US EPA RECORDS CENTER REGION 5
487640

N
ND

Firestone Steel 2000 Survey data
Draft

Date	Station ID	Water Depth ft	Water Depth in	Lat - N	Lon -W	Core length in
5-31	FS03	9	11	10.7428	9.5913	80
	FS02	16	4	10.7657	9.5634	44
	FS04	26	2	10.7108	9.6023	32
	FS05	17	5	10.6744	9.6474	no core
	FS05-reposition	12	0	10.6755	9.6511	hard
	FS05-repostion	22	0	10.6653	9.6496	24
	sheet steel wall					gravel
	00RV12	12	0	10.4671	9.8118	60.5
	00RV11	8	3	10.4968	9.7891	113
	00FS01	3	1	10.7772	9.5634	105
	00RV07	18	10	10.5734	9.7074	Rock-no core
	00RV08	4	5	10.5609	9.733	104
6-1	00MC18	6	3	10.2667	9.9124	108
	00MC17	3	5	10.2993	9.9013	111
	00MC16	16	3	10.3192	9.8842	101
	00MC15	23	0	10.358	9.8741	44
	00MC14	9	0	10.4193	9.8491	53
	00MC13	6	4	10.4308	9.8714	40

DEQ

MICHIGAN DEPT. OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL LABORATORY
ANALYSIS REQUEST SHEET

LAB ORDER # 00-06-028

MATRIX=SEDIMENT/SOIL/SOLIDS

SUBMITTER DIVISION	DISTRICT OR OFFICE	MDEQ PROJECT MANAGER & PHONE	ACCEPT HT CODES? YES/NO
SWQ	Gleas	M. Oemke 5-4206	

LOCATION SAMPLED / SITE ID NUMBER: Trenton - Det. River

INDEX | PCA | PROJECT | PH

COLLECTED BY: M. Oemke

PHONE: ( ) 5-4206

ADDITIONAL REPORT TO ATTENTION OF

AT (ADDRESS) (If different than above office)

OVERFLOW CONTRACT LAB (Required for ERD)

****** SAFETY INFORMATION REQUIRED ******
SEE BACK OF FORM

LAB USE ONLY	SAMPLE IDENTIFICATION	SAMPLE COLLECTED DATE	TIME	COMMENTS
1	FS01-00-30	5/30		Surface - 30cm
2	30 - 90	"		30 - 90 cm
3	30 - 90 Dup.	"		" "
4	90 - 150	"		90 - 150 cm
5	150 - B	"		150 - Bottom Core
6	FS02 - 00 - 30	"		Surface - 30 cm
7	- 30 - 90	"		30 - 90 cm
8	90 - B	"		90 - Bottom
9	FS03 - 00 - 30	"		Surface - 30 cm
10	FS03 - 30 - 90	5/30		30 - 90 cm

ORGANIC

VOA VOLATILES (MeOH/8260)

Full List	1 2 3 4 5 6 7 8 9 10
BTEX/MTBE only	1 2 3 4 5 6 7 8 9 10

OS PESTICIDES/PCBS (8081/8082)

Pesticides & PCBs	1 2 3 4 5 6 7 8 9 10
Pesticides only	1 2 3 4 5 6 7 8 9 10
PCBs only	1 2 3 4 5 6 7 8 9 10

BNA BASE NEUTRAL & ACIDS (8270)

BNAs	1 2 3 4 5 6 7 8 9 10
PNAs only	1 2 3 4 5 6 7 8 9 10
BNs only	1 2 3 4 5 6 7 8 9 10

SPECIAL REQUESTS

Library Search (Qualitative)

Volatiles	1 2 3 4 5 6 7 8 9 10
Semivolatiles	1 2 3 4 5 6 7 8 9 10

Other

_____	1 2 3 4 5 6 7 8 9 10

GENERAL CHEMISTRY

GS

COD	1 2 3 4 5 6 7 8 9 10
KJEL N, Tot P	1 2 3 4 5 6 7 8 9 10
Phenolics	1 2 3 4 5 6 7 8 9 10
Total CN	1 2 3 4 5 6 7 8 9 10
_____	1 2 3 4 5 6 7 8 9 10
_____	1 2 3 4 5 6 7 8 9 10
_____	1 2 3 4 5 6 7 8 9 10

INORGANIC

MS

MICH TEN METALS (As, Ba, Cd, Cr, Cu, Pb, Hg, Se, Ag, Zn)	1 2 3 4 5 6 7 8 9 10
Fe Co Li Mn	1 2 3 4 5 6 7 8 9 10
Al Be Mo Ti V	1 2 3 4 5 6 7 8 9 10
Sr - Strontium	1 2 3 4 5 6 7 8 9 10
Ni - Nickel	1 2 3 4 5 6 7 8 9 10
Tl - Thallium	1 2 3 4 5 6 7 8 9 10
Ca Mg Na K	1 2 3 4 5 6 7 8 9 10
% Total Solids	1 2 3 4 5 6 7 8 9 10
_____	1 2 3 4 5 6 7 8 9 10
_____	1 2 3 4 5 6 7 8 9 10
_____	1 2 3 4 5 6 7 8 9 10

Chain-of-Custody	BOTTLE / TESTS	RELEASED BY / AFFILIATION	RECEIVED BY / AFFILIATION	DATE & TIME
		1) Marc P Oemke DEQ	O Harting	6-2-00
		2)		

2

DEQ

MICHIGAN DEPT. OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL LABORATORY
ANALYSIS REQUEST SHEET

LAB ORDER # 00-06-028

MATRIX=SEDIMENT/SOIL/SOLIDS

SUBMITTER DIVISION	DISTRICT OR OFFICE	MDEQ PROJECT MANAGER & PHONE	ACCEPT HT CODES? YES / NO
SWQ	Gleas	M. Oemke 5-4206	

LOCATION SAMPLED / SITE ID NUMBER: Trenton - Det River

INDEX | PCA | PROJECT | PH

COLLECTED BY: M. Oemke

PHONE: ( ) 5-4206

ADDITIONAL REPORT TO ATTENTION OF

AT (ADDRESS) (If different than above office)

OVERFLOW CONTRACT LAB (Required for ERD)

****** SAFETY INFORMATION REQUIRED ******
SEE BACK OF FORM

LAB USE ONLY	SAMPLE IDENTIFICATION	SAMPLE COLLECTED DATE	TIME	COMMENTS
1	FS03 -90-150	5/30		90-150 cm
2	-150- B	"		150 - Bottom
3	FS04 -00-30	"		Surface - 30 cm
4	-30- B	"		30 cm - Bottom
5	FS05 -00-30	"		Surface - 30 cm
6	-00-30 Dup	"		DUP
7	FS05 -30- B	5/30		30 cm - Bottom
8				
9				
10				

ORGANIC

VOA VOLATILES (MeOH/8260)

Full List	1 2 3 4 5 6 7 8 9 10
BTEX/MTBE only	1 2 3 4 5 6 7 8 9 10

OS PESTICIDES/PCBS (8081/8082)

Pesticides & PCBs	1 2 3 4 5 6 7 8 9 10
Pesticides only	1 2 3 4 5 6 7 8 9 10
PCBs only	1 2 3 4 5 6 7 8 9 10

BNA BASE NEUTRAL & ACIDS (8270)

BNAs	1 2 3 4 5 6 7 8 9 10
PNAs only	1 2 3 4 5 6 7 8 9 10
BNs only	1 2 3 4 5 6 7 8 9 10

SPECIAL REQUESTS

Library Search (Qualitative)

Volatiles	1 2 3 4 5 6 7 8 9 10
Semivolatiles	1 2 3 4 5 6 7 8 9 10
Other _____	1 2 3 4 5 6 7 8 9 10

GENERAL CHEMISTRY

GS

COD	1 2 3 4 5 6 7 8 9 10
KJEL N, Tot. P	1 2 3 4 5 6 7 8 9 10
Phenolics	1 2 3 4 5 6 7 8 9 10
Total CN	1 2 3 4 5 6 7 8 9 10
_____	1 2 3 4 5 6 7 8 9 10
_____	1 2 3 4 5 6 7 8 9 10
_____	1 2 3 4 5 6 7 8 9 10

INORGANIC

MS

MICH TEN METALS (As, Ba, Cd, Cr, Cu, Pb, Hg, Se, Ag, Zn)	1 2 3 4 5 6 7 8 9 10
Fe Co Li Mn	1 2 3 4 5 6 7 8 9 10
Al Be Mo Ti V	1 2 3 4 5 6 7 8 9 10
Sr - Strontium	1 2 3 4 5 6 7 8 9 10
Ni - Nickel	1 2 3 4 5 6 7 8 9 10
Tl - Thallium	1 2 3 4 5 6 7 8 9 10
Ca Mg Na K	1 2 3 4 5 6 7 8 9 10
% Total Solids	1 2 3 4 5 6 7 8 9 10
_____	1 2 3 4 5 6 7 8 9 10
_____	1 2 3 4 5 6 7 8 9 10
_____	1 2 3 4 5 6 7 8 9 10

Chain-of-Custody	BOTTLE / TESTS	RELEASED BY / AFFILIATION	RECEIVED BY / AFFILIATION	DATE & TIME
		1) Mark P Oemke DEQ	D Harley	6-2-00
		2)		

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY	PROCEDURE LABORATORY SERVICES SECTION	NO: PD-13/Ver. 2 DATE REV.:12/99

SUBJECT: Laboratory Result Remark Codes

EFFECTIVE DATE: December1999

A	value reported is the mean of two or more determinations.
C	value calculated from other independent parameters.
J	estimated value or value not accurate.
K	actual value is known to be less than the value given, i.e., substance, if present, is below detection limit.
L	actual value is known to be greater than the value given.
T	value reported is less than criteria of detection.
W	value observed is less than lowest value reportable under "T" code.
DL	sample analyzed using a dilution(s).
DM	dilution required due to matrix problems.
HT	recommended laboratory holding time was exceeded before analysis.
LH	QC indicated possible low recovery. Actual level may be higher.
LL	QC indicated possible high recovery. Actual level may be lower.
MM	analytical method or matrix is not within SOP of this laboratory.
NC	no confirmation by a second technique.
NH	non-homogeneous sample made analysis of a representative sample questionable.
PI	possible interference may have affected the accuracy of the laboratory result.
QC	quality control problems exist.
RB	reagent blank. The level of reagent blank contamination is reported in the comment column and may be subtracted from the analyte value by the user.
ST	recommended sample collection/preservation technique not used.
ACC	laboratory accident resulted in no obtainable value.
FCN	free cyanide was not analyzed due to low level of total cyanide.
INT	interference encountered during analysis resulted in no obtainable value.
IST	improper sample collection/preservation. Sample not suitable for analysis.
NAV	requested analysis not available.
QNS	quantity not sufficient to perform requested analysis.
STR	settleable residue was not analyzed due to low suspended solids.

Approved by:

Bob Avery 11/30/99

Bob Avery, Laboratory Director Date

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL LABORATORY (517) 335-9800

P.O. Box 30270
Lansing, MI 48909

Report To: Surface Water Quality Div.
Knapps Building
Lansing, MI 48909

Attn: M.OEMKE
Total: $13,945.95

Lab Work Order # 0006028
Work Site ID: TRENTON-DET.RIVER
Matrix: Sediment\Soil
Received: 6/2/2000 **Reported:** 7/20/2000
Client: SW_GLEAS **Number of Samples:** 17

TEST / UNITS	FS01-00-30	FS01-30-90	FS01-30-90DUP	FS01-90-150
Arsenic in Sediment mg/kg (dry)	13	14	14	14
Barium in Sediment mg/kg (dry)	228	178	179	138
Cadmium in Sediment mg/kg (dry)	17	9	9	7
Chromium in Sediment mg/kg (dry)	270	183	180	159
Copper in Sediment mg/kg (dry)	214	250	245	185
Lead in Sediment mg/kg (dry)	310	280	270	180
Mercury in Sediment mg/kg (dry)	8.8	16	15	9.6
Selenium in Sediment mg/kg (dry)	0.9	1.0	1.1	0.8
Silver in Sediment mg/kg (dry)	4.3	3.9	3.9	3.5
Solids - Total - Inorganic %TS	53.5	50.7	50.2	49.0
Zinc in Sediment mg/kg (dry)	876	690	668	570

TEST / UNITS	FS01-150-B	FS02-00-30	FS02-30-90	FS02-90-B
Arsenic in Sediment mg/kg (dry)	10	8.9	13	13
Barium in Sediment mg/kg (dry)	450	680	107	85
Cadmium in Sediment mg/kg (dry)	7	4	K 2	K 2
Chromium in Sediment mg/kg (dry)	70	35	24	20
Copper in Sediment mg/kg (dry)	160	180	210	148

RECEIVED
SWQD - GLEAS
JUL 31 2000

TEST UNITS	FS01-150-B	FS02-00-30	FS02-30-90	FS02-90-B
Lead in Sediment mg/kg (dry)	175	150	199	139
Mercury in Sediment mg/kg (dry)	1.9	1.9	2.4	1.5
Selenium in Sediment mg/kg (dry)	K 0.5	K 0.5	0.6	0.6
Silver in Sediment mg/kg (dry)	1.9	1.3	1.7	1.0
Solids - Total - Inorganic %TS	54.4	59.2	59.0	57.9
Zinc in Sediment mg/kg (dry)	550	439	536	360

TEST UNITS	FS03-00-30	FS03-30-90	FS03-90-150	FS03-150-B
Arsenic in Sediment mg/kg (dry)	13	13	10	9.1
Barium in Sediment mg/kg (dry)	160	164	719	124
Cadmium in Sediment mg/kg (dry)	8	8	11	K 2
Chromium in Sediment mg/kg (dry)	177	184	85	23
Copper in Sediment mg/kg (dry)	250	259	169	226
Lead in Sediment mg/kg (dry)	187	220	160	196
Mercury in Sediment mg/kg (dry)	13	13	2.4	2.2
Selenium in Sediment mg/kg (dry)	1.0	0.9	0.6	0.5
Silver in Sediment mg/kg (dry)	3.4	3.4	2.0	1.8
Solids - Total - Inorganic %TS	44.3	51.7	55.1	57.4
Zinc in Sediment mg/kg (dry)	600	546	488	530

TEST UNITS	FS04-00-30	FS04-30-B	FS05-00-30	FS05-00-30DUP
Arsenic in Sediment mg/kg (dry)	12	11	6.8	6.4

TEST UNITS	FS04-00-30	FS04-30-B	FS05-00-30	FS05-00-30DUP
Barium in Sediment mg/kg (dry)	117	50	56	58
Cadmium in Sediment mg/kg (dry)	K 2	K 2	K 2	K 2
Chromium in Sediment mg/kg (dry)	30	14	17	17
Copper in Sediment mg/kg (dry)	265	70	23	25
Lead in Sediment mg/kg (dry)	226	60	12	14
Mercury in Sediment mg/kg (dry)	2.5	1.3	.06	K .05
Selenium in Sediment mg/kg (dry)	0.6	K 0.5	K 0.5	K 0.5
Silver in Sediment mg/kg (dry)	2.3	0.6	K 0.25	K 0.25
Solids - Total - Inorganic %TS	54.0	78.8	81.8	82.3
Zinc in Sediment mg/kg (dry)	590	170	65	56

TEST UNITS	FS05-30-B			
Arsenic in Sediment mg/kg (dry)	6.6			
Barium in Sediment mg/kg (dry)	67			
Cadmium in Sediment mg/kg (dry)	K 2			
Chromium in Sediment mg/kg (dry)	15			
Copper in Sediment mg/kg (dry)	20			
Lead in Sediment mg/kg (dry)	13			
Mercury in Sediment mg/kg (dry)	K .05			
Selenium in Sediment mg/kg (dry)	K 0.5			
Silver in Sediment mg/kg (dry)	K 0.25			

TEST UNITS	FS05-30-B			
Solids - Total - Inorganic %TS	82.7			
Zinc in Sediment mg/kg (dry)	60			

Many samples have low levels of DDD.

This is an original report: R. Brenier Date: 7/24/00

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-01OS

Date Collected:	5/30/2000	Test Code:	SBNA
Date Extracted:	6/7/2000 by tm-1182	Test Name:	BNA - Sediment
Date Analyzed:	6/13/2000 by GRINWISS	Sample ID:	FS01-00-30
Total Solids:	54%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		6100	10
108-95-2	Phenol	ND		6100	10
111-44-4	Bis(2-chloroethyl)ether	ND		1900	10
95-57-8	2-Chlorophenol	ND		6100	10
541-73-1	1,3-Dichlorobenzene	ND		1900	10
106-46-7	1,4-Dichlorobenzene	ND		1900	10
95-50-1	1,2-Dichlorobenzene	ND		1900	10
95-48-7	2-Methylphenol (o-cresol)	ND		6100	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		1900	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		12000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		3700	10
67-72-1	Hexachloroethane	ND		1900	10
98-95-3	Nitrobenzene	ND		3700	10
78-59-1	Isophorone	ND		1900	10
88-75-5	2-Nitrophenol	ND		6100	10
105-67-9	2,4-Dimethylphenol	ND		6100	10
111-91-1	Bis(2-chloroethoxy)methane	ND		3700	10
120-83-2	2,4-Dichlorophenol	ND		6100	10
120-82-1	1,2,4-Trichlorobenzene	ND		3700	10
91-20-3	Naphthalene	530	T	1900	10
87-68-3	Hexachlorobutadiene	ND		3700	10
59-50-7	4-Chloro-3-methylphenol	ND		6100	10
91-57-6	2-Methylnaphthalene	710	T	4600	10
77-47-4	Hexachlorocyclopentadiene	ND		37000	10
88-06-2	2,4,6-Trichlorophenol	ND		6100	10
95-95-4	2,4,5-Trichlorophenol	ND		6100	10
91-58-7	2-Chloronaphthalene	960	T	3700	10
88-74-4	2-Nitroaniline	ND		31000	10
208-96-8	Acenaphthylene	ND		1900	10
131-11-3	Dimethyl phthalate	ND		3700	10
606-20-2	2,6-Dinitrotoluene	ND		6100	10
99-09-2	3-Nitroaniline	ND		31000	10
83-32-9	Acenaphthene	ND		1900	10
51-28-5	2,4-Dinitrophenol	ND		31000	10
132-64-9	Dibenzofuran	ND		6100	10
100-02-7	4-Nitrophenol	ND		31000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		6100	10
86-73-7	Fluorene	ND		1900	10
84-66-2	Diethyl phthalate	ND		1900	10
100-01-6	4-Nitroaniline	ND		31000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		31000	10
7005-72-3	4-Chlorophenyl phenylether	ND		1900	10
156-10-5	N-Nitrosodiphenylamine	ND		3700	10
103-33-3	Azobenzene	ND		3700	10
101-55-3	4-Bromophenyl phenylether	ND		3700	10
118-74-1	Hexachlorobenzene	ND		3700	10
87-86-5	Pentachlorophenol	ND		63000	10
85-01-8	Phenanthrene	1700	T	1900	10
120-12-7	Anthracene	ND		1900	10
86-74-8	Carbazole	ND		6100	10
84-74-2	Di-n-butyl phthalate	ND		1900	10
206-44-0	Fluoranthene	2000		1900	10
129-00-0	Pyrene	1500	T	1900	10
85-68-7	Butyl benzyl phthalate	ND		1900	10
56-55-3	Benz(a)anthracene	620	T	1900	10
218-01-9	Chrysene	820	T	1900	10
117-81-7	Bis(2-ethylhexyl)phthalate	4700		3700	10
117-84-0	Di-n-octyl phthalate	ND		3700	10
205-99-2	Benzo(b)fluoranthene	ND		3700	10
207-08-9	Benzo(k)fluoranthene	ND		3700	10
50-32-8	Benzo(a)pyrene	ND		3700	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		3700	10
53-70-3	Dibenz(a,h)anthracene	ND		3700	10
191-24-2	Benzo(g,h,i)perylene	ND		3700	10

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

Reporting limits elevated due to matrix interference.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-01OS

Date Collected:	5/30/2000	Test Code:	SPCB
Date Extracted:	6/6/2000 by tm-1181	Test Name:	PCB - Sediment
Date Analyzed:	6/9/2000 by TAITS	Sample ID:	FS01-00-30
Total Solids:	54%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		190	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		190	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		190	1.0
53469-21-9	Aroclor 1242 (PCB)	2500		190	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		190	1.0
11097-69-1	Aroclor 1254 (PCB)	5100		190	1.0
11096-82-5	Aroclor 1260 (PCB)	3200		190	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		190	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		190	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-02OS

Date Collected:	5/30/2000	Test Code:	SBNA
Date Extracted:	6/7/2000 by tm-1182	Test Name:	BNA - Sediment
Date Analyzed:	6/13/2000 by GRINWISS	Sample ID:	FS01-30-90
Total Solids:	50%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		6600	10
108-95-2	Phenol	ND		6600	10
111-44-4	Bis(2-chloroethyl)ether	ND		2000	10
95-57-8	2-Chlorophenol	ND		6600	10
541-73-1	1,3-Dichlorobenzene	ND		2000	10
106-46-7	1,4-Dichlorobenzene	ND		2000	10
95-50-1	1,2-Dichlorobenzene	ND		2000	10
95-48-7	2-Methylphenol (o-cresol)	ND		6600	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		2000	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		13000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		4000	10
67-72-1	Hexachloroethane	ND		2000	10
98-95-3	Nitrobenzene	ND		4000	10
78-59-1	Isophorone	ND		2000	10
88-75-5	2-Nitrophenol	ND		6600	10
105-67-9	2,4-Dimethylphenol	ND		6600	10
111-91-1	Bis(2-chloroethoxy)methane	ND		4000	10
120-83-2	2,4-Dichlorophenol	ND		6600	10
120-82-1	1,2,4-Trichlorobenzene	ND		4000	10
91-20-3	Naphthalene	1600	T	2000	10
87-68-3	Hexachlorobutadiene	ND		4000	10
59-50-7	4-Chloro-3-methylphenol	ND		6600	10
91-57-6	2-Methylnaphthalene	900	T	5000	10
77-47-4	Hexachlorocyclopentadiene	ND		40000	10
88-06-2	2,4,6-Trichlorophenol	ND		6600	10
95-95-4	2,4,5-Trichlorophenol	ND		6600	10
91-58-7	2-Chloronaphthalene	1700	T	4000	10
88-74-4	2-Nitroaniline	ND		34000	10
208-96-8	Acenaphthylene	ND		2000	10
131-11-3	Dimethyl phthalate	ND		4000	10
606-20-2	2,6-Dinitrotoluene	ND		6600	10
99-09-2	3-Nitroaniline	ND		34000	10
83-32-9	Acenaphthene	ND		2000	10
51-28-5	2,4-Dinitrophenol	ND		34000	10
132-64-9	Dibenzofuran	ND		6600	10
100-02-7	4-Nitrophenol	ND		34000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		6600	10
86-73-7	Fluorene	ND		2000	10
84-66-2	Diethyl phthalate	ND		2000	10
100-01-6	4-Nitroaniline	ND		34000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		34000	10
7005-72-3	4-Chlorophenyl phenylether	ND		2000	10
156-10-5	N-Nitrosodiphenylamine	ND		4000	10
103-33-3	Azobenzene	ND		4000	10
101-55-3	4-Bromophenyl phenylether	ND		4000	10
118-74-1	Hexachlorobenzene	ND		4000	10
87-86-5	Pentachlorophenol	ND		68000	10
85-01-8	Phenanthrene	2500		2000	10
120-12-7	Anthracene	ND		2000	10
86-74-8	Carbazole	ND		6600	10
84-74-2	Di-n-butyl phthalate	ND		2000	10
206-44-0	Fluoranthene	3200		2000	10
129-00-0	Pyrene	ND		2000	10
85-68-7	Butyl benzyl phthalate	ND		2000	10
56-55-3	Benz(a)anthracene	1000	T	2000	10
218-01-9	Chrysene	1400	T	2000	10
117-81-7	Bis(2-ethylhexyl)phthalate	ND		4000	10
117-84-0	Di-n-octyl phthalate	ND		4000	10
205-99-2	Benzo(b)fluoranthene	ND		4000	10
207-08-9	Benzo(k)fluoranthene	ND		4000	10
50-32-8	Benzo(a)pyrene	ND		4000	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		4000	10
53-70-3	Dibenz(a,h)anthracene	ND		4000	10
191-24-2	Benzo(g,h,i)perylene	ND		4000	10

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

Reporting limits elevated due to matrix interference.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-02OS

Date Collected:	5/30/2000	Test Code:	SPCB
Date Extracted:	6/6/2000 by tm-1181	Test Name:	PCB - Sediment
Date Analyzed:	6/9/2000 by TAITS	Sample ID:	FS01-30-90
Total Solids:	50%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		200	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		200	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		200	1.0
53469-21-9	Aroclor 1242 (PCB)	ND		200	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		200	1.0
11097-69-1	Aroclor 1254 (PCB)	2200		200	1.0
11096-82-5	Aroclor 1260 (PCB)	ND		200	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		200	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		200	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-03OS

Date Collected:	5/30/2000	Test Code:	SBNA
Date Extracted:	6/7/2000 by tm-1182	Test Name:	BNA - Sediment
Date Analyzed:	6/13/2000 by GRINWISS	Sample ID:	FS01-30-90DUP
Total Solids:	51%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		6500	10
108-95-2	Phenol	ND		6500	10
111-44-4	Bis(2-chloroethyl)ether	ND		2000	10
95-57-8	2-Chlorophenol	ND		6500	10
541-73-1	1,3-Dichlorobenzene	ND		2000	10
106-46-7	1,4-Dichlorobenzene	ND		2000	10
95-50-1	1,2-Dichlorobenzene	ND		2000	10
95-48-7	2-Methylphenol (o-cresol)	ND		6500	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		2000	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		13000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		3900	10
67-72-1	Hexachloroethane	ND		2000	10
98-95-3	Nitrobenzene	ND		3900	10
78-59-1	Isophorone	ND		2000	10
88-75-5	2-Nitrophenol	ND		6500	10
105-67-9	2,4-Dimethylphenol	ND		6500	10
111-91-1	Bis(2-chloroethoxy)methane	ND		3900	10
120-83-2	2,4-Dichlorophenol	ND		6500	10
120-82-1	1,2,4-Trichlorobenzene	ND		3900	10
91-20-3	Naphthalene	1400	T	2000	10
87-68-3	Hexachlorobutadiene	ND		3900	10
59-50-7	4-Chloro-3-methylphenol	ND		6500	10
91-57-6	2-Methylnaphthalene	690	T	4900	10
77-47-4	Hexachlorocyclopentadiene	ND		39000	10
88-06-2	2,4,6-Trichlorophenol	ND		6500	10
95-95-4	2,4,5-Trichlorophenol	ND		6500	10
91-58-7	2-Chloronaphthalene	1400	T	3900	10
88-74-4	2-Nitroaniline	ND		33000	10
208-96-8	Acenaphthylene	ND		2000	10
131-11-3	Dimethyl phthalate	ND		3900	10
606-20-2	2,6-Dinitrotoluene	ND		6500	10
99-09-2	3-Nitroaniline	ND		33000	10
83-32-9	Acenaphthene	ND		2000	10
51-28-5	2,4-Dinitrophenol	ND		33000	10
132-64-9	Dibenzofuran	ND		6500	10
100-02-7	4-Nitrophenol	ND		33000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		6500	10
86-73-7	Fluorene	ND		2000	10
84-66-2	Diethyl phthalate	ND		2000	10
100-01-6	4-Nitroaniline	ND		33000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		33000	10
7005-72-3	4-Chlorophenyl phenylether	ND		2000	10
156-10-5	N-Nitrosodiphenylamine	ND		3900	10
103-33-3	Azobenzene	ND		3900	10
101-55-3	4-Bromophenyl phenylether	ND		3900	10
118-74-1	Hexachlorobenzene	ND		3900	10
87-86-5	Pentachlorophenol	ND		67000	10
85-01-8	Phenanthrene	2100		2000	10
120-12-7	Anthracene	ND		2000	10
86-74-8	Carbazole	ND		6500	10
84-74-2	Di-n-butyl phthalate	ND		2000	10
206-44-0	Fluoranthene	2200		2000	10
129-00-0	Pyrene	ND		2000	10
85-68-7	Butyl benzyl phthalate	ND		2000	10
56-55-3	Benz(a)anthracene	850	T	2000	10
218-01-9	Chrysene	1100	T	2000	10
117-81-7	Bis(2-ethylhexyl)phthalate	ND		3900	10
117-84-0	Di-n-octyl phthalate	ND		3900	10
205-99-2	Benzo(b)fluoranthene	ND		3900	10
207-08-9	Benzo(k)fluoranthene	ND		3900	10
50-32-8	Benzo(a)pyrene	ND		3900	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		3900	10
53-70-3	Dibenz(a,h)anthracene	ND		3900	10
191-24-2	Benzo(g,h,i)perylene	ND		3900	10

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

Reporting limits elevated due to matrix interference.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-03OS

Date Collected:	5/30/2000	Test Code:	SPCB
Date Extracted:	6/6/2000 by tm-1181	Test Name:	PCB - Sediment
Date Analyzed:	6/9/2000 by TAITS	Sample ID:	FS01-30-90DUP
Total Solids:	51%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		200	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		200	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		200	1.0
53469-21-9	Aroclor 1242 (PCB)	ND		200	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		200	1.0
11097-69-1	Aroclor 1254 (PCB)	2900		200	1.0
11096-82-5	Aroclor 1260 (PCB)	ND		200	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		200	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		200	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-04OS

Date Collected:	5/30/2000	Test Code:	SBNA
Date Extracted:	6/7/2000 by tm-1182	Test Name:	BNA - Sediment
Date Analyzed:	6/13/2000 by GRINWISS	Sample ID:	FS01-90-150
Total Solids:	49%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		6700	10
108-95-2	Phenol	ND		6700	10
111-44-4	Bis(2-chloroethyl)ether	ND		2000	10
95-57-8	2-Chlorophenol	ND		6700	10
541-73-1	1,3-Dichlorobenzene	ND		2000	10
106-46-7	1,4-Dichlorobenzene	ND		2000	10
95-50-1	1,2-Dichlorobenzene	ND		2000	10
95-48-7	2-Methylphenol (o-cresol)	ND		6700	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		2000	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		13000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		4100	10
67-72-1	Hexachloroethane	ND		2000	10
98-95-3	Nitrobenzene	ND		4100	10
78-59-1	Isophorone	ND		2000	10
88-75-5	2-Nitrophenol	ND		6700	10
105-67-9	2,4-Dimethylphenol	ND		6700	10
111-91-1	Bis(2-chloroethoxy)methane	ND		4100	10
120-83-2	2,4-Dichlorophenol	ND		6700	10
120-82-1	1,2,4-Trichlorobenzene	ND		4100	10
91-20-3	Naphthalene	750	T	2000	10
87-68-3	Hexachlorobutadiene	ND		4100	10
59-50-7	4-Chloro-3-methylphenol	ND		6700	10
91-57-6	2-Methylnaphthalene	ND		5100	10
77-47-4	Hexachlorocyclopentadiene	ND		41000	10
88-06-2	2,4,6-Trichlorophenol	ND		6700	10
95-95-4	2,4,5-Trichlorophenol	ND		6700	10
91-58-7	2-Chloronaphthalene	4300		4100	10
88-74-4	2-Nitroaniline	ND		35000	10
208-96-8	Acenaphthylene	ND		2000	10
131-11-3	Dimethyl phthalate	ND		4100	10
606-20-2	2,6-Dinitrotoluene	ND		6700	10
99-09-2	3-Nitroaniline	ND		35000	10
83-32-9	Acenaphthene	ND		2000	10
51-28-5	2,4-Dinitrophenol	ND		35000	10
132-64-9	Dibenzofuran	ND		6700	10
100-02-7	4-Nitrophenol	ND		35000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		6700	10
86-73-7	Fluorene	ND		2000	10
84-66-2	Diethyl phthalate	ND		2000	10
100-01-6	4-Nitroaniline	ND		35000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		35000	10
7005-72-3	4-Chlorophenyl phenylether	ND		2000	10
156-10-5	N-Nitrosodiphenylamine	ND		4100	10
103-33-3	Azobenzene	ND		4100	10
101-55-3	4-Bromophenyl phenylether	ND		4100	10
118-74-1	Hexachlorobenzene	ND		4100	10
87-86-5	Pentachlorophenol	ND		69000	10
85-01-8	Phenanthrene	1300	T	2000	10
120-12-7	Anthracene	ND		2000	10
86-74-8	Carbazole	ND		6700	10
84-74-2	Di-n-butyl phthalate	ND		2000	10
206-44-0	Fluoranthene	1500	T	2000	10
129-00-0	Pyrene	1600	T	2000	10
85-68-7	Butyl benzyl phthalate	ND		2000	10
56-55-3	Benz(a)anthracene	ND		2000	10
218-01-9	Chrysene	ND		2000	10
117-81-7	Bis(2-ethylhexyl)phthalate	ND		4100	10
117-84-0	Di-n-octyl phthalate	ND		4100	10
205-99-2	Benzo(b)fluoranthene	ND		4100	10
207-08-9	Benzo(k)fluoranthene	ND		4100	10
50-32-8	Benzo(a)pyrene	ND		4100	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		4100	10
53-70-3	Dibenz(a,h)anthracene	ND		4100	10
191-24-2	Benzo(g,h,i)perylene	ND		4100	10

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

Reporting limits elevated due to matrix interference.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-04OS

Date Collected: 5/30/2000		Test Code:	SPCB
Date Extracted: 6/6/2000 by tm-1181		Test Name:	PCB - Sediment
Date Analyzed: 6/9/2000 by TAITS		Sample ID:	FS01-90-150
Total Solids: 49%			

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		200	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		200	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		200	1.0
53469-21-9	Aroclor 1242 (PCB)	ND		200	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		200	1.0
11097-69-1	Aroclor 1254 (PCB)	ND		200	1.0
11096-82-5	Aroclor 1260 (PCB)	ND		200	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		200	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		200	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-05OS

Date Collected:	5/30/2000	Test Code:	SBNA
Date Extracted:	6/7/2000 by tm-1182	Test Name:	BNA - Sediment
Date Analyzed:	6/13/2000 by GRINWISS	Sample ID:	FS01-150-B
Total Solids:	55%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		6000	10
108-95-2	Phenol	ND		6000	10
111-44-4	Bis(2-chloroethyl)ether	ND		1800	10
95-57-8	2-Chlorophenol	ND		6000	10
541-73-1	1,3-Dichlorobenzene	ND		1800	10
106-46-7	1,4-Dichlorobenzene	ND		1800	10
95-50-1	1,2-Dichlorobenzene	ND		1800	10
95-48-7	2-Methylphenol (o-cresol)	ND		6000	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		1800	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		12000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		3600	10
67-72-1	Hexachloroethane	ND		1800	10
98-95-3	Nitrobenzene	ND		3600	10
78-59-1	Isophorone	ND		1800	10
88-75-5	2-Nitrophenol	ND		6000	10
105-67-9	2,4-Dimethylphenol	ND		6000	10
111-91-1	Bis(2-chloroethoxy)methane	ND		3600	10
120-83-2	2,4-Dichlorophenol	ND		6000	10
120-82-1	1,2,4-Trichlorobenzene	ND		3600	10
91-20-3	Naphthalene	740	T	1800	10
87-68-3	Hexachlorobutadiene	ND		3600	10
59-50-7	4-Chloro-3-methylphenol	ND		6000	10
91-57-6	2-Methylnaphthalene	ND		4500	10
77-47-4	Hexachlorocyclopentadiene	ND		36000	10
88-06-2	2,4,6-Trichlorophenol	ND		6000	10
95-95-4	2,4,5-Trichlorophenol	ND		6000	10
91-58-7	2-Chloronaphthalene	1400	T	3600	10
88-74-4	2-Nitroaniline	ND		31000	10
208-96-8	Acenaphthylene	ND		1800	10
131-11-3	Dimethyl phthalate	ND		3600	10
606-20-2	2,6-Dinitrotoluene	ND		6000	10
99-09-2	3-Nitroaniline	ND		31000	10
83-32-9	Acenaphthene	ND		1800	10
51-28-5	2,4-Dinitrophenol	ND		31000	10
132-64-9	Dibenzofuran	ND		6000	10
100-02-7	4-Nitrophenol	ND		31000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		6000	10
86-73-7	Fluorene	670	T	1800	10
84-66-2	Diethyl phthalate	ND		1800	10
100-01-6	4-Nitroaniline	ND		31000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		31000	10
7005-72-3	4-Chlorophenyl phenylether	ND		1800	10
156-10-5	N-Nitrosodiphenylamine	ND		3600	10
103-33-3	Azobenzene	ND		3600	10
101-55-3	4-Bromophenyl phenylether	ND		3600	10
118-74-1	Hexachlorobenzene	ND		3600	10
87-86-5	Pentachlorophenol	ND		62000	10
85-01-8	Phenanthrene	3100		1800	10
120-12-7	Anthracene	1000	T	1800	10
86-74-8	Carbazole	ND		6000	10
84-74-2	Di-n-butyl phthalate	ND		1800	10
206-44-0	Fluoranthene	2800		1800	10
129-00-0	Pyrene	3700		1800	10
85-68-7	Butyl benzyl phthalate	ND		1800	10
56-55-3	Benz(a)anthracene	1800		1800	10
218-01-9	Chrysene	1900		1800	10
117-81-7	Bis(2-ethylhexyl)phthalate	ND		3600	10
117-84-0	Di-n-octyl phthalate	ND		3600	10
205-99-2	Benzo(b)fluoranthene	ND		3600	10
207-08-9	Benzo(k)fluoranthene	ND		3600	10
50-32-8	Benzo(a)pyrene	ND		3600	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		3600	10
53-70-3	Dibenz(a,h)anthracene	ND		3600	10
191-24-2	Benzo(g,h,i)perylene	ND		3600	10

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

Reporting limits elevated due to matrix interference.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-05OS

Date Collected: 5/30/2000		Test Code:	SPCB
Date Extracted: 6/6/2000 by tm-1181		Test Name:	PCB - Sediment
Date Analyzed: 6/9/2000 by TAITS		Sample ID:	FS01-150-B
Total Solids: 55%			

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		180	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		180	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		180	1.0
53469-21-9	Aroclor 1242 (PCB)	ND		180	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		180	1.0
11097-69-1	Aroclor 1254 (PCB)	ND		180	1.0
11096-82-5	Aroclor 1260 (PCB)	ND		180	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		180	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		180	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-06OS

Date Collected:	5/30/2000	Test Code:	SBNA
Date Extracted:	6/7/2000 by tm-1182	Test Name:	BNA - Sediment
Date Analyzed:	6/13/2000 by GRINWISS	Sample ID:	FS02-00-30
Total Solids:	58%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		5700	10
108-95-2	Phenol	ND		5700	10
111-44-4	Bis(2-chloroethyl)ether	ND		1700	10
95-57-8	2-Chlorophenol	ND		5700	10
541-73-1	1,3-Dichlorobenzene	ND		1700	10
106-46-7	1,4-Dichlorobenzene	ND		1700	10
95-50-1	1,2-Dichlorobenzene	ND		1700	10
95-48-7	2-Methylphenol (o-cresol)	ND		5700	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		1700	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		11000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		3400	10
67-72-1	Hexachloroethane	ND		1700	10
98-95-3	Nitrobenzene	ND		3400	10
78-59-1	Isophorone	ND		1700	10
88-75-5	2-Nitrophenol	ND		5700	10
105-67-9	2,4-Dimethylphenol	ND		5700	10
111-91-1	Bis(2-chloroethoxy)methane	ND		3400	10
120-83-2	2,4-Dichlorophenol	ND		5700	10
120-82-1	1,2,4-Trichlorobenzene	ND		3400	10
91-20-3	Naphthalene	790	T	1700	10
87-68-3	Hexachlorobutadiene	ND		3400	10
59-50-7	4-Chloro-3-methylphenol	ND		5700	10
91-57-6	2-Methylnaphthalene	900	T	4300	10
77-47-4	Hexachlorocyclopentadiene	ND		34000	10
88-06-2	2,4,6-Trichlorophenol	ND		5700	10
95-95-4	2,4,5-Trichlorophenol	ND		5700	10
91-58-7	2-Chloronaphthalene	ND		3400	10
88-74-4	2-Nitroaniline	ND		29000	10
208-96-8	Acenaphthylene	570	T	1700	10
131-11-3	Dimethyl phthalate	ND		3400	10
606-20-2	2,6-Dinitrotoluene	ND		5700	10
99-09-2	3-Nitroaniline	ND		29000	10
83-32-9	Acenaphthene	630	T	1700	10
51-28-5	2,4-Dinitrophenol	ND		29000	10
132-64-9	Dibenzofuran	ND		5700	10
100-02-7	4-Nitrophenol	ND		29000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		5700	10
86-73-7	Fluorene	990	T	1700	10
84-66-2	Diethyl phthalate	ND		1700	10
100-01-6	4-Nitroaniline	ND		29000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		29000	10
7005-72-3	4-Chlorophenyl phenylether	ND		1700	10
156-10-5	N-Nitrosodiphenylamine	ND		3400	10
103-33-3	Azobenzene	ND		3400	10
101-55-3	4-Bromophenyl phenylether	ND		3400	10
118-74-1	Hexachlorobenzene	ND		3400	10
87-86-5	Pentachlorophenol	ND		59000	10
85-01-8	Phenanthrene	6900		1700	10
120-12-7	Anthracene	2800		1700	10
86-74-8	Carbazole	ND		5700	10
84-74-2	Di-n-butyl phthalate	ND		1700	10
206-44-0	Fluoranthene	7900		1700	10
129-00-0	Pyrene	9800		1700	10
85-68-7	Butyl benzyl phthalate	ND		1700	10
56-55-3	Benz(a)anthracene	5600		1700	10
218-01-9	Chrysene	5800		1700	10
117-81-7	Bis(2-ethylhexyl)phthalate	ND		3400	10
117-84-0	Di-n-octyl phthalate	ND		3400	10
205-99-2	Benzo(b)fluoranthene	2600	T	3400	10
207-08-9	Benzo(k)fluoranthene	3900		3400	10
50-32-8	Benzo(a)pyrene	5400		3400	10
193-39-5	Indeno(1,2,3-cd)pyrene	1700	T	3400	10
53-70-3	Dibenz(a,h)anthracene	ND		3400	10
191-24-2	Benzo(g,h,i)perylene	1700	T	3400	10

