	Benzo(b)fluoranthene			EPA 8270A		NA	10.0
34242	Benzo(k)fluoranthene			EPA 8270A		NA	10.0
34521	Benzo(ghi)perylene			EPA 8270A		NA	10.0
34247	Benzo(a)pyrene			EPA 8270A		NA	10.0
77147	Benzyl alcohol			EPA 8270A		NA	20.0
34253	alpha-BHC			EPA 608	09/04/98	<0.010	0.010
34255	beta-BHC			EPA 608	09/04/98	<0.010	0.010
34259	delta-BHC			EPA 608	09/04/98	<0.010	0.010
39340	gamma-BHC			EPA 608	09/04/98	<0.010	0.010
34278	Bis(2-chloroethoxy)methane			EPA 8270A		NA	10.0
34273	Bis(2-chloroethyl)ether			EPA 8270A		NA	10.0
34283	Bis(2-chloroisopropyl)ether			EPA 8270A		NA	10.0
39100	Bis(2-ethylhexyl)phthalate			EPA 8270A		NA	10.0
34636	4-Bromophenyl phenyl ether			EPA 8270A		NA	10.0
51003	Butyl benzyl phthalate			EPA 8270A		NA	10.0
39350	Chlordane			EPA 608	09/04/98	<0.010	0.010
60037	p-Chloroaniline			EPA 8270A		NA	20.0
39460	Chlorobenzilate			EPA 8270A		NA	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		NA	20.0
34581	2-Chloronaphthalene			EPA 8270A		NA	10.0
34586	2-Chlorophenol			EPA 8270A		NA	10.0
34641	4-Chlorophenyl phenyl ether			EPA 8270A		NA	10.0
34320	Chrysene			EPA 8270A		NA	10.0
N/A	3-Methylphenol			EPA 8270A		NA	10.0
77152	2-Methylphenol			EPA 8270A		NA	10.0
N/A	4-Methylphenol			EPA 8270A		NA	10.0
39730	2,4-D			EPA 8150	09/08/98	<1.2	1.2
39360	4,4'-DDD			EPA 608	09/04/98	<0.010	0.010
39365	4,4'-DDE			EPA 608	09/04/98	<0.010	0.010
39370	4,4'-DDT			EPA 608	09/04/98	<0.010	0.010
N/A	Diallate			EPA 8270A		NA	10.0
51004	Dibenzo(a,h)anthracene			EPA 8270A		NA	10.0
81302	Dibenzofuran			EPA 8270A		NA	10.0
39110	Di-n-butyl phthalate			EPA 8270A		NA	10.0
34631	3,3'-Dichlorobenzidine			EPA 8270A		NA	20.0
34601	2,4-Dichlorophenol			EPA 8270A		NA	10.0
77541	2,6-Dichlorophenol			EPA 8270A		NA	10.0
39380	Dieldrin			EPA 608	09/04/98	<0.010	0.010
34336	Diethyl phthalate			EPA 8270A		NA	10.0
N/A	0,0-Diethyl 0,2-pyrazinyl phosphorothioate			EPA 8270A		NA	10.0
46314	Dimethoate			EPA 8270A		NA	10.0
N/A	p-(Dimethylamino)azobenzene			EPA 8270A		NA	10.0
N/A	7,12-Dimethylbenz(a)anthracene			EPA 8270A		NA	10.0
N/A	3,3'-Dimethylbenzidine			EPA 8270A		NA	20.0
34606	2,4-Dimethylphenol			EPA 8270A		NA	10.0
34341	Dimethyl phthalate			EPA 8270A		NA	10.0
N/A	m-Dinitrobenzene			EPA 8270A		NA	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		NA	50.0
34616	2,4-Dinitrophenol			EPA 8270A		NA	50.0
34611	2,4-Dinitrotoluene			EPA 8270A		NA	10.0
34626	2,6-Dinitrotoluene			EPA 8270A		NA	10.0
34596	Di-n-octyl phthalate			EPA 8270A		NA	10.0
77579	Diphenylamine			EPA 8270A		NA	10.0
81888	Disulfoton			EPA 8270A		NA	10.0
34361	Endosulfan I			EPA 608	09/04/98	<0.010	0.010
34356	Endosulfan II			EPA 608	09/04/98	<0.010	0.010
34351	Endosulfan sulfate			EPA 608	09/04/98	<0.010	0.010
39390	Endrin			EPA 608	09/04/98	<0.010	0.010
34366	Endrin aldehyde			EPA 608	09/04/98	<0.010	0.010
N/A	Ethyl methanesulfonate			EPA 8270A		NA	20.0
38462	Famphur			EPA 8270A		NA	20.0
34376	Fluoranthene			EPA 8270A		NA	10.0
34381	Fluorene			EPA 8270A		NA	10.0
39410	Heptachlor			EPA 608	09/04/98	<0.010	0.010
39420	Heptachlor epoxide			EPA 608	09/04/98	<0.010	0.010
39700	Hexachlorobenzene			EPA 8270A		NA	10.0
34391	Hexachlorobutadiene			EPA 8270A		NA	10.0
34386	Hexachlorocyclopentadiene			EPA 8270A		NA	10.0
34396	Hexachloroethane			EPA 8270A		NA	10.0
N/A	Hexachloropropene			EPA 8270A		NA	10.0
77033	Isobutyl alcohol			EPA 8260A		NA	5.00
39430	Isodrin			EPA 8270A		NA	20.0
34408	Isophorone			EPA 8270A		NA	10.0
N/A	Isosafrole			EPA 8270A		NA	10.0
81593	Methacrylonitrile			EPA 8260A		NA	20.0