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

Reporting limits elevated due to matrix interference.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-06OS

Date Collected:	5/30/2000	Test Code:	SPCB
Date Extracted:	6/6/2000 by tm-1181	Test Name:	PCB - Sediment
Date Analyzed:	6/9/2000 by TAITS	Sample ID:	FS02-00-30
Total Solids:	58%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		170	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		170	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		170	1.0
53469-21-9	Aroclor 1242 (PCB)	ND		170	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		170	1.0
11097-69-1	Aroclor 1254 (PCB)	ND		170	1.0
11096-82-5	Aroclor 1260 (PCB)	ND		170	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		170	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		170	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-07OS

Date Collected:	5/30/2000	Test Code:	SBNA
Date Extracted:	6/7/2000 by tm-1182	Test Name:	BNA - Sediment
Date Analyzed:	6/13/2000 by GRINWISS	Sample ID:	FS02-30-90
Total Solids:	61%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		5400	10
108-95-2	Phenol	ND		5400	10
111-44-4	Bis(2-chloroethyl)ether	ND		1600	10
95-57-8	2-Chlorophenol	ND		5400	10
541-73-1	1,3-Dichlorobenzene	ND		1600	10
106-46-7	1,4-Dichlorobenzene	ND		1600	10
95-50-1	1,2-Dichlorobenzene	ND		1600	10
95-48-7	2-Methylphenol (o-cresol)	ND		5400	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		1600	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		11000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		3300	10
67-72-1	Hexachloroethane	ND		1600	10
98-95-3	Nitrobenzene	ND		3300	10
78-59-1	Isophorone	ND		1600	10
88-75-5	2-Nitrophenol	ND		5400	10
105-67-9	2,4-Dimethylphenol	ND		5400	10
111-91-1	Bis(2-chloroethoxy)methane	ND		3300	10
120-83-2	2,4-Dichlorophenol	ND		5400	10
120-82-1	1,2,4-Trichlorobenzene	ND		3300	10
91-20-3	Naphthalene	1100	T	1600	10
87-68-3	Hexachlorobutadiene	ND		3300	10
59-50-7	4-Chloro-3-methylphenol	ND		5400	10
91-57-6	2-Methylnaphthalene	3000	T	4100	10
77-47-4	Hexachlorocyclopentadiene	ND		33000	10
88-06-2	2,4,6-Trichlorophenol	ND		5400	10
95-95-4	2,4,5-Trichlorophenol	ND		5400	10
91-58-7	2-Chloronaphthalene	ND		3300	10
88-74-4	2-Nitroaniline	ND		28000	10
208-96-8	Acenaphthylene	800	T	1600	10
131-11-3	Dimethyl phthalate	ND		3300	10
606-20-2	2,6-Dinitrotoluene	ND		5400	10
99-09-2	3-Nitroaniline	ND		28000	10
83-32-9	Acenaphthene	2000		1600	10
51-28-5	2,4-Dinitrophenol	ND		28000	10
132-64-9	Dibenzofuran	600	T	5400	10
100-02-7	4-Nitrophenol	ND		28000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		5400	10
86-73-7	Fluorene	2700		1600	10
84-66-2	Diethyl phthalate	ND		1600	10
100-01-6	4-Nitroaniline	ND		28000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		28000	10
7005-72-3	4-Chlorophenyl phenylether	ND		1600	10
156-10-5	N-Nitrosodiphenylamine	ND		3300	10
103-33-3	Azobenzene	ND		3300	10
101-55-3	4-Bromophenyl phenylether	ND		3300	10
118-74-1	Hexachlorobenzene	ND		3300	10
87-86-5	Pentachlorophenol	ND		56000	10
85-01-8	Phenanthrene	20000		1600	10
120-12-7	Anthracene	6900		1600	10
86-74-8	Carbazole	ND		5400	10
84-74-2	Di-n-butyl phthalate	ND		1600	10
206-44-0	Fluoranthene	13000		1600	10
129-00-0	Pyrene	16000		1600	10
85-68-7	Butyl benzyl phthalate	ND		1600	10
56-55-3	Benz(a)anthracene	8000		1600	10
218-01-9	Chrysene	7900		1600	10
117-81-7	Bis(2-ethylhexyl)phthalate	ND		3300	10
117-84-0	Di-n-octyl phthalate	ND		3300	10
205-99-2	Benzo(b)fluoranthene	3100	T	3300	10
207-08-9	Benzo(k)fluoranthene	5000		3300	10
50-32-8	Benzo(a)pyrene	7200		3300	10
193-39-5	Indeno(1,2,3-cd)pyrene	1900	T	3300	10
53-70-3	Dibenz(a,h)anthracene	ND		3300	10
191-24-2	Benzo(g,h,i)perylene	1900	T	3300	10

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

Reporting limits elevated due to matrix interference.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-07OS

Date Collected:	5/30/2000	Test Code:	SPCB
Date Extracted:	6/6/2000 by S1181 KS	Test Name:	PCB - Sediment
Date Analyzed:	6/9/2000 by TAITS	Sample ID:	FS02-30-90
Total Solids:	61%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		160	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		160	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		160	1.0
53469-21-9	Aroclor 1242 (PCB)	ND		160	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		160	1.0
11097-69-1	Aroclor 1254 (PCB)	ND		160	1.0
11096-82-5	Aroclor 1260 (PCB)	ND		160	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		160	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		160	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-08OS

Date Collected:	5/30/2000	Test Code:	SBNA
Date Extracted:	6/7/2000 by tm-1182	Test Name:	BNA - Sediment
Date Analyzed:	6/13/2000 by GRINWISS	Sample ID:	FS02-90-B
Total Solids:	57%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		5800	10
108-95-2	Phenol	ND		5800	10
111-44-4	Bis(2-chloroethyl)ether	ND		1800	10
95-57-8	2-Chlorophenol	ND		5800	10
541-73-1	1,3-Dichlorobenzene	ND		1800	10
106-46-7	1,4-Dichlorobenzene	ND		1800	10
95-50-1	1,2-Dichlorobenzene	ND		1800	10
95-48-7	2-Methylphenol (o-cresol)	ND		5800	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		1800	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		12000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		3500	10
67-72-1	Hexachloroethane	ND		1800	10
98-95-3	Nitrobenzene	ND		3500	10
78-59-1	Isophorone	ND		1800	10
88-75-5	2-Nitrophenol	ND		5800	10
105-67-9	2,4-Dimethylphenol	ND		5800	10
111-91-1	Bis(2-chloroethoxy)methane	ND		3500	10
120-83-2	2,4-Dichlorophenol	ND		5800	10
120-82-1	1,2,4-Trichlorobenzene	ND		3500	10
91-20-3	Naphthalene	1000	T	1800	10
87-68-3	Hexachlorobutadiene	ND		3500	10
59-50-7	4-Chloro-3-methylphenol	ND		5800	10
91-57-6	2-Methylnaphthalene	2000	T	4400	10
77-47-4	Hexachlorocyclopentadiene	ND		35000	10
88-06-2	2,4,6-Trichlorophenol	ND		5800	10
95-95-4	2,4,5-Trichlorophenol	ND		5800	10
91-58-7	2-Chloronaphthalene	ND		3500	10
88-74-4	2-Nitroaniline	ND		30000	10
208-96-8	Acenaphthylene	650	T	1800	10
131-11-3	Dimethyl phthalate	ND		3500	10
606-20-2	2,6-Dinitrotoluene	ND		5800	10
99-09-2	3-Nitroaniline	ND		30000	10
83-32-9	Acenaphthene	1400	T	1800	10
51-28-5	2,4-Dinitrophenol	ND		30000	10
132-64-9	Dibenzofuran	ND		5800	10
100-02-7	4-Nitrophenol	ND		30000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		5800	10
86-73-7	Fluorene	2300		1800	10
84-66-2	Diethyl phthalate	ND		1800	10
100-01-6	4-Nitroaniline	ND		30000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		30000	10
7005-72-3	4-Chlorophenyl phenylether	ND		1800	10
156-10-5	N-Nitrosodiphenylamine	ND		3500	10
103-33-3	Azobenzene	ND		3500	10
101-55-3	4-Bromophenyl phenylether	ND		3500	10
118-74-1	Hexachlorobenzene	ND		3500	10
87-86-5	Pentachlorophenol	ND		60000	10
85-01-8	Phenanthrene	16000		1800	10
120-12-7	Anthracene	5500		1800	10
86-74-8	Carbazole	ND		5800	10
84-74-2	Di-n-butyl phthalate	ND		1800	10
206-44-0	Fluoranthene	9400		1800	10
129-00-0	Pyrene	14000		1800	10
85-68-7	Butyl benzyl phthalate	ND		1800	10
56-55-3	Benz(a)anthracene	5900		1800	10
218-01-9	Chrysene	5900		1800	10
117-81-7	Bis(2-ethylhexyl)phthalate	ND		3500	10
117-84-0	Di-n-octyl phthalate	ND		3500	10
205-99-2	Benzo(b)fluoranthene	2400	T	3500	10
207-08-9	Benzo(k)fluoranthene	3200	T	3500	10
50-32-8	Benzo(a)pyrene	5200		3500	10
193-39-5	Indeno(1,2,3-cd)pyrene	1400	T	3500	10
53-70-3	Dibenz(a,h)anthracene	ND		3500	10
191-24-2	Benzo(g,h,i)perylene	1500	T	3500	10

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

Reporting limits elevated due to matrix interference.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-08OS

Date Collected: 5/30/2000		Test Code:	SPCB
Date Extracted: 6/6/2000 by tm-1181		Test Name:	PCB - Sediment
Date Analyzed: 6/9/2000 by TAITS		Sample ID:	FS02-90-B
Total Solids: 57%			

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		180	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		180	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		180	1.0
53469-21-9	Aroclor 1242 (PCB)	ND		180	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		180	1.0
11097-69-1	Aroclor 1254 (PCB)	ND		180	1.0
11096-82-5	Aroclor 1260 (PCB)	ND		180	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		180	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		180	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-09OS

Date Collected:	5/30/2000	Test Code:	SBNA
Date Extracted:	6/7/2000 by tm-1182	Test Name:	BNA - Sediment
Date Analyzed:	6/12/2000 by GRINWISS	Sample ID:	FS03-00-30
Total Solids:	43%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		770	1
108-95-2	Phenol	ND		770	1
111-44-4	Bis(2-chloroethyl)ether	ND		230	1
95-57-8	2-Chlorophenol	ND		770	1
541-73-1	1,3-Dichlorobenzene	ND		230	1
106-46-7	1,4-Dichlorobenzene	ND		230	1
95-50-1	1,2-Dichlorobenzene	ND		230	1
95-48-7	2-Methylphenol (o-cresol)	ND		770	1
108-60-1	Bis(2-chloroisopropyl)ether	ND		230	1
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		1500	1
621-64-7	N-Nitrosodi-n-propylamine	ND		470	1
67-72-1	Hexachloroethane	ND		230	1
98-95-3	Nitrobenzene	ND		470	1
78-59-1	Isophorone	ND		230	1
88-75-5	2-Nitrophenol	ND		770	1
105-67-9	2,4-Dimethylphenol	ND		770	1
111-91-1	Bis(2-chloroethoxy)methane	ND		470	1
120-83-2	2,4-Dichlorophenol	ND		770	1
120-82-1	1,2,4-Trichlorobenzene	ND		470	1
91-20-3	Naphthalene	410		230	1
87-68-3	Hexachlorobutadiene	ND		470	1
59-50-7	4-Chloro-3-methylphenol	ND		770	1
91-57-6	2-Methylnaphthalene	ND		580	1
77-47-4	Hexachlorocyclopentadiene	ND		4700	1
88-06-2	2,4,6-Trichlorophenol	ND		770	1
95-95-4	2,4,5-Trichlorophenol	ND		770	1
91-58-7	2-Chloronaphthalene	ND		470	1
88-74-4	2-Nitroaniline	ND		4000	1
208-96-8	Acenaphthylene	ND		230	1
131-11-3	Dimethyl phthalate	ND		470	1
606-20-2	2,6-Dinitrotoluene	ND		770	1
99-09-2	3-Nitroaniline	ND		4000	1
83-32-9	Acenaphthene	ND		230	1
51-28-5	2,4-Dinitrophenol	ND		4000	1
132-64-9	Dibenzofuran	ND		770	1
100-02-7	4-Nitrophenol	ND		4000	1

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		770	1
86-73-7	Fluorene	ND		230	1
84-66-2	Diethyl phthalate	ND		230	1
100-01-6	4-Nitroaniline	ND		4000	1
534-52-1	2-Methyl-4,6-dinitrophenol	ND		4000	1
7005-72-3	4-Chlorophenyl phenylether	ND		230	1
156-10-5	N-Nitrosodiphenylamine	ND		470	1
103-33-3	Azobenzene	ND		470	1
101-55-3	4-Bromophenyl phenylether	ND		470	1
118-74-1	Hexachlorobenzene	ND		470	1
87-86-5	Pentachlorophenol	ND		7900	1
85-01-8	Phenanthrene	770	J	230	1
120-12-7	Anthracene	230	J	230	1
86-74-8	Carbazole	ND		770	1
84-74-2	Di-n-butyl phthalate	ND		230	1
206-44-0	Fluoranthene	1000	J	230	1
129-00-0	Pyrene	700	J	230	1
85-68-7	Butyl benzyl phthalate	ND		230	1
56-55-3	Benz(a)anthracene	340		230	1
218-01-9	Chrysene	440		230	1
117-81-7	Bis(2-ethylhexyl)phthalate	870		470	1
117-84-0	Di-n-octyl phthalate	ND		470	1
205-99-2	Benzo(b)fluoranthene	ND		470	1
207-08-9	Benzo(k)fluoranthene	ND		470	1
50-32-8	Benzo(a)pyrene	ND		470	1
193-39-5	Indeno(1,2,3-cd)pyrene	ND		470	1
53-70-3	Dibenz(a,h)anthracene	ND		470	1
191-24-2	Benzo(g,h,i)perylene	ND		470	1

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-09OS

Date Collected: 5/30/2000		Test Code:	SPCB
Date Extracted: 6/6/2000 by tm-1181		Test Name:	PCB - Sediment
Date Analyzed: 6/9/2000 by TAITS		Sample ID:	FS03-00-30
Total Solids: 43%			

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		230	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		230	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		230	1.0
53469-21-9	Aroclor 1242 (PCB)	ND		230	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		230	1.0
11097-69-1	Aroclor 1254 (PCB)	ND		230	1.0
11096-82-5	Aroclor 1260 (PCB)	ND		230	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		230	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		230	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-10OS

Date Collected:	5/30/2000	Test Code:	SBNA
Date Extracted:	6/7/2000 by tm-1182	Test Name:	BNA - Sediment
Date Analyzed:	6/13/2000 by GRINWISS	Sample ID:	FS03-30-90
Total Solids:	52%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		6300	10
108-95-2	Phenol	ND		6300	10
111-44-4	Bis(2-chloroethyl)ether	ND		1900	10
95-57-8	2-Chlorophenol	ND		6300	10
541-73-1	1,3-Dichlorobenzene	ND		1900	10
106-46-7	1,4-Dichlorobenzene	ND		1900	10
95-50-1	1,2-Dichlorobenzene	ND		1900	10
95-48-7	2-Methylphenol (o-cresol)	ND		6300	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		1900	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		13000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		3800	10
67-72-1	Hexachloroethane	ND		1900	10
98-95-3	Nitrobenzene	ND		3800	10
78-59-1	Isophorone	ND		1900	10
88-75-5	2-Nitrophenol	ND		6300	10
105-67-9	2,4-Dimethylphenol	ND		6300	10
111-91-1	Bis(2-chloroethoxy)methane	ND		3800	10
120-83-2	2,4-Dichlorophenol	ND		6300	10
120-82-1	1,2,4-Trichlorobenzene	ND		3800	10
91-20-3	Naphthalene	1500	T	1900	10
87-68-3	Hexachlorobutadiene	ND		3800	10
59-50-7	4-Chloro-3-methylphenol	ND		6300	10
91-57-6	2-Methylnaphthalene	ND		4800	10
77-47-4	Hexachlorocyclopentadiene	ND		38000	10
88-06-2	2,4,6-Trichlorophenol	ND		6300	10
95-95-4	2,4,5-Trichlorophenol	ND		6300	10
91-58-7	2-Chloronaphthalene	7500		3800	10
88-74-4	2-Nitroaniline	ND		33000	10
208-96-8	Acenaphthylene	ND		1900	10
131-11-3	Dimethyl phthalate	ND		3800	10
606-20-2	2,6-Dinitrotoluene	ND		6300	10
99-09-2	3-Nitroaniline	ND		33000	10
83-32-9	Acenaphthene	ND		1900	10
51-28-5	2,4-Dinitrophenol	ND		33000	10
132-64-9	Dibenzofuran	ND		6300	10
100-02-7	4-Nitrophenol	ND		33000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		6300	10
86-73-7	Fluorene	ND		1900	10
84-66-2	Diethyl phthalate	ND		1900	10
100-01-6	4-Nitroaniline	ND		33000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		33000	10
7005-72-3	4-Chlorophenyl phenylether	ND		1900	10
156-10-5	N-Nitrosodiphenylamine	ND		3800	10
103-33-3	Azobenzene	ND		3800	10
101-55-3	4-Bromophenyl phenylether	ND		3800	10
118-74-1	Hexachlorobenzene	ND		3800	10
87-86-5	Pentachlorophenol	ND		65000	10
85-01-8	Phenanthrene	2600		1900	10
120-12-7	Anthracene	720	T	1900	10
86-74-8	Carbazole	ND		6300	10
84-74-2	Di-n-butyl phthalate	ND		1900	10
206-44-0	Fluoranthene	3000		1900	10
129-00-0	Pyrene	3000		1900	10
85-68-7	Butyl benzyl phthalate	ND		1900	10
56-55-3	Benz(a)anthracene	1200	T	1900	10
218-01-9	Chrysene	1400	T	1900	10
117-81-7	Bis(2-ethylhexyl)phthalate	ND		3800	10
117-84-0	Di-n-octyl phthalate	ND		3800	10
205-99-2	Benzo(b)fluoranthene	ND		3800	10
207-08-9	Benzo(k)fluoranthene	ND		3800	10
50-32-8	Benzo(a)pyrene	ND		3800	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		3800	10
53-70-3	Dibenz(a,h)anthracene	ND		3800	10
191-24-2	Benzo(g,h,i)perylene	ND		3800	10

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

Reporting limits elevated due to matrix interference.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-10OS

Date Collected: 5/30/2000		Test Code:	SPCB
Date Extracted: 6/6/2000 by tm-1181		Test Name:	PCB - Sediment
Date Analyzed: 6/9/2000 by TAITS		Sample ID:	FS03-30-90
Total Solids: 52%			

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		190	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		190	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		190	1.0
53469-21-9	Aroclor 1242 (PCB)	ND		190	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		190	1.0
11097-69-1	Aroclor 1254 (PCB)	ND		190	1.0
11096-82-5	Aroclor 1260 (PCB)	ND		190	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		190	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		190	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-11OS

Date Collected:	5/30/2000	Test Code:	SBNA
Date Extracted:	6/7/2000 by tm-1182	Test Name:	BNA - Sediment
Date Analyzed:	6/13/2000 by GRINWISS	Sample ID:	FS03-90-150
Total Solids:	55%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		6000	10
108-95-2	Phenol	ND		6000	10
111-44-4	Bis(2-chloroethyl)ether	ND		1800	10
95-57-8	2-Chlorophenol	ND		6000	10
541-73-1	1,3-Dichlorobenzene	ND		1800	10
106-46-7	1,4-Dichlorobenzene	ND		1800	10
95-50-1	1,2-Dichlorobenzene	ND		1800	10
95-48-7	2-Methylphenol (o-cresol)	ND		6000	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		1800	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		12000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		3600	10
67-72-1	Hexachloroethane	ND		1800	10
98-95-3	Nitrobenzene	ND		3600	10
78-59-1	Isophorone	ND		1800	10
88-75-5	2-Nitrophenol	ND		6000	10
105-67-9	2,4-Dimethylphenol	ND		6000	10
111-91-1	Bis(2-chloroethoxy)methane	ND		3600	10
120-83-2	2,4-Dichlorophenol	ND		6000	10
120-82-1	1,2,4-Trichlorobenzene	ND		3600	10
91-20-3	Naphthalene	660	T	1800	10
87-68-3	Hexachlorobutadiene	ND		3600	10
59-50-7	4-Chloro-3-methylphenol	ND		6000	10
91-57-6	2-Methylnaphthalene	ND		4500	10
77-47-4	Hexachlorocyclopentadiene	ND		36000	10
88-06-2	2,4,6-Trichlorophenol	ND		6000	10
95-95-4	2,4,5-Trichlorophenol	ND		6000	10
91-58-7	2-Chloronaphthalene	1700	T	3600	10
88-74-4	2-Nitroaniline	ND		31000	10
208-96-8	Acenaphthylene	ND		1800	10
131-11-3	Dimethyl phthalate	ND		3600	10
606-20-2	2,6-Dinitrotoluene	ND		6000	10
99-09-2	3-Nitroaniline	ND		31000	10
83-32-9	Acenaphthene	ND		1800	10
51-28-5	2,4-Dinitrophenol	ND		31000	10
132-64-9	Dibenzofuran	ND		6000	10
100-02-7	4-Nitrophenol	ND		31000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		6000	10
86-73-7	Fluorene	ND		1800	10
84-66-2	Diethyl phthalate	ND		1800	10
100-01-6	4-Nitroaniline	ND		31000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		31000	10
7005-72-3	4-Chlorophenyl phenylether	ND		1800	10
156-10-5	N-Nitrosodiphenylamine	ND		3600	10
103-33-3	Azobenzene	ND		3600	10
101-55-3	4-Bromophenyl phenylether	ND		3600	10
118-74-1	Hexachlorobenzene	ND		3600	10
87-86-5	Pentachlorophenol	ND		62000	10
85-01-8	Phenanthrene	2700		1800	10
120-12-7	Anthracene	990	T	1800	10
86-74-8	Carbazole	ND		6000	10
84-74-2	Di-n-butyl phthalate	ND		1800	10
206-44-0	Fluoranthene	2600		1800	10
129-00-0	Pyrene	2700		1800	10
85-68-7	Butyl benzyl phthalate	ND		1800	10
56-55-3	Benz(a)anthracene	1300	T	1800	10
218-01-9	Chrysene	1600	T	1800	10
117-81-7	Bis(2-ethylhexyl)phthalate	ND		3600	10
117-84-0	Di-n-octyl phthalate	ND		3600	10
205-99-2	Benzo(b)fluoranthene	ND		3600	10
207-08-9	Benzo(k)fluoranthene	ND		3600	10
50-32-8	Benzo(a)pyrene	ND		3600	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		3600	10
53-70-3	Dibenz(a,h)anthracene	ND		3600	10
191-24-2	Benzo(g,h,i)perylene	ND		3600	10

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

Reporting limits elevated due to matrix interference.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-11OS

Date Collected: 5/30/2000		Test Code:	SPCB
Date Extracted: 6/6/2000 by tm-1181		Test Name:	PCB - Sediment
Date Analyzed: 6/9/2000 by TAITS		Sample ID:	FS03-90-150
Total Solids: 55%			

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		180	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		180	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		180	1.0
53469-21-9	Aroclor 1242 (PCB)	ND		180	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		180	1.0
11097-69-1	Aroclor 1254 (PCB)	ND		180	1.0
11096-82-5	Aroclor 1260 (PCB)	ND		180	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		180	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		180	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-12OS

Date Collected:	5/30/2000	Test Code:	SBNA
Date Extracted:	6/7/2000 by tm-1182	Test Name:	BNA - Sediment
Date Analyzed:	6/13/2000 by GRINWISS	Sample ID:	FS03-150-B
Total Solids:	56%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		5900	10
108-95-2	Phenol	ND		5900	10
111-44-4	Bis(2-chloroethyl)ether	ND		1800	10
95-57-8	2-Chlorophenol	ND		5900	10
541-73-1	1,3-Dichlorobenzene	ND		1800	10
106-46-7	1,4-Dichlorobenzene	ND		1800	10
95-50-1	1,2-Dichlorobenzene	ND		1800	10
95-48-7	2-Methylphenol (o-cresol)	ND		5900	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		1800	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		12000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		3600	10
67-72-1	Hexachloroethane	ND		1800	10
98-95-3	Nitrobenzene	ND		3600	10
78-59-1	Isophorone	ND		1800	10
88-75-5	2-Nitrophenol	ND		5900	10
105-67-9	2,4-Dimethylphenol	ND		5900	10
111-91-1	Bis(2-chloroethoxy)methane	ND		3600	10
120-83-2	2,4-Dichlorophenol	ND		5900	10
120-82-1	1,2,4-Trichlorobenzene	ND		3600	10
91-20-3	Naphthalene	1600	T	1800	10
87-68-3	Hexachlorobutadiene	ND		3600	10
59-50-7	4-Chloro-3-methylphenol	ND		5900	10
91-57-6	2-Methylnaphthalene	1700	T	4500	10
77-47-4	Hexachlorocyclopentadiene	ND		36000	10
88-06-2	2,4,6-Trichlorophenol	ND		5900	10
95-95-4	2,4,5-Trichlorophenol	ND		5900	10
91-58-7	2-Chloronaphthalene	ND		3600	10
88-74-4	2-Nitroaniline	ND		30000	10
208-96-8	Acenaphthylene	640	T	1800	10
131-11-3	Dimethyl phthalate	ND		3600	10
606-20-2	2,6-Dinitrotoluene	ND		5900	10
99-09-2	3-Nitroaniline	ND		30000	10
83-32-9	Acenaphthene	1200	T	1800	10
51-28-5	2,4-Dinitrophenol	ND		30000	10
132-64-9	Dibenzofuran	ND		5900	10
100-02-7	4-Nitrophenol	ND		30000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		5900	10
86-73-7	Fluorene	1800		1800	10
84-66-2	Diethyl phthalate	ND		1800	10
100-01-6	4-Nitroaniline	ND		30000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		30000	10
7005-72-3	4-Chlorophenyl phenylether	ND		1800	10
156-10-5	N-Nitrosodiphenylamine	ND		3600	10
103-33-3	Azobenzene	ND		3600	10
101-55-3	4-Bromophenyl phenylether	ND		3600	10
118-74-1	Hexachlorobenzene	ND		3600	10
87-86-5	Pentachlorophenol	ND		61000	10
85-01-8	Phenanthrene	11000		1800	10
120-12-7	Anthracene	4600		1800	10
86-74-8	Carbazole	ND		5900	10
84-74-2	Di-n-butyl phthalate	ND		1800	10
206-44-0	Fluoranthene	11000		1800	10
129-00-0	Pyrene	13000		1800	10
85-68-7	Butyl benzyl phthalate	ND		1800	10
56-55-3	Benz(a)anthracene	6200		1800	10
218-01-9	Chrysene	6500		1800	10
117-81-7	Bis(2-ethylhexyl)phthalate	ND		3600	10
117-84-0	Di-n-octyl phthalate	ND		3600	10
205-99-2	Benzo(b)fluoranthene	2800	T	3600	10
207-08-9	Benzo(k)fluoranthene	4100		3600	10
50-32-8	Benzo(a)pyrene	5600		3600	10
193-39-5	Indeno(1,2,3-cd)pyrene	1600	T	3600	10
53-70-3	Dibenz(a,h)anthracene	ND		3600	10
191-24-2	Benzo(g,h,i)perylene	1500	T	3600	10

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

Reporting limits elevated due to matrix interference.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-12OS

Date Collected:	5/30/2000	Test Code:	SPCB
Date Extracted:	6/6/2000 by tm-1181	Test Name:	PCB - Sediment
Date Analyzed:	6/9/2000 by TAITS	Sample ID:	FS03-150-B
Total Solids:	56%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		180	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		180	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		180	1.0
53469-21-9	Aroclor 1242 (PCB)	ND		180	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		180	1.0
11097-69-1	Aroclor 1254 (PCB)	ND		180	1.0
11096-82-5	Aroclor 1260 (PCB)	ND		180	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		180	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		180	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-13OS

Date Collected:	5/30/2000	Test Code:	SBNA
Date Extracted:	6/7/2000 by tm-1182	Test Name:	BNA - Sediment
Date Analyzed:	6/13/2000 by GRINWISS	Sample ID:	FS04-00-30
Total Solids:	54%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		6100	10
108-95-2	Phenol	ND		6100	10
111-44-4	Bis(2-chloroethyl)ether	ND		1900	10
95-57-8	2-Chlorophenol	ND		6100	10
541-73-1	1,3-Dichlorobenzene	ND		1900	10
106-46-7	1,4-Dichlorobenzene	ND		1900	10
95-50-1	1,2-Dichlorobenzene	ND		1900	10
95-48-7	2-Methylphenol (o-cresol)	ND		6100	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		1900	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		12000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		3700	10
67-72-1	Hexachloroethane	ND		1900	10
98-95-3	Nitrobenzene	ND		3700	10
78-59-1	Isophorone	ND		1900	10
88-75-5	2-Nitrophenol	ND		6100	10
105-67-9	2,4-Dimethylphenol	ND		6100	10
111-91-1	Bis(2-chloroethoxy)methane	ND		3700	10
120-83-2	2,4-Dichlorophenol	ND		6100	10
120-82-1	1,2,4-Trichlorobenzene	ND		3700	10
91-20-3	Naphthalene	1600	T	1900	10
87-68-3	Hexachlorobutadiene	ND		3700	10
59-50-7	4-Chloro-3-methylphenol	ND		6100	10
91-57-6	2-Methylnaphthalene	7100		4600	10
77-47-4	Hexachlorocyclopentadiene	ND		37000	10
88-06-2	2,4,6-Trichlorophenol	ND		6100	10
95-95-4	2,4,5-Trichlorophenol	ND		6100	10
91-58-7	2-Chloronaphthalene	ND		3700	10
88-74-4	2-Nitroaniline	ND		31000	10
208-96-8	Acenaphthylene	3300		1900	10
131-11-3	Dimethyl phthalate	ND		3700	10
606-20-2	2,6-Dinitrotoluene	ND		6100	10
99-09-2	3-Nitroaniline	ND		31000	10
83-32-9	Acenaphthene	6300		1900	10
51-28-5	2,4-Dinitrophenol	ND		31000	10
132-64-9	Dibenzofuran	1400	T	6100	10
100-02-7	4-Nitrophenol	ND		31000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		6100	10
86-73-7	Fluorene	9700		1900	10
84-66-2	Diethyl phthalate	ND		1900	10
100-01-6	4-Nitroaniline	ND		31000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		31000	10
7005-72-3	4-Chlorophenyl phenylether	ND		1900	10
156-10-5	N-Nitrosodiphenylamine	ND		3700	10
103-33-3	Azobenzene	ND		3700	10
101-55-3	4-Bromophenyl phenylether	ND		3700	10
118-74-1	Hexachlorobenzene	ND		3700	10
87-86-5	Pentachlorophenol	ND		63000	10
85-01-8	Phenanthrene	72000		1900	10
120-12-7	Anthracene	28000		1900	10
86-74-8	Carbazole	ND		6100	10
84-74-2	Di-n-butyl phthalate	ND		1900	10
206-44-0	Fluoranthene	49000		1900	10
129-00-0	Pyrene	13000		1900	10
85-68-7	Butyl benzyl phthalate	ND		1900	10
56-55-3	Benz(a)anthracene	25000		1900	10
218-01-9	Chrysene	23000		1900	10
117-81-7	Bis(2-ethylhexyl)phthalate	ND		3700	10
117-84-0	Di-n-octyl phthalate	ND		3700	10
205-99-2	Benzo(b)fluoranthene	11000		3700	10
207-08-9	Benzo(k)fluoranthene	13000		3700	10
50-32-8	Benzo(a)pyrene	23000		3700	10
193-39-5	Indeno(1,2,3-cd)pyrene	5700		3700	10
53-70-3	Dibenz(a,h)anthracene	2300	T	3700	10
191-24-2	Benzo(g,h,i)perylene	5700		3700	10

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

Reporting limits elevated due to matrix interference.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-13OS

Date Collected:	5/30/2000	Test Code:	SPCB
Date Extracted:	6/6/2000 by tm-1181	Test Name:	PCB - Sediment
Date Analyzed:	6/9/2000 by TAITS	Sample ID:	FS04-00-30
Total Solids:	54%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		190	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		190	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		190	1.0
53469-21-9	Aroclor 1242 (PCB)	ND		190	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		190	1.0
11097-69-1	Aroclor 1254 (PCB)	ND		190	1.0
11096-82-5	Aroclor 1260 (PCB)	ND		190	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		190	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		190	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-14OS

Date Collected:	5/30/2000	Test Code:	SBNA
Date Extracted:	6/7/2000 by tm-1182	Test Name:	BNA - Sediment
Date Analyzed:	6/13/2000 by GRINWISS	Sample ID:	FS04-30-B
Total Solids:	78%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		4200	10
108-95-2	Phenol	ND		4200	10
111-44-4	Bis(2-chloroethyl)ether	ND		1300	10
95-57-8	2-Chlorophenol	ND		4200	10
541-73-1	1,3-Dichlorobenzene	ND		1300	10
106-46-7	1,4-Dichlorobenzene	ND		1300	10
95-50-1	1,2-Dichlorobenzene	ND		1300	10
95-48-7	2-Methylphenol (o-cresol)	ND		4200	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		1300	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		8500	10
621-64-7	N-Nitrosodi-n-propylamine	ND		2600	10
67-72-1	Hexachloroethane	ND		1300	10
98-95-3	Nitrobenzene	ND		2600	10
78-59-1	Isophorone	ND		1300	10
88-75-5	2-Nitrophenol	ND		4200	10
105-67-9	2,4-Dimethylphenol	ND		4200	10
111-91-1	Bis(2-chloroethoxy)methane	ND		2600	10
120-83-2	2,4-Dichlorophenol	ND		4200	10
120-82-1	1,2,4-Trichlorobenzene	ND		2600	10
91-20-3	Naphthalene	ND		1300	10
87-68-3	Hexachlorobutadiene	ND		2600	10
59-50-7	4-Chloro-3-methylphenol	ND		4200	10
91-57-6	2-Methylnaphthalene	1100	T	3200	10
77-47-4	Hexachlorocyclopentadiene	ND		26000	10
88-06-2	2,4,6-Trichlorophenol	ND		4200	10
95-95-4	2,4,5-Trichlorophenol	ND		4200	10
91-58-7	2-Chloronaphthalene	ND		2600	10
88-74-4	2-Nitroaniline	ND		22000	10
208-96-8	Acenaphthylene	550	T	1300	10
131-11-3	Dimethyl phthalate	ND		2600	10
606-20-2	2,6-Dinitrotoluene	ND		4200	10
99-09-2	3-Nitroaniline	ND		22000	10
83-32-9	Acenaphthene	1000	T	1300	10
51-28-5	2,4-Dinitrophenol	ND		22000	10
132-64-9	Dibenzofuran	ND		4200	10
100-02-7	4-Nitrophenol	ND		22000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		4200	10
86-73-7	Fluorene	1900		1300	10
84-66-2	Diethyl phthalate	ND		1300	10
100-01-6	4-Nitroaniline	ND		22000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		22000	10
7005-72-3	4-Chlorophenyl phenylether	ND		1300	10
156-10-5	N-Nitrosodiphenylamine	ND		2600	10
103-33-3	Azobenzene	ND		2600	10
101-55-3	4-Bromophenyl phenylether	ND		2600	10
118-74-1	Hexachlorobenzene	ND		2600	10
87-86-5	Pentachlorophenol	ND		44000	10
85-01-8	Phenanthrene	12000		1300	10
120-12-7	Anthracene	4800		1300	10
86-74-8	Carbazole	ND		4200	10
84-74-2	Di-n-butyl phthalate	ND		1300	10
206-44-0	Fluoranthene	8200		1300	10
129-00-0	Pyrene	12000		1300	10
85-68-7	Butyl benzyl phthalate	ND		1300	10
56-55-3	Benz(a)anthracene	5000		1300	10
218-01-9	Chrysene	5000		1300	10
117-81-7	Bis(2-ethylhexyl)phthalate	ND		2600	10
117-84-0	Di-n-octyl phthalate	ND		2600	10
205-99-2	Benzo(b)fluoranthene	1900	T	2600	10
207-08-9	Benzo(k)fluoranthene	3200		2600	10
50-32-8	Benzo(a)pyrene	4600		2600	10
193-39-5	Indeno(1,2,3-cd)pyrene	1200	T	2600	10
53-70-3	Dibenz(a,h)anthracene	ND		2600	10
191-24-2	Benzo(g,h,i)perylene	1200	T	2600	10

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

Reporting limits elevated due to matrix interference.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-14OS

Date Collected:	5/30/2000	Test Code:	SPCB
Date Extracted:	6/6/2000 by tm-1181	Test Name:	PCB - Sediment
Date Analyzed:	6/9/2000 by TAITS	Sample ID:	FS04-30-B
Total Solids:	78%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		130	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		130	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		130	1.0
53469-21-9	Aroclor 1242 (PCB)	ND		130	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		130	1.0
11097-69-1	Aroclor 1254 (PCB)	ND		130	1.0
11096-82-5	Aroclor 1260 (PCB)	ND		130	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		130	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		130	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-15OS

Date Collected:	5/30/2000	Test Code:	SBNA
Date Extracted:	6/7/2000 by tm-1182	Test Name:	BNA - Sediment
Date Analyzed:	6/12/2000 by GRINWISS	Sample ID:	FS05-00-30
Total Solids:	82%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		400	1
108-95-2	Phenol	ND		400	1
111-44-4	Bis(2-chloroethyl)ether	ND		120	1
95-57-8	2-Chlorophenol	ND		400	1
541-73-1	1,3-Dichlorobenzene	ND		120	1
106-46-7	1,4-Dichlorobenzene	ND		120	1
95-50-1	1,2-Dichlorobenzene	ND		120	1
95-48-7	2-Methylphenol (o-cresol)	ND		400	1
108-60-1	Bis(2-chloroisopropyl)ether	ND		120	1
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		800	1
621-64-7	N-Nitrosodi-n-propylamine	ND		240	1
67-72-1	Hexachloroethane	ND		120	1
98-95-3	Nitrobenzene	ND		240	1
78-59-1	Isophorone	ND		120	1
88-75-5	2-Nitrophenol	ND		400	1
105-67-9	2,4-Dimethylphenol	ND		400	1
111-91-1	Bis(2-chloroethoxy)methane	ND		240	1
120-83-2	2,4-Dichlorophenol	ND		400	1
120-82-1	1,2,4-Trichlorobenzene	ND		240	1
91-20-3	Naphthalene	ND		120	1
87-68-3	Hexachlorobutadiene	ND		240	1
59-50-7	4-Chloro-3-methylphenol	ND		400	1
91-57-6	2-Methylnaphthalene	ND		300	1
77-47-4	Hexachlorocyclopentadiene	ND		2400	1
88-06-2	2,4,6-Trichlorophenol	ND		400	1
95-95-4	2,4,5-Trichlorophenol	ND		400	1
91-58-7	2-Chloronaphthalene	ND		240	1
88-74-4	2-Nitroaniline	ND		2100	1
208-96-8	Acenaphthylene	ND		120	1
131-11-3	Dimethyl phthalate	ND		240	1
606-20-2	2,6-Dinitrotoluene	ND		400	1
99-09-2	3-Nitroaniline	ND		2100	1
83-32-9	Acenaphthene	ND		120	1
51-28-5	2,4-Dinitrophenol	ND		2100	1
132-64-9	Dibenzofuran	ND		400	1
100-02-7	4-Nitrophenol	ND		2100	1

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		400	1
86-73-7	Fluorene	ND		120	1
84-66-2	Diethyl phthalate	ND		120	1
100-01-6	4-Nitroaniline	ND		2100	1
534-52-1	2-Methyl-4,6-dinitrophenol	ND		2100	1
7005-72-3	4-Chlorophenyl phenylether	ND		120	1
156-10-5	N-Nitrosodiphenylamine	ND		240	1
103-33-3	Azobenzene	ND		240	1
101-55-3	4-Bromophenyl phenylether	ND		240	1
118-74-1	Hexachlorobenzene	ND		240	1
87-86-5	Pentachlorophenol	ND		4100	1
85-01-8	Phenanthrene	160		120	1
120-12-7	Anthracene	ND		120	1
86-74-8	Carbazole	ND		400	1
84-74-2	Di-n-butyl phthalate	ND		120	1
206-44-0	Fluoranthene	110	T	120	1
129-00-0	Pyrene	110	T	120	1
85-68-7	Butyl benzyl phthalate	ND		120	1
56-55-3	Benz(a)anthracene	ND		120	1
218-01-9	Chrysene	ND		120	1
117-81-7	Bis(2-ethylhexyl)phthalate	ND		240	1
117-84-0	Di-n-octyl phthalate	ND		240	1
205-99-2	Benzo(b)fluoranthene	ND		240	1
207-08-9	Benzo(k)fluoranthene	ND		240	1
50-32-8	Benzo(a)pyrene	ND		240	1
193-39-5	Indeno(1,2,3-cd)pyrene	ND		240	1
53-70-3	Dibenz(a,h)anthracene	ND		240	1
191-24-2	Benzo(g,h,i)perylene	ND		240	1

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-15OS

Date Collected:	5/30/2000	Test Code:	SPCB
Date Extracted:	6/6/2000 by tm-1181	Test Name:	PCB - Sediment
Date Analyzed:	6/9/2000 by TAITS	Sample ID:	FS05-00-30
Total Solids:	82%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		120	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		120	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		120	1.0
53469-21-9	Aroclor 1242 (PCB)	ND		120	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		120	1.0
11097-69-1	Aroclor 1254 (PCB)	ND		120	1.0
11096-82-5	Aroclor 1260 (PCB)	ND		120	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		120	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		120	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-16OS

Date Collected:	5/30/2000	Test Code:	SBNA
Date Extracted:	6/7/2000 by tm-1182	Test Name:	BNA - Sediment
Date Analyzed:	6/12/2000 by GRINWISS	Sample ID:	FS05-00-30DUP
Total Solids:	83%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		400	1
108-95-2	Phenol	ND		400	1
111-44-4	Bis(2-chloroethyl)ether	ND		120	1
95-57-8	2-Chlorophenol	ND		400	1
541-73-1	1,3-Dichlorobenzene	ND		120	1
106-46-7	1,4-Dichlorobenzene	ND		120	1
95-50-1	1,2-Dichlorobenzene	ND		120	1
95-48-7	2-Methylphenol (o-cresol)	ND		400	1
108-60-1	Bis(2-chloroisopropyl)ether	ND		120	1
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		800	1
621-64-7	N-Nitrosodi-n-propylamine	ND		240	1
67-72-1	Hexachloroethane	ND		120	1
98-95-3	Nitrobenzene	ND		240	1
78-59-1	Isophorone	ND		120	1
88-75-5	2-Nitrophenol	ND		400	1
105-67-9	2,4-Dimethylphenol	ND		400	1
111-91-1	Bis(2-chloroethoxy)methane	ND		240	1
120-83-2	2,4-Dichlorophenol	ND		400	1
120-82-1	1,2,4-Trichlorobenzene	ND		240	1
91-20-3	Naphthalene	ND		120	1
87-68-3	Hexachlorobutadiene	ND		240	1
59-50-7	4-Chloro-3-methylphenol	ND		400	1
91-57-6	2-Methylnaphthalene	ND		300	1
77-47-4	Hexachlorocyclopentadiene	ND		2400	1
88-06-2	2,4,6-Trichlorophenol	ND		400	1
95-95-4	2,4,5-Trichlorophenol	ND		400	1
91-58-7	2-Chloronaphthalene	ND		240	1
88-74-4	2-Nitroaniline	ND		2000	1
208-96-8	Acenaphthylene	ND		120	1
131-11-3	Dimethyl phthalate	ND		240	1
606-20-2	2,6-Dinitrotoluene	ND		400	1
99-09-2	3-Nitroaniline	ND		2000	1
83-32-9	Acenaphthene	ND		120	1
51-28-5	2,4-Dinitrophenol	ND		2000	1
132-64-9	Dibenzofuran	ND		400	1
100-02-7	4-Nitrophenol	ND		2000	1

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		400	1
86-73-7	Fluorene	ND		120	1
84-66-2	Diethyl phthalate	ND		120	1
100-01-6	4-Nitroaniline	ND		2000	1
534-52-1	2-Methyl-4,6-dinitrophenol	ND		2000	1
7005-72-3	4-Chlorophenyl phenylether	ND		120	1
156-10-5	N-Nitrosodiphenylamine	ND		240	1
103-33-3	Azobenzene	ND		240	1
101-55-3	4-Bromophenyl phenylether	ND		240	1
118-74-1	Hexachlorobenzene	ND		240	1
87-86-5	Pentachlorophenol	ND		4100	1
85-01-8	Phenanthrene	110	T	120	1
120-12-7	Anthracene	ND		120	1
86-74-8	Carbazole	ND		400	1
84-74-2	Di-n-butyl phthalate	ND		120	1
206-44-0	Fluoranthene	ND		120	1
129-00-0	Pyrene	ND		120	1
85-68-7	Butyl benzyl phthalate	ND		120	1
56-55-3	Benz(a)anthracene	ND		120	1
218-01-9	Chrysene	ND		120	1
117-81-7	Bis(2-ethylhexyl)phthalate	ND		240	1
117-84-0	Di-n-octyl phthalate	ND		240	1
205-99-2	Benzo(b)fluoranthene	ND		240	1
207-08-9	Benzo(k)fluoranthene	ND		240	1
50-32-8	Benzo(a)pyrene	ND		240	1
193-39-5	Indeno(1,2,3-cd)pyrene	ND		240	1
53-70-3	Dibenz(a,h)anthracene	ND		240	1
191-24-2	Benzo(g,h,i)perylene	ND		240	1

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-16OS

Date Collected:	5/30/2000	Test Code:	SPCB
Date Extracted:	6/6/2000 by tm-1181	Test Name:	PCB - Sediment
Date Analyzed:	6/9/2000 by TAITS	Sample ID:	FS05-00-30DUP
Total Solids:	83%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		120	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		120	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		120	1.0
53469-21-9	Aroclor 1242 (PCB)	ND		120	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		120	1.0
11097-69-1	Aroclor 1254 (PCB)	ND		120	1.0
11096-82-5	Aroclor 1260 (PCB)	ND		120	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		120	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		120	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-17OS

Date Collected:	5/30/2000	Test Code:	SBNA
Date Extracted:	6/7/2000 by tm-1182	Test Name:	BNA - Sediment
Date Analyzed:	6/12/2000 by GRINWISS	Sample ID:	FS05-30-B
Total Solids:	82%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		400	1
108-95-2	Phenol	ND		400	1
111-44-4	Bis(2-chloroethyl)ether	ND		120	1
95-57-8	2-Chlorophenol	ND		400	1
541-73-1	1,3-Dichlorobenzene	ND		120	1
106-46-7	1,4-Dichlorobenzene	ND		120	1
95-50-1	1,2-Dichlorobenzene	ND		120	1
95-48-7	2-Methylphenol (o-cresol)	ND		400	1
108-60-1	Bis(2-chloroisopropyl)ether	ND		120	1
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		800	1
621-64-7	N-Nitrosodi-n-propylamine	ND		240	1
67-72-1	Hexachloroethane	ND		120	1
98-95-3	Nitrobenzene	ND		240	1
78-59-1	Isophorone	ND		120	1
88-75-5	2-Nitrophenol	ND		400	1
105-67-9	2,4-Dimethylphenol	ND		400	1
111-91-1	Bis(2-chloroethoxy)methane	ND		240	1
120-83-2	2,4-Dichlorophenol	ND		400	1
120-82-1	1,2,4-Trichlorobenzene	ND		240	1
91-20-3	Naphthalene	ND		120	1
87-68-3	Hexachlorobutadiene	ND		240	1
59-50-7	4-Chloro-3-methylphenol	ND		400	1
91-57-6	2-Methylnaphthalene	ND		300	1
77-47-4	Hexachlorocyclopentadiene	ND		2400	1
88-06-2	2,4,6-Trichlorophenol	ND		400	1
95-95-4	2,4,5-Trichlorophenol	ND		400	1
91-58-7	2-Chloronaphthalene	ND		240	1
88-74-4	2-Nitroaniline	ND		2100	1
208-96-8	Acenaphthylene	ND		120	1
131-11-3	Dimethyl phthalate	ND		240	1
606-20-2	2,6-Dinitrotoluene	ND		400	1
99-09-2	3-Nitroaniline	ND		2100	1
83-32-9	Acenaphthene	ND		120	1
51-28-5	2,4-Dinitrophenol	ND		2100	1
132-64-9	Dibenzofuran	ND		400	1
100-02-7	4-Nitrophenol	ND		2100	1

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		400	1
86-73-7	Fluorene	ND		120	1
84-66-2	Diethyl phthalate	ND		120	1
100-01-6	4-Nitroaniline	ND		2100	1
534-52-1	2-Methyl-4,6-dinitrophenol	ND		2100	1
7005-72-3	4-Chlorophenyl phenylether	ND		120	1
156-10-5	N-Nitrosodiphenylamine	ND		240	1
103-33-3	Azobenzene	ND		240	1
101-55-3	4-Bromophenyl phenylether	ND		240	1
118-74-1	Hexachlorobenzene	ND		240	1
87-86-5	Pentachlorophenol	ND		4100	1
85-01-8	Phenanthrene	140		120	1
120-12-7	Anthracene	ND		120	1
86-74-8	Carbazole	ND		400	1
84-74-2	Di-n-butyl phthalate	ND		120	1
206-44-0	Fluoranthene	ND		120	1
129-00-0	Pyrene	ND		120	1
85-68-7	Butyl benzyl phthalate	ND		120	1
56-55-3	Benz(a)anthracene	ND		120	1
218-01-9	Chrysene	ND		120	1
117-81-7	Bis(2-ethylhexyl)phthalate	ND		240	1
117-84-0	Di-n-octyl phthalate	ND		240	1
205-99-2	Benzo(b)fluoranthene	ND		240	1
207-08-9	Benzo(k)fluoranthene	ND		240	1
50-32-8	Benzo(a)pyrene	ND		240	1
193-39-5	Indeno(1,2,3-cd)pyrene	ND		240	1
53-70-3	Dibenz(a,h)anthracene	ND		240	1
191-24-2	Benzo(g,h,i)perylene	ND		240	1

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-17OS

Date Collected:	5/30/2000	Test Code:	SPCB
Date Extracted:	6/6/2000 by tm-1181	Test Name:	PCB - Sediment
Date Analyzed:	6/9/2000 by TAITS	Sample ID:	FS05-30-B
Total Solids:	82%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		120	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		120	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		120	1.0
53469-21-9	Aroclor 1242 (PCB)	ND		120	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		120	1.0
11097-69-1	Aroclor 1254 (PCB)	ND		120	1.0
11096-82-5	Aroclor 1260 (PCB)	ND		120	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		120	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		120	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

DEQ

MICHIGAN DEPT. OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL LABORATORY
ANALYSIS REQUEST SHEET

LAB ORDER # 00-06-029

MATRIX=SEDIMENT/SOIL/SOLIDS

SUBMITTER DIVISION	DISTRICT OR OFFICE	MDEQ PROJECT MANAGER & PHONE	ACCEPT HT CODES? YES / NO
SWQ	GLEAS	M. Oemke 335-4206	

LOCATION SAMPLED / SITE ID NUMBER: TRENTON CHANNEL-DETROIT R.

INDEX | PCA | PROJECT | PH

COLLECTED BY: M. Oem

PHONE: (5) 4206

ADDITIONAL REPORT TO ATTENTION OF

AT (ADDRESS) (If different than above office)

OVERFLOW CONTRACT LAB (Required for ERD)

****** SAFETY INFORMATION REQUIRED ******
SEE BACK OF FORM

LAB USE ONLY	SAMPLE IDENTIFICATION	SAMPLE COLLECTED DATE	TIME	COMMENTS
1	RV08-00-30	5/31		Surf 30 cm
2	-30-90	"		30-90 cm
3	-90-150	"		90-150 cm
4	-150-B	"		150-Bottom
5	RV11-00-30	"		Surface -30 cm
6	-30-90	"		30-90 cm
7	-90-150	"		90-150 cm
8	-150-B	"		150-Bottom
9	RV12-00-30	"		Surf-30 cm
10	RV12-30-90	5/31		30-90 cm

ORGANIC

VOA VOLATILES (MeOH/8260)

Full List	1 2 3 4 5 6 7 8 9 10
BTEX/MTBE only	1 2 3 4 5 6 7 8 9 10

OS PESTICIDES/PCBS (8081/8082)

Pesticides & PCBs	1 2 3 4 5 6 7 8 9 10
Pesticides only	1 2 3 4 5 6 7 8 9 10
PCBs only	1 2 3 4 5 6 7 8 9 10

BNA BASE NEUTRAL & ACIDS (8270)

BNAs	1 2 3 4 5 6 7 8 9 10
PNAs only	1 2 3 4 5 6 7 8 9 10
BNs only	1 2 3 4 5 6 7 8 9 10

SPECIAL REQUESTS

Library Search (Qualitative)

Volatiles	1 2 3 4 5 6 7 8 9 10
Semivolatiles	1 2 3 4 5 6 7 8 9 10
Other _____	1 2 3 4 5 6 7 8 9 10

GENERAL CHEMISTRY

GS

COD	1 2 3 4 5 6 7 8 9 10
KJEL N, Tot. P	1 2 3 4 5 6 7 8 9 10
Phenolics	1 2 3 4 5 6 7 8 9 10
Total CN	1 2 3 4 5 6 7 8 9 10
_____	1 2 3 4 5 6 7 8 9 10
_____	1 2 3 4 5 6 7 8 9 10
_____	1 2 3 4 5 6 7 8 9 10

INORGANIC

MS

MICH TEN METALS (As, Ba, Cd, Cr, Cu, Pb, Hg, Se, Ag, Zn)	1 2 3 4 5 6 7 8 9 10
Fe Co Li Mn	1 2 3 4 5 6 7 8 9 10
Al Be Mo Ti V	1 2 3 4 5 6 7 8 9 10
Sr - Strontium	1 2 3 4 5 6 7 8 9 10
Ni - Nickel	1 2 3 4 5 6 7 8 9 10
Tl - Thallium	1 2 3 4 5 6 7 8 9 10
Ca Mg Na K	1 2 3 4 5 6 7 8 9 10
% Total Solids	1 2 3 4 5 6 7 8 9 10
_____	1 2 3 4 5 6 7 8 9 10
_____	1 2 3 4 5 6 7 8 9 10
_____	1 2 3 4 5 6 7 8 9 10

Chain-of-Custody	BOTTLE / TESTS	RELEASED BY / AFFILIATION	RECEIVED BY / AFFILIATION	DATE & TIME
		1) Mark P Oemke DEQ	D Hartig	6-2 00
		2)		

2

DEQ

MICHIGAN DEPT. OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL LABORATORY
ANALYSIS REQUEST SHEET

LAB ORDER # 06-06-029

MATRIX=SEDIMENT/SOIL/SOLIDS

SUBMITTER DIVISION-	DISTRICT OR OFFICE	MDEQ PROJECT MANAGER & PHONE	ACCEPT-RT CODES? YES/NO
SWQ	Glead	M. Oemke 5-4206	

LOCATION SAMPLED / SITE ID NUMBER	INDEX	PCA	PROJECT	PH
Trenton - Det. River				

COLLECTED BY	PHONE	ADDITIONAL REPORT
M. Oemke	( ) 5-4206	TO ATTENTION OF
OVERFLOW CONTRACT LAB (Required for ERD)		AT (ADDRESS) (If different than above office)

****** SAFETY INFORMATION REQUIRED ******
SEE BACK OF FORM

LAB USE ONLY	SAMPLE IDENTIFICATION	SAMPLE COLLECTED DATE	TIME	COMMENTS
1	RV12-90-B	5/31		90 cm - Bottom
2				
3				
4				
5				
6				
7				
8				
9				
10				

ORGANIC

VOA VOLATILES (MeOH/8260)

Full List	(1) 2 3 4 5 6 7 8 9 10
BTEX/MTBE only	1 2 3 4 5 6 7 8 9 10

OS PESTICIDES/PCBS (8081/8082)

Pesticides & PCBs	(1) 2 3 4 5 6 7 8 9 10
Pesticides only	1 2 3 4 5 6 7 8 9 10
PCBs only	1 2 3 4 5 6 7 8 9 10

BNA BASE NEUTRAL & ACIDS (8270)

BNAs	(1) 2 3 4 5 6 7 8 9 10
PNAs only	1 2 3 4 5 6 7 8 9 10
BNs only	1 2 3 4 5 6 7 8 9 10

SPECIAL REQUESTS

Library Search (Qualitative)

Volatiles	1 2 3 4 5 6 7 8 9 10
Semivolatiles	1 2 3 4 5 6 7 8 9 10

Other

_____	1 2 3 4 5 6 7 8 9 10

GENERAL CHEMISTRY

GS

COD	1 2 3 4 5 6 7 8 9 10
KJEL N, Tot. P	1 2 3 4 5 6 7 8 9 10
Phenolics	1 2 3 4 5 6 7 8 9 10
Total CN	1 2 3 4 5 6 7 8 9 10
_____	1 2 3 4 5 6 7 8 9 10
_____	1 2 3 4 5 6 7 8 9 10
_____	1 2 3 4 5 6 7 8 9 10

INORGANIC

MS

MICH TEN METALS (As, Ba, Cd, Cr, Cu, Pb, Hg, Se, Ag, Zn)	(1) 2 3 4 5 6 7 8 9 10
Fe Co Li Mn	1 2 3 4 5 6 7 8 9 10
Al Be Mo Ti V	1 2 3 4 5 6 7 8 9 10
Sr - Strontium	1 2 3 4 5 6 7 8 9 10
Ni - Nickel	1 2 3 4 5 6 7 8 9 10
Tl - Thallium	1 2 3 4 5 6 7 8 9 10
Ca Mg Na K	1 2 3 4 5 6 7 8 9 10
% Total Solids	1 2 3 4 5 6 7 8 9 10
_____	1 2 3 4 5 6 7 8 9 10
_____	1 2 3 4 5 6 7 8 9 10
_____	1 2 3 4 5 6 7 8 9 10

Chain-of-Custody	BOTTLE / TESTS	RELEASED BY / AFFILIATION	RECEIVED BY / AFFILIATION	DATE & TIME
		1) M. Oemke DEQ	D. Hartig	6-2-06
		2)		

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY	PROCEDURE	NO: PD-13/Ver. 2
	LABORATORY SERVICES SECTION	DATE REV.:12/99

SUBJECT: Laboratory Result Remark Codes

EFFECTIVE DATE: December1999

A	value reported is the mean of two or more determinations.
C	value calculated from other independent parameters.
J	estimated value or value not accurate.
K	actual value is known to be less than the value given, i.e., substance, if present, is below detection limit.
L	actual value is known to be greater than the value given.
T	value reported is less than criteria of detection.
W	value observed is less than lowest value reportable under "T" code.
DL	sample analyzed using a dilution(s).
DM	dilution required due to matrix problems.
HT	recommended laboratory holding time was exceeded before analysis.
LH	QC indicated possible low recovery. Actual level may be higher.
LL	QC indicated possible high recovery. Actual level may be lower.
MM	analytical method or matrix is not within SOP of this laboratory.
NC	no confirmation by a second technique.
NH	non-homogeneous sample made analysis of a representative sample questionable.
PI	possible interference may have affected the accuracy of the laboratory result.
QC	quality control problems exist.
RB	reagent blank. The level of reagent blank contamination is reported in the comment column and may be subtracted from the analyte value by the user.
ST	recommended sample collection/preservation technique not used.
ACC	laboratory accident resulted in no obtainable value.
FCN	free cyanide was not analyzed due to low level of total cyanide.
INT	interference encountered during analysis resulted in no obtainable value.
IST	improper sample collection/preservation. Sample not suitable for analysis.
NAV	requested analysis not available.
QNS	quantity not sufficient to perform requested analysis.
STR	settleable residue was not analyzed due to low suspended solids.

Approved by:

Bob H. Avery 11/30/99

Bob Avery, Laboratory Direc Date

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL LABORATORY (517) 335-9800

P.O. Box 30270
Lansing, MI 48909

Report To: Surface Water Quality Div.
Knapps Building
Lansing, MI 48909

Attn: M.OEMKE
Total: $9,023.85

Lab Work Order # 0006029
Work Site ID: TRENTON CHANNEL-DETROIT R.
Matrix: Sediment\Soil
Received: 6/2/2000 **Reported:** 7/20/2000
Client: SW_GLEAS **Number of Samples:** 11

TEST UNITS	RV08-00-30	RV08-30-90	RV08-90-150	RV08-150-B
Arsenic in Sediment mg/kg (dry)	9.0	10	13	13
Barium in Sediment mg/kg (dry)	118	140	247	370
Cadmium in Sediment mg/kg (dry)	26	36	18	22
Chromium in Sediment mg/kg (dry)	74	124	278	700
Copper in Sediment mg/kg (dry)	94	120	180	290
Lead in Sediment mg/kg (dry)	175	170	310	399
Mercury in Sediment mg/kg (dry)	3.5	1.8	212	3.4
Selenium in Sediment mg/kg (dry)	0.9	1.1	1.2	1.1
Silver in Sediment mg/kg (dry)	2.6	2.9	4.6	7.9
Solids - Total - Inorganic %TS	47.0	48.0	51.0	50.3
Zinc in Sediment mg/kg (dry)	409	540	775	1200

TEST UNITS	RV11-00-30	RV11-30-90	RV11-90-150	RV11-150-B
Arsenic in Sediment mg/kg (dry)	10	13	13	14
Barium in Sediment mg/kg (dry)	249	355	320	237
Cadmium in Sediment mg/kg (dry)	13	22	20	16
Chromium in Sediment mg/kg (dry)	329	630	466	347
Copper in Sediment mg/kg (dry)	183	250	230	189

RECEIVED
SWQD - GLEAS
JUL 24 2000

TEST UNITS	RV11-00-30	RV11-30-90	RV11-90-150	RV11-150-B
Lead in Sediment mg/kg (dry)	265	370	410	350
Mercury in Sediment mg/kg (dry)	1.3	4.1	4.3	25
Selenium in Sediment mg/kg (dry)	0.9	1.0	1.0	1.0
Silver in Sediment mg/kg (dry)	4.5	6.9	6.4	4.2
Solids - Total - Inorganic %TS	44.5	46.3	48.0	50.1
Zinc in Sediment mg/kg (dry)	710	1100	1040	980

TEST UNITS	RV12-00-30	RV12-30-90	RV12-90-B	
Arsenic in Sediment mg/kg (dry)	12	12	11	
Barium in Sediment mg/kg (dry)	166	207	252	
Cadmium in Sediment mg/kg (dry)	14	11	11	
Chromium in Sediment mg/kg (dry)	220	277	302	
Copper in Sediment mg/kg (dry)	153	160	172	
Lead in Sediment mg/kg (dry)	290	270	258	
Mercury in Sediment mg/kg (dry)	24	19	6.8	
Selenium in Sediment mg/kg (dry)	0.9	0.8	0.9	
Silver in Sediment mg/kg (dry)	3.8	4.1	4.2	
Solids - Total - Inorganic %TS	45.1	50.7	51.8	
Zinc in Sediment mg/kg (dry)	810	750	660	

Many samples have low levels of DDD.

This is an original report: D Harting Date: _____

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006029-01OS

Date Collected:	5/31/2000	Test Code:	SBNA
Date Extracted:	6/9/2000 by tm-1184	Test Name:	BNA - Sediment
Date Analyzed:	6/15/2000 by GRINWISS	Sample ID:	RV08-00-30
Total Solids:	48%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		690	1
108-95-2	Phenol	ND		690	1
111-44-4	Bis(2-chloroethyl)ether	ND		210	1
95-57-8	2-Chlorophenol	ND		690	1
541-73-1	1,3-Dichlorobenzene	ND		210	1
106-46-7	1,4-Dichlorobenzene	ND		210	1
95-50-1	1,2-Dichlorobenzene	ND		210	1
95-48-7	2-Methylphenol (o-cresol)	ND		690	1
108-60-1	Bis(2-chloroisopropyl)ether	ND		210	1
108394,106445	3/4-Methylphenol (m/p-cresol)	710	T	1400	1
621-64-7	N-Nitrosodi-n-propylamine	ND		420	1
67-72-1	Hexachloroethane	ND		210	1
98-95-3	Nitrobenzene	ND		420	1
78-59-1	Isophorone	ND		210	1
88-75-5	2-Nitrophenol	ND		690	1
105-67-9	2,4-Dimethylphenol	ND		690	1
111-91-1	Bis(2-chloroethoxy)methane	ND		420	1
120-83-2	2,4-Dichlorophenol	ND		690	1
120-82-1	1,2,4-Trichlorobenzene	ND		420	1
91-20-3	Naphthalene	210		210	1
87-68-3	Hexachlorobutadiene	ND		420	1
59-50-7	4-Chloro-3-methylphenol	ND		690	1
91-57-6	2-Methylnaphthalene	ND		520	1
77-47-4	Hexachlorocyclopentadiene	ND		4200	1
88-06-2	2,4,6-Trichlorophenol	ND		690	1
95-95-4	2,4,5-Trichlorophenol	ND		690	1
91-58-7	2-Chloronaphthalene	ND		420	1
88-74-4	2-Nitroaniline	ND		3500	1
208-96-8	Acenaphthylene	ND		210	1
131-11-3	Dimethyl phthalate	ND		420	1
606-20-2	2,6-Dinitrotoluene	ND		690	1
99-09-2	3-Nitroaniline	ND		3500	1
83-32-9	Acenaphthene	ND		210	1
51-28-5	2,4-Dinitrophenol	ND		3500	1
132-64-9	Dibenzofuran	ND		690	1
100-02-7	4-Nitrophenol	ND		3500	1

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		690	1
86-73-7	Fluorene	ND		210	1
84-66-2	Diethyl phthalate	ND		210	1
100-01-6	4-Nitroaniline	ND		3500	1
534-52-1	2-Methyl-4,6-dinitrophenol	ND		3500	1
7005-72-3	4-Chlorophenyl phenylether	ND		210	1
156-10-5	N-Nitrosodiphenylamine	ND		420	1
103-33-3	Azobenzene	ND		420	1
101-55-3	4-Bromophenyl phenylether	ND		420	1
118-74-1	Hexachlorobenzene	ND		420	1
87-86-5	Pentachlorophenol	ND		7100	1
85-01-8	Phenanthrene	480		210	1
120-12-7	Anthracene	160	T	210	1
86-74-8	Carbazole	ND		690	1
84-74-2	Di-n-butyl phthalate	ND		210	1
206-44-0	Fluoranthene	840		210	1
129-00-0	Pyrene	660		210	1
85-68-7	Butyl benzyl phthalate	ND		210	1
56-55-3	Benz(a)anthracene	420		210	1
218-01-9	Chrysene	470		210	1
117-81-7	Bis(2-ethylhexyl)phthalate	1500		420	1
117-84-0	Di-n-octyl phthalate	ND		420	1
205-99-2	Benzo(b)fluoranthene	390	T	420	1
207-08-9	Benzo(k)fluoranthene	330	T	420	1
50-32-8	Benzo(a)pyrene	490		420	1
193-39-5	Indeno(1,2,3-cd)pyrene	ND		420	1
53-70-3	Dibenz(a,h)anthracene	ND		420	1
191-24-2	Benzo(g,h,i)perylene	ND		420	1

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006029-01OS

Date Collected:	5/31/2000	Test Code:	SPCB
Date Extracted:	6/8/2000 by tm-1183	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	RV08-00-30
Total Solids:	48%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		210	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		210	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		210	1.0
53469-21-9	Aroclor 1242 (PCB)	ND		210	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		210	1.0
11097-69-1	Aroclor 1254 (PCB)	460		210	1.0
11096-82-5	Aroclor 1260 (PCB)	ND		210	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		210	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		210	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006029-02OS

Date Collected:	5/31/2000	Test Code:	SBNA
Date Extracted:	6/9/2000 by tm-1184	Test Name:	BNA - Sediment
Date Analyzed:	6/15/2000 by GRINWISS	Sample ID:	RV08-30-90
Total Solids:	48%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		690	1
108-95-2	Phenol	ND		690	1
111-44-4	Bis(2-chloroethyl)ether	ND		210	1
95-57-8	2-Chlorophenol	ND		690	1
541-73-1	1,3-Dichlorobenzene	ND		210	1
106-46-7	1,4-Dichlorobenzene	ND		210	1
95-50-1	1,2-Dichlorobenzene	ND		210	1
95-48-7	2-Methylphenol (o-cresol)	ND		690	1
108-60-1	Bis(2-chloroisopropyl)ether	ND		210	1
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		1400	1
621-64-7	N-Nitrosodi-n-propylamine	ND		420	1
67-72-1	Hexachloroethane	ND		210	1
98-95-3	Nitrobenzene	ND		420	1
78-59-1	Isophorone	ND		210	1
88-75-5	2-Nitrophenol	ND		690	1
105-67-9	2,4-Dimethylphenol	ND		690	1
111-91-1	Bis(2-chloroethoxy)methane	ND		420	1
120-83-2	2,4-Dichlorophenol	ND		690	1
120-82-1	1,2,4-Trichlorobenzene	ND		420	1
91-20-3	Naphthalene	240		210	1
87-68-3	Hexachlorobutadiene	ND		420	1
59-50-7	4-Chloro-3-methylphenol	ND		690	1
91-57-6	2-Methylnaphthalene	ND		520	1
77-47-4	Hexachlorocyclopentadiene	ND		4200	1
88-06-2	2,4,6-Trichlorophenol	ND		690	1
95-95-4	2,4,5-Trichlorophenol	ND		690	1
91-58-7	2-Chloronaphthalene	ND		420	1
88-74-4	2-Nitroaniline	ND		3500	1
208-96-8	Acenaphthylene	ND		210	1
131-11-3	Dimethyl phthalate	ND		420	1
606-20-2	2,6-Dinitrotoluene	ND		690	1
99-09-2	3-Nitroaniline	ND		3500	1
83-32-9	Acenaphthene	ND		210	1
51-28-5	2,4-Dinitrophenol	ND		3500	1
132-64-9	Dibenzofuran	ND		690	1
100-02-7	4-Nitrophenol	ND		3500	1

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		690	1
86-73-7	Fluorene	ND		210	1
84-66-2	Diethyl phthalate	ND		210	1
100-01-6	4-Nitroaniline	ND		3500	1
534-52-1	2-Methyl-4,6-dinitrophenol	ND		3500	1
7005-72-3	4-Chlorophenyl phenylether	ND		210	1
156-10-5	N-Nitrosodiphenylamine	ND		420	1
103-33-3	Azobenzene	ND		420	1
101-55-3	4-Bromophenyl phenylether	ND		420	1
118-74-1	Hexachlorobenzene	ND		420	1
87-86-5	Pentachlorophenol	ND		7100	1
85-01-8	Phenanthrene	550		210	1
120-12-7	Anthracene	160	T	210	1
86-74-8	Carbazole	ND		690	1
84-74-2	Di-n-butyl phthalate	ND		210	1
206-44-0	Fluoranthene	820		210	1
129-00-0	Pyrene	620		210	1
85-68-7	Butyl benzyl phthalate	ND		210	1
56-55-3	Benz(a)anthracene	340		210	1
218-01-9	Chrysene	410		210	1
117-81-7	Bis(2-ethylhexyl)phthalate	1600		420	1
117-84-0	Di-n-octyl phthalate	ND		420	1
205-99-2	Benzo(b)fluoranthene	ND		420	1
207-08-9	Benzo(k)fluoranthene	ND		420	1
50-32-8	Benzo(a)pyrene	ND		420	1
193-39-5	Indeno(1,2,3-cd)pyrene	ND		420	1
53-70-3	Dibenz(a,h)anthracene	ND		420	1
191-24-2	Benzo(g,h,i)perylene	ND		420	1

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006029-02OS

Date Collected:	5/31/2000	Test Code:	SPCB
Date Extracted:	6/8/2000 by tm-1183	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	RV08-30-90
Total Solids:	48%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		210	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		210	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		210	1.0
53469-21-9	Aroclor 1242 (PCB)	ND		210	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		210	1.0
11097-69-1	Aroclor 1254 (PCB)	460		210	1.0
11096-82-5	Aroclor 1260 (PCB)	370		210	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		210	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		210	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006029-03OS

Date Collected:	5/31/2000	Test Code:	SBNA
Date Extracted:	6/9/2000 by tm-1184	Test Name:	BNA - Sediment
Date Analyzed:	6/19/2000 by JRS	Sample ID:	RV08-90-150
Total Solids:	56%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		5900	10
108-95-2	Phenol	ND		5900	10
111-44-4	Bis(2-chloroethyl)ether	ND		1800	10
95-57-8	2-Chlorophenol	ND		5900	10
541-73-1	1,3-Dichlorobenzene	ND		1800	10
106-46-7	1,4-Dichlorobenzene	ND		1800	10
95-50-1	1,2-Dichlorobenzene	ND		1800	10
95-48-7	2-Methylphenol (o-cresol)	ND		5900	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		1800	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		12000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		3600	10
67-72-1	Hexachloroethane	ND		1800	10
98-95-3	Nitrobenzene	ND		3600	10
78-59-1	Isophorone	ND		1800	10
88-75-5	2-Nitrophenol	ND		5900	10
105-67-9	2,4-Dimethylphenol	ND		5900	10
111-91-1	Bis(2-chloroethoxy)methane	ND		3600	10
120-83-2	2,4-Dichlorophenol	ND		5900	10
120-82-1	1,2,4-Trichlorobenzene	ND		3600	10
91-20-3	Naphthalene	ND		1800	10
87-68-3	Hexachlorobutadiene	ND		3600	10
59-50-7	4-Chloro-3-methylphenol	ND		5900	10
91-57-6	2-Methylnaphthalene	ND		4500	10
77-47-4	Hexachlorocyclopentadiene	ND		36000	10
88-06-2	2,4,6-Trichlorophenol	ND		5900	10
95-95-4	2,4,5-Trichlorophenol	ND		5900	10
91-58-7	2-Chloronaphthalene	ND		3600	10
88-74-4	2-Nitroaniline	ND		30000	10
208-96-8	Acenaphthylene	ND		1800	10
131-11-3	Dimethyl phthalate	ND		3600	10
606-20-2	2,6-Dinitrotoluene	ND		5900	10
99-09-2	3-Nitroaniline	ND		30000	10
83-32-9	Acenaphthene	ND		1800	10
51-28-5	2,4-Dinitrophenol	ND		30000	10
132-64-9	Dibenzofuran	ND		5900	10
100-02-7	4-Nitrophenol	ND		30000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		5900	10
86-73-7	Fluorene	ND		1800	10
84-66-2	Diethyl phthalate	ND		1800	10
100-01-6	4-Nitroaniline	ND		30000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		30000	10
7005-72-3	4-Chlorophenyl phenylether	ND		1800	10
156-10-5	N-Nitrosodiphenylamine	ND		3600	10
103-33-3	Azobenzene	ND		3600	10
101-55-3	4-Bromophenyl phenylether	ND		3600	10
118-74-1	Hexachlorobenzene	ND		3600	10
87-86-5	Pentachlorophenol	ND		61000	10
85-01-8	Phenanthrene	1500	T	1800	10
120-12-7	Anthracene	ND		1800	10
86-74-8	Carbazole	ND		5900	10
84-74-2	Di-n-butyl phthalate	ND		1800	10
206-44-0	Fluoranthene	1800		1800	10
129-00-0	Pyrene	1600	T	1800	10
85-68-7	Butyl benzyl phthalate	ND		1800	10
56-55-3	Benz(a)anthracene	ND		1800	10
218-01-9	Chrysene	ND		1800	10
117-81-7	Bis(2-ethylhexyl)phthalate	10000		3600	10
117-84-0	Di-n-octyl phthalate	ND		3600	10
205-99-2	Benzo(b)fluoranthene	ND		3600	10
207-08-9	Benzo(k)fluoranthene	ND		3600	10
50-32-8	Benzo(a)pyrene	ND		3600	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		3600	10
53-70-3	Dibenz(a,h)anthracene	ND		3600	10
191-24-2	Benzo(g,h,i)perylene	ND		3600	10

The elevated reporting limits are due to matrix interferences.

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006029-03OS

Date Collected:	5/31/2000	Test Code:	SPCB
Date Extracted:	6/8/2000 by tm-1183	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	RV08-90-150
Total Solids:	56%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		180	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		180	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		180	1.0
53469-21-9	Aroclor 1242 (PCB)	240		180	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		180	1.0
11097-69-1	Aroclor 1254 (PCB)	ND		180	1.0
11096-82-5	Aroclor 1260 (PCB)	740		180	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		180	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		180	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns
AR 1254 probably present, but could not be quantitated in this sample

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006029-04OS

Date Collected:	5/31/2000	Test Code:	SBNA
Date Extracted:	6/9/2000 by tm-1184	Test Name:	BNA - Sediment
Date Analyzed:	6/20/2000 by JRS	Sample ID:	RV08-150-B
Total Solids:	50%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		6600	10
108-95-2	Phenol	ND		6600	10
111-44-4	Bis(2-chloroethyl)ether	ND		2000	10
95-57-8	2-Chlorophenol	ND		6600	10
541-73-1	1,3-Dichlorobenzene	ND		2000	10
106-46-7	1,4-Dichlorobenzene	ND		2000	10
95-50-1	1,2-Dichlorobenzene	ND		2000	10
95-48-7	2-Methylphenol (o-cresol)	ND		6600	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		2000	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		13000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		4000	10
67-72-1	Hexachloroethane	ND		2000	10
98-95-3	Nitrobenzene	ND		4000	10
78-59-1	Isophorone	ND		2000	10
88-75-5	2-Nitrophenol	ND		6600	10
105-67-9	2,4-Dimethylphenol	ND		6600	10
111-91-1	Bis(2-chloroethoxy)methane	ND		4000	10
120-83-2	2,4-Dichlorophenol	ND		6600	10
120-82-1	1,2,4-Trichlorobenzene	ND		4000	10
91-20-3	Naphthalene	ND		2000	10
87-68-3	Hexachlorobutadiene	ND		4000	10
59-50-7	4-Chloro-3-methylphenol	ND		6600	10
91-57-6	2-Methylnaphthalene	ND		5000	10
77-47-4	Hexachlorocyclopentadiene	ND		40000	10
88-06-2	2,4,6-Trichlorophenol	ND		6600	10
95-95-4	2,4,5-Trichlorophenol	ND		6600	10
91-58-7	2-Chloronaphthalene	ND		4000	10
88-74-4	2-Nitroaniline	ND		34000	10
208-96-8	Acenaphthylene	ND		2000	10
131-11-3	Dimethyl phthalate	ND		4000	10
606-20-2	2,6-Dinitrotoluene	ND		6600	10
99-09-2	3-Nitroaniline	ND		34000	10
83-32-9	Acenaphthene	ND		2000	10
51-28-5	2,4-Dinitrophenol	ND		34000	10
132-64-9	Dibenzofuran	ND		6600	10
100-02-7	4-Nitrophenol	ND		34000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		6600	10
86-73-7	Fluorene	ND		2000	10
84-66-2	Diethyl phthalate	ND		2000	10
100-01-6	4-Nitroaniline	ND		34000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		34000	10
7005-72-3	4-Chlorophenyl phenylether	ND		2000	10
156-10-5	N-Nitrosodiphenylamine	ND		4000	10
103-33-3	Azobenzene	ND		4000	10
101-55-3	4-Bromophenyl phenylether	ND		4000	10
118-74-1	Hexachlorobenzene	ND		4000	10
87-86-5	Pentachlorophenol	ND		68000	10
85-01-8	Phenanthrene	1600	T	2000	10
120-12-7	Anthracene	ND		2000	10
86-74-8	Carbazole	ND		6600	10
84-74-2	Di-n-butyl phthalate	ND		2000	10
206-44-0	Fluoranthene	1900	T	2000	10
129-00-0	Pyrene	1600	T	2000	10
85-68-7	Butyl benzyl phthalate	ND		2000	10
56-55-3	Benz(a)anthracene	ND		2000	10
218-01-9	Chrysene	ND		2000	10
117-81-7	Bis(2-ethylhexyl)phthalate	17000		4000	10
117-84-0	Di-n-octyl phthalate	ND		4000	10
205-99-2	Benzo(b)fluoranthene	ND		4000	10
207-08-9	Benzo(k)fluoranthene	ND		4000	10
50-32-8	Benzo(a)pyrene	ND		4000	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		4000	10
53-70-3	Dibenz(a,h)anthracene	ND		4000	10
191-24-2	Benzo(g,h,i)perylene	ND		4000	10

The elevated reporting limits are due to matrix interferences.