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	Methapyrilene			EPA 8270A		NA	100
39480	Methoxychlor			EPA 608	09/04/98	<0.010	0.010
N/A	3-Methylcholanthrene			EPA 8270A		NA	10.0
81597	Methyl methacrylate			EPA 8260A		NA	10.0
N/A	Methyl methanesulfonate			EPA 8270A		NA	10.0
77416	2-Methylnaphthalene			EPA 8270A		NA	10.0
39600	Methyl parathion			EPA 8270A		NA	10.0
34696	Naphthalene			EPA 8270A		NA	10.0
N/A	1,4-Naphthoquinone			EPA 8270A		NA	10.0
N/A	1-Naphthylamine			EPA 8270A		NA	10.0
N/A	2-Naphthylamine			EPA 8270A		NA	10.0
N/A	2-Nitroaniline			EPA 8270A		NA	50.0
78300	3-Nitroaniline			EPA 8270A		NA	20.0
30342	4-Nitroaniline			EPA 8270A		NA	40.0
34447	Nitrobenzene			EPA 8270A		NA	10.0
34591	2-Nitrophenol			EPA 8270A		NA	10.0
34646	4-Nitrophenol			EPA 8270A		NA	50.0
N/A	n-Nitrosodi-n-butylamine			EPA 8270A		NA	10.0
78200	n-Nitrosodiethylamine			EPA 8270A		NA	20.0
34438	n-Nitrosodimethylamine			EPA 8270A		NA	10.0
34433	n-Nitrosodiphenylamine			EPA 8270A		NA	10.0
34428	n-Nitroso-n-dipropylamine			EPA 8270A		NA	10.0
N/A	n-Nitrosomethylethylamine			EPA 8270A		NA	10.0
N/A	n-Nitrosopiperidine			EPA 8270A		NA	10.0
78206	n-Nitrosopyrrolidine			EPA 8270A		NA	10.0
N/A	5-Nitro-o-toluidine			EPA 8270A		NA	10.0
39540	Parathion			EPA 8270A		NA	10.0
77793	Pentachlorobenzene			EPA 8270A		NA	10.0
81316	Pentachloronitrobenzene			EPA 8270A		NA	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		NA	10.0
N/A	Phenacetin			EPA 8270A		NA	10.0
34461	Phenanthrene			EPA 8270A		NA	10.0
32730	Phenol			EPA 8270A		NA	10.0
N/A	p-Phenylenediamine			EPA 8270A		NA	10.0
46313	Phorate			EPA 8270A		NA	10.0
39516	PCBs			EPA 8082	09/04/98	<0.1	0.1
39080	Pronamide			EPA 8270A		NA	10.0
77007	Propionitrile			EPA 8260A		NA	10.0
34469	Pyrene			EPA 8270A		NA	10.0
77545	Safrole			EPA 8270A		NA	10.0
39760	Silvex			EPA 8150	09/08/98	<0.17	0.17
81520	Chloroprene			EPA 8260A		NA	50.0
00746	Sulfide			EPA 376.2		NA	40.0
39740	2,4,5-T			EPA 8150	09/08/98	<0.25	0.25
77734	1,2,4,5-Tetrachlorobenzene			EPA 8270A		NA	10.0
N/A	2,3,4,6-Tetrachlorophenol			EPA 8270A		NA	10.0
77142	o-Toluidine			EPA 8270A		NA	10.0
39400	Toxaphene			EPA 608	09/04/98	<0.010	0.010
34551	1,2,4-Trichlorobenzene			EPA 8270A		NA	10.0
77687	2,4,5-Trichlorophenol			EPA 8270A		NA	10.0
34621	2,4,6-Trichlorophenol			EPA 8270A		NA	10.0
N/A	Triethyl phosphorothioate			EPA 8270A		NA	10.0
N/A	1,3,5-Trinitrobenzene			EPA 8270A		NA	10.0
77173	1,3-Dichloropropane			EPA 8260A		NA	5.00
77170	2,2-Dichloropropane			EPA 8260A		NA	5.00
77168	1,1-Dichloropropene			EPA 8260A		NA	5.00
34566	1,3-Dichlorobenzene			EPA 8260A		NA	5.00

PART III - ANALYTICAL RESULTS (Continued) 4MW14D[illegible]

Received: 08/25/98

Results by Sample

SAMPLE ID 4MW14DFRACTION 03ATEST CODE 8150WNAME CHLORINATED HERBICIDESDate & Time Collected 08/24/98 11:45:00Category WATER**CHLORINATED HERBICIDES**

RESULT LIMIT

2,4-D ND 1.2silvex (2,4,5-TP) ND 0.17

Notes and Definitions for this Report:

EXTRACTED: 08/31/98DATE RUN: 09/08/98ANALYST: CKINSTRUMENT: HP3CONC FACTOR: 1

UNITS = ug/L

ND = not detected at detection limit

	RESULT	LIMIT
2,4,5-T	ND	0.25

Received: 08/25/98

Results by Sample

SAMPLE ID 4MW14DFRACTION 03A TEST CODE PCB W NAME PCB (WATER)Date & Time Collected 08/24/98 11:45:00Category WATER**PCB in WATER**

CAS NUM.	RESULT	LIMIT	UNITS	ANALYTE
12674-11-2	<u>ND</u>	<u>0.1</u>	ug/L	Aroclor 1016
11104-28-2	<u>ND</u>	<u>0.1</u>	ug/L	Aroclor 1221
11141-16-5	<u>ND</u>	<u>0.1</u>	ug/L	Aroclor 1232
53469-21-9	<u>ND</u>	<u>0.1</u>	ug/L	Aroclor 1242
12672-29-6	<u>ND</u>	<u>0.1</u>	ug/L	Aroclor 1248
11097-69-1	<u>ND</u>	<u>0.1</u>	ug/L	Aroclor 1254
11096-82-5	<u>ND</u>	<u>0.1</u>	ug/L	Aroclor 1260

Notes and Definitions for this Report:

EXTRACTED: 08/31/98
DATE RUN: 09/04/98
ANALYST: CK
INSTRUMENT: HP2
DIL. FACTOR: 1

ND = not detected at detection limit

Received: 08/25/98

Results by Sample

SAMPLE ID 4MW14DFRACTION 03ATEST CODE PEST WNAME PESTICIDES - WATERDate & Time Collected 08/24/98 11:45:00Category WATER**PESTICIDES in WATER**

RESULT LIMIT

a-BHC	ND	0.010
g-BHC (Lindane)	ND	0.010
b-BHC	ND	0.010
Heptachlor	ND	0.010
d-BHC	ND	0.010
Aldrin	ND	0.010
Heptachlor Epoxide	ND	0.010
Endosulfan I	ND	0.010
4,4'-DDE	ND	0.010
Dieldrin	ND	0.010
Endrin	ND	0.010
4,4'-DDD	ND	0.010
Endosulfan II	ND	0.010
4,4'-DDT	ND	0.010
Endrin Aldehyde	ND	0.010
Endosulfan Sulfate	ND	0.010
Chlordane	ND	0.010
Toxaphene	ND	0.010
Methoxychlor	ND	0.010

Notes and Definitions for this Report:

EXTRACTED: 08/31/98
DATE RUN: 09/04/98
ANALYST: CK
INSTRUMENT: HP2
DIL. FACTOR: 1
UNITS: ug/L

ND = not detected at detection limit

PART III - ANALYTICAL RESULTS

Facility GMS #: _____

Sampling Date/Time: 08/24/98 @ 11:00

Test Site ID #: _____

Report Period: _____

(Year/Quarter)

WELL NAME: 4MW15D

Well Type: () Background

Classification of Ground Water: _____

() Intermediate

Ground Water Elevation (NGVD): _____

() Compliance

or (MSL): _____

() Other

DRG

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		NA	0.005
01002	Arsenic			EPA 200.7		NA	0.005
01007	Barium			EPA 200.7		NA	0.005
01012	Beryllium			EPA 200.7		NA	0.005
01027	Cadmium			EPA 200.7		NA	0.005
01034	Chromium			EPA 200.7		NA	0.005
01037	Cobalt			EPA 200.7		NA	0.005
01042	Copper			EPA 200.7		NA	0.005
01051	Lead			EPA 200.7		NA	0.005
01067	Nickel			EPA 200.7		NA	0.005
01147	Selenium			EPA 200.7		NA	0.005
01077	Silver			EPA 200.7		NA	0.005
01057	Thallium			EPA 200.7		NA	0.009
01085	Vanadium			EPA 200.7		NA	0.005
71900	Mercury			EPA 245.1		NA	0.0002
01102	Tin			EPA 200.7		NA	0.300
01092	Zinc			EPA 200.7		NA	0.005
00720	Cyanide			EPA 335.2		NA	0.010

• PART III - ANALYTICAL RESULTS (Continued) 4MW15D

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		NA	50.0
34215	Acrylonitrile			EPA 8260A		NA	10.0
34235	Benzene			EPA 8260A		NA	5.00
N/A	Bromochloromethane			EPA 8260A		NA	5.00
32101	Bromodichloromethane			EPA 8260A		NA	5.00
32104	Bromoform			EPA 8260A		NA	5.00
77041	Carbon disulfide			EPA 8260A		NA	5.00
32102	Carbon tetrachloride			EPA 8260A		NA	10.0
34301	Chlorobenzene			EPA 8260A		NA	5.00
34311	Chloroethane			EPA 8260A		NA	10.0
32106	Chloroform			EPA 8260A		NA	5.00
32105	Dibromochloromethane			EPA 8260A		NA	5.00
38761	1,2-Dibromo-3-chloropropane			EPA 504		NA	0.020
77651	1,2-Dibromoethane			EPA 504		NA	0.020
34537	o-Dichlorobenzene			EPA 8260A		NA	5.00
34571	p-Dichlorobenzene			EPA 8260A		NA	5.00
49263	trans-1,4-Dichloro-2-butene			EPA 8260A		NA	50.0
34496	1,1-Dichloroethane			EPA 8260A		NA	5.00
32103	1,2-Dichloroethane			EPA 8260A		NA	5.00
34502	1,1-Dichloroethene			EPA 8260A		NA	5.00
81686	cis-1,2-Dichloroethene			EPA 8260A		NA	5.00
34546	trans-1,2-Dichloroethene			EPA 8260A		NA	5.00
34541	1,2-Dichloropropane			EPA 8260A		NA	5.00
34704	cis-1,3-Dichloropropene			EPA 8260A		NA	5.00
34699	trans-1,3-Dichloropropene			EPA 8260A		NA	5.00
78113	Ethylbenzene			EPA 8260A		NA	5.00
77103	2-Hexanone			EPA 8260A		NA	10.0
34413	Methyl bromide			EPA 8260A		NA	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)
34418	Methyl chloride			EPA 8260A		NA	5.00
77596	Methylene bromide			EPA 8260A		NA	10.0
34423	Methylene chloride			EPA 8260A		NA	10.0
81595	Methyl ethyl ketone			EPA 8260A		NA	10.0
49262	Methyl iodide			EPA 8260A		NA	10.0
78133	4-Methyl-2-pentanone			EPA 8260A		NA	10.0
77128	Styrene			EPA 8260A		NA	5.00
77562	1,1,1,2-Tetrachloroethane			EPA 8260A		NA	5.00
34516	1,1,2,2-Tetrachloroethane			EPA 8260A		NA	5.00
34476	Tetrachloroethene			EPA 8260A		NA	5.00
78131	Toluene			EPA 8260A		NA	5.00
34506	1,1,1-Trichloroethane			EPA 8260A		NA	5.00
34511	1,1,2-Trichloroethane			EPA 8260A		NA	5.00
34485	Trichloroethene			EPA 8260A		NA	5.00
34488	Trichlorofluoromethane			EPA 8260A		NA	5.00
77443	1,2,3-Trichloropropane			EPA 8260A		NA	5.00
77057	Vinyl acetate			EPA 8260A		NA	5.00
39175	Vinyl chloride			EPA 8260A		NA	5.00
81551	Xylenes			EPA 8260A		NA	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		NA	10.0
34200	Acenaphthylene			EPA 8270A		NA	10.0
N/A	Acetonitrile			EPA 8260A		NA	5.00
81553	Acetophenone			EPA 8270A		NA	10.0
N/A	2-Acetylaminofluorene			EPA 8270A		NA	20.0
34210	Acrolein			EPA 8260A		NA	100
39330	Aldrin			EPA 608	09/04/98	<0.010	0.010
78109	Allyl chloride			EPA 8260A		NA	10.0
N/A	4-Aminobiphenyl			EPA 8270A		NA	20.0
34220	Anthracene			EPA 8270A		NA	10.0
34527	Benzo(a)anthracene			EPA 8270A		NA	10.0
34230	Benzo(b)fluoranthene			EPA 8270A		NA	10.0
34242	Benzo(k)fluoranthene			EPA 8270A		NA	10.0
34521	Benzo(ghi)perylene			EPA 8270A		NA	10.0
34247	Benzo(a)pyrene			EPA 8270A		NA	10.0
77147	Benzyl alcohol			EPA 8270A		NA	20.0
34253	alpha-BHC			EPA 608	09/04/98	<0.010	0.010
34255	beta-BHC			EPA 608	09/04/98	<0.010	0.010
34259	delta-BHC			EPA 608	09/04/98	<0.010	0.010
39340	gamma-BHC			EPA 608	09/04/98	<0.010	0.010
34278	Bis(2-chloroethoxy)methane			EPA 8270A		NA	10.0
34273	Bis(2-chloroethyl)ether			EPA 8270A		NA	10.0
34283	Bis(2-chloroisopropyl)ether			EPA 8270A		NA	10.0
39100	Bis(2-ethylhexyl)phthalate			EPA 8270A		NA	10.0
34636	4-Bromophenyl phenyl ether			EPA 8270A		NA	10.0
51003	Butyl benzyl phthalate			EPA 8270A		NA	10.0
39350	Chlordane			EPA 608	09/04/98	<0.010	0.010
60037	p-Chloroaniline			EPA 8270A		NA	20.0
39460	Chlorobenzilate			EPA 8270A		NA	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		NA	20.0
34581	2-Chloronaphthalene			EPA 8270A		NA	10.0
34586	2-Chlorophenol			EPA 8270A		NA	10.0
34641	4-Chlorophenyl phenyl ether			EPA 8270A		NA	10.0
34320	Chrysene			EPA 8270A		NA	10.0
N/A	3-Methylphenol			EPA 8270A		NA	10.0
77152	2-Methylphenol			EPA 8270A		NA	10.0
N/A	4-Methylphenol			EPA 8270A		NA	10.0
39730	2,4-D			EPA 8150	09/08/98	<1.2	1.2
39360	4,4'-DDD			EPA 608	09/04/98	<0.010	0.010
39365	4,4'-DDE			EPA 608	09/04/98	<0.010	0.010
39370	4,4'-DDT			EPA 608	09/04/98	<0.010	0.010
N/A	Diallate			EPA 8270A		NA	10.0
51004	Dibenzo(a,h)anthracene			EPA 8270A		NA	10.0
81302	Dibenzofuran			EPA 8270A		NA	10.0
39110	Di-n-butyl phthalate			EPA 8270A		NA	10.0
34631	3,3'-Dichlorobenzidine			EPA 8270A		NA	20.0
34601	2,4-Dichlorophenol			EPA 8270A		NA	10.0
77541	2,6-Dichlorophenol			EPA 8270A		NA	10.0
39380	Dieldrin			EPA 608	09/04/98	<0.010	0.010
34336	Diethyl phthalate			EPA 8270A		NA	10.0
N/A	0,0-Diethyl 0,2-pyrazinyl phosphorothioate			EPA 8270A		NA	10.0
46314	Dimethoate			EPA 8270A		NA	10.0
N/A	p-(Dimethylamino)azobenzene			EPA 8270A		NA	10.0
N/A	7,12-Dimethylbenz(a)anthracene			EPA 8270A		NA	10.0
N/A	3,3'-Dimethylbenzidine			EPA 8270A		NA	20.0
34606	2,4-Dimethylphenol			EPA 8270A		NA	10.0
34341	Dimethyl phthalate			EPA 8270A		NA	10.0
N/A	m-Dinitrobenzene			EPA 8270A		NA	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		NA	50.0
34616	2,4-Dinitrophenol			EPA 8270A		NA	50.0
34611	2,4-Dinitrotoluene			EPA 8270A		NA	10.0
34626	2,6-Dinitrotoluene			EPA 8270A		NA	10.0
34596	Di-n-octyl phthalate			EPA 8270A		NA	10.0
77579	Diphenylamine			EPA 8270A		NA	10.0
81888	Disulfoton			EPA 8270A		NA	10.0
34361	Endosulfan I			EPA 608	09/04/98	<0.010	0.010
34356	Endosulfan II			EPA 608	09/04/98	<0.010	0.010
34351	Endosulfan sulfate			EPA 608	09/04/98	<0.010	0.010
39390	Endrin			EPA 608	09/04/98	<0.010	0.010
34366	Endrin aldehyde			EPA 608	09/04/98	<0.010	0.010
N/A	Ethyl methanesulfonate			EPA 8270A		NA	20.0
38462	Famphur			EPA 8270A		NA	20.0
34376	Fluoranthene			EPA 8270A		NA	10.0
34381	Fluorene			EPA 8270A		NA	10.0
39410	Heptachlor			EPA 608	09/04/98	<0.010	0.010
39420	Heptachlor epoxide			EPA 608	09/04/98	<0.010	0.010
39700	Hexachlorobenzene			EPA 8270A		NA	10.0
34391	Hexachlorobutadiene			EPA 8270A		NA	10.0
34386	Hexachlorocyclopentadiene			EPA 8270A		NA	10.0
34396	Hexachloroethane			EPA 8270A		NA	10.0
N/A	Hexachloropropene			EPA 8270A		NA	10.0
77033	Isobutyl alcohol			EPA 8260A		NA	5.00
39430	Isodrin			EPA 8270A		NA	20.0
34408	Isophorone			EPA 8270A		NA	10.0
N/A	Isosafrole			EPA 8270A		NA	10.0
81593	Methacrylonitrile			EPA 8260A		NA	20.0