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006029-04OS

Date Collected:	5/31/2000	Test Code:	SPCB
Date Extracted:	6/8/2000 by tm-1183	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	RV08-150-B
Total Solids:	50%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		200	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		200	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		200	1.0
53469-21-9	Aroclor 1242 (PCB)	420		200	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		200	1.0
11097-69-1	Aroclor 1254 (PCB)	ND		200	1.0
11096-82-5	Aroclor 1260 (PCB)	930		200	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		200	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		200	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns
AR 1254 probably present, but could not be quantitated in this sample
LH due to low surrogate recovery

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006029-05OS

Date Collected:	5/31/2000	Test Code:	SBNA
Date Extracted:	6/9/2000 by tm-1184	Test Name:	BNA - Sediment
Date Analyzed:	6/21/2000 by JRS	Sample ID:	RV11-00-30
Total Solids:	44%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		7500	10
108-95-2	Phenol	ND		7500	10
111-44-4	Bis(2-chloroethyl)ether	ND		2300	10
95-57-8	2-Chlorophenol	ND		7500	10
541-73-1	1,3-Dichlorobenzene	ND		2300	10
106-46-7	1,4-Dichlorobenzene	ND		2300	10
95-50-1	1,2-Dichlorobenzene	ND		2300	10
95-48-7	2-Methylphenol (o-cresol)	ND		7500	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		2300	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		15000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		4500	10
67-72-1	Hexachloroethane	ND		2300	10
98-95-3	Nitrobenzene	ND		4500	10
78-59-1	Isophorone	ND		2300	10
88-75-5	2-Nitrophenol	ND		7500	10
105-67-9	2,4-Dimethylphenol	ND		7500	10
111-91-1	Bis(2-chloroethoxy)methane	ND		4500	10
120-83-2	2,4-Dichlorophenol	ND		7500	10
120-82-1	1,2,4-Trichlorobenzene	ND		4500	10
91-20-3	Naphthalene	ND		2300	10
87-68-3	Hexachlorobutadiene	ND		4500	10
59-50-7	4-Chloro-3-methylphenol	ND		7500	10
91-57-6	2-Methylnaphthalene	ND		5700	10
77-47-4	Hexachlorocyclopentadiene	ND		45000	10
88-06-2	2,4,6-Trichlorophenol	ND		7500	10
95-95-4	2,4,5-Trichlorophenol	ND		7500	10
91-58-7	2-Chloronaphthalene	ND		4500	10
88-74-4	2-Nitroaniline	ND		39000	10
208-96-8	Acenaphthylene	ND		2300	10
131-11-3	Dimethyl phthalate	ND		4500	10
606-20-2	2,6-Dinitrotoluene	ND		7500	10
99-09-2	3-Nitroaniline	ND		39000	10
83-32-9	Acenaphthene	ND		2300	10
51-28-5	2,4-Dinitrophenol	ND		39000	10
132-64-9	Dibenzofuran	ND		7500	10
100-02-7	4-Nitrophenol	ND		39000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		7500	10
86-73-7	Fluorene	ND		2300	10
84-66-2	Diethyl phthalate	ND		2300	10
100-01-6	4-Nitroaniline	ND		39000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		39000	10
7005-72-3	4-Chlorophenyl phenylether	ND		2300	10
156-10-5	N-Nitrosodiphenylamine	ND		4500	10
103-33-3	Azobenzene	ND		4500	10
101-55-3	4-Bromophenyl phenylether	ND		4500	10
118-74-1	Hexachlorobenzene	ND		4500	10
87-86-5	Pentachlorophenol	ND		77000	10
85-01-8	Phenanthrene	ND		2300	10
120-12-7	Anthracene	ND		2300	10
86-74-8	Carbazole	ND		7500	10
84-74-2	Di-n-butyl phthalate	ND		2300	10
206-44-0	Fluoranthene	ND		2300	10
129-00-0	Pyrene	ND		2300	10
85-68-7	Butyl benzyl phthalate	ND		2300	10
56-55-3	Benz(a)anthracene	ND		2300	10
218-01-9	Chrysene	ND		2300	10
117-81-7	Bis(2-ethylhexyl)phthalate	7100		4500	10
117-84-0	Di-n-octyl phthalate	ND		4500	10
205-99-2	Benzo(b)fluoranthene	ND		4500	10
207-08-9	Benzo(k)fluoranthene	ND		4500	10
50-32-8	Benzo(a)pyrene	ND		4500	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		4500	10
53-70-3	Dibenz(a,h)anthracene	ND		4500	10
191-24-2	Benzo(g,h,i)perylene	ND		4500	10

The elevated reporting limits are due to matrix interferences.

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006029-05OS

Date Collected:	5/31/2000	Test Code:	SPCB
Date Extracted:	6/8/2000 by tm-1183	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	RV11-00-30
Total Solids:	44%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		230	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		230	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		230	1.0
53469-21-9	Aroclor 1242 (PCB)	300		230	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		230	1.0
11097-69-1	Aroclor 1254 (PCB)	670		230	1.0
11096-82-5	Aroclor 1260 (PCB)	630		230	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		230	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		230	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006029-06OS

Date Collected:	5/31/2000	Test Code:	SBNA
Date Extracted:	6/9/2000 by tm-1184	Test Name:	BNA - Sediment
Date Analyzed:	6/21/2000 by GRINWISS	Sample ID:	RV11-30-90
Total Solids:	45%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		7300	10
108-95-2	Phenol	ND		7300	10
111-44-4	Bis(2-chloroethyl)ether	ND		2200	10
95-57-8	2-Chlorophenol	ND		7300	10
541-73-1	1,3-Dichlorobenzene	ND		2200	10
106-46-7	1,4-Dichlorobenzene	ND		2200	10
95-50-1	1,2-Dichlorobenzene	ND		2200	10
95-48-7	2-Methylphenol (o-cresol)	ND		7300	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		2200	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		15000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		4400	10
67-72-1	Hexachloroethane	ND		2200	10
98-95-3	Nitrobenzene	ND		4400	10
78-59-1	Isophorone	ND		2200	10
88-75-5	2-Nitrophenol	ND		7300	10
105-67-9	2,4-Dimethylphenol	ND		7300	10
111-91-1	Bis(2-chloroethoxy)methane	ND		4400	10
120-83-2	2,4-Dichlorophenol	ND		7300	10
120-82-1	1,2,4-Trichlorobenzene	ND		4400	10
91-20-3	Naphthalene	ND		2200	10
87-68-3	Hexachlorobutadiene	ND		4400	10
59-50-7	4-Chloro-3-methylphenol	ND		7300	10
91-57-6	2-Methylnaphthalene	ND		5600	10
77-47-4	Hexachlorocyclopentadiene	ND		44000	10
88-06-2	2,4,6-Trichlorophenol	ND		7300	10
95-95-4	2,4,5-Trichlorophenol	ND		7300	10
91-58-7	2-Chloronaphthalene	ND		4400	10
88-74-4	2-Nitroaniline	ND		38000	10
208-96-8	Acenaphthylene	ND		2200	10
131-11-3	Dimethyl phthalate	ND		4400	10
606-20-2	2,6-Dinitrotoluene	ND		7300	10
99-09-2	3-Nitroaniline	ND		38000	10
83-32-9	Acenaphthene	ND		2200	10
51-28-5	2,4-Dinitrophenol	ND		38000	10
132-64-9	Dibenzofuran	ND		7300	10
100-02-7	4-Nitrophenol	ND		38000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		7300	10
86-73-7	Fluorene	ND		2200	10
84-66-2	Diethyl phthalate	ND		2200	10
100-01-6	4-Nitroaniline	ND		38000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		38000	10
7005-72-3	4-Chlorophenyl phenylether	ND		2200	10
156-10-5	N-Nitrosodiphenylamine	ND		4400	10
103-33-3	Azobenzene	ND		4400	10
101-55-3	4-Bromophenyl phenylether	ND		4400	10
118-74-1	Hexachlorobenzene	ND		4400	10
87-86-5	Pentachlorophenol	ND		76000	10
85-01-8	Phenanthrene	1100	T	2200	10
120-12-7	Anthracene	ND		2200	10
86-74-8	Carbazole	ND		7300	10
84-74-2	Di-n-butyl phthalate	ND		2200	10
206-44-0	Fluoranthene	1100	T	2200	10
129-00-0	Pyrene	1000	T	2200	10
85-68-7	Butyl benzyl phthalate	ND		2200	10
56-55-3	Benz(a)anthracene	ND		2200	10
218-01-9	Chrysene	ND		2200	10
117-81-7	Bis(2-ethylhexyl)phthalate	8100	BLK=192	4400	10
117-84-0	Di-n-octyl phthalate	ND		4400	10
205-99-2	Benzo(b)fluoranthene	ND		4400	10
207-08-9	Benzo(k)fluoranthene	ND		4400	10
50-32-8	Benzo(a)pyrene	ND		4400	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		4400	10
53-70-3	Dibenz(a,h)anthracene	ND		4400	10
191-24-2	Benzo(g,h,i)perylene	ND		4400	10

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

Reporting limits elevated due to matrix interference.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006029-06OS

Date Collected:	5/31/2000	Test Code:	SPCB
Date Extracted:	6/8/2000 by tm-1183	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	RV11-30-90
Total Solids:	45%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		220	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		220	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		220	1.0
53469-21-9	Aroclor 1242 (PCB)	1200		220	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		220	1.0
11097-69-1	Aroclor 1254 (PCB)	1000		220	1.0
11096-82-5	Aroclor 1260 (PCB)	560		220	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		220	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		220	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns
LH due to low surrogate recovery

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006029-07OS

Date Collected:	5/31/2000	Test Code:	SBNA
Date Extracted:	6/9/2000 by tm-1184	Test Name:	BNA - Sediment
Date Analyzed:	6/21/2000 by GRINWISS	Sample ID:	RV11-90-150
Total Solids:	48%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		6900	10
108-95-2	Phenol	ND		6900	10
111-44-4	Bis(2-chloroethyl)ether	ND		2100	10
95-57-8	2-Chlorophenol	ND		6900	10
541-73-1	1,3-Dichlorobenzene	ND		2100	10
106-46-7	1,4-Dichlorobenzene	ND		2100	10
95-50-1	1,2-Dichlorobenzene	ND		2100	10
95-48-7	2-Methylphenol (o-cresol)	ND		6900	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		2100	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		14000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		4200	10
67-72-1	Hexachloroethane	ND		2100	10
98-95-3	Nitrobenzene	ND		4200	10
78-59-1	Isophorone	ND		2100	10
88-75-5	2-Nitrophenol	ND		6900	10
105-67-9	2,4-Dimethylphenol	ND		6900	10
111-91-1	Bis(2-chloroethoxy)methane	ND		4200	10
120-83-2	2,4-Dichlorophenol	ND		6900	10
120-82-1	1,2,4-Trichlorobenzene	ND		4200	10
91-20-3	Naphthalene	ND		2100	10
87-68-3	Hexachlorobutadiene	ND		4200	10
59-50-7	4-Chloro-3-methylphenol	ND		6900	10
91-57-6	2-Methylnaphthalene	ND		5200	10
77-47-4	Hexachlorocyclopentadiene	ND		42000	10
88-06-2	2,4,6-Trichlorophenol	ND		6900	10
95-95-4	2,4,5-Trichlorophenol	ND		6900	10
91-58-7	2-Chloronaphthalene	ND		4200	10
88-74-4	2-Nitroaniline	ND		35000	10
208-96-8	Acenaphthylene	ND		2100	10
131-11-3	Dimethyl phthalate	ND		4200	10
606-20-2	2,6-Dinitrotoluene	ND		6900	10
99-09-2	3-Nitroaniline	ND		35000	10
83-32-9	Acenaphthene	ND		2100	10
51-28-5	2,4-Dinitrophenol	ND		35000	10
132-64-9	Dibenzofuran	ND		6900	10
100-02-7	4-Nitrophenol	ND		35000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		6900	10
86-73-7	Fluorene	ND		2100	10
84-66-2	Diethyl phthalate	ND		2100	10
100-01-6	4-Nitroaniline	ND		35000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		35000	10
7005-72-3	4-Chlorophenyl phenylether	ND		2100	10
156-10-5	N-Nitrosodiphenylamine	ND		4200	10
103-33-3	Azobenzene	ND		4200	10
101-55-3	4-Bromophenyl phenylether	ND		4200	10
118-74-1	Hexachlorobenzene	ND		4200	10
87-86-5	Pentachlorophenol	ND		71000	10
85-01-8	Phenanthrene	850	T	2100	10
120-12-7	Anthracene	ND		2100	10
86-74-8	Carbazole	ND		6900	10
84-74-2	Di-n-butyl phthalate	ND		2100	10
206-44-0	Fluoranthene	730	T	2100	10
129-00-0	Pyrene	820	T	2100	10
85-68-7	Butyl benzyl phthalate	ND		2100	10
56-55-3	Benz(a)anthracene	ND		2100	10
218-01-9	Chrysene	ND		2100	10
117-81-7	Bis(2-ethylhexyl)phthalate	4200	BLK=192	4200	10
117-84-0	Di-n-octyl phthalate	ND		4200	10
205-99-2	Benzo(b)fluoranthene	ND		4200	10
207-08-9	Benzo(k)fluoranthene	ND		4200	10
50-32-8	Benzo(a)pyrene	ND		4200	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		4200	10
53-70-3	Dibenz(a,h)anthracene	ND		4200	10
191-24-2	Benzo(g,h,i)perylene	ND		4200	10

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

Reporting limits elevated due to matrix interference.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006029-07OS

Date Collected:	5/31/2000	Test Code:	SPCB
Date Extracted:	6/8/2000 by tm-1183	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	RV11-90-150
Total Solids:	48%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		210	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		210	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		210	1.0
53469-21-9	Aroclor 1242 (PCB)	4900		210	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		210	1.0
11097-69-1	Aroclor 1254 (PCB)	5000		210	1.0
11096-82-5	Aroclor 1260 (PCB)	1200		210	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		210	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		210	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006029-08OS

Date Collected:	5/31/2000	Test Code:	SBNA
Date Extracted:	6/9/2000 by tm-1184	Test Name:	BNA - Sediment
Date Analyzed:	6/21/2000 by GRINWISS	Sample ID:	RV11-150-B
Total Solids:	50%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		6600	10
108-95-2	Phenol	ND		6600	10
111-44-4	Bis(2-chloroethyl)ether	ND		2000	10
95-57-8	2-Chlorophenol	ND		6600	10
541-73-1	1,3-Dichlorobenzene	ND		2000	10
106-46-7	1,4-Dichlorobenzene	ND		2000	10
95-50-1	1,2-Dichlorobenzene	ND		2000	10
95-48-7	2-Methylphenol (o-cresol)	ND		6600	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		2000	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		13000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		4000	10
67-72-1	Hexachloroethane	ND		2000	10
98-95-3	Nitrobenzene	ND		4000	10
78-59-1	Isophorone	ND		2000	10
88-75-5	2-Nitrophenol	ND		6600	10
105-67-9	2,4-Dimethylphenol	ND		6600	10
111-91-1	Bis(2-chloroethoxy)methane	ND		4000	10
120-83-2	2,4-Dichlorophenol	ND		6600	10
120-82-1	1,2,4-Trichlorobenzene	ND		4000	10
91-20-3	Naphthalene	750	T	2000	10
87-68-3	Hexachlorobutadiene	ND		4000	10
59-50-7	4-Chloro-3-methylphenol	ND		6600	10
91-57-6	2-Methylnaphthalene	880	T	5000	10
77-47-4	Hexachlorocyclopentadiene	ND		40000	10
88-06-2	2,4,6-Trichlorophenol	ND		6600	10
95-95-4	2,4,5-Trichlorophenol	ND		6600	10
91-58-7	2-Chloronaphthalene	ND		4000	10
88-74-4	2-Nitroaniline	ND		34000	10
208-96-8	Acenaphthylene	ND		2000	10
131-11-3	Dimethyl phthalate	ND		4000	10
606-20-2	2,6-Dinitrotoluene	ND		6600	10
99-09-2	3-Nitroaniline	ND		34000	10
83-32-9	Acenaphthene	ND		2000	10
51-28-5	2,4-Dinitrophenol	ND		34000	10
132-64-9	Dibenzofuran	ND		6600	10
100-02-7	4-Nitrophenol	ND		34000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		6600	10
86-73-7	Fluorene	ND		2000	10
84-66-2	Diethyl phthalate	ND		2000	10
100-01-6	4-Nitroaniline	ND		34000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		34000	10
7005-72-3	4-Chlorophenyl phenylether	ND		2000	10
156-10-5	N-Nitrosodiphenylamine	ND		4000	10
103-33-3	Azobenzene	ND		4000	10
101-55-3	4-Bromophenyl phenylether	ND		4000	10
118-74-1	Hexachlorobenzene	ND		4000	10
87-86-5	Pentachlorophenol	ND		68000	10
85-01-8	Phenanthrene	1600	T	2000	10
120-12-7	Anthracene	ND		2000	10
86-74-8	Carbazole	ND		6600	10
84-74-2	Di-n-butyl phthalate	ND		2000	10
206-44-0	Fluoranthene	1100	T	2000	10
129-00-0	Pyrene	1200	T	2000	10
85-68-7	Butyl benzyl phthalate	ND		2000	10
56-55-3	Benz(a)anthracene	ND		2000	10
218-01-9	Chrysene	ND		2000	10
117-81-7	Bis(2-ethylhexyl)phthalate	4000	BLK=192	4000	10
117-84-0	Di-n-octyl phthalate	ND		4000	10
205-99-2	Benzo(b)fluoranthene	ND		4000	10
207-08-9	Benzo(k)fluoranthene	ND		4000	10
50-32-8	Benzo(a)pyrene	ND		4000	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		4000	10
53-70-3	Dibenz(a,h)anthracene	ND		4000	10
191-24-2	Benzo(g,h,i)perylene	ND		4000	10

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

Reporting limits elevated due to matrix interference.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006029-08OS

Date Collected:	5/31/2000	Test Code:	SPCB
Date Extracted:	6/8/2000 by tm-1183	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	RV11-150-B
Total Solids:	50%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		200	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		200	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		200	1.0
53469-21-9	Aroclor 1242 (PCB)	4100		200	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		200	1.0
11097-69-1	Aroclor 1254 (PCB)	5200		200	1.0
11096-82-5	Aroclor 1260 (PCB)	1400		200	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		200	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		200	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006029-09OS

Date Collected:	5/31/2000	Test Code:	SBNA
Date Extracted:	6/9/2000 by tm-1184	Test Name:	BNA - Sediment
Date Analyzed:	6/21/2000 by GRINWISS	Sample ID:	RV12-00-30
Total Solids:	46%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		7200	10
108-95-2	Phenol	ND		7200	10
111-44-4	Bis(2-chloroethyl)ether	ND		2200	10
95-57-8	2-Chlorophenol	ND		7200	10
541-73-1	1,3-Dichlorobenzene	ND		2200	10
106-46-7	1,4-Dichlorobenzene	ND		2200	10
95-50-1	1,2-Dichlorobenzene	ND		2200	10
95-48-7	2-Methylphenol (o-cresol)	ND		7200	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		2200	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		14000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		4300	10
67-72-1	Hexachloroethane	ND		2200	10
98-95-3	Nitrobenzene	ND		4300	10
78-59-1	Isophorone	ND		2200	10
88-75-5	2-Nitrophenol	ND		7200	10
105-67-9	2,4-Dimethylphenol	ND		7200	10
111-91-1	Bis(2-chloroethoxy)methane	ND		4300	10
120-83-2	2,4-Dichlorophenol	ND		7200	10
120-82-1	1,2,4-Trichlorobenzene	ND		4300	10
91-20-3	Naphthalene	ND		2200	10
87-68-3	Hexachlorobutadiene	ND		4300	10
59-50-7	4-Chloro-3-methylphenol	ND		7200	10
91-57-6	2-Methylnaphthalene	ND		5400	10
77-47-4	Hexachlorocyclopentadiene	ND		43000	10
88-06-2	2,4,6-Trichlorophenol	ND		7200	10
95-95-4	2,4,5-Trichlorophenol	ND		7200	10
91-58-7	2-Chloronaphthalene	ND		4300	10
88-74-4	2-Nitroaniline	ND		37000	10
208-96-8	Acenaphthylene	ND		2200	10
131-11-3	Dimethyl phthalate	ND		4300	10
606-20-2	2,6-Dinitrotoluene	ND		7200	10
99-09-2	3-Nitroaniline	ND		37000	10
83-32-9	Acenaphthene	ND		2200	10
51-28-5	2,4-Dinitrophenol	ND		37000	10
132-64-9	Dibenzofuran	ND		7200	10
100-02-7	4-Nitrophenol	ND		37000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		7200	10
86-73-7	Fluorene	ND		2200	10
84-66-2	Diethyl phthalate	ND		2200	10
100-01-6	4-Nitroaniline	ND		37000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		37000	10
7005-72-3	4-Chlorophenyl phenylether	ND		2200	10
156-10-5	N-Nitrosodiphenylamine	ND		4300	10
103-33-3	Azobenzene	ND		4300	10
101-55-3	4-Bromophenyl phenylether	ND		4300	10
118-74-1	Hexachlorobenzene	ND		4300	10
87-86-5	Pentachlorophenol	ND		74000	10
85-01-8	Phenanthrene	780	T	2200	10
120-12-7	Anthracene	ND		2200	10
86-74-8	Carbazole	ND		7200	10
84-74-2	Di-n-butyl phthalate	ND		2200	10
206-44-0	Fluoranthene	760	T	2200	10
129-00-0	Pyrene	850	T	2200	10
85-68-7	Butyl benzyl phthalate	ND		2200	10
56-55-3	Benz(a)anthracene	ND		2200	10
218-01-9	Chrysene	ND		2200	10
117-81-7	Bis(2-ethylhexyl)phthalate	ND		4300	10
117-84-0	Di-n-octyl phthalate	ND		4300	10
205-99-2	Benzo(b)fluoranthene	ND		4300	10
207-08-9	Benzo(k)fluoranthene	ND		4300	10
50-32-8	Benzo(a)pyrene	ND		4300	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		4300	10
53-70-3	Dibenz(a,h)anthracene	ND		4300	10
191-24-2	Benzo(g,h,i)perylene	ND		4300	10

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

Reporting limits elevated due to matrix interference.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006029-09OS

Date Collected:	5/31/2000	Test Code:	SPCB
Date Extracted:	6/8/2000 by tm-1183	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	RV12-00-30
Total Solids:	46%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		220	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		220	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		220	1.0
53469-21-9	Aroclor 1242 (PCB)	2500		220	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		220	1.0
11097-69-1	Aroclor 1254 (PCB)	6000		220	1.0
11096-82-5	Aroclor 1260 (PCB)	1100		220	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		220	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		220	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006029-10OS

Date Collected:	5/31/2000	Test Code:	SBNA
Date Extracted:	6/9/2000 by tm-1184	Test Name:	BNA - Sediment
Date Analyzed:	6/21/2000 by GRINWISS	Sample ID:	RV12-30-90
Total Solids:	50%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		6600	10
108-95-2	Phenol	ND		6600	10
111-44-4	Bis(2-chloroethyl)ether	ND		2000	10
95-57-8	2-Chlorophenol	ND		6600	10
541-73-1	1,3-Dichlorobenzene	ND		2000	10
106-46-7	1,4-Dichlorobenzene	ND		2000	10
95-50-1	1,2-Dichlorobenzene	ND		2000	10
95-48-7	2-Methylphenol (o-cresol)	ND		6600	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		2000	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		13000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		4000	10
67-72-1	Hexachloroethane	ND		2000	10
98-95-3	Nitrobenzene	ND		4000	10
78-59-1	Isophorone	ND		2000	10
88-75-5	2-Nitrophenol	ND		6600	10
105-67-9	2,4-Dimethylphenol	ND		6600	10
111-91-1	Bis(2-chloroethoxy)methane	ND		4000	10
120-83-2	2,4-Dichlorophenol	ND		6600	10
120-82-1	1,2,4-Trichlorobenzene	ND		4000	10
91-20-3	Naphthalene	ND		2000	10
87-68-3	Hexachlorobutadiene	ND		4000	10
59-50-7	4-Chloro-3-methylphenol	ND		6600	10
91-57-6	2-Methylnaphthalene	ND		5000	10
77-47-4	Hexachlorocyclopentadiene	ND		40000	10
88-06-2	2,4,6-Trichlorophenol	ND		6600	10
95-95-4	2,4,5-Trichlorophenol	ND		6600	10
91-58-7	2-Chloronaphthalene	ND		4000	10
88-74-4	2-Nitroaniline	ND		34000	10
208-96-8	Acenaphthylene	ND		2000	10
131-11-3	Dimethyl phthalate	ND		4000	10
606-20-2	2,6-Dinitrotoluene	ND		6600	10
99-09-2	3-Nitroaniline	ND		34000	10
83-32-9	Acenaphthene	ND		2000	10
51-28-5	2,4-Dinitrophenol	ND		34000	10
132-64-9	Dibenzofuran	ND		6600	10
100-02-7	4-Nitrophenol	ND		34000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		6600	10
86-73-7	Fluorene	ND		2000	10
84-66-2	Diethyl phthalate	ND		2000	10
100-01-6	4-Nitroaniline	ND		34000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		34000	10
7005-72-3	4-Chlorophenyl phenylether	ND		2000	10
156-10-5	N-Nitrosodiphenylamine	ND		4000	10
103-33-3	Azobenzene	ND		4000	10
101-55-3	4-Bromophenyl phenylether	ND		4000	10
118-74-1	Hexachlorobenzene	ND		4000	10
87-86-5	Pentachlorophenol	ND		68000	10
85-01-8	Phenanthrene	1300	T	2000	10
120-12-7	Anthracene	ND		2000	10
86-74-8	Carbazole	ND		6600	10
84-74-2	Di-n-butyl phthalate	ND		2000	10
206-44-0	Fluoranthene	1100	T	2000	10
129-00-0	Pyrene	1000	T	2000	10
85-68-7	Butyl benzyl phthalate	ND		2000	10
56-55-3	Benz(a)anthracene	ND		2000	10
218-01-9	Chrysene	ND		2000	10
117-81-7	Bis(2-ethylhexyl)phthalate	3900	T,BK=192	4000	10
117-84-0	Di-n-octyl phthalate	ND		4000	10
205-99-2	Benzo(b)fluoranthene	ND		4000	10
207-08-9	Benzo(k)fluoranthene	ND		4000	10
50-32-8	Benzo(a)pyrene	ND		4000	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		4000	10
53-70-3	Dibenz(a,h)anthracene	ND		4000	10
191-24-2	Benzo(g,h,i)perylene	ND		4000	10

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

Reporting limits elevated due to matrix interference.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006029-10OS

Date Collected:	5/31/2000	Test Code:	SPCB
Date Extracted:	6/8/2000 by tm-1183	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	RV12-30-90
Total Solids:	50%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		200	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		200	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		200	1.0
53469-21-9	Aroclor 1242 (PCB)	2700		200	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		200	1.0
11097-69-1	Aroclor 1254 (PCB)	2800		200	1.0
11096-82-5	Aroclor 1260 (PCB)	1300		200	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		200	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		200	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006029-11OS

Date Collected:	5/31/2000	Test Code:	SBNA
Date Extracted:	6/9/2000 by tm-1184	Test Name:	BNA - Sediment
Date Analyzed:	6/21/2000 by GRINWISS	Sample ID:	RV12-90-B
Total Solids:	52%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		6300	10
108-95-2	Phenol	ND		6300	10
111-44-4	Bis(2-chloroethyl)ether	ND		1900	10
95-57-8	2-Chlorophenol	ND		6300	10
541-73-1	1,3-Dichlorobenzene	ND		1900	10
106-46-7	1,4-Dichlorobenzene	ND		1900	10
95-50-1	1,2-Dichlorobenzene	ND		1900	10
95-48-7	2-Methylphenol (o-cresol)	ND		6300	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		1900	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		13000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		3800	10
67-72-1	Hexachloroethane	ND		1900	10
98-95-3	Nitrobenzene	ND		3800	10
78-59-1	Isophorone	ND		1900	10
88-75-5	2-Nitrophenol	ND		6300	10
105-67-9	2,4-Dimethylphenol	ND		6300	10
111-91-1	Bis(2-chloroethoxy)methane	ND		3800	10
120-83-2	2,4-Dichlorophenol	ND		6300	10
120-82-1	1,2,4-Trichlorobenzene	ND		3800	10
91-20-3	Naphthalene	ND		1900	10
87-68-3	Hexachlorobutadiene	ND		3800	10
59-50-7	4-Chloro-3-methylphenol	ND		6300	10
91-57-6	2-Methylnaphthalene	ND		4800	10
77-47-4	Hexachlorocyclopentadiene	ND		38000	10
88-06-2	2,4,6-Trichlorophenol	ND		6300	10
95-95-4	2,4,5-Trichlorophenol	ND		6300	10
91-58-7	2-Chloronaphthalene	ND		3800	10
88-74-4	2-Nitroaniline	ND		33000	10
208-96-8	Acenaphthylene	ND		1900	10
131-11-3	Dimethyl phthalate	ND		3800	10
606-20-2	2,6-Dinitrotoluene	ND		6300	10
99-09-2	3-Nitroaniline	ND		33000	10
83-32-9	Acenaphthene	ND		1900	10
51-28-5	2,4-Dinitrophenol	ND		33000	10
132-64-9	Dibenzofuran	ND		6300	10
100-02-7	4-Nitrophenol	ND		33000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		6300	10
86-73-7	Fluorene	ND		1900	10
84-66-2	Diethyl phthalate	ND		1900	10
100-01-6	4-Nitroaniline	ND		33000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		33000	10
7005-72-3	4-Chlorophenyl phenylether	ND		1900	10
156-10-5	N-Nitrosodiphenylamine	ND		3800	10
103-33-3	Azobenzene	ND		3800	10
101-55-3	4-Bromophenyl phenylether	ND		3800	10
118-74-1	Hexachlorobenzene	ND		3800	10
87-86-5	Pentachlorophenol	ND		65000	10
85-01-8	Phenanthrene	1300	T	1900	10
120-12-7	Anthracene	ND		1900	10
86-74-8	Carbazole	ND		6300	10
84-74-2	Di-n-butyl phthalate	ND		1900	10
206-44-0	Fluoranthene	1300	T	1900	10
129-00-0	Pyrene	1100	T	1900	10
85-68-7	Butyl benzyl phthalate	ND		1900	10
56-55-3	Benz(a)anthracene	ND		1900	10
218-01-9	Chrysene	ND		1900	10
117-81-7	Bis(2-ethylhexyl)phthalate	4300	BK=192	3800	10
117-84-0	Di-n-octyl phthalate	ND		3800	10
205-99-2	Benzo(b)fluoranthene	ND		3800	10
207-08-9	Benzo(k)fluoranthene	ND		3800	10
50-32-8	Benzo(a)pyrene	ND		3800	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		3800	10
53-70-3	Dibenz(a,h)anthracene	ND		3800	10
191-24-2	Benzo(g,h,i)perylene	ND		3800	10

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

Reporting limits elevated due to matrix interference.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006029-11OS

Date Collected:	5/31/2000	Test Code:	SPCB
Date Extracted:	6/8/2000 by tm-1183	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	RV12-90-B
Total Solids:	52%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		190	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		190	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		190	1.0
53469-21-9	Aroclor 1242 (PCB)	3000		190	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		190	1.0
11097-69-1	Aroclor 1254 (PCB)	2500		190	1.0
11096-82-5	Aroclor 1260 (PCB)	690		190	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		190	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		190	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns

DEQ

MICHIGAN DEPT. OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL LABORATORY
ANALYSIS REQUEST SHEET

LAB ORDER # 00-06-027

MATRIX=SEDIMENT/SOIL/SOLIDS

SUBMITTER DIVISION	DISTRICT OR OFFICE	MDEQ PROJECT MANAGER & PHONE	ACCEPT NT CODES? YES/NO
SWQ	Gleas	M. Oemke 5-4206	

LOCATION SAMPLED / SITE ID NUMBER: Trenton – Detroit R.

INDEX | PCA | PROJECT | PH

COLLECTED BY: M. Oemke

PHONE: ( ) 5-4206

ADDITIONAL REPORT TO ATTENTION OF

AT (ADDRESS) (If different than above office)

OVERFLOW CONTRACT LAB (Required for ERD)

****** SAFETY INFORMATION REQUIRED ******
SEE BACK OF FORM

LAB USE ONLY	SAMPLE IDENTIFICATION	SAMPLE COLLECTED DATE	TIME	COMMENTS
1	MC13-00-30	6/1		Surf - 30 cm
2	-30-B	"		30 - Bottom
3	MC14 -00-30	"		Surf - 30 cm
4	-30-90	"		30-90 cm
5	-90-B	"		90 - Bottom
6	MC15 -00-30	"		Surf - 30 cm
7	-30-90	"		30-90 cm
8	-90-B	"		90 cm - Bottom
9	MC16 - 00 - 30	"		Surf - 30 cm
10	MC16 - 30 - 90	6/1		30-90 cm

ORGANIC

VOA VOLATILES (MeOH/8260)

Full List	1 2 3 4 5 6 7 8 9 10
BTEX/MTBE only	1 2 3 4 5 6 7 8 9 10

OS PESTICIDES/PCBS (8081/8082)

Pesticides & PCBs	1 2 3 4 5 6 7 8 9 10
Pesticides only	1 2 3 4 5 6 7 8 9 10
PCBs only	1 2 3 4 5 6 7 8 9 10

BNA BASE NEUTRAL & ACIDS (8270)

BNAs	1 2 3 4 5 6 7 8 9 10
PNAs only	1 2 3 4 5 6 7 8 9 10
BNs only	1 2 3 4 5 6 7 8 9 10

SPECIAL REQUESTS

Library Search (Qualitative)

Volatiles	1 2 3 4 5 6 7 8 9 10
Semivolatiles	1 2 3 4 5 6 7 8 9 10
Other _____	1 2 3 4 5 6 7 8 9 10

GENERAL CHEMISTRY

GS

COD	1 2 3 4 5 6 7 8 9 10
KJEL N, Tot. P	1 2 3 4 5 6 7 8 9 10
Phenolics	1 2 3 4 5 6 7 8 9 10
Total CN	1 2 3 4 5 6 7 8 9 10
_____	1 2 3 4 5 6 7 8 9 10
_____	1 2 3 4 5 6 7 8 9 10
_____	1 2 3 4 5 6 7 8 9 10

INORGANIC

MS

MICH TEN METALS (As, Ba, Cd, Cr, Cu, Pb, Hg, Se, Ag, Zn)	1 2 3 4 5 6 7 8 9 10
Fe Co Li Mn	1 2 3 4 5 6 7 8 9 10
Al Be Mo Ti V	1 2 3 4 5 6 7 8 9 10
Sr - Strontium	1 2 3 4 5 6 7 8 9 10
Ni - Nickel	1 2 3 4 5 6 7 8 9 10
Tl - Thallium	1 2 3 4 5 6 7 8 9 10
Ca Mg Na K	1 2 3 4 5 6 7 8 9 10
% Total Solids	1 2 3 4 5 6 7 8 9 10
_____	1 2 3 4 5 6 7 8 9 10
_____	1 2 3 4 5 6 7 8 9 10
_____	1 2 3 4 5 6 7 8 9 10

Chain-of-Custody	BOTTLE / TESTS	RELEASED BY / AFFILIATION	RECEIVED BY / AFFILIATION	DATE & TIME
		1) Mark Oemke DEQ	Bryan J. Lopausch DH	6-2-2000 11:02
		2)		

2

DEQ

MICHIGAN DEPT. OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL LABORATORY
ANALYSIS REQUEST SHEET

LAB ORDER # 00-06-027 MATRIX=SEDIMENT/SOIL/SOLIDS

SUBMITTER DIVISION	DISTRICT OR OFFICE	MDEQ PROJECT MANAGER & PHONE	ACCEPT HT CODES? YES NO
SWQ	GLEAS	M. Oemke 5-4206	

LOCATION SAMPLED / SITE ID NUMBER: Trenton – Detroit River

INDEX PCA PROJECT PH

COLLECTED BY: M. Oemke PHONE: ( ) 5-4206

ADDITIONAL REPORT TO ATTENTION OF

AT (ADDRESS) (If different than above office)

OVERFLOW CONTRACT LAB (Required for ERD)

****** SAFETY INFORMATION REQUIRED ******
SEE BACK OF FORM

LAB USE ONLY	SAMPLE IDENTIFICATION	SAMPLE COLLECTED DATE	TIME	COMMENTS
1	MC16-30-90 Dup	6/1		30-90 cm Duplicate
2	-90-150	"		90-150 cm
3	-150-210	"		150-210 cm
4	-210-B	"		210 - Bottom
5	MC17-00-30	"		surface -30 cm
6	-30-90	"		30-90 cm
7	-90-150	"		90-150 cm
8	-150-210	"		150-210 cm
9	-210-B	"		210 - Bottom
10	MC18-00-30	6/1		surface -30 cm

ORGANIC

VOA VOLATILES (MeOH/8260)
- Full List 1 2 3 4 5 6 7 8 9 10
- BTEX/MTBE only 1 2 3 4 5 6 7 8 9 10

OS PESTICIDES/PCBS (8081/8082)
- Pesticides & PCBs 1 2 3 4 5 6 7 8 9 10
- Pesticides only 1 2 3 4 5 6 7 8 9 10
- PCBs only 1 2 3 4 5 6 7 8 9 10

BNA BASE NEUTRAL & ACIDS (8270)
- BNAs 1 2 3 4 5 6 7 8 9 10
- PNAs only 1 2 3 4 5 6 7 8 9 10
- BNs only 1 2 3 4 5 6 7 8 9 10

SPECIAL REQUESTS
Library Search (Qualitative)
- Volatiles 1 2 3 4 5 6 7 8 9 10
- Semivolatiles 1 2 3 4 5 6 7 8 9 10

Other
- _____ 1 2 3 4 5 6 7 8 9 10

GENERAL CHEMISTRY

GS
- COD 1 2 3 4 5 6 7 8 9 10
- KJEL N, Tot. P 1 2 3 4 5 6 7 8 9 10
- Phenolics 1 2 3 4 5 6 7 8 9 10
- Total CN 1 2 3 4 5 6 7 8 9 10
- _____ 1 2 3 4 5 6 7 8 9 10
- _____ 1 2 3 4 5 6 7 8 9 10
- _____ 1 2 3 4 5 6 7 8 9 10

INORGANIC

MS
- MICH TEN METALS 1 2 3 4 5 6 7 8 9 10 (As, Ba, Cd, Cr, Cu, Pb, Hg, Se, Ag, Zn)
- Fe Co Li Mn 1 2 3 4 5 6 7 8 9 10
- Al Be Mo Ti V 1 2 3 4 5 6 7 8 9 10
- Sr - Strontium 1 2 3 4 5 6 7 8 9 10
- Ni - Nickel 1 2 3 4 5 6 7 8 9 10
- Tl - Thallium 1 2 3 4 5 6 7 8 9 10
- Ca Mg Na K 1 2 3 4 5 6 7 8 9 10
- % Total Solids 1 2 3 4 5 6 7 8 9 10
- _____ 1 2 3 4 5 6 7 8 9 10
- _____ 1 2 3 4 5 6 7 8 9 10
- _____ 1 2 3 4 5 6 7 8 9 10

Chain-of-Custody	BOTTLE / TESTS	RELEASED BY / AFFILIATION	RECEIVED BY / AFFILIATION	DATE & TIME
		1) Mark P Oemke DEQ	Bryan Felopausch DH	6-2-2000 11:02
		2)		