Store Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date	* Analysis Results/ Units (µg/l)	Detection Limits/ Units (µg/l)
N/A	Methaprylene			EPA 8270A		NA	100
39480	Methoxychlor			EPA 608	09/04/98	<0.010	0.010
N/A	3-Methylcholanthrene			EPA 8270A		NA	10.0
81597	Methyl methacrylate			EPA 8260A		NA	10.0
N/A	Methyl methanesulfonate			EPA 8270A		NA	10.0
77416	2-Methylnaphthalene			EPA 8270A		NA	10.0
39600	Methyl parathion			EPA 8270A		NA	10.0
34696	Naphthalene			EPA 8270A		NA	10.0
N/A	1,4-Naphthoquinone			EPA 8270A		NA	10.0
N/A	1-Naphthylamine			EPA 8270A		NA	10.0
N/A	2-Naphthylamine			EPA 8270A		NA	10.0
N/A	2-Nitroaniline			EPA 8270A		NA	50.0
78300	3-Nitroaniline			EPA 8270A		NA	20.0
30342	4-Nitroaniline			EPA 8270A		NA	40.0
34447	Nitrobenzene			EPA 8270A		NA	10.0
34591	2-Nitrophenol			EPA 8270A		NA	10.0
34646	4-Nitrophenol			EPA 8270A		NA	50.0
N/A	n-Nitrosodi-n-butylamine			EPA 8270A		NA	10.0
78200	n-Nitrosodiethylamine			EPA 8270A		NA	20.0
34438	n-Nitrosodimethylamine			EPA 8270A		NA	10.0
34433	n-Nitrosodiphenylamine			EPA 8270A		NA	10.0
34428	n-Nitroso-n-dipropylamine			EPA 8270A		NA	10.0
N/A	n-Nitrosomethylethylamine			EPA 8270A		NA	10.0
N/A	n-Nitrosopiperidine			EPA 8270A		NA	10.0
78206	n-Nitrosopyrrolidine			EPA 8270A		NA	10.0
N/A	5-Nitro-o-toluidine			EPA 8270A		NA	10.0
39540	Parathion			EPA 8270A		NA	10.0
77793	Pentachlorobenzene			EPA 8270A		NA	10.0
81316	Pentachloronitrobenzene			EPA 8270A		NA	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		NA	10.0
N/A	Phenacetin			EPA 8270A		NA	10.0
34461	Phenanthrene			EPA 8270A		NA	10.0
32730	Phenol			EPA 8270A		NA	10.0
N/A	p-Phenylenediamine			EPA 8270A		NA	10.0
46313	Phorate			EPA 8270A		NA	10.0
39516	PCBs			EPA 8082	09/04/98	<0.1	0.1
39080	Pronamide			EPA 8270A		NA	10.0
77007	Propionitrile			EPA 8260A		NA	10.0
34469	Pyrene			EPA 8270A		NA	10.0
77545	Safrole			EPA 8270A		NA	10.0
39760	Silvex			EPA 8150	09/08/98	<0.17	0.17
81520	Chloroprene			EPA 8260A		NA	50.0
00746	Sulfide			EPA 376.2		NA	40.0
39740	2,4,5-T			EPA 8150	09/08/98	<0.25	0.25
77734	1,2,4,5-Tetrachlorobenzene			EPA 8270A		NA	10.0
N/A	2,3,4,6-Tetrachlorophenol			EPA 8270A		NA	10.0
77142	o-Toluidine			EPA 8270A		NA	10.0
39400	Toxaphene			EPA 608	09/04/98	<0.010	0.010
34551	1,2,4-Trichlorobenzene			EPA 8270A		NA	10.0
77687	2,4,5-Trichlorophenol			EPA 8270A		NA	10.0
34621	2,4,6-Trichlorophenol			EPA 8270A		NA	10.0
N/A	Triethyl phosphorothioate			EPA 8270A		NA	10.0
N/A	1,3,5-Trinitrobenzene			EPA 8270A		NA	10.0
77173	1,3-Dichloropropane			EPA 8260A		NA	5.00
77170	2,2-Dichloropropane			EPA 8260A		NA	5.00
77168	1,1-Dichloropropene			EPA 8260A		NA	5.00
34566	1,3-Dichlorobenzene			EPA 8260A		NA	5.00

PART III - ANALYTICAL RESULTS (Continued) 4MW15D[illegible]

2,4,5-T	ND	0.25
---------	----	------

Received: 08/25/98

Results by Sample

SAMPLE ID 4MW15DFRACTION 02ATEST CODE PCB WNAME PCB (WATER)Date & Time Collected 08/24/98 11:00:00Category WATER**PCB in WATER**

CAS NUM.	RESULT	LIMIT	UNITS	ANALYTE
12674-11-2	<u>ND</u>	<u>0.1</u>	ug/L	Aroclor 1016
11104-28-2	<u>ND</u>	<u>0.1</u>	ug/L	Aroclor 1221
11141-16-5	<u>ND</u>	<u>0.1</u>	ug/L	Aroclor 1232
53469-21-9	<u>ND</u>	<u>0.1</u>	ug/L	Aroclor 1242
12672-29-6	<u>ND</u>	<u>0.1</u>	ug/L	Aroclor 1248
11097-69-1	<u>ND</u>	<u>0.1</u>	ug/L	Aroclor 1254
11096-82-5	<u>ND</u>	<u>0.1</u>	ug/L	Aroclor 1260

Notes and Definitions for this Report:

EXTRACTED: 08/31/98
DATE RUN: 09/04/98
ANALYST: CK
INSTRUMENT: HP2
DIL. FACTOR: 1

ND = not detected at detection limit

Received: 08/25/98

Results by Sample

SAMPLE ID 4MW15DFRACTION 02ATEST CODE PEST WNAME PESTICIDES - WATERDate & Time Collected 08/24/98 11:00:00Category WATER**PESTICIDES in WATER**

RESULT LIMIT

a-BHC	ND	0.010
g-BHC (Lindane)	ND	0.010
b-BHC	ND	0.010
Heptachlor	ND	0.010
d-BHC	ND	0.010
Aldrin	ND	0.010
Heptachlor Epoxide	ND	0.010
Endosulfan I	ND	0.010
4,4'-DDE	ND	0.010
Dieldrin	ND	0.010
Endrin	ND	0.010
4,4'-DDD	ND	0.010
Endosulfan II	ND	0.010
4,4'-DDT	ND	0.010
Endrin Aldehyde	ND	0.010
Endosulfan Sulfate	ND	0.010
Chlordane	ND	0.010
Toxaphene	ND	0.010
Methoxychlor	ND	0.010

Notes and Definitions for this Report:

EXTRACTED: 08/31/98
DATE RUN: 09/04/98
ANALYST: CK
INSTRUMENT: HP2
DIL. FACTOR: 1
UNITS: ug/L

ND = not detected at detection limit

PART III - ANALYTICAL RESULTS

Facility GMS #: _____

Sampling Date/Time: 08/24/98 @ 10:15

Test Site ID #: _____

Report Period: _____
(Year/Quarter)

WELL NAME: 4MW16

Well Type: () Background

Classification of Ground Water: _____

() Intermediate

Ground Water Elevation (NGVD): _____

7712

() Compliance

OR9

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		NA	0.005
01002	Arsenic			EPA 200.7		NA	0.005
01007	Barium			EPA 200.7		NA	0.005
01012	Beryllium			EPA 200.7		NA	0.005
01027	Cadmium			EPA 200.7		NA	0.005
01034	Chromium			EPA 200.7		NA	0.005
01037	Cobalt			EPA 200.7		NA	0.005
01042	Copper			EPA 200.7		NA	0.005
01051	Lead			EPA 200.7		NA	0.005
01067	Nickel			EPA 200.7		NA	0.005
01147	Selenium			EPA 200.7		NA	0.005
01077	Silver			EPA 200.7		NA	0.005
01057	Thallium			EPA 200.7		NA	0.009
01085	Vanadium			EPA 200.7		NA	0.005
71900	Mercury			EPA 245.1		NA	0.0002
01102	Tin			EPA 200.7		NA	0.300
01092	Zinc			EPA 200.7		NA	0.005
00720	Cyanide			EPA 335.2		NA	0.010