DEQ

MICHIGAN DEPT. OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL LABORATORY
ANALYSIS REQUEST SHEET

LAB ORDER # 00-06-027 MATRIX=SEDIMENT/SOIL/SOLIDS

SUBMITTER DIVISION	DISTRICT OR OFFICE	MDEQ PROJECT MANAGER & PHONE	ACCEPT HT CODES? YES / NO
SWQ	GLEAS	M. Oemke 5-4206	

LOCATION SAMPLED / SITE ID NUMBER: Trenton – Detroit River

INDEX | PCA | PROJECT | PH

COLLECTED BY: M. Oemke PHONE: ( ) 5-4206

ADDITIONAL REPORT TO ATTENTION OF

AT (ADDRESS) (If different than above office)

OVERFLOW CONTRACT LAB (Required for ERD)

****** SAFETY INFORMATION REQUIRED ******
SEE BACK OF FORM

LAB USE ONLY	SAMPLE IDENTIFICATION	SAMPLE COLLECTED DATE	SAMPLE COLLECTED TIME	COMMENTS
1	MC18 -30-90	6/1		30-90 cm
2	-30-90 dup	"		DUP.
3	-90-150	"		90-150 cm
4	-150-210	"		150 cm - 210 cm
5	-210-B	6/1		210 - Bottom
6				
7				
8				
9				
10				

ORGANIC

VOA VOLATILES (MeOH/8260)
- Full List 1 2 3 4 5 6 7 8 9 10
- BTEX/MTBE only 1 2 3 4 5 6 7 8 9 10

OS PESTICIDES/PCBS (8081/8082)
- Pesticides & PCBs 1 2 3 4 5 6 7 8 9 10
- Pesticides only 1 2 3 4 5 6 7 8 9 10
- PCBs only 1 2 3 4 5 6 7 8 9 10

BNA BASE NEUTRAL & ACIDS (8270)
- BNAs 1 2 3 4 5 6 7 8 9 10
- PNAs only 1 2 3 4 5 6 7 8 9 10
- BNs only 1 2 3 4 5 6 7 8 9 10

SPECIAL REQUESTS
Library Search (Qualitative)
- Volatiles 1 2 3 4 5 6 7 8 9 10
- Semivolatiles 1 2 3 4 5 6 7 8 9 10

Other
- _____ 1 2 3 4 5 6 7 8 9 10

GENERAL CHEMISTRY

GS
- COD 1 2 3 4 5 6 7 8 9 10
- KJEL N, Tot. P 1 2 3 4 5 6 7 8 9 10
- Phenolics 1 2 3 4 5 6 7 8 9 10
- Total CN 1 2 3 4 5 6 7 8 9 10
- _____ 1 2 3 4 5 6 7 8 9 10
- _____ 1 2 3 4 5 6 7 8 9 10
- _____ 1 2 3 4 5 6 7 8 9 10

INORGANIC

MS
- MICH TEN METALS 1 2 3 4 5 6 7 8 9 10 (As, Ba, Cd, Cr, Cu, Pb, Hg, Se, Ag, Zn)
- Fe Co Li Mn 1 2 3 4 5 6 7 8 9 10
- Al Be Mo Ti V 1 2 3 4 5 6 7 8 9 10
- Sr - Strontium 1 2 3 4 5 6 7 8 9 10
- Ni - Nickel 1 2 3 4 5 6 7 8 9 10
- Tl - Thallium 1 2 3 4 5 6 7 8 9 10
- Ca Mg Na K 1 2 3 4 5 6 7 8 9 10
- % Total Solids 1 2 3 4 5 6 7 8 9 10
- _____ 1 2 3 4 5 6 7 8 9 10
- _____ 1 2 3 4 5 6 7 8 9 10
- _____ 1 2 3 4 5 6 7 8 9 10

Chain-of-Custody	BOTTLE / TESTS	RELEASED BY / AFFILIATION	RECEIVED BY / AFFILIATION	DATE & TIME
		1) Mark P Oemke DEQ	Bryan J. Lapausch D.H	6-2-2000 11102
		2)		

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL LABORATORY (517) 335-9800

P.O. Box 30270
Lansing, MI 48909

Report To: Surface Water Quality Div.
Knapps Building
Lansing, MI 48909

Attn: M.OEMKE
Total: $24,258.75

Lab Work Order # 0006027
Work Site ID: TRENTON-DETROIT R.
Matrix: Sediment\Soil
Received: 6/2/2000 **Reported:** 7/21/2000
Client: SW_GLEAS **Number of Samples:** 25

TEST UNITS	MC13-00-30	MC13-30-B	MC14-00-30	MC14-30-90
Arsenic in Sediment mg/kg (dry)	9.0	8.0	10	8.5
Barium in Sediment mg/kg (dry)	106	150	123	116
Cadmium in Sediment mg/kg (dry)	2	4	4	3
Chromium in Sediment mg/kg (dry)	49	67	105	73
Copper in Sediment mg/kg (dry)	82	125	105	69
Lead in Sediment mg/kg (dry)	80	118	117	89
Mercury in Sediment mg/kg (dry)	2.6	4.1	3.7	4.2
Selenium in Sediment mg/kg (dry)	0.7	1.1	1.0	0.6
Silver in Sediment mg/kg (dry)	0.8	1.3	1.8	1.1
Solids - Total - Inorganic %TS	59.0	61.9	38.9	66.4
Zinc in Sediment mg/kg (dry)	840	688	700	326

TEST UNITS	MC14-90-B	MC15-00-30	MC15-30-90	MC15-90-B
Arsenic in Sediment mg/kg (dry)	6.3	11	12	8.0
Barium in Sediment mg/kg (dry)	85	224	220	70
Cadmium in Sediment mg/kg (dry)	K 2	10	9	K 2
Chromium in Sediment mg/kg (dry)	15	255	257	45
Copper in Sediment mg/kg (dry)	24	143	146	40

RECEIVED
SWQD - GLEAS
JUL 27 2000

TEST UNITS	MC14-90-B	MC15-00-30	MC15-30-90	MC15-90-B
Lead in Sediment mg/kg (dry)	14	220	219	28
Mercury in Sediment mg/kg (dry)	K .05	6.3	6.6	.38
Selenium in Sediment mg/kg (dry)	K 0.5	1.1	1.3	K 0.5
Silver in Sediment mg/kg (dry)	K 0.25	3.6	3.6	0.3
Solids - Total - Inorganic %TS	80.5	45.5	45.7	75.8
Zinc in Sediment mg/kg (dry)	66	630	630	98

TEST UNITS	MC16-00-30	MC16-30-90	MC16-30-90DUP	MC16-90-150
Arsenic in Sediment mg/kg (dry)	11	13	13	13
Barium in Sediment mg/kg (dry)	270	250	252	202
Cadmium in Sediment mg/kg (dry)	16	19	19	12
Chromium in Sediment mg/kg (dry)	418	440	436	310
Copper in Sediment mg/kg (dry)	203	210	212	162
Lead in Sediment mg/kg (dry)	358	360	356	300
Mercury in Sediment mg/kg (dry)	4.3	18.0	9.5	10.6
Selenium in Sediment mg/kg (dry)	1.1	1.2	1.1	1.1
Silver in Sediment mg/kg (dry)	5.0	5.5	5.1	4.9
Solids - Total - Inorganic %TS	44.7	47.7	48.5	50.1
Zinc in Sediment mg/kg (dry)	900	1100	1130	900

TEST UNITS	MC16-150-210	MC16-210-B	MC17-00-30	MC17-30-90
Arsenic in Sediment mg/kg (dry)	11	12	8.3	9.0

TEST UNITS	MC16-150-210	MC16-210-B	MC17-00-30	MC17-30-90
Barium in Sediment mg/kg (dry)	226	227	115	117
Cadmium in Sediment mg/kg (dry)	11	9	5	37
Chromium in Sediment mg/kg (dry)	318	310	68	100
Copper in Sediment mg/kg (dry)	160	159	84	102
Lead in Sediment mg/kg (dry)	238	270	88	135
Mercury in Sediment mg/kg (dry)	6.8	6.2	K .05	11.6
Selenium in Sediment mg/kg (dry)	0.9	0.9	0.9	1.2
Silver in Sediment mg/kg (dry)	4.4	4.3	2.3	3.4
Solids - Total - Inorganic %TS	50.8	51.2	45.9	49.1
Zinc in Sediment mg/kg (dry)	700	688	347	480

TEST UNITS	MC17-90-150	MC17-150-210	MC17-210-B	MC18-00-30
Arsenic in Sediment mg/kg (dry)	9.3	11	12	9.8
Barium in Sediment mg/kg (dry)	129	227	320	137
Cadmium in Sediment mg/kg (dry)	17	18	17	14
Chromium in Sediment mg/kg (dry)	143	360	428	140
Copper in Sediment mg/kg (dry)	117	220	205	110
Lead in Sediment mg/kg (dry)	178	289	326	160
Mercury in Sediment mg/kg (dry)	.77	1.5	2.6	1.0
Selenium in Sediment mg/kg (dry)	1.1	1.1	1.0	1.2
Silver in Sediment mg/kg (dry)	3.4	6.2	5.7	3.5

TEST UNITS	MC17-90-150	MC17-150-210	MC17-210-B	MC18-00-30
Solids - Total - Inorganic %TS	50.8	50.8	49.6	43.6
Zinc in Sediment mg/kg (dry)	497	937	887	485

TEST UNITS	MC18-30-90	MC18-30-90DUP	MC18-90-150	MC18-150-210
Arsenic in Sediment mg/kg (dry)	9.4	10	12	12
Barium in Sediment mg/kg (dry)	259	265	316	246
Cadmium in Sediment mg/kg (dry)	18	18	19	18
Chromium in Sediment mg/kg (dry)	405	410	420	404
Copper in Sediment mg/kg (dry)	203	204	209	207
Lead in Sediment mg/kg (dry)	296	300	375	330
Mercury in Sediment mg/kg (dry)	3.5	2.8	7.6	11
Selenium in Sediment mg/kg (dry)	1.0	1.0	1.2	1.1
Silver in Sediment mg/kg (dry)	6.2	5.6	6.1	5.5
Solids - Total - Inorganic %TS	46.2	46.0	46.3	48.4
Zinc in Sediment mg/kg (dry)	870	880	967	1040

TEST UNITS	MC18-210-B			
Arsenic in Sediment mg/kg (dry)	12			
Barium in Sediment mg/kg (dry)	204			
Cadmium in Sediment mg/kg (dry)	11			
Chromium in Sediment mg/kg (dry)	285			
Copper in Sediment mg/kg (dry)	162			

TEST UNITS	MC18-210-B			
Lead in Sediment mg/kg (dry)	268			
Mercury in Sediment mg/kg (dry)	8.4			
Selenium in Sediment mg/kg (dry)	1.0			
Silver in Sediment mg/kg (dry)	4.8			
Solids - Total - Inorganic %TS	50.5			
Zinc in Sediment mg/kg (dry)	765			

Many samples have low levels of DDD.

This is an original report: _____ Date: _____

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-01ME

Date Collected:	6/1/2000	Test Code:	SME
		Test Name:	MEOH-Sed
Date Analyzed:	6/6/2000 by KL	Sample ID:	MC13-00-30
Total Solids:	52%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
75-71-8	Dichlorodifluoromethane	ND		950	99.3
74-87-3	Chloromethane	ND		950	99.3
75-01-4	Vinyl chloride	ND		380	99.3
74-83-9	Bromomethane	ND		950	99.3
75-00-3	Chloroethane	ND		950	99.3
75-69-4	Trichlorofluoromethane	ND		950	99.3
67-64-1	Acetone	ND		2900	99.3
60-29-7	Diethyl ether	ND		950	99.3
75-35-4	1,1-Dichloroethylene	ND		190	99.3
74-88-4	Methyl iodide	ND		380	99.3
107-13-1	Acrylonitrile	ND		950	99.3
75-09-2	Methylene chloride	ND		950	99.3
75-15-0	Carbon disulfide	ND		950	99.3
156-60-5	trans-1,2-Dichloroethylene	ND		190	99.3
1634-04-4	Methyltertbutylether (MTBE)	ND		950	99.3
75-34-3	1,1-Dichloroethane	ND		190	99.3
78-93-3	2-Butanone (MEK)	ND		950	99.3
156-59-2	cis-1,2-Dichloroethylene	ND		190	99.3
67-66-3	Chloroform	ND		190	99.3
74-97-5	Bromochloromethane	ND		380	99.3
71-55-6	1,1,1-Trichloroethane	ND		190	99.3
107-06-2	1,2-Dichloroethane	ND		190	99.3
71-43-2	Benzene	ND		190	99.3
56-23-5	Carbon tetrachloride	ND		190	99.3
78-87-5	1,2-Dichloropropane	ND		190	99.3
79-01-6	Trichloroethylene	ND		190	99.3
74-95-3	Dibromomethane	ND		380	99.3
75-27-4	Bromodichloromethane	ND		380	99.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		950	99.3
10061-01-5	cis-1,3-Dichloropropene	ND		190	99.3
10061-02-6	trans-1,3-Dichloropropene	ND		190	99.3
108-88-3	Toluene	520	J	190	99.3
79-00-5	1,1,2-Trichloroethane	ND		190	99.3
591-78-6	2-Hexanone	ND		950	99.3
124-48-1	Dibromochloromethane	ND		380	99.3
106-93-4	1,2-Dibromoethane	ND		190	99.3

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
127-18-4	Tetrachloroethene	ND		190	99.3
108-90-7	Chlorobenzene	ND		190	99.3
630-20-6	1,1,1,2-Tetrachloroethane	ND		380	99.3
100-41-4	Ethylbenzene	ND		190	99.3
108383,106423	m & p-Xylene	ND		380	99.3
75-25-2	Bromoform	ND		380	99.3
100-42-5	Styrene	ND		190	99.3
95-47-6	o-Xylene	ND		190	99.3
79-34-5	1,1,2,2-Tetrachloroethane	ND		380	99.3
96-18-4	1,2,3-Trichloropropane	ND		380	99.3
110-57-6	trans-1,4-Dichloro-2-butene	ND		380	99.3
98-82-8	Isopropylbenzene	ND		380	99.3
108-86-1	Bromobenzene	ND		380	99.3
103-65-1	n-Propylbenzene	ND		380	99.3
108-67-8	1,3,5-Trimethylbenzene	ND		380	99.3
98-06-6	tert-Butylbenzene	ND		950	99.3
95-63-6	1,2,4-Trimethylbenzene	ND		380	99.3
135-98-8	sec-Butylbenzene	ND		950	99.3
541-73-1	1,3-Dichlorobenzene	ND		380	99.3
106-46-7	1,4-Dichlorobenzene	ND		380	99.3
99-87-6	p-Isopropyl toluene	ND		950	99.3
95-50-1	1,2-Dichlorobenzene	ND		380	99.3
104-51-8	n-Butylbenzene	ND		950	99.3
67-72-1	Hexachloroethane	ND		380	99.3
96-12-8	1,2-Dibromo-3-chloropropane	ND		950	99.3
120-82-1	1,2,4-Trichlorobenzene	ND		950	99.3
91-20-3	Naphthalene	16000	J	950	99.3
87-61-6	1,2,3-Trichlorobenzene	ND		950	99.3
91-57-6	2-Methylnaphthalene	1400	J	950	99.3

UnID Peaks.
"J" code all results and reporting limits due to low surrogate recoveries.
"ST" code due to sample was preserved in the Lab.

ND = not detected at the specified reporting limit. NM = not measured.
Reference method is 8260.
USEPA Methods 8260 and 624 are used to quantitate volatile organic compounds that have boiling points below 200°C.
2-Methylnaphthalene and naphthalene are compounds with boiling points above 200°C and are better suited to quantitation by USEPA Methods 8270 or 625 as semivolatile organic compounds.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-01OS

Date Collected:	6/1/2000	Test Code:	SBNA
Date Extracted:	6/9/2000 by tm-1184	Test Name:	BNA - Sediment
Date Analyzed:	6/21/2000 by GRINWISS	Sample ID:	MC13-00-30
Total Solids:	52%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		6300	10
108-95-2	Phenol	ND		6300	10
111-44-4	Bis(2-chloroethyl)ether	ND		1900	10
95-57-8	2-Chlorophenol	ND		6300	10
541-73-1	1,3-Dichlorobenzene	ND		1900	10
106-46-7	1,4-Dichlorobenzene	ND		1900	10
95-50-1	1,2-Dichlorobenzene	ND		1900	10
95-48-7	2-Methylphenol (o-cresol)	ND		6300	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		1900	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		13000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		3800	10
67-72-1	Hexachloroethane	ND		1900	10
98-95-3	Nitrobenzene	ND		3800	10
78-59-1	Isophorone	ND		1900	10
88-75-5	2-Nitrophenol	ND		6300	10
105-67-9	2,4-Dimethylphenol	ND		6300	10
111-91-1	Bis(2-chloroethoxy)methane	ND		3800	10
120-83-2	2,4-Dichlorophenol	ND		6300	10
120-82-1	1,2,4-Trichlorobenzene	ND		3800	10
91-20-3	Naphthalene	6900		1900	10
87-68-3	Hexachlorobutadiene	ND		3800	10
59-50-7	4-Chloro-3-methylphenol	ND		6300	10
91-57-6	2-Methylnaphthalene	ND		4800	10
77-47-4	Hexachlorocyclopentadiene	ND		38000	10
88-06-2	2,4,6-Trichlorophenol	ND		6300	10
95-95-4	2,4,5-Trichlorophenol	ND		6300	10
91-58-7	2-Chloronaphthalene	ND		3800	10
88-74-4	2-Nitroaniline	ND		33000	10
208-96-8	Acenaphthylene	ND		1900	10
131-11-3	Dimethyl phthalate	ND		3800	10
606-20-2	2,6-Dinitrotoluene	ND		6300	10
99-09-2	3-Nitroaniline	ND		33000	10
83-32-9	Acenaphthene	ND		1900	10
51-28-5	2,4-Dinitrophenol	ND		33000	10
132-64-9	Dibenzofuran	630	T	6300	10
100-02-7	4-Nitrophenol	ND		33000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		6300	10
86-73-7	Fluorene	1000	T	1900	10
84-66-2	Diethyl phthalate	ND		1900	10
100-01-6	4-Nitroaniline	ND		33000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		33000	10
7005-72-3	4-Chlorophenyl phenylether	ND		1900	10
156-10-5	N-Nitrosodiphenylamine	ND		3800	10
103-33-3	Azobenzene	ND		3800	10
101-55-3	4-Bromophenyl phenylether	ND		3800	10
118-74-1	Hexachlorobenzene	ND		3800	10
87-86-5	Pentachlorophenol	ND		65000	10
85-01-8	Phenanthrene	3500		1900	10
120-12-7	Anthracene	950	T	1900	10
86-74-8	Carbazole	ND		6300	10
84-74-2	Di-n-butyl phthalate	ND		1900	10
206-44-0	Fluoranthene	3200		1900	10
129-00-0	Pyrene	2400		1900	10
85-68-7	Butyl benzyl phthalate	ND		1900	10
56-55-3	Benz(a)anthracene	1300	T	1900	10
218-01-9	Chrysene	1200	T	1900	10
117-81-7	Bis(2-ethylhexyl)phthalate	ND		3800	10
117-84-0	Di-n-octyl phthalate	ND		3800	10
205-99-2	Benzo(b)fluoranthene	ND		3800	10
207-08-9	Benzo(k)fluoranthene	ND		3800	10
50-32-8	Benzo(a)pyrene	ND		3800	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		3800	10
53-70-3	Dibenz(a,h)anthracene	ND		3800	10
191-24-2	Benzo(g,h,i)perylene	ND		3800	10

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

Reporting limits elevated due to matrix interference.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-01OS

Date Collected:	6/1/2000	Test Code:	SPCB
Date Extracted:	6/8/2000 by tm-1183	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	MC13-00-30
Total Solids:	52%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		190	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		190	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		190	1.0
53469-21-9	Aroclor 1242 (PCB)	ND		190	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		190	1.0
11097-69-1	Aroclor 1254 (PCB)	820		190	1.0
11096-82-5	Aroclor 1260 (PCB)	ND		190	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		190	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		190	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to matrix interference

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-02ME

Date Collected:	6/1/2000	Test Code:	SME
		Test Name:	MEOH-Sed
Date Analyzed:	6/6/2000 by KL	Sample ID:	MC13-30-B
Total Solids:	60%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
75-71-8	Dichlorodifluoromethane	ND		4200	504
74-87-3	Chloromethane	ND		4200	504
75-01-4	Vinyl chloride	ND		1700	504
74-83-9	Bromomethane	ND		4200	504
75-00-3	Chloroethane	ND		4200	504
75-69-4	Trichlorofluoromethane	ND		4200	504
67-64-1	Acetone	ND		13000	504
60-29-7	Diethyl ether	ND		4200	504
75-35-4	1,1-Dichloroethylene	ND		840	504
74-88-4	Methyl iodide	ND		1700	504
107-13-1	Acrylonitrile	ND		4200	504
75-09-2	Methylene chloride	ND		4200	504
75-15-0	Carbon disulfide	ND		4200	504
156-60-5	trans-1,2-Dichloroethylene	ND		840	504
1634-04-4	Methyltertbutylether (MTBE)	ND		4200	504
75-34-3	1,1-Dichloroethane	ND		840	504
78-93-3	2-Butanone (MEK)	ND		4200	504
156-59-2	cis-1,2-Dichloroethylene	ND		840	504
67-66-3	Chloroform	ND		840	504
74-97-5	Bromochloromethane	ND		1700	504
71-55-6	1,1,1-Trichloroethane	ND		840	504
107-06-2	1,2-Dichloroethane	ND		840	504
71-43-2	Benzene	ND		840	504
56-23-5	Carbon tetrachloride	ND		840	504
78-87-5	1,2-Dichloropropane	ND		840	504
79-01-6	Trichloroethylene	ND		840	504
74-95-3	Dibromomethane	ND		1700	504
75-27-4	Bromodichloromethane	ND		1700	504
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		4200	504
10061-01-5	cis-1,3-Dichloropropene	ND		840	504
10061-02-6	trans-1,3-Dichloropropene	ND		840	504
108-88-3	Toluene	ND		840	504
79-00-5	1,1,2-Trichloroethane	ND		840	504
591-78-6	2-Hexanone	ND		4200	504
124-48-1	Dibromochloromethane	ND		1700	504
106-93-4	1,2-Dibromoethane	ND		840	504

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
127-18-4	Tetrachloroethene	ND		840	504
108-90-7	Chlorobenzene	ND		840	504
630-20-6	1,1,1,2-Tetrachloroethane	ND		1700	504
100-41-4	Ethylbenzene	ND		840	504
108383,106423	m & p-Xylene	ND		1700	504
75-25-2	Bromoform	ND		1700	504
100-42-5	Styrene	ND		840	504
95-47-6	o-Xylene	ND		840	504
79-34-5	1,1,2,2-Tetrachloroethane	ND		1700	504
96-18-4	1,2,3-Trichloropropane	ND		1700	504
110-57-6	trans-1,4-Dichloro-2-butene	ND		1700	504
98-82-8	Isopropylbenzene	ND		1700	504
108-86-1	Bromobenzene	ND		1700	504
103-65-1	n-Propylbenzene	ND		1700	504
108-67-8	1,3,5-Trimethylbenzene	ND		1700	504
98-06-6	tert-Butylbenzene	ND		4200	504
95-63-6	1,2,4-Trimethylbenzene	ND		1700	504
135-98-8	sec-Butylbenzene	ND		4200	504
541-73-1	1,3-Dichlorobenzene	ND		1700	504
106-46-7	1,4-Dichlorobenzene	ND		1700	504
99-87-6	p-Isopropyl toluene	ND		4200	504
95-50-1	1,2-Dichlorobenzene	ND		1700	504
104-51-8	n-Butylbenzene	ND		4200	504
67-72-1	Hexachloroethane	ND		1700	504
96-12-8	1,2-Dibromo-3-chloropropane	ND		4200	504
120-82-1	1,2,4-Trichlorobenzene	ND		4200	504
91-20-3	Naphthalene	72000		4200	504
87-61-6	1,2,3-Trichlorobenzene	ND		4200	504
91-57-6	2-Methylnaphthalene	ND		4200	504

UnID Peaks.
"ST" code due to sample was preserved in the Lab.

ND = not detected at the specified reporting limit. NM = not measured.
Reference method is 8260.
USEPA Methods 8260 and 624 are used to quantitate volatile organic compounds that have boiling points below 200°C.
2-Methylnaphthalene and naphthalene are compounds with boiling points above 200°C and are better suited to quantitation by USEPA Methods 8270 or 625 as semivolatile organic compounds.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-02OS

Date Collected:	6/1/2000	Test Code:	SBNA
Date Extracted:	6/9/2000 by tm-1184	Test Name:	BNA - Sediment
Date Analyzed:	6/21/2000 by GRINWISS	Sample ID:	MC13-30-B
Total Solids:	60%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		5500	10
108-95-2	Phenol	ND		5500	10
111-44-4	Bis(2-chloroethyl)ether	ND		1700	10
95-57-8	2-Chlorophenol	ND		5500	10
541-73-1	1,3-Dichlorobenzene	ND		1700	10
106-46-7	1,4-Dichlorobenzene	ND		1700	10
95-50-1	1,2-Dichlorobenzene	ND		1700	10
95-48-7	2-Methylphenol (o-cresol)	ND		5500	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		1700	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		11000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		3300	10
67-72-1	Hexachloroethane	ND		1700	10
98-95-3	Nitrobenzene	ND		3300	10
78-59-1	Isophorone	ND		1700	10
88-75-5	2-Nitrophenol	ND		5500	10
105-67-9	2,4-Dimethylphenol	ND		5500	10
111-91-1	Bis(2-chloroethoxy)methane	ND		3300	10
120-83-2	2,4-Dichlorophenol	ND		5500	10
120-82-1	1,2,4-Trichlorobenzene	ND		3300	10
91-20-3	Naphthalene	11000		1700	10
87-68-3	Hexachlorobutadiene	ND		3300	10
59-50-7	4-Chloro-3-methylphenol	ND		5500	10
91-57-6	2-Methylnaphthalene	630	T	4200	10
77-47-4	Hexachlorocyclopentadiene	ND		33000	10
88-06-2	2,4,6-Trichlorophenol	ND		5500	10
95-95-4	2,4,5-Trichlorophenol	ND		5500	10
91-58-7	2-Chloronaphthalene	ND		3300	10
88-74-4	2-Nitroaniline	ND		28000	10
208-96-8	Acenaphthylene	ND		1700	10
131-11-3	Dimethyl phthalate	ND		3300	10
606-20-2	2,6-Dinitrotoluene	ND		5500	10
99-09-2	3-Nitroaniline	ND		28000	10
83-32-9	Acenaphthene	ND		1700	10
51-28-5	2,4-Dinitrophenol	ND		28000	10
132-64-9	Dibenzofuran	ND		5500	10
100-02-7	4-Nitrophenol	ND		28000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		5500	10
86-73-7	Fluorene	1000	T	1700	10
84-66-2	Diethyl phthalate	ND		1700	10
100-01-6	4-Nitroaniline	ND		28000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		28000	10
7005-72-3	4-Chlorophenyl phenylether	ND		1700	10
156-10-5	N-Nitrosodiphenylamine	ND		3300	10
103-33-3	Azobenzene	ND		3300	10
101-55-3	4-Bromophenyl phenylether	ND		3300	10
118-74-1	Hexachlorobenzene	ND		3300	10
87-86-5	Pentachlorophenol	ND		57000	10
85-01-8	Phenanthrene	3400		1700	10
120-12-7	Anthracene	800	T	1700	10
86-74-8	Carbazole	ND		5500	10
84-74-2	Di-n-butyl phthalate	ND		1700	10
206-44-0	Fluoranthene	2300		1700	10
129-00-0	Pyrene	1800		1700	10
85-68-7	Butyl benzyl phthalate	ND		1700	10
56-55-3	Benz(a)anthracene	ND		1700	10
218-01-9	Chrysene	ND		1700	10
117-81-7	Bis(2-ethylhexyl)phthalate	ND		3300	10
117-84-0	Di-n-octyl phthalate	ND		3300	10
205-99-2	Benzo(b)fluoranthene	ND		3300	10
207-08-9	Benzo(k)fluoranthene	ND		3300	10
50-32-8	Benzo(a)pyrene	ND		3300	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		3300	10
53-70-3	Dibenz(a,h)anthracene	ND		3300	10
191-24-2	Benzo(g,h,i)perylene	ND		3300	10

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

Reporting limits elevated due to matrix interference.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-02OS

Date Collected:	6/1/2000	Test Code:	SPCB
Date Extracted:	6/8/2000 by tm-1183	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	MC13-30-B
Total Solids:	60%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		170	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		170	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		170	1.0
53469-21-9	Aroclor 1242 (PCB)	ND		170	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		170	1.0
11097-69-1	Aroclor 1254 (PCB)	260		170	1.0
11096-82-5	Aroclor 1260 (PCB)	ND		170	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		170	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		170	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to matrix interference

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-03ME

Date Collected:	6/1/2000	Test Code:	SME
		Test Name:	MEOH-Sed
Date Analyzed:	6/6/2000 by KL	Sample ID:	MC14-00-30
Total Solids:	34%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
75-71-8	Dichlorodifluoromethane	ND		2800	192
74-87-3	Chloromethane	ND		2800	192
75-01-4	Vinyl chloride	ND		1100	192
74-83-9	Bromomethane	ND		2800	192
75-00-3	Chloroethane	ND		2800	192
75-69-4	Trichlorofluoromethane	ND		2800	192
67-64-1	Acetone	ND		8500	192
60-29-7	Diethyl ether	ND		2800	192
75-35-4	1,1-Dichloroethylene	ND		560	192
74-88-4	Methyl iodide	ND		1100	192
107-13-1	Acrylonitrile	ND		2800	192
75-09-2	Methylene chloride	ND		2800	192
75-15-0	Carbon disulfide	ND		2800	192
156-60-5	trans-1,2-Dichloroethylene	ND		560	192
1634-04-4	Methyltertbutylether (MTBE)	ND		2800	192
75-34-3	1,1-Dichloroethane	ND		560	192
78-93-3	2-Butanone (MEK)	ND		2800	192
156-59-2	cis-1,2-Dichloroethylene	ND		560	192
67-66-3	Chloroform	ND		560	192
74-97-5	Bromochloromethane	ND		1100	192
71-55-6	1,1,1-Trichloroethane	ND		560	192
107-06-2	1,2-Dichloroethane	ND		560	192
71-43-2	Benzene	ND		560	192
56-23-5	Carbon tetrachloride	ND		560	192
78-87-5	1,2-Dichloropropane	ND		560	192
79-01-6	Trichloroethylene	ND		560	192
74-95-3	Dibromomethane	ND		1100	192
75-27-4	Bromodichloromethane	ND		1100	192
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		2800	192
10061-01-5	cis-1,3-Dichloropropene	ND		560	192
10061-02-6	trans-1,3-Dichloropropene	ND		560	192
108-88-3	Toluene	25000	J	560	192
79-00-5	1,1,2-Trichloroethane	ND		560	192
591-78-6	2-Hexanone	ND		2800	192
124-48-1	Dibromochloromethane	ND		1100	192
106-93-4	1,2-Dibromoethane	ND		560	192

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
127-18-4	Tetrachloroethene	ND		560	192
108-90-7	Chlorobenzene	ND		560	192
630-20-6	1,1,1,2-Tetrachloroethane	ND		1100	192
100-41-4	Ethylbenzene	ND		560	192
108383,106423	m & p-Xylene	ND		1100	192
75-25-2	Bromoform	ND		1100	192
100-42-5	Styrene	ND		560	192
95-47-6	o-Xylene	ND		560	192
79-34-5	1,1,2,2-Tetrachloroethane	ND		1100	192
96-18-4	1,2,3-Trichloropropane	ND		1100	192
110-57-6	trans-1,4-Dichloro-2-butene	ND		1100	192
98-82-8	Isopropylbenzene	ND		1100	192
108-86-1	Bromobenzene	ND		1100	192
103-65-1	n-Propylbenzene	ND		1100	192
108-67-8	1,3,5-Trimethylbenzene	ND		1100	192
98-06-6	tert-Butylbenzene	ND		2800	192
95-63-6	1,2,4-Trimethylbenzene	ND		1100	192
135-98-8	sec-Butylbenzene	ND		2800	192
541-73-1	1,3-Dichlorobenzene	ND		1100	192
106-46-7	1,4-Dichlorobenzene	ND		1100	192
99-87-6	p-Isopropyl toluene	ND		2800	192
95-50-1	1,2-Dichlorobenzene	ND		1100	192
104-51-8	n-Butylbenzene	ND		2800	192
67-72-1	Hexachloroethane	ND		1100	192
96-12-8	1,2-Dibromo-3-chloropropane	ND		2800	192
120-82-1	1,2,4-Trichlorobenzene	ND		2800	192
91-20-3	Naphthalene	ND		2800	192
87-61-6	1,2,3-Trichlorobenzene	ND		2800	192
91-57-6	2-Methylnaphthalene	ND		2800	192

"J" code all results and reporting limits due to low surrogate recoveries.
"ST" code due to sample was preserved in the Lab.

ND = not detected at the specified reporting limit. NM = not measured.
Reference method is 8260.
USEPA Methods 8260 and 624 are used to quantitate volatile organic compounds that have boiling points below 200°C.
2-Methylnaphthalene and naphthalene are compounds with boiling points above 200°C and are better suited to quantitation by USEPA Methods 8270 or 625 as semivolatile organic compounds.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-03OS

Date Collected:	6/1/2000	Test Code:	SBNA
Date Extracted:	6/9/2000 by tm-1184	Test Name:	BNA - Sediment
Date Analyzed:	6/21/2000 by GRINWISS	Sample ID:	MC14-00-30
Total Solids:	34%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		970	1
108-95-2	Phenol	ND		970	1
111-44-4	Bis(2-chloroethyl)ether	ND		290	1
95-57-8	2-Chlorophenol	ND		970	1
541-73-1	1,3-Dichlorobenzene	ND		290	1
106-46-7	1,4-Dichlorobenzene	ND		290	1
95-50-1	1,2-Dichlorobenzene	ND		290	1
95-48-7	2-Methylphenol (o-cresol)	ND		970	1
108-60-1	Bis(2-chloroisopropyl)ether	ND		290	1
108394,106445	3/4-Methylphenol (m/p-cresol)	1100	T	1900	1
621-64-7	N-Nitrosodi-n-propylamine	ND		590	1
67-72-1	Hexachloroethane	ND		290	1
98-95-3	Nitrobenzene	ND		590	1
78-59-1	Isophorone	ND		290	1
88-75-5	2-Nitrophenol	ND		970	1
105-67-9	2,4-Dimethylphenol	ND		970	1
111-91-1	Bis(2-chloroethoxy)methane	ND		590	1
120-83-2	2,4-Dichlorophenol	ND		970	1
120-82-1	1,2,4-Trichlorobenzene	ND		590	1
91-20-3	Naphthalene	540		290	1
87-68-3	Hexachlorobutadiene	ND		590	1
59-50-7	4-Chloro-3-methylphenol	ND		970	1
91-57-6	2-Methylnaphthalene	ND		740	1
77-47-4	Hexachlorocyclopentadiene	ND		5900	1
88-06-2	2,4,6-Trichlorophenol	ND		970	1
95-95-4	2,4,5-Trichlorophenol	ND		970	1
91-58-7	2-Chloronaphthalene	ND		590	1
88-74-4	2-Nitroaniline	ND		5000	1
208-96-8	Acenaphthylene	ND		290	1
131-11-3	Dimethyl phthalate	ND		590	1
606-20-2	2,6-Dinitrotoluene	ND		970	1
99-09-2	3-Nitroaniline	ND		5000	1
83-32-9	Acenaphthene	ND		290	1
51-28-5	2,4-Dinitrophenol	ND		5000	1
132-64-9	Dibenzofuran	ND		970	1
100-02-7	4-Nitrophenol	ND		5000	1

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		970	1
86-73-7	Fluorene	ND		290	1
84-66-2	Diethyl phthalate	ND		290	1
100-01-6	4-Nitroaniline	ND		5000	1
534-52-1	2-Methyl-4,6-dinitrophenol	ND		5000	1
7005-72-3	4-Chlorophenyl phenylether	ND		290	1
156-10-5	N-Nitrosodiphenylamine	ND		590	1
103-33-3	Azobenzene	ND		590	1
101-55-3	4-Bromophenyl phenylether	ND		590	1
118-74-1	Hexachlorobenzene	ND		590	1
87-86-5	Pentachlorophenol	ND		10000	1
85-01-8	Phenanthrene	880		290	1
120-12-7	Anthracene	200	T	290	1
86-74-8	Carbazole	ND		970	1
84-74-2	Di-n-butyl phthalate	ND		290	1
206-44-0	Fluoranthene	1100		290	1
129-00-0	Pyrene	740		290	1
85-68-7	Butyl benzyl phthalate	ND		290	1
56-55-3	Benz(a)anthracene	380		290	1
218-01-9	Chrysene	400		290	1
117-81-7	Bis(2-ethylhexyl)phthalate	540	T	590	1
117-84-0	Di-n-octyl phthalate	ND		590	1
205-99-2	Benzo(b)fluoranthene	ND		590	1
207-08-9	Benzo(k)fluoranthene	ND		590	1
50-32-8	Benzo(a)pyrene	ND		590	1
193-39-5	Indeno(1,2,3-cd)pyrene	ND		590	1
53-70-3	Dibenz(a,h)anthracene	ND		590	1
191-24-2	Benzo(g,h,i)perylene	ND		590	1

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-03OS

Date Collected:	6/1/2000	Test Code:	SPCB
Date Extracted:	6/8/2000 by tm-1183	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	MC14-00-30
Total Solids:	34%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		290	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		290	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		290	1.0
53469-21-9	Aroclor 1242 (PCB)	ND		290	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		290	1.0
11097-69-1	Aroclor 1254 (PCB)	760		290	1.0
11096-82-5	Aroclor 1260 (PCB)	ND		290	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		290	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		290	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to matrix interference

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-04ME

Date Collected:	6/1/2000	Test Code:	SME
		Test Name:	MEOH-Sed
Date Analyzed:	6/6/2000 by KL	Sample ID:	MC14-30-90
Total Solids:	63%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
75-71-8	Dichlorodifluoromethane	ND		390	48.7
74-87-3	Chloromethane	ND		390	48.7
75-01-4	Vinyl chloride	ND		150	48.7
74-83-9	Bromomethane	ND		390	48.7
75-00-3	Chloroethane	ND		390	48.7
75-69-4	Trichlorofluoromethane	ND		390	48.7
67-64-1	Acetone	ND		1200	48.7
60-29-7	Diethyl ether	ND		390	48.7
75-35-4	1,1-Dichloroethylene	ND		77	48.7
74-88-4	Methyl iodide	ND		150	48.7
107-13-1	Acrylonitrile	ND		390	48.7
75-09-2	Methylene chloride	ND		390	48.7
75-15-0	Carbon disulfide	ND		390	48.7
156-60-5	trans-1,2-Dichloroethylene	ND		77	48.7
1634-04-4	Methyltertbutylether (MTBE)	ND		390	48.7
75-34-3	1,1-Dichloroethane	ND		77	48.7
78-93-3	2-Butanone (MEK)	ND		390	48.7
156-59-2	cis-1,2-Dichloroethylene	ND		77	48.7
67-66-3	Chloroform	ND		77	48.7
74-97-5	Bromochloromethane	ND		150	48.7
71-55-6	1,1,1-Trichloroethane	ND		77	48.7
107-06-2	1,2-Dichloroethane	ND		77	48.7
71-43-2	Benzene	ND		77	48.7
56-23-5	Carbon tetrachloride	ND		77	48.7
78-87-5	1,2-Dichloropropane	ND		77	48.7
79-01-6	Trichloroethylene	ND		77	48.7
74-95-3	Dibromomethane	ND		150	48.7
75-27-4	Bromodichloromethane	ND		150	48.7
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		390	48.7
10061-01-5	cis-1,3-Dichloropropene	ND		77	48.7
10061-02-6	trans-1,3-Dichloropropene	ND		77	48.7
108-88-3	Toluene	190	J	77	48.7
79-00-5	1,1,2-Trichloroethane	ND		77	48.7
591-78-6	2-Hexanone	ND		390	48.7
124-48-1	Dibromochloromethane	ND		150	48.7
106-93-4	1,2-Dibromoethane	ND		77	48.7

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
127-18-4	Tetrachloroethene	ND		77	48.7
108-90-7	Chlorobenzene	ND		77	48.7
630-20-6	1,1,1,2-Tetrachloroethane	ND		150	48.7
100-41-4	Ethylbenzene	ND		77	48.7
108383,106423	m & p-Xylene	ND		150	48.7
75-25-2	Bromoform	ND		150	48.7
100-42-5	Styrene	ND		77	48.7
95-47-6	o-Xylene	ND		77	48.7
79-34-5	1,1,2,2-Tetrachloroethane	ND		150	48.7
96-18-4	1,2,3-Trichloropropane	ND		150	48.7
110-57-6	trans-1,4-Dichloro-2-butene	ND		150	48.7
98-82-8	Isopropylbenzene	ND		150	48.7
108-86-1	Bromobenzene	ND		150	48.7
103-65-1	n-Propylbenzene	ND		150	48.7
108-67-8	1,3,5-Trimethylbenzene	ND		150	48.7
98-06-6	tert-Butylbenzene	ND		390	48.7
95-63-6	1,2,4-Trimethylbenzene	ND		150	48.7
135-98-8	sec-Butylbenzene	ND		390	48.7
541-73-1	1,3-Dichlorobenzene	ND		150	48.7
106-46-7	1,4-Dichlorobenzene	ND		150	48.7
99-87-6	p-Isopropyl toluene	ND		390	48.7
95-50-1	1,2-Dichlorobenzene	ND		150	48.7
104-51-8	n-Butylbenzene	ND		390	48.7
67-72-1	Hexachloroethane	ND		150	48.7
96-12-8	1,2-Dibromo-3-chloropropane	ND		390	48.7
120-82-1	1,2,4-Trichlorobenzene	ND		390	48.7
91-20-3	Naphthalene	ND		390	48.7
87-61-6	1,2,3-Trichlorobenzene	ND		390	48.7
91-57-6	2-Methylnaphthalene	470	J	390	48.7

UnID Peaks.
"J" code all results and reporting limits due to low surrogate recoveries.
"ST" code due to sample was preserved in the Lab.