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		NA	50.0
34215	Acrylonitrile			EPA 8260A		NA	10.0
34235	Benzene			EPA 8260A		NA	5.00
N/A	Bromochloromethane			EPA 8260A		NA	5.00
32101	Bromodichloromethane			EPA 8260A		NA	5.00
32104	Bromoform			EPA 8260A		NA	5.00
77041	Carbon disulfide			EPA 8260A		NA	5.00
32102	Carbon tetrachloride			EPA 8260A		NA	10.0
34301	Chlorobenzene			EPA 8260A		NA	5.00
34311	Chloroethane			EPA 8260A		NA	10.0
32106	Chloroform			EPA 8260A		NA	5.00
32105	Dibromochloromethane			EPA 8260A		NA	5.00
38761	1,2-Dibromo-3-chloropropane			EPA 504		NA	0.020
77651	1,2-Dibromoethane			EPA 504		NA	0.020
34537	o-Dichlorobenzene			EPA 8260A		NA	5.00
34571	p-Dichlorobenzene			EPA 8260A		NA	5.00
49263	trans-1,4-Dichloro-2-butene			EPA 8260A		NA	50.0
34496	1,1-Dichloroethane			EPA 8260A		NA	5.00
32103	1,2-Dichloroethane			EPA 8260A		NA	5.00
34502	1,1-Dichloroethene			EPA 8260A		NA	5.00
81686	cis-1,2-Dichloroethene			EPA 8260A		NA	5.00
34546	trans-1,2-Dichloroethene			EPA 8260A		NA	5.00
34541	1,2-Dichloropropane			EPA 8260A		NA	5.00
34704	cis-1,3-Dichloropropene			EPA 8260A		NA	5.00
34699	trans-1,3-Dichloropropene			EPA 8260A		NA	5.00
78113	Ethylbenzene			EPA 8260A		NA	5.00
77103	2-Hexanone			EPA 8260A		NA	10.0
34413	Methyl bromide			EPA 8260A		NA	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)
34418	Methyl chloride			EPA 8260A		NA	5.00
77596	Methylene bromide			EPA 8260A		NA	10.0
34423	Methylene chloride			EPA 8260A		NA	10.0
81595	Methyl ethyl ketone			EPA 8260A		NA	10.0
49262	Methyl iodide			EPA 8260A		NA	10.0
78133	4-Methyl-2-pentanone			EPA 8260A		NA	10.0
77128	Styrene			EPA 8260A		NA	5.00
77562	1,1,1,2-Tetrachloroethane			EPA 8260A		NA	5.00
34516	1,1,1,2,2-Tetrachloroethane			EPA 8260A		NA	5.00
34476	Tetrachloroethene			EPA 8260A		NA	5.00
78131	Toluene			EPA 8260A		NA	5.00
34506	1,1,1-Trichloroethane			EPA 8260A		NA	5.00
34511	1,1,2-Trichloroethane			EPA 8260A		NA	5.00
34485	Trichloroethene			EPA 8260A		NA	5.00
34488	Trichlorofluoromethane			EPA 8260A		NA	5.00
77443	1,2,3-Trichloropropane			EPA 8260A		NA	5.00
77057	Vinyl acetate			EPA 8260A		NA	5.00
39175	Vinyl chloride			EPA 8260A		NA	5.00
81551	Xylenes			EPA 8260A		NA	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		NA	10.0
34200	Acenaphthylene			EPA 8270A		NA	10.0
N/A	Acetonitrile			EPA 8260A		NA	5.00
81553	Acetophenone			EPA 8270A		NA	10.0
N/A	2-Acetylaminofluorene			EPA 8270A		NA	20.0
34210	Acrolein			EPA 8260A		NA	100
39330	Aldrin			EPA 608	09/04/98	<0.010	0.010
78109	Allyl chloride			EPA 8260A		NA	10.0
N/A	4-Aminobiphenyl			EPA 8270A		NA	20.0
34220	Anthracene			EPA 8270A		NA	10.0
34527	Benzo(a)anthracene			EPA 8270A		NA	10.0
34230	Benzo(b)fluoranthene			EPA 8270A		NA	10.0
34242	Benzo(k)fluoranthene			EPA 8270A		NA	10.0
34521	Benzo(ghi)perylene			EPA 8270A		NA	10.0
34247	Benzo(a)pyrene			EPA 8270A		NA	10.0
77147	Benzyl alcohol			EPA 8270A		NA	20.0
34253	alpha-BHC			EPA 608	09/04/98	<0.010	0.010
34255	beta-BHC			EPA 608	09/04/98	<0.010	0.010
34259	delta-BHC			EPA 608	09/04/98	<0.010	0.010
39340	gamma-BHC			EPA 608	09/04/98	<0.010	0.010
34278	Bis(2-chloroethoxy)methane			EPA 8270A		NA	10.0
34273	Bis(2-chloroethyl)ether			EPA 8270A		NA	10.0
34283	Bis(2-chloroisopropyl)ether			EPA 8270A		NA	10.0
39100	Bis(2-ethylhexyl)phthalate			EPA 8270A		NA	10.0
34636	4-Bromophenyl phenyl ether			EPA 8270A		NA	10.0
51003	Butyl benzyl phthalate			EPA 8270A		NA	10.0
39350	Chlordane			EPA 608	09/04/98	<0.010	0.010
60037	p-Chloroaniline			EPA 8270A		NA	20.0
39460	Chlorobenzilate			EPA 8270A		NA	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		NA	20.0
34581	2-Chloronaphthalene			EPA 8270A		NA	10.0
34586	2-Chlorophenol			EPA 8270A		NA	10.0
34641	4-Chlorophenyl phenyl ether			EPA 8270A		NA	10.0
34320	Chrysene			EPA 8270A		NA	10.0
N/A	3-Methylphenol			EPA 8270A		NA	10.0
77152	2-Methylphenol			EPA 8270A		NA	10.0
N/A	4-Methylphenol			EPA 8270A		NA	10.0
39730	2,4-D			EPA 8150	09/08/98	<1.2	1.2
39360	4,4'-DDD			EPA 608	09/04/98	<0.010	0.010
39365	4,4'-DDE			EPA 608	09/04/98	<0.010	0.010
39370	4,4'-DDT			EPA 608	09/04/98	<0.010	0.010
N/A	Diallate			EPA 8270A		NA	10.0
51004	Dibenzo(a,h)anthracene			EPA 8270A		NA	10.0
81302	Dibenzofuran			EPA 8270A		NA	10.0
39110	Di-n-butyl phthalate			EPA 8270A		NA	10.0
34631	3,3'-Dichlorobenzidine			EPA 8270A		NA	20.0
34601	2,4-Dichlorophenol			EPA 8270A		NA	10.0
77541	2,6-Dichlorophenol			EPA 8270A		NA	10.0
39380	Dieldrin			EPA 608	09/04/98	<0.010	0.010
34336	Diethyl phthalate			EPA 8270A		NA	10.0
N/A	0,0-Diethyl 0,2-pyrazinyl phosphorothioate			EPA 8270A		NA	10.0
46314	Dimethoate			EPA 8270A		NA	10.0
N/A	p-(Dimethylamino)azobenzene			EPA 8270A		NA	10.0
N/A	7,12-Dimethylbenz(a)anthracene			EPA 8270A		NA	10.0
N/A	3,3'-Dimethylbenzidine			EPA 8270A		NA	20.0
34606	2,4-Dimethylphenol			EPA 8270A		NA	10.0
34341	Dimethyl phthalate			EPA 8270A		NA	10.0
N/A	m-Dinitrobenzene			EPA 8270A		NA	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		NA	50.0
34616	2,4-Dinitrophenol			EPA 8270A		NA	50.0
34611	2,4-Dinitrotoluene			EPA 8270A		NA	10.0
34626	2,6-Dinitrotoluene			EPA 8270A		NA	10.0
34596	Di-n-octyl phthalate			EPA 8270A		NA	10.0
77579	Diphenylamine			EPA 8270A		NA	10.0
81888	Disulfoton			EPA 8270A		NA	10.0
34361	Endosulfan I			EPA 608	09/04/98	<0.010	0.010
34356	Endosulfan II			EPA 608	09/04/98	<0.010	0.010
34351	Endosulfan sulfate			EPA 608	09/04/98	<0.010	0.010
39390	Endrin			EPA 608	09/04/98	<0.010	0.010
34366	Endrin aldehyde			EPA 608	09/04/98	<0.010	0.010
N/A	Ethyl methanesulfonate			EPA 8270A		NA	20.0
38462	Famphur			EPA 8270A		NA	20.0
34376	Fluoranthene			EPA 8270A		NA	10.0
34381	Fluorene			EPA 8270A		NA	10.0
39410	Heptachlor			EPA 608	09/04/98	<0.010	0.010
39420	Heptachlor epoxide			EPA 608	09/04/98	<0.010	0.010
39700	Hexachlorobenzene			EPA 8270A		NA	10.0
34391	Hexachlorobutadiene			EPA 8270A		NA	10.0
34386	Hexachlorocyclopentadiene			EPA 8270A		NA	10.0
34396	Hexachloroethane			EPA 8270A		NA	10.0
N/A	Hexachloropropene			EPA 8270A		NA	10.0
77033	Isobutyl alcohol			EPA 8260A		NA	5.00
39430	Isodrin			EPA 8270A		NA	20.0
34408	Isophorone			EPA 8270A		NA	10.0
N/A	Isosafrole			EPA 8270A		NA	10.0
81593	Methacrylonitrile			EPA 8260A		NA	20.0