ND = not detected at the specified reporting limit. NM = not measured.
Reference method is 8260.
USEPA Methods 8260 and 624 are used to quantitate volatile organic compounds that have boiling points below 200°C.
2-Methylnaphthalene and naphthalene are compounds with boiling points above 200°C and are better suited to quantitation by USEPA Methods 8270 or 625 as semivolatile organic compounds.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-04OS

Date Collected:	6/1/2000	Test Code:	SBNA
Date Extracted:	6/9/2000 by tm-1184	Test Name:	BNA - Sediment
Date Analyzed:	6/21/2000 by GRINWISS	Sample ID:	MC14-30-90
Total Solids:	63%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		5200	10
108-95-2	Phenol	ND		5200	10
111-44-4	Bis(2-chloroethyl)ether	ND		1600	10
95-57-8	2-Chlorophenol	ND		5200	10
541-73-1	1,3-Dichlorobenzene	ND		1600	10
106-46-7	1,4-Dichlorobenzene	ND		1600	10
95-50-1	1,2-Dichlorobenzene	ND		1600	10
95-48-7	2-Methylphenol (o-cresol)	ND		5200	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		1600	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		10000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		3200	10
67-72-1	Hexachloroethane	ND		1600	10
98-95-3	Nitrobenzene	ND		3200	10
78-59-1	Isophorone	ND		1600	10
88-75-5	2-Nitrophenol	ND		5200	10
105-67-9	2,4-Dimethylphenol	ND		5200	10
111-91-1	Bis(2-chloroethoxy)methane	ND		3200	10
120-83-2	2,4-Dichlorophenol	ND		5200	10
120-82-1	1,2,4-Trichlorobenzene	ND		3200	10
91-20-3	Naphthalene	ND		1600	10
87-68-3	Hexachlorobutadiene	ND		3200	10
59-50-7	4-Chloro-3-methylphenol	ND		5200	10
91-57-6	2-Methylnaphthalene	ND		4000	10
77-47-4	Hexachlorocyclopentadiene	ND		32000	10
88-06-2	2,4,6-Trichlorophenol	ND		5200	10
95-95-4	2,4,5-Trichlorophenol	ND		5200	10
91-58-7	2-Chloronaphthalene	ND		3200	10
88-74-4	2-Nitroaniline	ND		27000	10
208-96-8	Acenaphthylene	ND		1600	10
131-11-3	Dimethyl phthalate	ND		3200	10
606-20-2	2,6-Dinitrotoluene	ND		5200	10
99-09-2	3-Nitroaniline	ND		27000	10
83-32-9	Acenaphthene	ND		1600	10
51-28-5	2,4-Dinitrophenol	ND		27000	10
132-64-9	Dibenzofuran	ND		5200	10
100-02-7	4-Nitrophenol	ND		27000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		5200	10
86-73-7	Fluorene	ND		1600	10
84-66-2	Diethyl phthalate	ND		1600	10
100-01-6	4-Nitroaniline	ND		27000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		27000	10
7005-72-3	4-Chlorophenyl phenylether	ND		1600	10
156-10-5	N-Nitrosodiphenylamine	ND		3200	10
103-33-3	Azobenzene	ND		3200	10
101-55-3	4-Bromophenyl phenylether	ND		3200	10
118-74-1	Hexachlorobenzene	ND		3200	10
87-86-5	Pentachlorophenol	ND		54000	10
85-01-8	Phenanthrene	2200		1600	10
120-12-7	Anthracene	620	T	1600	10
86-74-8	Carbazole	ND		5200	10
84-74-2	Di-n-butyl phthalate	ND		1600	10
206-44-0	Fluoranthene	1900		1600	10
129-00-0	Pyrene	1800		1600	10
85-68-7	Butyl benzyl phthalate	ND		1600	10
56-55-3	Benz(a)anthracene	ND		1600	10
218-01-9	Chrysene	800	T	1600	10
117-81-7	Bis(2-ethylhexyl)phthalate	820	T	3200	10
117-84-0	Di-n-octyl phthalate	ND		3200	10
205-99-2	Benzo(b)fluoranthene	ND		3200	10
207-08-9	Benzo(k)fluoranthene	ND		3200	10
50-32-8	Benzo(a)pyrene	ND		3200	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		3200	10
53-70-3	Dibenz(a,h)anthracene	ND		3200	10
191-24-2	Benzo(g,h,i)perylene	ND		3200	10

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

Reporting limits elevated due to matrix interference.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-04OS

Date Collected:	6/1/2000	Test Code:	SPCB
Date Extracted:	6/8/2000 by tm-1183	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	MC14-30-90
Total Solids:	63%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		160	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		160	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		160	1.0
53469-21-9	Aroclor 1242 (PCB)	220		160	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		160	1.0
11097-69-1	Aroclor 1254 (PCB)	690		160	1.0
11096-82-5	Aroclor 1260 (PCB)	ND		160	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		160	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		160	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-05ME

Date Collected:	6/1/2000	Test Code:	SME
		Test Name:	MEOH-Sed
Date Analyzed:	6/6/2000 by KL	Sample ID:	MC14-90-B
Total Solids:	80%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
75-71-8	Dichlorodifluoromethane	ND		310	49.2
74-87-3	Chloromethane	ND		310	49.2
75-01-4	Vinyl chloride	ND		120	49.2
74-83-9	Bromomethane	ND		310	49.2
75-00-3	Chloroethane	ND		310	49.2
75-69-4	Trichlorofluoromethane	ND		310	49.2
67-64-1	Acetone	ND		920	49.2
60-29-7	Diethyl ether	ND		310	49.2
75-35-4	1,1-Dichloroethylene	ND		62	49.2
74-88-4	Methyl iodide	ND		120	49.2
107-13-1	Acrylonitrile	ND		310	49.2
75-09-2	Methylene chloride	ND		310	49.2
75-15-0	Carbon disulfide	ND		310	49.2
156-60-5	trans-1,2-Dichloroethylene	ND		62	49.2
1634-04-4	Methyltertbutylether (MTBE)	ND		310	49.2
75-34-3	1,1-Dichloroethane	ND		62	49.2
78-93-3	2-Butanone (MEK)	ND		310	49.2
156-59-2	cis-1,2-Dichloroethylene	ND		62	49.2
67-66-3	Chloroform	ND		62	49.2
74-97-5	Bromochloromethane	ND		120	49.2
71-55-6	1,1,1-Trichloroethane	ND		62	49.2
107-06-2	1,2-Dichloroethane	ND		62	49.2
71-43-2	Benzene	ND		62	49.2
56-23-5	Carbon tetrachloride	ND		62	49.2
78-87-5	1,2-Dichloropropane	ND		62	49.2
79-01-6	Trichloroethylene	ND		62	49.2
74-95-3	Dibromomethane	ND		120	49.2
75-27-4	Bromodichloromethane	ND		120	49.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		310	49.2
10061-01-5	cis-1,3-Dichloropropene	ND		62	49.2
10061-02-6	trans-1,3-Dichloropropene	ND		62	49.2
108-88-3	Toluene	ND		62	49.2
79-00-5	1,1,2-Trichloroethane	ND		62	49.2
591-78-6	2-Hexanone	ND		310	49.2
124-48-1	Dibromochloromethane	ND		120	49.2
106-93-4	1,2-Dibromoethane	ND		62	49.2

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
127-18-4	Tetrachloroethene	ND		62	49.2
108-90-7	Chlorobenzene	ND		62	49.2
630-20-6	1,1,1,2-Tetrachloroethane	ND		120	49.2
100-41-4	Ethylbenzene	ND		62	49.2
108383,106423	m & p-Xylene	ND		120	49.2
75-25-2	Bromoform	ND		120	49.2
100-42-5	Styrene	ND		62	49.2
95-47-6	o-Xylene	ND		62	49.2
79-34-5	1,1,2,2-Tetrachloroethane	ND		120	49.2
96-18-4	1,2,3-Trichloropropane	ND		120	49.2
110-57-6	trans-1,4-Dichloro-2-butene	ND		120	49.2
98-82-8	Isopropylbenzene	ND		120	49.2
108-86-1	Bromobenzene	ND		120	49.2
103-65-1	n-Propylbenzene	ND		120	49.2
108-67-8	1,3,5-Trimethylbenzene	ND		120	49.2
98-06-6	tert-Butylbenzene	ND		310	49.2
95-63-6	1,2,4-Trimethylbenzene	ND		120	49.2
135-98-8	sec-Butylbenzene	ND		310	49.2
541-73-1	1,3-Dichlorobenzene	ND		120	49.2
106-46-7	1,4-Dichlorobenzene	ND		120	49.2
99-87-6	p-Isopropyl toluene	ND		310	49.2
95-50-1	1,2-Dichlorobenzene	ND		120	49.2
104-51-8	n-Butylbenzene	ND		310	49.2
67-72-1	Hexachloroethane	ND		120	49.2
96-12-8	1,2-Dibromo-3-chloropropane	ND		310	49.2
120-82-1	1,2,4-Trichlorobenzene	ND		310	49.2
91-20-3	Naphthalene	ND		310	49.2
87-61-6	1,2,3-Trichlorobenzene	ND		310	49.2
91-57-6	2-Methylnaphthalene	ND		310	49.2

"ST" code due to sample was preserved in the Lab.

ND = not detected at the specified reporting limit. NM = not measured.
Reference method is 8260.
USEPA Methods 8260 and 624 are used to quantitate volatile organic compounds that have boiling points below 200°C.
2-Methylnaphthalene and naphthalene are compounds with boiling points above 200°C and are better suited to quantitation by USEPA Methods 8270 or 625 as semivolatile organic compounds.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-05OS

Date Collected:	6/1/2000	Test Code:	SBNA
Date Extracted:	6/13/2000 by tm-1186	Test Name:	BNA - Sediment
Date Analyzed:	6/21/2000 by JRS	Sample ID:	MC14-90-B
Total Solids:	80%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		410	1
108-95-2	Phenol	ND		410	1
111-44-4	Bis(2-chloroethyl)ether	ND		120	1
95-57-8	2-Chlorophenol	ND		410	1
541-73-1	1,3-Dichlorobenzene	ND		120	1
106-46-7	1,4-Dichlorobenzene	ND		120	1
95-50-1	1,2-Dichlorobenzene	ND		120	1
95-48-7	2-Methylphenol (o-cresol)	ND		410	1
108-60-1	Bis(2-chloroisopropyl)ether	ND		120	1
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		820	1
621-64-7	N-Nitrosodi-n-propylamine	ND		250	1
67-72-1	Hexachloroethane	ND		120	1
98-95-3	Nitrobenzene	ND		250	1
78-59-1	Isophorone	ND		120	1
88-75-5	2-Nitrophenol	ND		410	1
105-67-9	2,4-Dimethylphenol	ND		410	1
111-91-1	Bis(2-chloroethoxy)methane	ND		250	1
120-83-2	2,4-Dichlorophenol	ND		410	1
120-82-1	1,2,4-Trichlorobenzene	ND		250	1
91-20-3	Naphthalene	ND		120	1
87-68-3	Hexachlorobutadiene	ND		250	1
59-50-7	4-Chloro-3-methylphenol	ND		410	1
91-57-6	2-Methylnaphthalene	ND		310	1
77-47-4	Hexachlorocyclopentadiene	ND		2500	1
88-06-2	2,4,6-Trichlorophenol	ND		410	1
95-95-4	2,4,5-Trichlorophenol	ND		410	1
91-58-7	2-Chloronaphthalene	ND		250	1
88-74-4	2-Nitroaniline	ND		2100	1
208-96-8	Acenaphthylene	ND		120	1
131-11-3	Dimethyl phthalate	ND		250	1
606-20-2	2,6-Dinitrotoluene	ND		410	1
99-09-2	3-Nitroaniline	ND		2100	1
83-32-9	Acenaphthene	ND		120	1
51-28-5	2,4-Dinitrophenol	ND		2100	1
132-64-9	Dibenzofuran	ND		410	1
100-02-7	4-Nitrophenol	ND		2100	1

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		410	1
86-73-7	Fluorene	ND		120	1
84-66-2	Diethyl phthalate	ND		120	1
100-01-6	4-Nitroaniline	ND		2100	1
534-52-1	2-Methyl-4,6-dinitrophenol	ND		2100	1
7005-72-3	4-Chlorophenyl phenylether	ND		120	1
156-10-5	N-Nitrosodiphenylamine	ND		250	1
103-33-3	Azobenzene	ND		250	1
101-55-3	4-Bromophenyl phenylether	ND		250	1
118-74-1	Hexachlorobenzene	ND		250	1
87-86-5	Pentachlorophenol	ND		4200	1
85-01-8	Phenanthrene	ND		120	1
120-12-7	Anthracene	ND		120	1
86-74-8	Carbazole	ND		410	1
84-74-2	Di-n-butyl phthalate	ND		120	1
206-44-0	Fluoranthene	ND		120	1
129-00-0	Pyrene	ND		120	1
85-68-7	Butyl benzyl phthalate	ND		120	1
56-55-3	Benz(a)anthracene	ND		120	1
218-01-9	Chrysene	ND		120	1
117-81-7	Bis(2-ethylhexyl)phthalate	ND		250	1
117-84-0	Di-n-octyl phthalate	ND		250	1
205-99-2	Benzo(b)fluoranthene	ND		250	1
207-08-9	Benzo(k)fluoranthene	ND		250	1
50-32-8	Benzo(a)pyrene	ND		250	1
193-39-5	Indeno(1,2,3-cd)pyrene	ND		250	1
53-70-3	Dibenz(a,h)anthracene	ND		250	1
191-24-2	Benzo(g,h,i)perylene	ND		250	1

The elevated reporting limits are due to matrix interferences.

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-05OS

Date Collected:	6/1/2000	Test Code:	SPCB
Date Extracted:	6/8/2000 by tm-1183	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	MC14-90-B
Total Solids:	80%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		120	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		120	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		120	1.0
53469-21-9	Aroclor 1242 (PCB)	ND		120	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		120	1.0
11097-69-1	Aroclor 1254 (PCB)	ND		120	1.0
11096-82-5	Aroclor 1260 (PCB)	ND		120	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		120	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		120	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-06ME

Date Collected:	6/1/2000	Test Code:	SME
		Test Name:	MEOH-Sed
Date Analyzed:	6/6/2000 by KL	Sample ID:	MC15-00-30
Total Solids:	46%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
75-71-8	Dichlorodifluoromethane	ND		540	49.4
74-87-3	Chloromethane	ND		540	49.4
75-01-4	Vinyl chloride	ND		210	49.4
74-83-9	Bromomethane	ND		540	49.4
75-00-3	Chloroethane	ND		540	49.4
75-69-4	Trichlorofluoromethane	ND		540	49.4
67-64-1	Acetone	ND		1600	49.4
60-29-7	Diethyl ether	ND		540	49.4
75-35-4	1,1-Dichloroethylene	ND		110	49.4
74-88-4	Methyl iodide	ND		210	49.4
107-13-1	Acrylonitrile	ND		540	49.4
75-09-2	Methylene chloride	ND		540	49.4
75-15-0	Carbon disulfide	ND		540	49.4
156-60-5	trans-1,2-Dichloroethylene	ND		110	49.4
1634-04-4	Methyltertbutylether (MTBE)	ND		540	49.4
75-34-3	1,1-Dichloroethane	ND		110	49.4
78-93-3	2-Butanone (MEK)	ND		540	49.4
156-59-2	cis-1,2-Dichloroethylene	ND		110	49.4
67-66-3	Chloroform	ND		110	49.4
74-97-5	Bromochloromethane	ND		210	49.4
71-55-6	1,1,1-Trichloroethane	ND		110	49.4
107-06-2	1,2-Dichloroethane	ND		110	49.4
71-43-2	Benzene	ND		110	49.4
56-23-5	Carbon tetrachloride	ND		110	49.4
78-87-5	1,2-Dichloropropane	ND		110	49.4
79-01-6	Trichloroethylene	ND		110	49.4
74-95-3	Dibromomethane	ND		210	49.4
75-27-4	Bromodichloromethane	ND		210	49.4
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		540	49.4
10061-01-5	cis-1,3-Dichloropropene	ND		110	49.4
10061-02-6	trans-1,3-Dichloropropene	ND		110	49.4
108-88-3	Toluene	3200	J	110	49.4
79-00-5	1,1,2-Trichloroethane	ND		110	49.4
591-78-6	2-Hexanone	ND		540	49.4
124-48-1	Dibromochloromethane	ND		210	49.4
106-93-4	1,2-Dibromoethane	ND		110	49.4

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
127-18-4	Tetrachloroethene	ND		110	49.4
108-90-7	Chlorobenzene	ND		110	49.4
630-20-6	1,1,1,2-Tetrachloroethane	ND		210	49.4
100-41-4	Ethylbenzene	ND		110	49.4
108383,106423	m & p-Xylene	ND		210	49.4
75-25-2	Bromoform	ND		210	49.4
100-42-5	Styrene	ND		110	49.4
95-47-6	o-Xylene	ND		110	49.4
79-34-5	1,1,2,2-Tetrachloroethane	ND		210	49.4
96-18-4	1,2,3-Trichloropropane	ND		210	49.4
110-57-6	trans-1,4-Dichloro-2-butene	ND		210	49.4
98-82-8	Isopropylbenzene	ND		210	49.4
108-86-1	Bromobenzene	ND		210	49.4
103-65-1	n-Propylbenzene	ND		210	49.4
108-67-8	1,3,5-Trimethylbenzene	ND		210	49.4
98-06-6	tert-Butylbenzene	ND		540	49.4
95-63-6	1,2,4-Trimethylbenzene	ND		210	49.4
135-98-8	sec-Butylbenzene	ND		540	49.4
541-73-1	1,3-Dichlorobenzene	ND		210	49.4
106-46-7	1,4-Dichlorobenzene	ND		210	49.4
99-87-6	p-Isopropyl toluene	ND		540	49.4
95-50-1	1,2-Dichlorobenzene	ND		210	49.4
104-51-8	n-Butylbenzene	ND		540	49.4
67-72-1	Hexachloroethane	ND		210	49.4
96-12-8	1,2-Dibromo-3-chloropropane	ND		540	49.4
120-82-1	1,2,4-Trichlorobenzene	ND		540	49.4
91-20-3	Naphthalene	ND		540	49.4
87-61-6	1,2,3-Trichlorobenzene	ND		540	49.4
91-57-6	2-Methylnaphthalene	ND		540	49.4

UnID Peaks.
"J" code all results and reporting limits due to low surrogate recoveries.
"ST" code due to sample was preserved in the Lab.

ND = not detected at the specified reporting limit. NM = not measured.
Reference method is 8260.
USEPA Methods 8260 and 624 are used to quantitate volatile organic compounds that have boiling points below 200°C.
2-Methylnaphthalene and naphthalene are compounds with boiling points above 200°C and are better suited to quantitation by USEPA Methods 8270 or 625 as semivolatile organic compounds.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-06OS

Date Collected:	6/1/2000	Test Code:	SBNA
Date Extracted:	6/13/2000 by tm-1186	Test Name:	BNA - Sediment
Date Analyzed:	6/21/2000 by GRINWISS	Sample ID:	MC15-00-30
Total Solids:	46%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		7200	10
108-95-2	Phenol	ND		7200	10
111-44-4	Bis(2-chloroethyl)ether	ND		2200	10
95-57-8	2-Chlorophenol	ND		7200	10
541-73-1	1,3-Dichlorobenzene	ND		2200	10
106-46-7	1,4-Dichlorobenzene	ND		2200	10
95-50-1	1,2-Dichlorobenzene	ND		2200	10
95-48-7	2-Methylphenol (o-cresol)	ND		7200	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		2200	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		14000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		4300	10
67-72-1	Hexachloroethane	ND		2200	10
98-95-3	Nitrobenzene	ND		4300	10
78-59-1	Isophorone	ND		2200	10
88-75-5	2-Nitrophenol	ND		7200	10
105-67-9	2,4-Dimethylphenol	ND		7200	10
111-91-1	Bis(2-chloroethoxy)methane	ND		4300	10
120-83-2	2,4-Dichlorophenol	ND		7200	10
120-82-1	1,2,4-Trichlorobenzene	ND		4300	10
91-20-3	Naphthalene	ND		2200	10
87-68-3	Hexachlorobutadiene	ND		4300	10
59-50-7	4-Chloro-3-methylphenol	ND		7200	10
91-57-6	2-Methylnaphthalene	ND		5400	10
77-47-4	Hexachlorocyclopentadiene	ND		43000	10
88-06-2	2,4,6-Trichlorophenol	ND		7200	10
95-95-4	2,4,5-Trichlorophenol	ND		7200	10
91-58-7	2-Chloronaphthalene	ND		4300	10
88-74-4	2-Nitroaniline	ND		37000	10
208-96-8	Acenaphthylene	ND		2200	10
131-11-3	Dimethyl phthalate	ND		4300	10
606-20-2	2,6-Dinitrotoluene	ND		7200	10
99-09-2	3-Nitroaniline	ND		37000	10
83-32-9	Acenaphthene	ND		2200	10
51-28-5	2,4-Dinitrophenol	ND		37000	10
132-64-9	Dibenzofuran	ND		7200	10
100-02-7	4-Nitrophenol	ND		37000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		7200	10
86-73-7	Fluorene	ND		2200	10
84-66-2	Diethyl phthalate	ND		2200	10
100-01-6	4-Nitroaniline	ND		37000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		37000	10
7005-72-3	4-Chlorophenyl phenylether	ND		2200	10
156-10-5	N-Nitrosodiphenylamine	ND		4300	10
103-33-3	Azobenzene	ND		4300	10
101-55-3	4-Bromophenyl phenylether	ND		4300	10
118-74-1	Hexachlorobenzene	ND		4300	10
87-86-5	Pentachlorophenol	ND		74000	10
85-01-8	Phenanthrene	ND		2200	10
120-12-7	Anthracene	ND		2200	10
86-74-8	Carbazole	ND		7200	10
84-74-2	Di-n-butyl phthalate	ND		2200	10
206-44-0	Fluoranthene	ND		2200	10
129-00-0	Pyrene	ND		2200	10
85-68-7	Butyl benzyl phthalate	ND		2200	10
56-55-3	Benz(a)anthracene	ND		2200	10
218-01-9	Chrysene	ND		2200	10
117-81-7	Bis(2-ethylhexyl)phthalate	ND		4300	10
117-84-0	Di-n-octyl phthalate	ND		4300	10
205-99-2	Benzo(b)fluoranthene	ND		4300	10
207-08-9	Benzo(k)fluoranthene	ND		4300	10
50-32-8	Benzo(a)pyrene	ND		4300	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		4300	10
53-70-3	Dibenz(a,h)anthracene	ND		4300	10
191-24-2	Benzo(g,h,i)perylene	ND		4300	10

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

Reporting limits elevated due to matrix interference.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-06OS

Date Collected:	6/1/2000	Test Code:	SPCB
Date Extracted:	6/8/2000 by tm-1183	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	MC15-00-30
Total Solids:	46%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		220	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		220	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		220	1.0
53469-21-9	Aroclor 1242 (PCB)	3300		220	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		220	1.0
11097-69-1	Aroclor 1254 (PCB)	3500		220	1.0
11096-82-5	Aroclor 1260 (PCB)	660		220	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		220	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		220	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

7460

J code all due to multiple overlapping PCB patterns

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-07ME

Date Collected:	6/1/2000	Test Code:	SME
		Test Name:	MEOH-Sed
Date Analyzed:	6/6/2000 by KL	Sample ID:	MC15-30-90
Total Solids:	53%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
75-71-8	Dichlorodifluoromethane	ND		460	48.6
74-87-3	Chloromethane	ND		460	48.6
75-01-4	Vinyl chloride	ND		180	48.6
74-83-9	Bromomethane	ND		460	48.6
75-00-3	Chloroethane	ND		460	48.6
75-69-4	Trichlorofluoromethane	ND		460	48.6
67-64-1	Acetone	ND		1400	48.6
60-29-7	Diethyl ether	ND		460	48.6
75-35-4	1,1-Dichloroethylene	ND		92	48.6
74-88-4	Methyl iodide	ND		180	48.6
107-13-1	Acrylonitrile	ND		460	48.6
75-09-2	Methylene chloride	ND		460	48.6
75-15-0	Carbon disulfide	ND		460	48.6
156-60-5	trans-1,2-Dichloroethylene	ND		92	48.6
1634-04-4	Methyltertbutylether (MTBE)	ND		460	48.6
75-34-3	1,1-Dichloroethane	ND		92	48.6
78-93-3	2-Butanone (MEK)	ND		460	48.6
156-59-2	cis-1,2-Dichloroethylene	ND		92	48.6
67-66-3	Chloroform	ND		92	48.6
74-97-5	Bromochloromethane	ND		180	48.6
71-55-6	1,1,1-Trichloroethane	ND		92	48.6
107-06-2	1,2-Dichloroethane	ND		92	48.6
71-43-2	Benzene	ND		92	48.6
56-23-5	Carbon tetrachloride	ND		92	48.6
78-87-5	1,2-Dichloropropane	ND		92	48.6
79-01-6	Trichloroethylene	ND		92	48.6
74-95-3	Dibromomethane	ND		180	48.6
75-27-4	Bromodichloromethane	ND		180	48.6
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		460	48.6
10061-01-5	cis-1,3-Dichloropropene	ND		92	48.6
10061-02-6	trans-1,3-Dichloropropene	ND		92	48.6
108-88-3	Toluene	120	J	92	48.6
79-00-5	1,1,2-Trichloroethane	ND		92	48.6
591-78-6	2-Hexanone	ND		460	48.6
124-48-1	Dibromochloromethane	ND		180	48.6
106-93-4	1,2-Dibromoethane	ND		92	48.6

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
127-18-4	Tetrachloroethene	ND		92	48.6
108-90-7	Chlorobenzene	ND		92	48.6
630-20-6	1,1,1,2-Tetrachloroethane	ND		180	48.6
100-41-4	Ethylbenzene	ND		92	48.6
108383,106423	m & p-Xylene	ND		180	48.6
75-25-2	Bromoform	ND		180	48.6
100-42-5	Styrene	ND		92	48.6
95-47-6	o-Xylene	ND		92	48.6
79-34-5	1,1,2,2-Tetrachloroethane	ND		180	48.6
96-18-4	1,2,3-Trichloropropane	ND		180	48.6
110-57-6	trans-1,4-Dichloro-2-butene	ND		180	48.6
98-82-8	Isopropylbenzene	ND		180	48.6
108-86-1	Bromobenzene	ND		180	48.6
103-65-1	n-Propylbenzene	ND		180	48.6
108-67-8	1,3,5-Trimethylbenzene	ND		180	48.6
98-06-6	tert-Butylbenzene	ND		460	48.6
95-63-6	1,2,4-Trimethylbenzene	ND		180	48.6
135-98-8	sec-Butylbenzene	ND		460	48.6
541-73-1	1,3-Dichlorobenzene	ND		180	48.6
106-46-7	1,4-Dichlorobenzene	ND		180	48.6
99-87-6	p-Isopropyl toluene	ND		460	48.6
95-50-1	1,2-Dichlorobenzene	ND		180	48.6
104-51-8	n-Butylbenzene	ND		460	48.6
67-72-1	Hexachloroethane	ND		180	48.6
96-12-8	1,2-Dibromo-3-chloropropane	ND		460	48.6
120-82-1	1,2,4-Trichlorobenzene	ND		460	48.6
91-20-3	Naphthalene	7700	J	460	48.6
87-61-6	1,2,3-Trichlorobenzene	ND		460	48.6
91-57-6	2-Methylnaphthalene	940	J	460	48.6

UnID Peaks.
"J" code all results and reporting limits due to low surrogate recoveries.
"ST" code due to sample was preserved in the Lab.

ND = not detected at the specified reporting limit. NM = not measured.
Reference method is 8260.
USEPA Methods 8260 and 624 are used to quantitate volatile organic compounds that have boiling points below 200°C.
2-Methylnaphthalene and naphthalene are compounds with boiling points above 200°C and are better suited to quantitation by USEPA Methods 8270 or 625 as semivolatile organic compounds.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-07OS

Date Collected:	6/1/2000	Test Code:	SBNA
Date Extracted:	6/13/2000 by tm-1186	Test Name:	BNA - Sediment
Date Analyzed:	6/21/2000 by GRINWISS	Sample ID:	MC15-30-90
Total Solids:	53%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		6200	10
108-95-2	Phenol	ND		6200	10
111-44-4	Bis(2-chloroethyl)ether	ND		1900	10
95-57-8	2-Chlorophenol	ND		6200	10
541-73-1	1,3-Dichlorobenzene	ND		1900	10
106-46-7	1,4-Dichlorobenzene	ND		1900	10
95-50-1	1,2-Dichlorobenzene	ND		1900	10
95-48-7	2-Methylphenol (o-cresol)	ND		6200	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		1900	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		12000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		3800	10
67-72-1	Hexachloroethane	ND		1900	10
98-95-3	Nitrobenzene	ND		3800	10
78-59-1	Isophorone	ND		1900	10
88-75-5	2-Nitrophenol	ND		6200	10
105-67-9	2,4-Dimethylphenol	ND		6200	10
111-91-1	Bis(2-chloroethoxy)methane	ND		3800	10
120-83-2	2,4-Dichlorophenol	ND		6200	10
120-82-1	1,2,4-Trichlorobenzene	ND		3800	10
91-20-3	Naphthalene	3700		1900	10
87-68-3	Hexachlorobutadiene	ND		3800	10
59-50-7	4-Chloro-3-methylphenol	ND		6200	10
91-57-6	2-Methylnaphthalene	ND		4700	10
77-47-4	Hexachlorocyclopentadiene	ND		38000	10
88-06-2	2,4,6-Trichlorophenol	ND		6200	10
95-95-4	2,4,5-Trichlorophenol	ND		6200	10
91-58-7	2-Chloronaphthalene	ND		3800	10
88-74-4	2-Nitroaniline	ND		32000	10
208-96-8	Acenaphthylene	ND		1900	10
131-11-3	Dimethyl phthalate	ND		3800	10
606-20-2	2,6-Dinitrotoluene	ND		6200	10
99-09-2	3-Nitroaniline	ND		32000	10
83-32-9	Acenaphthene	ND		1900	10
51-28-5	2,4-Dinitrophenol	ND		32000	10
132-64-9	Dibenzofuran	ND		6200	10
100-02-7	4-Nitrophenol	ND		32000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		6200	10
86-73-7	Fluorene	ND		1900	10
84-66-2	Diethyl phthalate	ND		1900	10
100-01-6	4-Nitroaniline	ND		32000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		32000	10
7005-72-3	4-Chlorophenyl phenylether	ND		1900	10
156-10-5	N-Nitrosodiphenylamine	ND		3800	10
103-33-3	Azobenzene	ND		3800	10
101-55-3	4-Bromophenyl phenylether	ND		3800	10
118-74-1	Hexachlorobenzene	ND		3800	10
87-86-5	Pentachlorophenol	ND		64000	10
85-01-8	Phenanthrene	890	T	1900	10
120-12-7	Anthracene	ND		1900	10
86-74-8	Carbazole	ND		6200	10
84-74-2	Di-n-butyl phthalate	ND		1900	10
206-44-0	Fluoranthene	800	T	1900	10
129-00-0	Pyrene	760	T	1900	10
85-68-7	Butyl benzyl phthalate	ND		1900	10
56-55-3	Benz(a)anthracene	ND		1900	10
218-01-9	Chrysene	ND		1900	10
117-81-7	Bis(2-ethylhexyl)phthalate	ND		3800	10
117-84-0	Di-n-octyl phthalate	ND		3800	10
205-99-2	Benzo(b)fluoranthene	ND		3800	10
207-08-9	Benzo(k)fluoranthene	ND		3800	10
50-32-8	Benzo(a)pyrene	ND		3800	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		3800	10
53-70-3	Dibenz(a,h)anthracene	ND		3800	10
191-24-2	Benzo(g,h,i)perylene	ND		3800	10

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

Reporting limits elevated due to matrix interference.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-07OS

Date Collected:	6/1/2000	Test Code:	SPCB
Date Extracted:	6/8/2000 by tm-1183	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	MC15-30-90
Total Solids:	53%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		190	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		190	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		190	1.0
53469-21-9	Aroclor 1242 (PCB)	730		190	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		190	1.0
11097-69-1	Aroclor 1254 (PCB)	1800		190	1.0
11096-82-5	Aroclor 1260 (PCB)	480		190	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		190	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		190	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-08ME

Date Collected:	6/1/2000	Test Code:	SME
		Test Name:	MEOH-Sed
Date Analyzed:	6/6/2000 by KL	Sample ID:	MC15-90-B
Total Solids:	78%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
75-71-8	Dichlorodifluoromethane	ND		320	49.6
74-87-3	Chloromethane	ND		320	49.6
75-01-4	Vinyl chloride	ND		130	49.6
74-83-9	Bromomethane	ND		320	49.6
75-00-3	Chloroethane	ND		320	49.6
75-69-4	Trichlorofluoromethane	ND		320	49.6
67-64-1	Acetone	ND		950	49.6
60-29-7	Diethyl ether	ND		320	49.6
75-35-4	1,1-Dichloroethylene	ND		64	49.6
74-88-4	Methyl iodide	ND		130	49.6
107-13-1	Acrylonitrile	ND		320	49.6
75-09-2	Methylene chloride	ND		320	49.6
75-15-0	Carbon disulfide	ND		320	49.6
156-60-5	trans-1,2-Dichloroethylene	ND		64	49.6
1634-04-4	Methyltertbutylether (MTBE)	ND		320	49.6
75-34-3	1,1-Dichloroethane	ND		64	49.6
78-93-3	2-Butanone (MEK)	ND		320	49.6
156-59-2	cis-1,2-Dichloroethylene	ND		64	49.6
67-66-3	Chloroform	ND		64	49.6
74-97-5	Bromochloromethane	ND		130	49.6
71-55-6	1,1,1-Trichloroethane	ND		64	49.6
107-06-2	1,2-Dichloroethane	ND		64	49.6
71-43-2	Benzene	ND		64	49.6
56-23-5	Carbon tetrachloride	ND		64	49.6
78-87-5	1,2-Dichloropropane	ND		64	49.6
79-01-6	Trichloroethylene	ND		64	49.6
74-95-3	Dibromomethane	ND		130	49.6
75-27-4	Bromodichloromethane	ND		130	49.6
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		320	49.6
10061-01-5	cis-1,3-Dichloropropene	ND		64	49.6
10061-02-6	trans-1,3-Dichloropropene	ND		64	49.6
108-88-3	Toluene	ND		64	49.6
79-00-5	1,1,2-Trichloroethane	ND		64	49.6
591-78-6	2-Hexanone	ND		320	49.6
124-48-1	Dibromochloromethane	ND		130	49.6
106-93-4	1,2-Dibromoethane	ND		64	49.6

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
127-18-4	Tetrachloroethene	ND		64	49.6
108-90-7	Chlorobenzene	ND		64	49.6
630-20-6	1,1,1,2-Tetrachloroethane	ND		130	49.6
100-41-4	Ethylbenzene	ND		64	49.6
108383,106423	m & p-Xylene	130		130	49.6
75-25-2	Bromoform	ND		130	49.6
100-42-5	Styrene	ND		64	49.6
95-47-6	o-Xylene	ND		64	49.6
79-34-5	1,1,2,2-Tetrachloroethane	ND		130	49.6
96-18-4	1,2,3-Trichloropropane	ND		130	49.6
110-57-6	trans-1,4-Dichloro-2-butene	ND		130	49.6
98-82-8	Isopropylbenzene	ND		130	49.6
108-86-1	Bromobenzene	ND		130	49.6
103-65-1	n-Propylbenzene	ND		130	49.6
108-67-8	1,3,5-Trimethylbenzene	ND		130	49.6
98-06-6	tert-Butylbenzene	ND		320	49.6
95-63-6	1,2,4-Trimethylbenzene	ND		130	49.6
135-98-8	sec-Butylbenzene	ND		320	49.6
541-73-1	1,3-Dichlorobenzene	ND		130	49.6
106-46-7	1,4-Dichlorobenzene	ND		130	49.6
99-87-6	p-Isopropyl toluene	ND		320	49.6
95-50-1	1,2-Dichlorobenzene	ND		130	49.6
104-51-8	n-Butylbenzene	ND		320	49.6
67-72-1	Hexachloroethane	ND		130	49.6
96-12-8	1,2-Dibromo-3-chloropropane	ND		320	49.6
120-82-1	1,2,4-Trichlorobenzene	ND		320	49.6
91-20-3	Naphthalene	5600		320	49.6
87-61-6	1,2,3-Trichlorobenzene	ND		320	49.6
91-57-6	2-Methylnaphthalene	310	T	320	49.6

"ST" code due to sample was preserved in the Lab.

ND = not detected at the specified reporting limit. NM = not measured.
Reference method is 8260.
USEPA Methods 8260 and 624 are used to quantitate volatile organic compounds that have boiling points below 200°C.
2-Methylnaphthalene and naphthalene are compounds with boiling points above 200°C and are better suited to quantitation by USEPA Methods 8270 or 625 as semivolatile organic compounds.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-08OS

Date Collected:	6/1/2000	Test Code:	SBNA
Date Extracted:	6/13/2000 by tm-1186	Test Name:	BNA - Sediment
Date Analyzed:	6/20/2000 by JRS	Sample ID:	MC15-90-B
Total Solids:	78%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		4200	10
108-95-2	Phenol	ND		4200	10
111-44-4	Bis(2-chloroethyl)ether	ND		1300	10
95-57-8	2-Chlorophenol	ND		4200	10
541-73-1	1,3-Dichlorobenzene	ND		1300	10
106-46-7	1,4-Dichlorobenzene	ND		1300	10
95-50-1	1,2-Dichlorobenzene	ND		1300	10
95-48-7	2-Methylphenol (o-cresol)	ND		4200	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		1300	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		8500	10
621-64-7	N-Nitrosodi-n-propylamine	ND		2600	10
67-72-1	Hexachloroethane	ND		1300	10
98-95-3	Nitrobenzene	ND		2600	10
78-59-1	Isophorone	ND		1300	10
88-75-5	2-Nitrophenol	ND		4200	10
105-67-9	2,4-Dimethylphenol	ND		4200	10
111-91-1	Bis(2-chloroethoxy)methane	ND		2600	10
120-83-2	2,4-Dichlorophenol	ND		4200	10
120-82-1	1,2,4-Trichlorobenzene	ND		2600	10
91-20-3	Naphthalene	6900		1300	10
87-68-3	Hexachlorobutadiene	ND		2600	10
59-50-7	4-Chloro-3-methylphenol	ND		4200	10
91-57-6	2-Methylnaphthalene	ND		3200	10
77-47-4	Hexachlorocyclopentadiene	ND		26000	10
88-06-2	2,4,6-Trichlorophenol	ND		4200	10
95-95-4	2,4,5-Trichlorophenol	ND		4200	10
91-58-7	2-Chloronaphthalene	ND		2600	10
88-74-4	2-Nitroaniline	ND		22000	10
208-96-8	Acenaphthylene	ND		1300	10
131-11-3	Dimethyl phthalate	ND		2600	10
606-20-2	2,6-Dinitrotoluene	ND		4200	10
99-09-2	3-Nitroaniline	ND		22000	10
83-32-9	Acenaphthene	ND		1300	10
51-28-5	2,4-Dinitrophenol	ND		22000	10
132-64-9	Dibenzofuran	ND		4200	10
100-02-7	4-Nitrophenol	ND		22000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		4200	10
86-73-7	Fluorene	ND		1300	10
84-66-2	Diethyl phthalate	ND		1300	10
100-01-6	4-Nitroaniline	ND		22000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		22000	10
7005-72-3	4-Chlorophenyl phenylether	ND		1300	10
156-10-5	N-Nitrosodiphenylamine	ND		2600	10
103-33-3	Azobenzene	ND		2600	10
101-55-3	4-Bromophenyl phenylether	ND		2600	10
118-74-1	Hexachlorobenzene	ND		2600	10
87-86-5	Pentachlorophenol	ND		44000	10
85-01-8	Phenanthrene	810	T	1300	10
120-12-7	Anthracene	ND		1300	10
86-74-8	Carbazole	ND		4200	10
84-74-2	Di-n-butyl phthalate	ND		1300	10
206-44-0	Fluoranthene	600	T	1300	10
129-00-0	Pyrene	ND		1300	10
85-68-7	Butyl benzyl phthalate	ND		1300	10
56-55-3	Benz(a)anthracene	ND		1300	10
218-01-9	Chrysene	ND		1300	10
117-81-7	Bis(2-ethylhexyl)phthalate	ND		2600	10
117-84-0	Di-n-octyl phthalate	ND		2600	10
205-99-2	Benzo(b)fluoranthene	ND		2600	10
207-08-9	Benzo(k)fluoranthene	ND		2600	10
50-32-8	Benzo(a)pyrene	ND		2600	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		2600	10
53-70-3	Dibenz(a,h)anthracene	ND		2600	10
191-24-2	Benzo(g,h,i)perylene	ND		2600	10

The elevated reporting limits are due to matrix interferences.