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	Methapyrilene			EPA 8270A		NA	100
39480	Methoxychlor			EPA 608	09/04/98	<0.010	0.010
N/A	3-Methylcholanthrene			EPA 8270A		NA	10.0
81597	Methyl methacrylate			EPA 8260A		NA	10.0
N/A	Methyl methanesulfonate			EPA 8270A		NA	10.0
77416	2-Methylnaphthalene			EPA 8270A		NA	10.0
39600	Methyl parathion			EPA 8270A		NA	10.0
34696	Naphthalene			EPA 8270A		NA	10.0
N/A	1,4-Naphthoquinone			EPA 8270A		NA	10.0
N/A	1-Naphthylamine			EPA 8270A		NA	10.0
N/A	2-Naphthylamine			EPA 8270A		NA	10.0
N/A	2-Nitroaniline			EPA 8270A		NA	50.0
78300	3-Nitroaniline			EPA 8270A		NA	20.0
30342	4-Nitroaniline			EPA 8270A		NA	40.0
34447	Nitrobenzene			EPA 8270A		NA	10.0
34591	2-Nitrophenol			EPA 8270A		NA	10.0
34646	4-Nitrophenol			EPA 8270A		NA	50.0
N/A	n-Nitrosodi-n-butylamine			EPA 8270A		NA	10.0
78200	n-Nitrosodiethylamine			EPA 8270A		NA	20.0
34438	n-Nitrosodimethylamine			EPA 8270A		NA	10.0
34433	n-Nitrosodiphenylamine			EPA 8270A		NA	10.0
34428	n-Nitroso-n-dipropylamine			EPA 8270A		NA	10.0
N/A	n-Nitrosomethylethylamine			EPA 8270A		NA	10.0
N/A	n-Nitrosopiperidine			EPA 8270A		NA	10.0
78206	n-Nitrosopyrrolidine			EPA 8270A		NA	10.0
N/A	5-Nitro-o-toluidine			EPA 8270A		NA	10.0
39540	Parathion			EPA 8270A		NA	10.0
77793	Pentachlorobenzene			EPA 8270A		NA	10.0
81316	Pentachloronitrobenzene			EPA 8270A		NA	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		NA	10.0
N/A	Phenacetin			EPA 8270A		NA	10.0
34461	Phenanthrene			EPA 8270A		NA	10.0
32730	Phenol			EPA 8270A		NA	10.0
N/A	p-Phenylenediamine			EPA 8270A		NA	10.0
46313	Phorate			EPA 8270A		NA	10.0
39516	PCBs			EPA 8082	09/04/98	<0.1	0.1
39080	Pronamide			EPA 8270A		NA	10.0
77007	Propionitrile			EPA 8260A		NA	10.0
34469	Pyrene			EPA 8270A		NA	10.0
77545	Safrole			EPA 8270A		NA	10.0
39760	Silvex			EPA 8150	09/08/98	<0.17	0.17
81520	Chloroprene			EPA 8260A		NA	50.0
00746	Sulfide			EPA 376.2		NA	40.0
39740	2,4,5-T			EPA 8150	09/08/98	<0.25	0.25
77734	1,2,4,5-Tetrachlorobenzene			EPA 8270A		NA	10.0
N/A	2,3,4,6-Tetrachlorophenol			EPA 8270A		NA	10.0
77142	o-Toluidine			EPA 8270A		NA	10.0
39400	Toxaphene			EPA 608	09/04/98	<0.010	0.010
34551	1,2,4-Trichlorobenzene			EPA 8270A		NA	10.0
77687	2,4,5-Trichlorophenol			EPA 8270A		NA	10.0
34621	2,4,6-Trichlorophenol			EPA 8270A		NA	10.0
N/A	Triethyl phosphorothioate			EPA 8270A		NA	10.0
N/A	1,3,5-Trinitrobenzene			EPA 8270A		NA	10.0
77173	1,3-Dichloropropane			EPA 8260A		NA	5.00
77170	2,2-Dichloropropane			EPA 8260A		NA	5.00
77168	1,1-Dichloropropene			EPA 8260A		NA	5.00
34566	1,3-Dichlorobenzene			EPA 8260A		NA	5.00

PART III - ANALYTICAL RESULTS (Continued) 4MW16[illegible]

Received: 08/25/98

Results by Sample

SAMPLE ID 4MW16FRACTION 01ATEST CODE 8150WNAME CHLORINATED HERBICIDESDate & Time Collected 08/24/98 10:15:00Category WATER**CHLORINATED HERBICIDES**

	RESULT	LIMIT
2,4-D	ND	1.2
Silvex (2,4,5-TP)	ND	0.17

Notes and Definitions for this Report:

EXTRACTED: 08/31/98DATE RUN: 09/08/98ANALYST: CKINSTRUMENT: HP3CONC FACTOR: 1

UNITS = ug/L

ND = not detected at detection limit

	RESULT	LIMIT
2,4,5-T	ND	0.25

Received: 08/25/98

Test Methodology

TEST CODE 8150W NAME CHLORINATED HERBICIDES

EPA METHOD: 8150. Chlorinated Herbicides.

REFERENCE: Federal Register, 40 CFR Parts 264 and 270, Vol. 52, No. 131
July 9, 1987.

TEST CODE PCB W NAME PCB (WATER)

EPA METHOD: 8082

Reference: Methods for Evaluating Solid Waste: Physical/Chemical
Methods. EPA SW-846 FINAL UPDATE 111, 1996.
Office of Solid Waste, USEPA.

TEST CODE PEST W NAME PESTICIDES - WATER

EPA METHOD: 608 for water sample

Reference: Methods for Organic Chemical Analysis of Municipal and Industrial
Wastewater. Appendix A. 40 CFR Part 136. Federal Register Vol. 49,
No. 209, 1984.

Received: 08/25/98

Results by Sample

SAMPLE ID 4MW16FRACTION 01A TEST CODE PCB W NAME PCB (WATER)Date & Time Collected 08/24/98 10:15:00 Category WATER**PCB in WATER**

CAS NUM.	RESULT	LIMIT	UNITS	ANALYTE
12674-11-2	<u>ND</u>	<u>0.1</u>	ug/L	Aroclor 1016
11104-28-2	<u>ND</u>	<u>0.1</u>	ug/L	Aroclor 1221
11141-16-5	<u>ND</u>	<u>0.1</u>	ug/L	Aroclor 1232
53469-21-9	<u>ND</u>	<u>0.1</u>	ug/L	Aroclor 1242
12672-29-6	<u>ND</u>	<u>0.1</u>	ug/L	Aroclor 1248
11097-69-1	<u>ND</u>	<u>0.1</u>	ug/L	Aroclor 1254
11096-82-5	<u>ND</u>	<u>0.1</u>	ug/L	Aroclor 1260

Notes and Definitions for this Report:

EXTRACTED: 08/31/98
DATE RUN: 09/04/98
ANALYST: CK
INSTRUMENT: HP2
DIL. FACTOR: 1

ND = not detected at detection limit

Received: 08/25/98

Results by Sample

SAMPLE ID 4MW16FRACTION 01A TEST CODE PEST W NAME PESTICIDES - WATERDate & Time Collected 08/24/98 10:15:00Category WATER**PESTICIDES in WATER**

RESULT LIMIT

a-BHC	<u>ND</u>	<u>0.010</u>
g-BHC (Lindane)	<u>ND</u>	<u>0.010</u>
b-BHC	<u>ND</u>	<u>0.010</u>
Heptachlor	<u>ND</u>	<u>0.010</u>
d-BHC	<u>ND</u>	<u>0.010</u>
Aldrin	<u>ND</u>	<u>0.010</u>
Heptachlor Epoxide	<u>ND</u>	<u>0.010</u>
Endosulfan I	<u>ND</u>	<u>0.010</u>
4,4'-DDE	<u>ND</u>	<u>0.010</u>
Dieldrin	<u>ND</u>	<u>0.010</u>
Endrin	<u>ND</u>	<u>0.010</u>
4,4'-DDD	<u>ND</u>	<u>0.010</u>
Endosulfan II	<u>ND</u>	<u>0.010</u>
4,4'-DDT	<u>ND</u>	<u>0.010</u>
Endrin Aldehyde	<u>ND</u>	<u>0.010</u>
Endosulfan Sulfate	<u>ND</u>	<u>0.010</u>
Chlordane	<u>ND</u>	<u>0.010</u>
Toxaphene	<u>ND</u>	<u>0.010</u>
Methoxychlor	<u>ND</u>	<u>0.010</u>

Notes and Definitions for this Report:

EXTRACTED: 08/31/98
DATE RUN: 09/04/98
ANALYST: CK
INSTRUMENT: HP2
DIL. FACTOR: 1
UNITS: ug/L

ND = not detected at detection limit

TOXIKON

GC PEST/PCB ANALYSIS SURROGATE RECOVERIES

PROJECT # : 9808504

MATRIX : WATER

SAMPLE ID	2,4,5,6-Tetrachloro-M-Xylene	Decachlorobiphenyl
METHOD BLANK	45	76
LCS	54	100
LCSD	42	93
9808504.1	68	70
9808504.2	61	63
9808504.3	74	73
9808504.4	69	40
9808504.5	70	82
9808504.6	65	54

D - Indicates Diluted Out

INT - Indicates Interference

Received: 08/25/98

Test Methodology

TEST CODE 8150W NAME CHLORINATED HERBICIDES

EPA METHOD: 8150. Chlorinated Herbicides.

REFERENCE: Federal Register, 40 CFR Parts 264 and 270, Vol. 52, No. 131
July 9, 1987.

TEST CODE PCB W NAME PCB (WATER)

EPA METHOD: 8082

Reference: Methods for Evaluating Solid Waste: Physical/Chemical
Methods. EPA SW-846 FINAL UPDATE 111, 1996.
Office of Solid Waste, USEPA.

TEST CODE PEST W NAME PESTICIDES - WATER

EPA METHOD: 608 for water sample

Reference: Methods for Organic Chemical Analysis of Municipal and Industrial
Wastewater. Appendix A. 40 CFR Part 136. Federal Register Vol. 49,
No. 209, 1984.

TOXIKON

GC PEST/PCB ANALYSIS SURROGATE RECOVERIES

PROJECT # : 9808504

MATRIX : WATER

SAMPLE ID	2,4,5,6-Tetrachloro-M-Xylene	Decachlorobiphenyl
METHOD BLANK	45	76
LCS	54	100
LCSD	42	93
9808504.1	68	70
9808504.2	61	63
9808504.3	74	73
9808504.4	69	40
9808504.5	70	82
9808504.6	65	54

D - Indicates Diluted Out

INT - Indicates Interference

TOXIKON

GC HERBICIDES ANALYSIS MS/MSD RECOVERIES (METHOD 8150/509)

PROJECT : 9808504

MATRIX : WATER

LAB CONTROL SPIKE

DILUTION : 1X

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONC. (ug/L)	LCS CONC. (ug/L)	LCS % RECOVERY
2,4-D	1.0	0	0.65	65
2,4,5-TP (SILVEX)	1.0	0	0.69	59
2,4,5-T	1.0	0.00	0.97	98

LAB CONTROL SPIKE DUPLICATE

					QC LIMITS	
COMPOUND	SPIKE ADDED (ug/L)	LCSD CONC. (ug/L)	LCSD % RECOVERY	% RPD	%RPD	RECOVERY
2,4-D	1.0	0.64	64	1	<15	50 - 150
2,4,5-TP (SILVEX)	1.0	0.68	67	3	<15	50 - 150
2,4,5-T	1.0	0.95	95	1	<15	50 - 150

D - Indicates Diluted Out

INT - Indicates Interference