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-08OS

Date Collected:	6/1/2000	Test Code:	SPCB
Date Extracted:	6/12/2000 by tm-1185	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	MC15-90-B
Total Solids:	78%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		130	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		130	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		130	1.0
53469-21-9	Aroclor 1242 (PCB)	ND		130	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		130	1.0
11097-69-1	Aroclor 1254 (PCB)	ND		130	1.0
11096-82-5	Aroclor 1260 (PCB)	ND		130	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		130	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		130	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-09ME

Date Collected:	6/1/2000	Test Code:	SME
		Test Name:	MEOH-Sed
Date Analyzed:	6/6/2000 by KL	Sample ID:	MC16-00-30
Total Solids:	45%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
75-71-8	Dichlorodifluoromethane	ND		540	48.7
74-87-3	Chloromethane	ND		540	48.7
75-01-4	Vinyl chloride	ND		220	48.7
74-83-9	Bromomethane	ND		540	48.7
75-00-3	Chloroethane	ND		540	48.7
75-69-4	Trichlorofluoromethane	ND		540	48.7
67-64-1	Acetone	ND		1600	48.7
60-29-7	Diethyl ether	ND		540	48.7
75-35-4	1,1-Dichloroethylene	ND		110	48.7
74-88-4	Methyl iodide	ND		220	48.7
107-13-1	Acrylonitrile	ND		540	48.7
75-09-2	Methylene chloride	ND		540	48.7
75-15-0	Carbon disulfide	ND		540	48.7
156-60-5	trans-1,2-Dichloroethylene	ND		110	48.7
1634-04-4	Methyltertbutylether (MTBE)	ND		540	48.7
75-34-3	1,1-Dichloroethane	ND		110	48.7
78-93-3	2-Butanone (MEK)	ND		540	48.7
156-59-2	cis-1,2-Dichloroethylene	ND		110	48.7
67-66-3	Chloroform	ND		110	48.7
74-97-5	Bromochloromethane	ND		220	48.7
71-55-6	1,1,1-Trichloroethane	ND		110	48.7
107-06-2	1,2-Dichloroethane	ND		110	48.7
71-43-2	Benzene	ND		110	48.7
56-23-5	Carbon tetrachloride	ND		110	48.7
78-87-5	1,2-Dichloropropane	ND		110	48.7
79-01-6	Trichloroethylene	ND		110	48.7
74-95-3	Dibromomethane	ND		220	48.7
75-27-4	Bromodichloromethane	ND		220	48.7
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		540	48.7
10061-01-5	cis-1,3-Dichloropropene	ND		110	48.7
10061-02-6	trans-1,3-Dichloropropene	ND		110	48.7
108-88-3	Toluene	3800	J	110	48.7
79-00-5	1,1,2-Trichloroethane	ND		110	48.7
591-78-6	2-Hexanone	ND		540	48.7
124-48-1	Dibromochloromethane	ND		220	48.7
106-93-4	1,2-Dibromoethane	ND		110	48.7

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
127-18-4	Tetrachloroethene	ND		110	48.7
108-90-7	Chlorobenzene	ND		110	48.7
630-20-6	1,1,1,2-Tetrachloroethane	ND		220	48.7
100-41-4	Ethylbenzene	ND		110	48.7
108383,106423	m & p-Xylene	ND		220	48.7
75-25-2	Bromoform	ND		220	48.7
100-42-5	Styrene	ND		110	48.7
95-47-6	o-Xylene	ND		110	48.7
79-34-5	1,1,2,2-Tetrachloroethane	ND		220	48.7
96-18-4	1,2,3-Trichloropropane	ND		220	48.7
110-57-6	trans-1,4-Dichloro-2-butene	ND		220	48.7
98-82-8	Isopropylbenzene	ND		220	48.7
108-86-1	Bromobenzene	ND		220	48.7
103-65-1	n-Propylbenzene	ND		220	48.7
108-67-8	1,3,5-Trimethylbenzene	ND		220	48.7
98-06-6	tert-Butylbenzene	ND		540	48.7
95-63-6	1,2,4-Trimethylbenzene	ND		220	48.7
135-98-8	sec-Butylbenzene	ND		540	48.7
541-73-1	1,3-Dichlorobenzene	ND		220	48.7
106-46-7	1,4-Dichlorobenzene	ND		220	48.7
99-87-6	p-Isopropyl toluene	ND		540	48.7
95-50-1	1,2-Dichlorobenzene	ND		220	48.7
104-51-8	n-Butylbenzene	ND		540	48.7
67-72-1	Hexachloroethane	ND		220	48.7
96-12-8	1,2-Dibromo-3-chloropropane	ND		540	48.7
120-82-1	1,2,4-Trichlorobenzene	ND		540	48.7
91-20-3	Naphthalene	ND		540	48.7
87-61-6	1,2,3-Trichlorobenzene	ND		540	48.7
91-57-6	2-Methylnaphthalene	ND		540	48.7

UnID Peaks.
"J" code all results and reporting limits due to low surrogate recoveries.
"ST" code due to sample was preserved in the Lab.

ND = not detected at the specified reporting limit. NM = not measured.
Reference method is 8260.
USEPA Methods 8260 and 624 are used to quantitate volatile organic compounds that have boiling points below 200°C.
2-Methylnaphthalene and naphthalene are compounds with boiling points above 200°C and are better suited to quantitation by USEPA Methods 8270 or 625 as semivolatile organic compounds.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-09OS

Date Collected:	6/1/2000	Test Code:	SBNA
Date Extracted:	6/13/2000 by tm-1186	Test Name:	BNA - Sediment
Date Analyzed:	6/21/2000 by JRS	Sample ID:	MC16-00-30
Total Solids:	45%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		730	1
108-95-2	Phenol	ND		730	1
111-44-4	Bis(2-chloroethyl)ether	ND		220	1
95-57-8	2-Chlorophenol	ND		730	1
541-73-1	1,3-Dichlorobenzene	ND		220	1
106-46-7	1,4-Dichlorobenzene	ND		220	1
95-50-1	1,2-Dichlorobenzene	ND		220	1
95-48-7	2-Methylphenol (o-cresol)	ND		730	1
108-60-1	Bis(2-chloroisopropyl)ether	ND		220	1
108394,106445	3/4-Methylphenol (m/p-cresol)	720	T	1500	1
621-64-7	N-Nitrosodi-n-propylamine	ND		440	1
67-72-1	Hexachloroethane	ND		220	1
98-95-3	Nitrobenzene	ND		440	1
78-59-1	Isophorone	ND		220	1
88-75-5	2-Nitrophenol	ND		730	1
105-67-9	2,4-Dimethylphenol	ND		730	1
111-91-1	Bis(2-chloroethoxy)methane	ND		440	1
120-83-2	2,4-Dichlorophenol	ND		730	1
120-82-1	1,2,4-Trichlorobenzene	ND		440	1
91-20-3	Naphthalene	320		220	1
87-68-3	Hexachlorobutadiene	ND		440	1
59-50-7	4-Chloro-3-methylphenol	ND		730	1
91-57-6	2-Methylnaphthalene	ND		560	1
77-47-4	Hexachlorocyclopentadiene	ND		4400	1
88-06-2	2,4,6-Trichlorophenol	ND		730	1
95-95-4	2,4,5-Trichlorophenol	ND		730	1
91-58-7	2-Chloronaphthalene	ND		440	1
88-74-4	2-Nitroaniline	ND		3800	1
208-96-8	Acenaphthylene	ND		220	1
131-11-3	Dimethyl phthalate	ND		440	1
606-20-2	2,6-Dinitrotoluene	ND		730	1
99-09-2	3-Nitroaniline	ND		3800	1
83-32-9	Acenaphthene	ND		220	1
51-28-5	2,4-Dinitrophenol	ND		3800	1
132-64-9	Dibenzofuran	ND		730	1
100-02-7	4-Nitrophenol	ND		3800	1

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		730	1
86-73-7	Fluorene	ND		220	1
84-66-2	Diethyl phthalate	ND		220	1
100-01-6	4-Nitroaniline	ND		3800	1
534-52-1	2-Methyl-4,6-dinitrophenol	ND		3800	1
7005-72-3	4-Chlorophenyl phenylether	ND		220	1
156-10-5	N-Nitrosodiphenylamine	ND		440	1
103-33-3	Azobenzene	ND		440	1
101-55-3	4-Bromophenyl phenylether	ND		440	1
118-74-1	Hexachlorobenzene	ND		440	1
87-86-5	Pentachlorophenol	ND		7600	1
85-01-8	Phenanthrene	600		220	1
120-12-7	Anthracene	120	T	220	1
86-74-8	Carbazole	ND		730	1
84-74-2	Di-n-butyl phthalate	ND		220	1
206-44-0	Fluoranthene	620		220	1
129-00-0	Pyrene	480		220	1
85-68-7	Butyl benzyl phthalate	ND		220	1
56-55-3	Benz(a)anthracene	200	T	220	1
218-01-9	Chrysene	260		220	1
117-81-7	Bis(2-ethylhexyl)phthalate	1800		440	1
117-84-0	Di-n-octyl phthalate	ND		440	1
205-99-2	Benzo(b)fluoranthene	ND		440	1
207-08-9	Benzo(k)fluoranthene	ND		440	1
50-32-8	Benzo(a)pyrene	ND		440	1
193-39-5	Indeno(1,2,3-cd)pyrene	ND		440	1
53-70-3	Dibenz(a,h)anthracene	ND		440	1
191-24-2	Benzo(g,h,i)perylene	ND		440	1

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-09OS

Date Collected:	6/1/2000	Test Code:	SPCB
Date Extracted:	6/12/2000 by tm-1185	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	MC16-00-30
Total Solids:	45%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		220	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		220	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		220	1.0
53469-21-9	Aroclor 1242 (PCB)	5700		220	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		220	1.0
11097-69-1	Aroclor 1254 (PCB)	5600		220	1.0
11096-82-5	Aroclor 1260 (PCB)	1500		220	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		220	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		220	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns
LH - low surrogate recovery

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-10ME

Date Collected:	6/1/2000	Test Code:	SME
		Test Name:	MEOH-Sed
Date Analyzed:	6/6/2000 by KL	Sample ID:	MC16-30-90
Total Solids:	48%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
75-71-8	Dichlorodifluoromethane	ND		520	50.3
74-87-3	Chloromethane	ND		520	50.3
75-01-4	Vinyl chloride	ND		210	50.3
74-83-9	Bromomethane	ND		520	50.3
75-00-3	Chloroethane	ND		520	50.3
75-69-4	Trichlorofluoromethane	ND		520	50.3
67-64-1	Acetone	ND		1600	50.3
60-29-7	Diethyl ether	ND		520	50.3
75-35-4	1,1-Dichloroethylene	ND		100	50.3
74-88-4	Methyl iodide	ND		210	50.3
107-13-1	Acrylonitrile	ND		520	50.3
75-09-2	Methylene chloride	ND		520	50.3
75-15-0	Carbon disulfide	ND		520	50.3
156-60-5	trans-1,2-Dichloroethylene	ND		100	50.3
1634-04-4	Methyltertbutylether (MTBE)	ND		520	50.3
75-34-3	1,1-Dichloroethane	ND		100	50.3
78-93-3	2-Butanone (MEK)	ND		520	50.3
156-59-2	cis-1,2-Dichloroethylene	ND		100	50.3
67-66-3	Chloroform	ND		100	50.3
74-97-5	Bromochloromethane	ND		210	50.3
71-55-6	1,1,1-Trichloroethane	ND		100	50.3
107-06-2	1,2-Dichloroethane	ND		100	50.3
71-43-2	Benzene	ND		100	50.3
56-23-5	Carbon tetrachloride	ND		100	50.3
78-87-5	1,2-Dichloropropane	ND		100	50.3
79-01-6	Trichloroethylene	ND		100	50.3
74-95-3	Dibromomethane	ND		210	50.3
75-27-4	Bromodichloromethane	ND		210	50.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		520	50.3
10061-01-5	cis-1,3-Dichloropropene	ND		100	50.3
10061-02-6	trans-1,3-Dichloropropene	ND		100	50.3
108-88-3	Toluene	310	J	100	50.3
79-00-5	1,1,2-Trichloroethane	ND		100	50.3
591-78-6	2-Hexanone	ND		520	50.3
124-48-1	Dibromochloromethane	ND		210	50.3
106-93-4	1,2-Dibromoethane	ND		100	50.3

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
127-18-4	Tetrachloroethene	ND		100	50.3
108-90-7	Chlorobenzene	ND		100	50.3
630-20-6	1,1,1,2-Tetrachloroethane	ND		210	50.3
100-41-4	Ethylbenzene	ND		100	50.3
108383,106423	m & p-Xylene	ND		210	50.3
75-25-2	Bromoform	ND		210	50.3
100-42-5	Styrene	ND		100	50.3
95-47-6	o-Xylene	ND		100	50.3
79-34-5	1,1,2,2-Tetrachloroethane	ND		210	50.3
96-18-4	1,2,3-Trichloropropane	ND		210	50.3
110-57-6	trans-1,4-Dichloro-2-butene	ND		210	50.3
98-82-8	Isopropylbenzene	ND		210	50.3
108-86-1	Bromobenzene	ND		210	50.3
103-65-1	n-Propylbenzene	ND		210	50.3
108-67-8	1,3,5-Trimethylbenzene	ND		210	50.3
98-06-6	tert-Butylbenzene	ND		520	50.3
95-63-6	1,2,4-Trimethylbenzene	ND		210	50.3
135-98-8	sec-Butylbenzene	ND		520	50.3
541-73-1	1,3-Dichlorobenzene	ND		210	50.3
106-46-7	1,4-Dichlorobenzene	ND		210	50.3
99-87-6	p-Isopropyl toluene	ND		520	50.3
95-50-1	1,2-Dichlorobenzene	ND		210	50.3
104-51-8	n-Butylbenzene	ND		520	50.3
67-72-1	Hexachloroethane	ND		210	50.3
96-12-8	1,2-Dibromo-3-chloropropane	ND		520	50.3
120-82-1	1,2,4-Trichlorobenzene	ND		520	50.3
91-20-3	Naphthalene	450	T	520	50.3
87-61-6	1,2,3-Trichlorobenzene	ND		520	50.3
91-57-6	2-Methylnaphthalene	ND		520	50.3

UnID Peaks.
"J" code all results and reporting limits due to low surrogate recoveries.
"ST" code due to sample was preserved in the Lab.

ND = not detected at the specified reporting limit. NM = not measured.
Reference method is 8260.
USEPA Methods 8260 and 624 are used to quantitate volatile organic compounds that have boiling points below 200°C.
2-Methylnaphthalene and naphthalene are compounds with boiling points above 200°C and are better suited to quantitation by USEPA Methods 8270 or 625 as semivolatile organic compounds.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-10OS

Date Collected:	6/1/2000	Test Code:	SBNA
Date Extracted:	6/13/2000 by tm-1186	Test Name:	BNA - Sediment
Date Analyzed:	6/22/2000 by SMG	Sample ID:	MC16-30-90
Total Solids:	48%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		6900	10
108-95-2	Phenol	ND		6900	10
111-44-4	Bis(2-chloroethyl)ether	ND		2100	10
95-57-8	2-Chlorophenol	ND		6900	10
541-73-1	1,3-Dichlorobenzene	ND		2100	10
106-46-7	1,4-Dichlorobenzene	ND		2100	10
95-50-1	1,2-Dichlorobenzene	ND		2100	10
95-48-7	2-Methylphenol (o-cresol)	ND		6900	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		2100	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		14000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		4200	10
67-72-1	Hexachloroethane	ND		2100	10
98-95-3	Nitrobenzene	ND		4200	10
78-59-1	Isophorone	ND		2100	10
88-75-5	2-Nitrophenol	ND		6900	10
105-67-9	2,4-Dimethylphenol	ND		6900	10
111-91-1	Bis(2-chloroethoxy)methane	ND		4200	10
120-83-2	2,4-Dichlorophenol	ND		6900	10
120-82-1	1,2,4-Trichlorobenzene	ND		4200	10
91-20-3	Naphthalene	ND		2100	10
87-68-3	Hexachlorobutadiene	ND		4200	10
59-50-7	4-Chloro-3-methylphenol	ND		6900	10
91-57-6	2-Methylnaphthalene	ND		5200	10
77-47-4	Hexachlorocyclopentadiene	ND		42000	10
88-06-2	2,4,6-Trichlorophenol	ND		6900	10
95-95-4	2,4,5-Trichlorophenol	ND		6900	10
91-58-7	2-Chloronaphthalene	ND		4200	10
88-74-4	2-Nitroaniline	ND		35000	10
208-96-8	Acenaphthylene	ND		2100	10
131-11-3	Dimethyl phthalate	ND		4200	10
606-20-2	2,6-Dinitrotoluene	ND		6900	10
99-09-2	3-Nitroaniline	ND		35000	10
83-32-9	Acenaphthene	ND		2100	10
51-28-5	2,4-Dinitrophenol	ND		35000	10
132-64-9	Dibenzofuran	ND		6900	10
100-02-7	4-Nitrophenol	ND		35000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		6900	10
86-73-7	Fluorene	ND		2100	10
84-66-2	Diethyl phthalate	ND		2100	10
100-01-6	4-Nitroaniline	ND		35000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		35000	10
7005-72-3	4-Chlorophenyl phenylether	ND		2100	10
156-10-5	N-Nitrosodiphenylamine	ND		4200	10
103-33-3	Azobenzene	ND		4200	10
101-55-3	4-Bromophenyl phenylether	ND		4200	10
118-74-1	Hexachlorobenzene	ND		4200	10
87-86-5	Pentachlorophenol	ND		71000	10
85-01-8	Phenanthrene	1200	T	2100	10
120-12-7	Anthracene	ND		2100	10
86-74-8	Carbazole	ND		6900	10
84-74-2	Di-n-butyl phthalate	ND		2100	10
206-44-0	Fluoranthene	1000	T	2100	10
129-00-0	Pyrene	1100	T	2100	10
85-68-7	Butyl benzyl phthalate	ND		2100	10
56-55-3	Benz(a)anthracene	ND		2100	10
218-01-9	Chrysene	ND		2100	10
117-81-7	Bis(2-ethylhexyl)phthalate	3600	T	4200	10
117-84-0	Di-n-octyl phthalate	ND		4200	10
205-99-2	Benzo(b)fluoranthene	ND		4200	10
207-08-9	Benzo(k)fluoranthene	ND		4200	10
50-32-8	Benzo(a)pyrene	ND		4200	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		4200	10
53-70-3	Dibenz(a,h)anthracene	ND		4200	10
191-24-2	Benzo(g,h,i)perylene	ND		4200	10

The elevated reporting limits are due to matrix interferences.

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-10OS

Date Collected:	6/1/2000	Test Code:	SPCB
Date Extracted:	6/12/2000 by tm-1185	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	MC16-30-90
Total Solids:	48%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		210	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		210	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		210	1.0
53469-21-9	Aroclor 1242 (PCB)	3100		210	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		210	1.0
11097-69-1	Aroclor 1254 (PCB)	4600		210	1.0
11096-82-5	Aroclor 1260 (PCB)	980		210	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		210	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		210	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns
LH - low surrogate recovery

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-11ME

Date Collected:	6/1/2000	Test Code:	SME
		Test Name:	MEOH-Sed
Date Analyzed:	6/6/2000 by KL	Sample ID:	MC16-30-90DUP
Total Solids:	48%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
75-71-8	Dichlorodifluoromethane	ND		530	50.8
74-87-3	Chloromethane	ND		530	50.8
75-01-4	Vinyl chloride	ND		210	50.8
74-83-9	Bromomethane	ND		530	50.8
75-00-3	Chloroethane	ND		530	50.8
75-69-4	Trichlorofluoromethane	ND		530	50.8
67-64-1	Acetone	ND		1600	50.8
60-29-7	Diethyl ether	ND		530	50.8
75-35-4	1,1-Dichloroethylene	ND		110	50.8
74-88-4	Methyl iodide	ND		210	50.8
107-13-1	Acrylonitrile	ND		530	50.8
75-09-2	Methylene chloride	ND		530	50.8
75-15-0	Carbon disulfide	ND		530	50.8
156-60-5	trans-1,2-Dichloroethylene	ND		110	50.8
1634-04-4	Methyltertbutylether (MTBE)	ND		530	50.8
75-34-3	1,1-Dichloroethane	ND		110	50.8
78-93-3	2-Butanone (MEK)	ND		530	50.8
156-59-2	cis-1,2-Dichloroethylene	ND		110	50.8
67-66-3	Chloroform	ND		110	50.8
74-97-5	Bromochloromethane	ND		210	50.8
71-55-6	1,1,1-Trichloroethane	ND		110	50.8
107-06-2	1,2-Dichloroethane	ND		110	50.8
71-43-2	Benzene	ND		110	50.8
56-23-5	Carbon tetrachloride	ND		110	50.8
78-87-5	1,2-Dichloropropane	ND		110	50.8
79-01-6	Trichloroethylene	ND		110	50.8
74-95-3	Dibromomethane	ND		210	50.8
75-27-4	Bromodichloromethane	ND		210	50.8
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		530	50.8
10061-01-5	cis-1,3-Dichloropropene	ND		110	50.8
10061-02-6	trans-1,3-Dichloropropene	ND		110	50.8
108-88-3	Toluene	320		110	50.8
79-00-5	1,1,2-Trichloroethane	ND		110	50.8
591-78-6	2-Hexanone	ND		530	50.8
124-48-1	Dibromochloromethane	ND		210	50.8
106-93-4	1,2-Dibromoethane	ND		110	50.8

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
127-18-4	Tetrachloroethene	ND		110	50.8
108-90-7	Chlorobenzene	ND		110	50.8
630-20-6	1,1,1,2-Tetrachloroethane	ND		210	50.8
100-41-4	Ethylbenzene	ND		110	50.8
108383,106423	m & p-Xylene	ND		210	50.8
75-25-2	Bromoform	ND		210	50.8
100-42-5	Styrene	ND		110	50.8
95-47-6	o-Xylene	ND		110	50.8
79-34-5	1,1,2,2-Tetrachloroethane	ND		210	50.8
96-18-4	1,2,3-Trichloropropane	ND		210	50.8
110-57-6	trans-1,4-Dichloro-2-butene	ND		210	50.8
98-82-8	Isopropylbenzene	ND		210	50.8
108-86-1	Bromobenzene	ND		210	50.8
103-65-1	n-Propylbenzene	ND		210	50.8
108-67-8	1,3,5-Trimethylbenzene	ND		210	50.8
98-06-6	tert-Butylbenzene	ND		530	50.8
95-63-6	1,2,4-Trimethylbenzene	ND		210	50.8
135-98-8	sec-Butylbenzene	ND		530	50.8
541-73-1	1,3-Dichlorobenzene	ND		210	50.8
106-46-7	1,4-Dichlorobenzene	ND		210	50.8
99-87-6	p-Isopropyl toluene	ND		530	50.8
95-50-1	1,2-Dichlorobenzene	ND		210	50.8
104-51-8	n-Butylbenzene	ND		530	50.8
67-72-1	Hexachloroethane	ND		210	50.8
96-12-8	1,2-Dibromo-3-chloropropane	ND		530	50.8
120-82-1	1,2,4-Trichlorobenzene	ND		530	50.8
91-20-3	Naphthalene	530		530	50.8
87-61-6	1,2,3-Trichlorobenzene	ND		530	50.8
91-57-6	2-Methylnaphthalene	ND		530	50.8

UnID Peaks.
"J" code all results and reporting limits due to low surrogate recoveries.
"ST" code due to sample was preserved in the Lab.

ND = not detected at the specified reporting limit. NM = not measured.
Reference method is 8260.
USEPA Methods 8260 and 624 are used to quantitate volatile organic compounds that have boiling points below 200°C.
2-Methylnaphthalene and naphthalene are compounds with boiling points above 200°C and are better suited to quantitation by USEPA Methods 8270 or 625 as semivolatile organic compounds.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-11OS

Date Collected:	6/1/2000	Test Code:	SBNA
Date Extracted:	6/13/2000 by tm-1186	Test Name:	BNA - Sediment
Date Analyzed:	6/22/2000 by SMG	Sample ID:	MC16-30-90DUP
Total Solids:	48%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		6900	10
108-95-2	Phenol	ND		6900	10
111-44-4	Bis(2-chloroethyl)ether	ND		2100	10
95-57-8	2-Chlorophenol	ND		6900	10
541-73-1	1,3-Dichlorobenzene	ND		2100	10
106-46-7	1,4-Dichlorobenzene	ND		2100	10
95-50-1	1,2-Dichlorobenzene	ND		2100	10
95-48-7	2-Methylphenol (o-cresol)	ND		6900	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		2100	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		14000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		4200	10
67-72-1	Hexachloroethane	ND		2100	10
98-95-3	Nitrobenzene	ND		4200	10
78-59-1	Isophorone	ND		2100	10
88-75-5	2-Nitrophenol	ND		6900	10
105-67-9	2,4-Dimethylphenol	ND		6900	10
111-91-1	Bis(2-chloroethoxy)methane	ND		4200	10
120-83-2	2,4-Dichlorophenol	ND		6900	10
120-82-1	1,2,4-Trichlorobenzene	ND		4200	10
91-20-3	Naphthalene	ND		2100	10
87-68-3	Hexachlorobutadiene	ND		4200	10
59-50-7	4-Chloro-3-methylphenol	ND		6900	10
91-57-6	2-Methylnaphthalene	ND		5200	10
77-47-4	Hexachlorocyclopentadiene	ND		42000	10
88-06-2	2,4,6-Trichlorophenol	ND		6900	10
95-95-4	2,4,5-Trichlorophenol	ND		6900	10
91-58-7	2-Chloronaphthalene	ND		4200	10
88-74-4	2-Nitroaniline	ND		35000	10
208-96-8	Acenaphthylene	ND		2100	10
131-11-3	Dimethyl phthalate	ND		4200	10
606-20-2	2,6-Dinitrotoluene	ND		6900	10
99-09-2	3-Nitroaniline	ND		35000	10
83-32-9	Acenaphthene	ND		2100	10
51-28-5	2,4-Dinitrophenol	ND		35000	10
132-64-9	Dibenzofuran	ND		6900	10
100-02-7	4-Nitrophenol	ND		35000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		6900	10
86-73-7	Fluorene	ND		2100	10
84-66-2	Diethyl phthalate	ND		2100	10
100-01-6	4-Nitroaniline	ND		35000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		35000	10
7005-72-3	4-Chlorophenyl phenylether	ND		2100	10
156-10-5	N-Nitrosodiphenylamine	ND		4200	10
103-33-3	Azobenzene	ND		4200	10
101-55-3	4-Bromophenyl phenylether	ND		4200	10
118-74-1	Hexachlorobenzene	ND		4200	10
87-86-5	Pentachlorophenol	ND		71000	10
85-01-8	Phenanthrene	1400	T	2100	10
120-12-7	Anthracene	ND		2100	10
86-74-8	Carbazole	ND		6900	10
84-74-2	Di-n-butyl phthalate	ND		2100	10
206-44-0	Fluoranthene	1200	T	2100	10
129-00-0	Pyrene	1200	T	2100	10
85-68-7	Butyl benzyl phthalate	ND		2100	10
56-55-3	Benz(a)anthracene	ND		2100	10
218-01-9	Chrysene	ND		2100	10
117-81-7	Bis(2-ethylhexyl)phthalate	3400	T	4200	10
117-84-0	Di-n-octyl phthalate	ND		4200	10
205-99-2	Benzo(b)fluoranthene	ND		4200	10
207-08-9	Benzo(k)fluoranthene	ND		4200	10
50-32-8	Benzo(a)pyrene	ND		4200	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		4200	10
53-70-3	Dibenz(a,h)anthracene	ND		4200	10
191-24-2	Benzo(g,h,i)perylene	ND		4200	10

The elevated reporting limits are due to matrix interferences.

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-11OS

Date Collected:	6/1/2000	Test Code:	SPCB
Date Extracted:	6/12/2000 by tm-1185	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	MC16-30-90DUP
Total Solids:	48%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		210	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		210	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		210	1.0
53469-21-9	Aroclor 1242 (PCB)	3300		210	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		210	1.0
11097-69-1	Aroclor 1254 (PCB)	5300		210	1.0
11096-82-5	Aroclor 1260 (PCB)	940		210	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		210	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		210	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns
LH - low surrogate recovery

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-12ME

Date Collected:	6/1/2000	Test Code:	SME
		Test Name:	MEOH-Sed
Date Analyzed:	6/7/2000 by GRINWISS	Sample ID:	MC16-90-150
Total Solids:	50%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
75-71-8	Dichlorodifluoromethane	ND		480	48.4
74-87-3	Chloromethane	ND		480	48.4
75-01-4	Vinyl chloride	ND		190	48.4
74-83-9	Bromomethane	ND		480	48.4
75-00-3	Chloroethane	ND		480	48.4
75-69-4	Trichlorofluoromethane	ND		480	48.4
67-64-1	Acetone	ND		1500	48.4
60-29-7	Diethyl ether	ND		480	48.4
75-35-4	1,1-Dichloroethylene	ND		97	48.4
74-88-4	Methyl iodide	ND		190	48.4
107-13-1	Acrylonitrile	ND		480	48.4
75-09-2	Methylene chloride	ND		480	48.4
75-15-0	Carbon disulfide	ND		480	48.4
156-60-5	trans-1,2-Dichloroethylene	ND		97	48.4
1634-04-4	Methyltertbutylether (MTBE)	ND		480	48.4
75-34-3	1,1-Dichloroethane	ND		97	48.4
78-93-3	2-Butanone (MEK)	ND		480	48.4
156-59-2	cis-1,2-Dichloroethylene	ND		97	48.4
67-66-3	Chloroform	ND		97	48.4
74-97-5	Bromochloromethane	ND		190	48.4
71-55-6	1,1,1-Trichloroethane	ND		97	48.4
107-06-2	1,2-Dichloroethane	ND		97	48.4
71-43-2	Benzene	ND		97	48.4
56-23-5	Carbon tetrachloride	ND		97	48.4
78-87-5	1,2-Dichloropropane	ND		97	48.4
79-01-6	Trichloroethylene	ND		97	48.4
74-95-3	Dibromomethane	ND		190	48.4
75-27-4	Bromodichloromethane	ND		190	48.4
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		480	48.4
10061-01-5	cis-1,3-Dichloropropene	ND		97	48.4
10061-02-6	trans-1,3-Dichloropropene	ND		97	48.4
108-88-3	Toluene	220	J	97	48.4
79-00-5	1,1,2-Trichloroethane	ND		97	48.4
591-78-6	2-Hexanone	ND		480	48.4
124-48-1	Dibromochloromethane	ND		190	48.4
106-93-4	1,2-Dibromoethane	ND		97	48.4

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
127-18-4	Tetrachloroethene	ND		97	48.4
108-90-7	Chlorobenzene	ND		97	48.4
630-20-6	1,1,1,2-Tetrachloroethane	ND		190	48.4
100-41-4	Ethylbenzene	ND		97	48.4
108383,106423	m & p-Xylene	ND		190	48.4
75-25-2	Bromoform	ND		190	48.4
100-42-5	Styrene	ND		97	48.4
95-47-6	o-Xylene	ND		97	48.4
79-34-5	1,1,2,2-Tetrachloroethane	ND		190	48.4
96-18-4	1,2,3-Trichloropropane	ND		190	48.4
110-57-6	trans-1,4-Dichloro-2-butene	ND		190	48.4
98-82-8	Isopropylbenzene	ND		190	48.4
108-86-1	Bromobenzene	ND		190	48.4
103-65-1	n-Propylbenzene	ND		190	48.4
108-67-8	1,3,5-Trimethylbenzene	ND		190	48.4
98-06-6	tert-Butylbenzene	ND		480	48.4
95-63-6	1,2,4-Trimethylbenzene	190	J	190	48.4
135-98-8	sec-Butylbenzene	ND		480	48.4
541-73-1	1,3-Dichlorobenzene	ND		190	48.4
106-46-7	1,4-Dichlorobenzene	ND		190	48.4
99-87-6	p-Isopropyl toluene	ND		480	48.4
95-50-1	1,2-Dichlorobenzene	ND		190	48.4
104-51-8	n-Butylbenzene	ND		480	48.4
67-72-1	Hexachloroethane	ND		190	48.4
96-12-8	1,2-Dibromo-3-chloropropane	ND		480	48.4
120-82-1	1,2,4-Trichlorobenzene	ND		480	48.4
91-20-3	Naphthalene	ND		480	48.4
87-61-6	1,2,3-Trichlorobenzene	ND		480	48.4
91-57-6	2-Methylnaphthalene	610	J	480	48.4

ND = not detected at the specified reporting limit. NM = not measured.
Reference method is 8260.
USEPA Methods 8260 and 624 are used to quantitate volatile organic compounds that have boiling points below 200°C.
2-Methylnaphthalene and naphthalene are compounds with boiling points above 200°C and are better suited to quantitation by USEPA Methods 8270 or 625 as semivolatile organic compounds.

CODE "ST" , LAB PRESERVED, "J" CODE ALL RESULTS DUE TO POOR SURROGATE RECOVERY, UNiD PEAKS

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-12OS

Date Collected:	6/1/2000	Test Code:	SBNA
Date Extracted:	6/13/2000 by tm-1186	Test Name:	BNA - Sediment
Date Analyzed:	6/21/2000 by SMG	Sample ID:	MC16-90-150
Total Solids:	50%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		660	1
108-95-2	Phenol	ND		660	1
111-44-4	Bis(2-chloroethyl)ether	ND		200	1
95-57-8	2-Chlorophenol	ND		660	1
541-73-1	1,3-Dichlorobenzene	ND		200	1
106-46-7	1,4-Dichlorobenzene	ND		200	1
95-50-1	1,2-Dichlorobenzene	ND		200	1
95-48-7	2-Methylphenol (o-cresol)	ND		660	1
108-60-1	Bis(2-chloroisopropyl)ether	ND		200	1
108394,106445	3/4-Methylphenol (m/p-cresol)	650	T	1300	1
621-64-7	N-Nitrosodi-n-propylamine	ND		400	1
67-72-1	Hexachloroethane	ND		200	1
98-95-3	Nitrobenzene	ND		400	1
78-59-1	Isophorone	ND		200	1
88-75-5	2-Nitrophenol	ND		660	1
105-67-9	2,4-Dimethylphenol	ND		660	1
111-91-1	Bis(2-chloroethoxy)methane	ND		400	1
120-83-2	2,4-Dichlorophenol	ND		660	1
120-82-1	1,2,4-Trichlorobenzene	ND		400	1
91-20-3	Naphthalene	330		200	1
87-68-3	Hexachlorobutadiene	ND		400	1
59-50-7	4-Chloro-3-methylphenol	ND		660	1
91-57-6	2-Methylnaphthalene	ND		500	1
77-47-4	Hexachlorocyclopentadiene	ND		4000	1
88-06-2	2,4,6-Trichlorophenol	ND		660	1
95-95-4	2,4,5-Trichlorophenol	ND		660	1
91-58-7	2-Chloronaphthalene	ND		400	1
88-74-4	2-Nitroaniline	ND		3400	1
208-96-8	Acenaphthylene	ND		200	1
131-11-3	Dimethyl phthalate	ND		400	1
606-20-2	2,6-Dinitrotoluene	ND		660	1
99-09-2	3-Nitroaniline	ND		3400	1
83-32-9	Acenaphthene	ND		200	1
51-28-5	2,4-Dinitrophenol	ND		3400	1
132-64-9	Dibenzofuran	ND		660	1
100-02-7	4-Nitrophenol	ND		3400	1

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		660	1
86-73-7	Fluorene	ND		200	1
84-66-2	Diethyl phthalate	ND		200	1
100-01-6	4-Nitroaniline	ND		3400	1
534-52-1	2-Methyl-4,6-dinitrophenol	ND		3400	1
7005-72-3	4-Chlorophenyl phenylether	ND		200	1
156-10-5	N-Nitrosodiphenylamine	ND		400	1
103-33-3	Azobenzene	ND		400	1
101-55-3	4-Bromophenyl phenylether	ND		400	1
118-74-1	Hexachlorobenzene	ND		400	1
87-86-5	Pentachlorophenol	ND		6800	1
85-01-8	Phenanthrene	680		200	1
120-12-7	Anthracene	ND		200	1
86-74-8	Carbazole	ND		660	1
84-74-2	Di-n-butyl phthalate	ND		200	1
206-44-0	Fluoranthene	570		200	1
129-00-0	Pyrene	470		200	1
85-68-7	Butyl benzyl phthalate	ND		200	1
56-55-3	Benz(a)anthracene	ND		200	1
218-01-9	Chrysene	ND		200	1
117-81-7	Bis(2-ethylhexyl)phthalate	1200		400	1
117-84-0	Di-n-octyl phthalate	ND		400	1
205-99-2	Benzo(b)fluoranthene	ND		400	1
207-08-9	Benzo(k)fluoranthene	ND		400	1
50-32-8	Benzo(a)pyrene	ND		400	1
193-39-5	Indeno(1,2,3-cd)pyrene	ND		400	1
53-70-3	Dibenz(a,h)anthracene	ND		400	1
191-24-2	Benzo(g,h,i)perylene	ND		400	1

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-12OS

Date Collected:	6/1/2000	Test Code:	SPCB
Date Extracted:	6/12/2000 by tm-1185	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	MC16-90-150
Total Solids:	50%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		200	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		200	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		200	1.0
53469-21-9	Aroclor 1242 (PCB)	4800		200	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		200	1.0
11097-69-1	Aroclor 1254 (PCB)	4000		200	1.0
11096-82-5	Aroclor 1260 (PCB)	1400		200	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		200	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		200	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-13ME

Date Collected:	6/1/2000	Test Code:	SME
		Test Name:	MEOH-Sed
Date Analyzed:	6/7/2000 by GRINWISS	Sample ID:	MC16-150-210
Total Solids:	51%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
75-71-8	Dichlorodifluoromethane	ND		500	51.4
74-87-3	Chloromethane	ND		500	51.4
75-01-4	Vinyl chloride	ND		200	51.4
74-83-9	Bromomethane	ND		500	51.4
75-00-3	Chloroethane	ND		500	51.4
75-69-4	Trichlorofluoromethane	ND		500	51.4
67-64-1	Acetone	ND		1500	51.4
60-29-7	Diethyl ether	ND		500	51.4
75-35-4	1,1-Dichloroethylene	ND		100	51.4
74-88-4	Methyl iodide	ND		200	51.4
107-13-1	Acrylonitrile	ND		500	51.4
75-09-2	Methylene chloride	ND		500	51.4
75-15-0	Carbon disulfide	ND		500	51.4
156-60-5	trans-1,2-Dichloroethylene	ND		100	51.4
1634-04-4	Methyltertbutylether (MTBE)	ND		500	51.4
75-34-3	1,1-Dichloroethane	ND		100	51.4
78-93-3	2-Butanone (MEK)	ND		500	51.4
156-59-2	cis-1,2-Dichloroethylene	ND		100	51.4
67-66-3	Chloroform	ND		100	51.4
74-97-5	Bromochloromethane	ND		200	51.4
71-55-6	1,1,1-Trichloroethane	ND		100	51.4
107-06-2	1,2-Dichloroethane	ND		100	51.4
71-43-2	Benzene	ND		100	51.4
56-23-5	Carbon tetrachloride	ND		100	51.4
78-87-5	1,2-Dichloropropane	ND		100	51.4
79-01-6	Trichloroethylene	ND		100	51.4
74-95-3	Dibromomethane	ND		200	51.4
75-27-4	Bromodichloromethane	ND		200	51.4
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		500	51.4
10061-01-5	cis-1,3-Dichloropropene	ND		100	51.4
10061-02-6	trans-1,3-Dichloropropene	ND		100	51.4
108-88-3	Toluene	140	J	100	51.4
79-00-5	1,1,2-Trichloroethane	ND		100	51.4
591-78-6	2-Hexanone	ND		500	51.4
124-48-1	Dibromochloromethane	ND		200	51.4
106-93-4	1,2-Dibromoethane	ND		100	51.4

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
127-18-4	Tetrachloroethene	ND		100	51.4
108-90-7	Chlorobenzene	ND		100	51.4
630-20-6	1,1,1,2-Tetrachloroethane	ND		200	51.4
100-41-4	Ethylbenzene	ND		100	51.4
108383,106423	m & p-Xylene	ND		200	51.4
75-25-2	Bromoform	ND		200	51.4
100-42-5	Styrene	ND		100	51.4
95-47-6	o-Xylene	ND		100	51.4
79-34-5	1,1,2,2-Tetrachloroethane	ND		200	51.4
96-18-4	1,2,3-Trichloropropane	ND		200	51.4
110-57-6	trans-1,4-Dichloro-2-butene	ND		200	51.4
98-82-8	Isopropylbenzene	ND		200	51.4
108-86-1	Bromobenzene	ND		200	51.4
103-65-1	n-Propylbenzene	ND		200	51.4
108-67-8	1,3,5-Trimethylbenzene	ND		200	51.4
98-06-6	tert-Butylbenzene	ND		500	51.4
95-63-6	1,2,4-Trimethylbenzene	ND		200	51.4
135-98-8	sec-Butylbenzene	ND		500	51.4
541-73-1	1,3-Dichlorobenzene	ND		200	51.4
106-46-7	1,4-Dichlorobenzene	ND		200	51.4
99-87-6	p-Isopropyl toluene	ND		500	51.4
95-50-1	1,2-Dichlorobenzene	ND		200	51.4
104-51-8	n-Butylbenzene	ND		500	51.4
67-72-1	Hexachloroethane	ND		200	51.4
96-12-8	1,2-Dibromo-3-chloropropane	ND		500	51.4
120-82-1	1,2,4-Trichlorobenzene	ND		500	51.4
91-20-3	Naphthalene	ND		500	51.4
87-61-6	1,2,3-Trichlorobenzene	ND		500	51.4
91-57-6	2-Methylnaphthalene	ND		500	51.4

ND = not detected at the specified reporting limit. NM = not measured.
Reference method is 8260.
USEPA Methods 8260 and 624 are used to quantitate volatile organic compounds that have boiling points below 200°C.
2-Methylnaphthalene and naphthalene are compounds with boiling points above 200°C and are better suited to quantitation by USEPA Methods 8270 or 625 as semivolatile organic compounds.

CODE "ST" , LAB PRESERVED, "J" CODE ALL RESULTS DUE TO POOR SURROGATE RECOVERY, UNiD PEAKS

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-13OS

Date Collected:	6/1/2000	Test Code:	SBNA
Date Extracted:	6/13/2000 by tm-1186	Test Name:	BNA - Sediment
Date Analyzed:	6/22/2000 by SMG	Sample ID:	MC16-150-210
Total Solids:	51%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		6500	10
108-95-2	Phenol	ND		6500	10
111-44-4	Bis(2-chloroethyl)ether	ND		2000	10
95-57-8	2-Chlorophenol	ND		6500	10
541-73-1	1,3-Dichlorobenzene	ND		2000	10
106-46-7	1,4-Dichlorobenzene	ND		2000	10
95-50-1	1,2-Dichlorobenzene	ND		2000	10
95-48-7	2-Methylphenol (o-cresol)	ND		6500	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		2000	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		13000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		3900	10
67-72-1	Hexachloroethane	ND		2000	10
98-95-3	Nitrobenzene	ND		3900	10
78-59-1	Isophorone	ND		2000	10
88-75-5	2-Nitrophenol	ND		6500	10
105-67-9	2,4-Dimethylphenol	ND		6500	10
111-91-1	Bis(2-chloroethoxy)methane	ND		3900	10
120-83-2	2,4-Dichlorophenol	ND		6500	10
120-82-1	1,2,4-Trichlorobenzene	ND		3900	10
91-20-3	Naphthalene	ND		2000	10
87-68-3	Hexachlorobutadiene	ND		3900	10
59-50-7	4-Chloro-3-methylphenol	ND		6500	10
91-57-6	2-Methylnaphthalene	ND		4900	10
77-47-4	Hexachlorocyclopentadiene	ND		39000	10
88-06-2	2,4,6-Trichlorophenol	ND		6500	10
95-95-4	2,4,5-Trichlorophenol	ND		6500	10
91-58-7	2-Chloronaphthalene	ND		3900	10
88-74-4	2-Nitroaniline	ND		33000	10
208-96-8	Acenaphthylene	ND		2000	10
131-11-3	Dimethyl phthalate	ND		3900	10
606-20-2	2,6-Dinitrotoluene	ND		6500	10
99-09-2	3-Nitroaniline	ND		33000	10
83-32-9	Acenaphthene	ND		2000	10
51-28-5	2,4-Dinitrophenol	ND		33000	10
132-64-9	Dibenzofuran	ND		6500	10
100-02-7	4-Nitrophenol	ND		33000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		6500	10
86-73-7	Fluorene	ND		2000	10
84-66-2	Diethyl phthalate	ND		2000	10
100-01-6	4-Nitroaniline	ND		33000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		33000	10
7005-72-3	4-Chlorophenyl phenylether	ND		2000	10
156-10-5	N-Nitrosodiphenylamine	ND		3900	10
103-33-3	Azobenzene	ND		3900	10
101-55-3	4-Bromophenyl phenylether	ND		3900	10
118-74-1	Hexachlorobenzene	ND		3900	10
87-86-5	Pentachlorophenol	ND		67000	10
85-01-8	Phenanthrene	ND		2000	10
120-12-7	Anthracene	ND		2000	10
86-74-8	Carbazole	ND		6500	10
84-74-2	Di-n-butyl phthalate	ND		2000	10
206-44-0	Fluoranthene	ND		2000	10
129-00-0	Pyrene	ND		2000	10
85-68-7	Butyl benzyl phthalate	ND		2000	10
56-55-3	Benz(a)anthracene	ND		2000	10
218-01-9	Chrysene	ND		2000	10
117-81-7	Bis(2-ethylhexyl)phthalate	ND		3900	10
117-84-0	Di-n-octyl phthalate	ND		3900	10
205-99-2	Benzo(b)fluoranthene	ND		3900	10
207-08-9	Benzo(k)fluoranthene	ND		3900	10
50-32-8	Benzo(a)pyrene	ND		3900	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		3900	10
53-70-3	Dibenz(a,h)anthracene	ND		3900	10
191-24-2	Benzo(g,h,i)perylene	ND		3900	10

The elevated reporting limits are due to matrix interferences.

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-13OS

Date Collected:	6/1/2000	Test Code:	SPCB
Date Extracted:	6/12/2000 by tm-1185	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	MC16-150-210
Total Solids:	51%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		200	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		200	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		200	1.0
53469-21-9	Aroclor 1242 (PCB)	3400		200	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		200	1.0
11097-69-1	Aroclor 1254 (PCB)	3800		200	1.0
11096-82-5	Aroclor 1260 (PCB)	700		200	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		200	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		200	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-14ME

Date Collected:	6/1/2000	Test Code:	SME
		Test Name:	MEOH-Sed
Date Analyzed:	6/7/2000 by GRINWISS	Sample ID:	MC16-210-B
Total Solids:	52%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
75-71-8	Dichlorodifluoromethane	ND		460	47.7
74-87-3	Chloromethane	ND		460	47.7
75-01-4	Vinyl chloride	ND		180	47.7
74-83-9	Bromomethane	ND		460	47.7
75-00-3	Chloroethane	ND		460	47.7
75-69-4	Trichlorofluoromethane	ND		460	47.7
67-64-1	Acetone	ND		1400	47.7
60-29-7	Diethyl ether	ND		460	47.7
75-35-4	1,1-Dichloroethylene	ND		92	47.7
74-88-4	Methyl iodide	ND		180	47.7
107-13-1	Acrylonitrile	ND		460	47.7
75-09-2	Methylene chloride	ND		460	47.7
75-15-0	Carbon disulfide	ND		460	47.7
156-60-5	trans-1,2-Dichloroethylene	ND		92	47.7
1634-04-4	Methyltertbutylether (MTBE)	ND		460	47.7
75-34-3	1,1-Dichloroethane	ND		92	47.7
78-93-3	2-Butanone (MEK)	ND		460	47.7
156-59-2	cis-1,2-Dichloroethylene	ND		92	47.7
67-66-3	Chloroform	ND		92	47.7
74-97-5	Bromochloromethane	ND		180	47.7
71-55-6	1,1,1-Trichloroethane	ND		92	47.7
107-06-2	1,2-Dichloroethane	ND		92	47.7
71-43-2	Benzene	ND		92	47.7
56-23-5	Carbon tetrachloride	ND		92	47.7
78-87-5	1,2-Dichloropropane	ND		92	47.7
79-01-6	Trichloroethylene	ND		92	47.7
74-95-3	Dibromomethane	ND		180	47.7
75-27-4	Bromodichloromethane	ND		180	47.7
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		460	47.7
10061-01-5	cis-1,3-Dichloropropene	ND		92	47.7
10061-02-6	trans-1,3-Dichloropropene	ND		92	47.7
108-88-3	Toluene	93	J	92	47.7
79-00-5	1,1,2-Trichloroethane	ND		92	47.7
591-78-6	2-Hexanone	ND		460	47.7
124-48-1	Dibromochloromethane	ND		180	47.7
106-93-4	1,2-Dibromoethane	ND		92	47.7

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
127-18-4	Tetrachloroethene	ND		92	47.7
108-90-7	Chlorobenzene	ND		92	47.7
630-20-6	1,1,1,2-Tetrachloroethane	ND		180	47.7
100-41-4	Ethylbenzene	ND		92	47.7
108383,106423	m & p-Xylene	ND		180	47.7
75-25-2	Bromoform	ND		180	47.7
100-42-5	Styrene	ND		92	47.7
95-47-6	o-Xylene	ND		92	47.7
79-34-5	1,1,2,2-Tetrachloroethane	ND		180	47.7
96-18-4	1,2,3-Trichloropropane	ND		180	47.7
110-57-6	trans-1,4-Dichloro-2-butene	ND		180	47.7
98-82-8	Isopropylbenzene	ND		180	47.7
108-86-1	Bromobenzene	ND		180	47.7
103-65-1	n-Propylbenzene	ND		180	47.7
108-67-8	1,3,5-Trimethylbenzene	ND		180	47.7
98-06-6	tert-Butylbenzene	ND		460	47.7
95-63-6	1,2,4-Trimethylbenzene	ND		180	47.7
135-98-8	sec-Butylbenzene	ND		460	47.7
541-73-1	1,3-Dichlorobenzene	ND		180	47.7
106-46-7	1,4-Dichlorobenzene	ND		180	47.7
99-87-6	p-Isopropyl toluene	ND		460	47.7
95-50-1	1,2-Dichlorobenzene	ND		180	47.7
104-51-8	n-Butylbenzene	ND		460	47.7
67-72-1	Hexachloroethane	ND		180	47.7
96-12-8	1,2-Dibromo-3-chloropropane	ND		460	47.7
120-82-1	1,2,4-Trichlorobenzene	ND		460	47.7
91-20-3	Naphthalene	630	J	460	47.7
87-61-6	1,2,3-Trichlorobenzene	ND		460	47.7
91-57-6	2-Methylnaphthalene	ND		460	47.7

ND = not detected at the specified reporting limit. NM = not measured.
Reference method is 8260.
USEPA Methods 8260 and 624 are used to quantitate volatile organic compounds that have boiling points below 200°C.
2-Methylnaphthalene and naphthalene are compounds with boiling points above 200°C and are better suited to quantitation by USEPA Methods 8270 or 625 as semivolatile organic compounds.

CODE "ST" , LAB PRESERVED, "J" CODE ALL RESULTS DUE TO POOR SURROGATE RECOVERY, UNiD PEAKS

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-14OS

Date Collected:	6/1/2000	Test Code:	SBNA
Date Extracted:	6/13/2000 by tm-1186	Test Name:	BNA - Sediment
Date Analyzed:	6/22/2000 by SMG	Sample ID:	MC16-210-B
Total Solids:	52%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		6300	10
108-95-2	Phenol	ND		6300	10
111-44-4	Bis(2-chloroethyl)ether	ND		1900	10
95-57-8	2-Chlorophenol	ND		6300	10
541-73-1	1,3-Dichlorobenzene	ND		1900	10
106-46-7	1,4-Dichlorobenzene	ND		1900	10
95-50-1	1,2-Dichlorobenzene	ND		1900	10
95-48-7	2-Methylphenol (o-cresol)	ND		6300	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		1900	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		13000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		3800	10
67-72-1	Hexachloroethane	ND		1900	10
98-95-3	Nitrobenzene	ND		3800	10
78-59-1	Isophorone	ND		1900	10
88-75-5	2-Nitrophenol	ND		6300	10
105-67-9	2,4-Dimethylphenol	ND		6300	10
111-91-1	Bis(2-chloroethoxy)methane	ND		3800	10
120-83-2	2,4-Dichlorophenol	ND		6300	10
120-82-1	1,2,4-Trichlorobenzene	ND		3800	10
91-20-3	Naphthalene	ND		1900	10
87-68-3	Hexachlorobutadiene	ND		3800	10
59-50-7	4-Chloro-3-methylphenol	ND		6300	10
91-57-6	2-Methylnaphthalene	ND		4800	10
77-47-4	Hexachlorocyclopentadiene	ND		38000	10
88-06-2	2,4,6-Trichlorophenol	ND		6300	10
95-95-4	2,4,5-Trichlorophenol	ND		6300	10
91-58-7	2-Chloronaphthalene	ND		3800	10
88-74-4	2-Nitroaniline	ND		33000	10
208-96-8	Acenaphthylene	ND		1900	10
131-11-3	Dimethyl phthalate	ND		3800	10
606-20-2	2,6-Dinitrotoluene	ND		6300	10
99-09-2	3-Nitroaniline	ND		33000	10
83-32-9	Acenaphthene	ND		1900	10
51-28-5	2,4-Dinitrophenol	ND		33000	10
132-64-9	Dibenzofuran	ND		6300	10
100-02-7	4-Nitrophenol	ND		33000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		6300	10
86-73-7	Fluorene	ND		1900	10
84-66-2	Diethyl phthalate	ND		1900	10
100-01-6	4-Nitroaniline	ND		33000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		33000	10
7005-72-3	4-Chlorophenyl phenylether	ND		1900	10
156-10-5	N-Nitrosodiphenylamine	ND		3800	10
103-33-3	Azobenzene	ND		3800	10
101-55-3	4-Bromophenyl phenylether	ND		3800	10
118-74-1	Hexachlorobenzene	ND		3800	10
87-86-5	Pentachlorophenol	ND		65000	10
85-01-8	Phenanthrene	1400	T	1900	10
120-12-7	Anthracene	ND		1900	10
86-74-8	Carbazole	ND		6300	10
84-74-2	Di-n-butyl phthalate	ND		1900	10
206-44-0	Fluoranthene	1300	T	1900	10
129-00-0	Pyrene	1100	T	1900	10
85-68-7	Butyl benzyl phthalate	ND		1900	10
56-55-3	Benz(a)anthracene	ND		1900	10
218-01-9	Chrysene	ND		1900	10
117-81-7	Bis(2-ethylhexyl)phthalate	ND		3800	10
117-84-0	Di-n-octyl phthalate	ND		3800	10
205-99-2	Benzo(b)fluoranthene	ND		3800	10
207-08-9	Benzo(k)fluoranthene	ND		3800	10
50-32-8	Benzo(a)pyrene	ND		3800	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		3800	10
53-70-3	Dibenz(a,h)anthracene	ND		3800	10
191-24-2	Benzo(g,h,i)perylene	ND		3800	10

The elevated reporting limits are due to matrix interferences.

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-14OS

Date Collected:	6/1/2000	Test Code:	SPCB
Date Extracted:	6/12/2000 by tm-1185	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	MC16-210-B
Total Solids:	52%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		190	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		190	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		190	1.0
53469-21-9	Aroclor 1242 (PCB)	2700		190	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		190	1.0
11097-69-1	Aroclor 1254 (PCB)	5000		190	1.0
11096-82-5	Aroclor 1260 (PCB)	810		190	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		190	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		190	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-15ME

Date Collected:	6/1/2000	Test Code:	SME
		Test Name:	MEOH-Sed
Date Analyzed:	6/7/2000 by GRINWISS	Sample ID:	MC17-00-30
Total Solids:	50%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
75-71-8	Dichlorodifluoromethane	ND		510	50.8
74-87-3	Chloromethane	ND		510	50.8
75-01-4	Vinyl chloride	ND		200	50.8
74-83-9	Bromomethane	ND		510	50.8
75-00-3	Chloroethane	ND		510	50.8
75-69-4	Trichlorofluoromethane	ND		510	50.8
67-64-1	Acetone	ND		1500	50.8
60-29-7	Diethyl ether	ND		510	50.8
75-35-4	1,1-Dichloroethylene	ND		100	50.8
74-88-4	Methyl iodide	ND		200	50.8
107-13-1	Acrylonitrile	ND		510	50.8
75-09-2	Methylene chloride	ND		510	50.8
75-15-0	Carbon disulfide	ND		510	50.8
156-60-5	trans-1,2-Dichloroethylene	ND		100	50.8
1634-04-4	Methyltertbutylether (MTBE)	ND		510	50.8
75-34-3	1,1-Dichloroethane	ND		100	50.8
78-93-3	2-Butanone (MEK)	ND		510	50.8
156-59-2	cis-1,2-Dichloroethylene	ND		100	50.8
67-66-3	Chloroform	ND		100	50.8
74-97-5	Bromochloromethane	ND		200	50.8
71-55-6	1,1,1-Trichloroethane	ND		100	50.8
107-06-2	1,2-Dichloroethane	ND		100	50.8
71-43-2	Benzene	ND		100	50.8
56-23-5	Carbon tetrachloride	ND		100	50.8
78-87-5	1,2-Dichloropropane	ND		100	50.8
79-01-6	Trichloroethylene	ND		100	50.8
74-95-3	Dibromomethane	ND		200	50.8
75-27-4	Bromodichloromethane	ND		200	50.8
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		510	50.8
10061-01-5	cis-1,3-Dichloropropene	ND		100	50.8
10061-02-6	trans-1,3-Dichloropropene	ND		100	50.8
108-88-3	Toluene	160	J	100	50.8
79-00-5	1,1,2-Trichloroethane	ND		100	50.8
591-78-6	2-Hexanone	ND		510	50.8
124-48-1	Dibromochloromethane	ND		200	50.8
106-93-4	1,2-Dibromoethane	ND		100	50.8

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
127-18-4	Tetrachloroethene	ND		100	50.8
108-90-7	Chlorobenzene	ND		100	50.8
630-20-6	1,1,1,2-Tetrachloroethane	ND		200	50.8
100-41-4	Ethylbenzene	ND		100	50.8
108383,106423	m & p-Xylene	ND		200	50.8
75-25-2	Bromoform	ND		200	50.8
100-42-5	Styrene	ND		100	50.8
95-47-6	o-Xylene	ND		100	50.8
79-34-5	1,1,2,2-Tetrachloroethane	ND		200	50.8
96-18-4	1,2,3-Trichloropropane	ND		200	50.8
110-57-6	trans-1,4-Dichloro-2-butene	ND		200	50.8
98-82-8	Isopropylbenzene	ND		200	50.8
108-86-1	Bromobenzene	ND		200	50.8
103-65-1	n-Propylbenzene	ND		200	50.8
108-67-8	1,3,5-Trimethylbenzene	ND		200	50.8
98-06-6	tert-Butylbenzene	ND		510	50.8
95-63-6	1,2,4-Trimethylbenzene	ND		200	50.8
135-98-8	sec-Butylbenzene	ND		510	50.8
541-73-1	1,3-Dichlorobenzene	ND		200	50.8
106-46-7	1,4-Dichlorobenzene	ND		200	50.8
99-87-6	p-Isopropyl toluene	ND		510	50.8
95-50-1	1,2-Dichlorobenzene	ND		200	50.8
104-51-8	n-Butylbenzene	ND		510	50.8
67-72-1	Hexachloroethane	ND		200	50.8
96-12-8	1,2-Dibromo-3-chloropropane	ND		510	50.8
120-82-1	1,2,4-Trichlorobenzene	ND		510	50.8
91-20-3	Naphthalene	ND		510	50.8
87-61-6	1,2,3-Trichlorobenzene	ND		510	50.8
91-57-6	2-Methylnaphthalene	ND		510	50.8

ND = not detected at the specified reporting limit. NM = not measured.
Reference method is 8260.
USEPA Methods 8260 and 624 are used to quantitate volatile organic compounds that have boiling points below 200°C.
2-Methylnaphthalene and naphthalene are compounds with boiling points above 200°C and are better suited to quantitation by USEPA Methods 8270 or 625 as semivolatile organic compounds.

CODE "ST" , LAB PRESERVED, "J" CODE ALL RESULTS DUE TO POOR SURROGATE RECOVERY,

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-15OS

Date Collected:	6/1/2000	Test Code:	SBNA
Date Extracted:	6/13/2000 by tm-1186	Test Name:	BNA - Sediment
Date Analyzed:	6/21/2000 by SMG	Sample ID:	MC17-00-30
Total Solids:	50%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		660	1
108-95-2	Phenol	ND		660	1
111-44-4	Bis(2-chloroethyl)ether	ND		200	1
95-57-8	2-Chlorophenol	ND		660	1
541-73-1	1,3-Dichlorobenzene	ND		200	1
106-46-7	1,4-Dichlorobenzene	ND		200	1
95-50-1	1,2-Dichlorobenzene	ND		200	1
95-48-7	2-Methylphenol (o-cresol)	ND		660	1
108-60-1	Bis(2-chloroisopropyl)ether	ND		200	1
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		1300	1
621-64-7	N-Nitrosodi-n-propylamine	ND		400	1
67-72-1	Hexachloroethane	ND		200	1
98-95-3	Nitrobenzene	ND		400	1
78-59-1	Isophorone	ND		200	1
88-75-5	2-Nitrophenol	ND		660	1
105-67-9	2,4-Dimethylphenol	ND		660	1
111-91-1	Bis(2-chloroethoxy)methane	ND		400	1
120-83-2	2,4-Dichlorophenol	ND		660	1
120-82-1	1,2,4-Trichlorobenzene	ND		400	1
91-20-3	Naphthalene	210		200	1
87-68-3	Hexachlorobutadiene	ND		400	1
59-50-7	4-Chloro-3-methylphenol	ND		660	1
91-57-6	2-Methylnaphthalene	ND		500	1
77-47-4	Hexachlorocyclopentadiene	ND		4000	1
88-06-2	2,4,6-Trichlorophenol	ND		660	1
95-95-4	2,4,5-Trichlorophenol	ND		660	1
91-58-7	2-Chloronaphthalene	ND		400	1
88-74-4	2-Nitroaniline	ND		3400	1
208-96-8	Acenaphthylene	ND		200	1
131-11-3	Dimethyl phthalate	ND		400	1
606-20-2	2,6-Dinitrotoluene	ND		660	1
99-09-2	3-Nitroaniline	ND		3400	1
83-32-9	Acenaphthene	ND		200	1
51-28-5	2,4-Dinitrophenol	ND		3400	1
132-64-9	Dibenzofuran	ND		660	1
100-02-7	4-Nitrophenol	ND		3400	1

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		660	1
86-73-7	Fluorene	ND		200	1
84-66-2	Diethyl phthalate	ND		200	1
100-01-6	4-Nitroaniline	ND		3400	1
534-52-1	2-Methyl-4,6-dinitrophenol	ND		3400	1
7005-72-3	4-Chlorophenyl phenylether	ND		200	1
156-10-5	N-Nitrosodiphenylamine	ND		400	1
103-33-3	Azobenzene	ND		400	1
101-55-3	4-Bromophenyl phenylether	ND		400	1
118-74-1	Hexachlorobenzene	ND		400	1
87-86-5	Pentachlorophenol	ND		6800	1
85-01-8	Phenanthrene	540		200	1
120-12-7	Anthracene	150	T	200	1
86-74-8	Carbazole	ND		660	1
84-74-2	Di-n-butyl phthalate	ND		200	1
206-44-0	Fluoranthene	830		200	1
129-00-0	Pyrene	640		200	1
85-68-7	Butyl benzyl phthalate	ND		200	1
56-55-3	Benz(a)anthracene	370		200	1
218-01-9	Chrysene	450		200	1
117-81-7	Bis(2-ethylhexyl)phthalate	910		400	1
117-84-0	Di-n-octyl phthalate	ND		400	1
205-99-2	Benzo(b)fluoranthene	320	T	400	1
207-08-9	Benzo(k)fluoranthene	310	T	400	1
50-32-8	Benzo(a)pyrene	430		400	1
193-39-5	Indeno(1,2,3-cd)pyrene	ND		400	1
53-70-3	Dibenz(a,h)anthracene	ND		400	1
191-24-2	Benzo(g,h,i)perylene	ND		400	1

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-15OS

Date Collected:	6/1/2000	Test Code:	SPCB
Date Extracted:	6/12/2000 by tm-1185	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	MC17-00-30
Total Solids:	50%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		200	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		200	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		200	1.0
53469-21-9	Aroclor 1242 (PCB)	110	T	200	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		200	1.0
11097-69-1	Aroclor 1254 (PCB)	350		200	1.0
11096-82-5	Aroclor 1260 (PCB)	220		200	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		200	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		200	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-16ME

Date Collected:	6/1/2000	Test Code:	SME
		Test Name:	MEOH-Sed
Date Analyzed:	6/7/2000 by GRINWISS	Sample ID:	MC17-30-90
Total Solids:	50%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
75-71-8	Dichlorodifluoromethane	ND		520	51.7
74-87-3	Chloromethane	ND		520	51.7
75-01-4	Vinyl chloride	ND		210	51.7
74-83-9	Bromomethane	ND		520	51.7
75-00-3	Chloroethane	ND		520	51.7
75-69-4	Trichlorofluoromethane	ND		520	51.7
67-64-1	Acetone	ND		1600	51.7
60-29-7	Diethyl ether	ND		520	51.7
75-35-4	1,1-Dichloroethylene	ND		100	51.7
74-88-4	Methyl iodide	ND		210	51.7
107-13-1	Acrylonitrile	ND		520	51.7
75-09-2	Methylene chloride	ND		520	51.7
75-15-0	Carbon disulfide	ND		520	51.7
156-60-5	trans-1,2-Dichloroethylene	ND		100	51.7
1634-04-4	Methyltertbutylether (MTBE)	ND		520	51.7
75-34-3	1,1-Dichloroethane	ND		100	51.7
78-93-3	2-Butanone (MEK)	ND		520	51.7
156-59-2	cis-1,2-Dichloroethylene	ND		100	51.7
67-66-3	Chloroform	ND		100	51.7
74-97-5	Bromochloromethane	ND		210	51.7
71-55-6	1,1,1-Trichloroethane	ND		100	51.7
107-06-2	1,2-Dichloroethane	ND		100	51.7
71-43-2	Benzene	ND		100	51.7
56-23-5	Carbon tetrachloride	ND		100	51.7
78-87-5	1,2-Dichloropropane	ND		100	51.7
79-01-6	Trichloroethylene	ND		100	51.7
74-95-3	Dibromomethane	ND		210	51.7
75-27-4	Bromodichloromethane	ND		210	51.7
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		520	51.7
10061-01-5	cis-1,3-Dichloropropene	ND		100	51.7
10061-02-6	trans-1,3-Dichloropropene	ND		100	51.7
108-88-3	Toluene	100	J	100	51.7
79-00-5	1,1,2-Trichloroethane	ND		100	51.7
591-78-6	2-Hexanone	ND		520	51.7
124-48-1	Dibromochloromethane	ND		210	51.7
106-93-4	1,2-Dibromoethane	ND		100	51.7

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
127-18-4	Tetrachloroethene	ND		100	51.7
108-90-7	Chlorobenzene	ND		100	51.7
630-20-6	1,1,1,2-Tetrachloroethane	ND		210	51.7
100-41-4	Ethylbenzene	ND		100	51.7
108383,106423	m & p-Xylene	ND		210	51.7
75-25-2	Bromoform	ND		210	51.7
100-42-5	Styrene	ND		100	51.7
95-47-6	o-Xylene	ND		100	51.7
79-34-5	1,1,2,2-Tetrachloroethane	ND		210	51.7
96-18-4	1,2,3-Trichloropropane	ND		210	51.7
110-57-6	trans-1,4-Dichloro-2-butene	ND		210	51.7
98-82-8	Isopropylbenzene	ND		210	51.7
108-86-1	Bromobenzene	ND		210	51.7
103-65-1	n-Propylbenzene	ND		210	51.7
108-67-8	1,3,5-Trimethylbenzene	ND		210	51.7
98-06-6	tert-Butylbenzene	ND		520	51.7
95-63-6	1,2,4-Trimethylbenzene	ND		210	51.7
135-98-8	sec-Butylbenzene	ND		520	51.7
541-73-1	1,3-Dichlorobenzene	ND		210	51.7
106-46-7	1,4-Dichlorobenzene	ND		210	51.7
99-87-6	p-Isopropyl toluene	ND		520	51.7
95-50-1	1,2-Dichlorobenzene	ND		210	51.7
104-51-8	n-Butylbenzene	ND		520	51.7
67-72-1	Hexachloroethane	ND		210	51.7
96-12-8	1,2-Dibromo-3-chloropropane	ND		520	51.7
120-82-1	1,2,4-Trichlorobenzene	ND		520	51.7
91-20-3	Naphthalene	ND		520	51.7
87-61-6	1,2,3-Trichlorobenzene	ND		520	51.7
91-57-6	2-Methylnaphthalene	ND		520	51.7

ND = not detected at the specified reporting limit. NM = not measured.
Reference method is 8260.
USEPA Methods 8260 and 624 are used to quantitate volatile organic compounds that have boiling points below 200°C.
2-Methylnaphthalene and naphthalene are compounds with boiling points above 200°C and are better suited to quantitation by USEPA Methods 8270 or 625 as semivolatile organic compounds.

CODE "ST" , LAB PRESERVED, "J" CODE ALL RESULTS DUE TO POOR SURROGATE RECOVERY,

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-16OS

Date Collected:	6/1/2000	Test Code:	SBNA
Date Extracted:	6/13/2000 by tm-1186	Test Name:	BNA - Sediment
Date Analyzed:	6/21/2000 by SMG	Sample ID:	MC17-30-90
Total Solids:	50%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		660	1
108-95-2	Phenol	ND		660	1
111-44-4	Bis(2-chloroethyl)ether	ND		200	1
95-57-8	2-Chlorophenol	ND		660	1
541-73-1	1,3-Dichlorobenzene	ND		200	1
106-46-7	1,4-Dichlorobenzene	ND		200	1
95-50-1	1,2-Dichlorobenzene	ND		200	1
95-48-7	2-Methylphenol (o-cresol)	ND		660	1
108-60-1	Bis(2-chloroisopropyl)ether	ND		200	1
108394,106445	3/4-Methylphenol (m/p-cresol)	320	T	1300	1
621-64-7	N-Nitrosodi-n-propylamine	ND		400	1
67-72-1	Hexachloroethane	ND		200	1
98-95-3	Nitrobenzene	ND		400	1
78-59-1	Isophorone	ND		200	1
88-75-5	2-Nitrophenol	ND		660	1
105-67-9	2,4-Dimethylphenol	ND		660	1
111-91-1	Bis(2-chloroethoxy)methane	ND		400	1
120-83-2	2,4-Dichlorophenol	ND		660	1
120-82-1	1,2,4-Trichlorobenzene	ND		400	1
91-20-3	Naphthalene	470		200	1
87-68-3	Hexachlorobutadiene	ND		400	1
59-50-7	4-Chloro-3-methylphenol	ND		660	1
91-57-6	2-Methylnaphthalene	210	T	500	1
77-47-4	Hexachlorocyclopentadiene	ND		4000	1
88-06-2	2,4,6-Trichlorophenol	ND		660	1
95-95-4	2,4,5-Trichlorophenol	ND		660	1
91-58-7	2-Chloronaphthalene	ND		400	1
88-74-4	2-Nitroaniline	ND		3400	1
208-96-8	Acenaphthylene	ND		200	1
131-11-3	Dimethyl phthalate	ND		400	1
606-20-2	2,6-Dinitrotoluene	ND		660	1
99-09-2	3-Nitroaniline	ND		3400	1
83-32-9	Acenaphthene	ND		200	1
51-28-5	2,4-Dinitrophenol	ND		3400	1
132-64-9	Dibenzofuran	ND		660	1
100-02-7	4-Nitrophenol	ND		3400	1

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		660	1
86-73-7	Fluorene	ND		200	1
84-66-2	Diethyl phthalate	ND		200	1
100-01-6	4-Nitroaniline	ND		3400	1
534-52-1	2-Methyl-4,6-dinitrophenol	ND		3400	1
7005-72-3	4-Chlorophenyl phenylether	ND		200	1
156-10-5	N-Nitrosodiphenylamine	ND		400	1
103-33-3	Azobenzene	ND		400	1
101-55-3	4-Bromophenyl phenylether	ND		400	1
118-74-1	Hexachlorobenzene	ND		400	1
87-86-5	Pentachlorophenol	ND		6800	1
85-01-8	Phenanthrene	1100		200	1
120-12-7	Anthracene	350		200	1
86-74-8	Carbazole	ND		660	1
84-74-2	Di-n-butyl phthalate	ND		200	1
206-44-0	Fluoranthene	2000		200	1
129-00-0	Pyrene	1300		200	1
85-68-7	Butyl benzyl phthalate	ND		200	1
56-55-3	Benz(a)anthracene	710		200	1
218-01-9	Chrysene	1000		200	1
117-81-7	Bis(2-ethylhexyl)phthalate	3200		400	1
117-84-0	Di-n-octyl phthalate	ND		400	1
205-99-2	Benzo(b)fluoranthene	550		400	1
207-08-9	Benzo(k)fluoranthene	770		400	1
50-32-8	Benzo(a)pyrene	620		400	1
193-39-5	Indeno(1,2,3-cd)pyrene	ND		400	1
53-70-3	Dibenz(a,h)anthracene	ND		400	1
191-24-2	Benzo(g,h,i)perylene	390	T	400	1

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-16OS

Date Collected:	6/1/2000	Test Code:	SPCB
Date Extracted:	6/12/2000 by tm-1185	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	MC17-30-90
Total Solids:	50%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		200	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		200	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		200	1.0
53469-21-9	Aroclor 1242 (PCB)	110	T	200	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		200	1.0
11097-69-1	Aroclor 1254 (PCB)	420		200	1.0
11096-82-5	Aroclor 1260 (PCB)	360		200	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		200	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		200	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-17ME

Date Collected:	6/1/2000	Test Code:	SME
		Test Name:	MEOH-Sed
Date Analyzed:	6/7/2000 by GRINWISS	Sample ID:	MC17-90-150
Total Solids:	53%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
75-71-8	Dichlorodifluoromethane	ND		470	50.1
74-87-3	Chloromethane	ND		470	50.1
75-01-4	Vinyl chloride	ND		190	50.1
74-83-9	Bromomethane	ND		470	50.1
75-00-3	Chloroethane	ND		470	50.1
75-69-4	Trichlorofluoromethane	ND		470	50.1
67-64-1	Acetone	ND		1400	50.1
60-29-7	Diethyl ether	ND		470	50.1
75-35-4	1,1-Dichloroethylene	ND		95	50.1
74-88-4	Methyl iodide	ND		190	50.1
107-13-1	Acrylonitrile	ND		470	50.1
75-09-2	Methylene chloride	ND		470	50.1
75-15-0	Carbon disulfide	ND		470	50.1
156-60-5	trans-1,2-Dichloroethylene	ND		95	50.1
1634-04-4	Methyltertbutylether (MTBE)	ND		470	50.1
75-34-3	1,1-Dichloroethane	ND		95	50.1
78-93-3	2-Butanone (MEK)	ND		470	50.1
156-59-2	cis-1,2-Dichloroethylene	ND		95	50.1
67-66-3	Chloroform	ND		95	50.1
74-97-5	Bromochloromethane	ND		190	50.1
71-55-6	1,1,1-Trichloroethane	ND		95	50.1
107-06-2	1,2-Dichloroethane	ND		95	50.1
71-43-2	Benzene	ND		95	50.1
56-23-5	Carbon tetrachloride	ND		95	50.1
78-87-5	1,2-Dichloropropane	ND		95	50.1
79-01-6	Trichloroethylene	ND		95	50.1
74-95-3	Dibromomethane	ND		190	50.1
75-27-4	Bromodichloromethane	ND		190	50.1
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		470	50.1
10061-01-5	cis-1,3-Dichloropropene	ND		95	50.1
10061-02-6	trans-1,3-Dichloropropene	ND		95	50.1
108-88-3	Toluene	100	J	95	50.1
79-00-5	1,1,2-Trichloroethane	ND		95	50.1
591-78-6	2-Hexanone	ND		470	50.1
124-48-1	Dibromochloromethane	ND		190	50.1
106-93-4	1,2-Dibromoethane	ND		95	50.1

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
127-18-4	Tetrachloroethene	ND		95	50.1
108-90-7	Chlorobenzene	ND		95	50.1
630-20-6	1,1,1,2-Tetrachloroethane	ND		190	50.1
100-41-4	Ethylbenzene	ND		95	50.1
108383,106423	m & p-Xylene	ND		190	50.1
75-25-2	Bromoform	ND		190	50.1
100-42-5	Styrene	ND		95	50.1
95-47-6	o-Xylene	ND		95	50.1
79-34-5	1,1,2,2-Tetrachloroethane	ND		190	50.1
96-18-4	1,2,3-Trichloropropane	ND		190	50.1
110-57-6	trans-1,4-Dichloro-2-butene	ND		190	50.1
98-82-8	Isopropylbenzene	ND		190	50.1
108-86-1	Bromobenzene	ND		190	50.1
103-65-1	n-Propylbenzene	ND		190	50.1
108-67-8	1,3,5-Trimethylbenzene	ND		190	50.1
98-06-6	tert-Butylbenzene	ND		470	50.1
95-63-6	1,2,4-Trimethylbenzene	ND		190	50.1
135-98-8	sec-Butylbenzene	ND		470	50.1
541-73-1	1,3-Dichlorobenzene	ND		190	50.1
106-46-7	1,4-Dichlorobenzene	ND		190	50.1
99-87-6	p-Isopropyl toluene	ND		470	50.1
95-50-1	1,2-Dichlorobenzene	ND		190	50.1
104-51-8	n-Butylbenzene	ND		470	50.1
67-72-1	Hexachloroethane	ND		190	50.1
96-12-8	1,2-Dibromo-3-chloropropane	ND		470	50.1
120-82-1	1,2,4-Trichlorobenzene	ND		470	50.1
91-20-3	Naphthalene	ND		470	50.1
87-61-6	1,2,3-Trichlorobenzene	ND		470	50.1
91-57-6	2-Methylnaphthalene	ND		470	50.1

ND = not detected at the specified reporting limit. NM = not measured.
Reference method is 8260.
USEPA Methods 8260 and 624 are used to quantitate volatile organic compounds that have boiling points below 200°C.
2-Methylnaphthalene and naphthalene are compounds with boiling points above 200°C and are better suited to quantitation by USEPA Methods 8270 or 625 as semivolatile organic compounds.

CODE "ST" , LAB PRESERVED, "J" CODE ALL RESULTS DUE TO POOR SURROGATE RECOVERY, UNiD PEAKS

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-17OS

Date Collected:	6/1/2000	Test Code:	SBNA
Date Extracted:	6/13/2000 by tm-1186	Test Name:	BNA - Sediment
Date Analyzed:	6/21/2000 by SMG	Sample ID:	MC17-90-150
Total Solids:	53%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		620	1
108-95-2	Phenol	ND		620	1
111-44-4	Bis(2-chloroethyl)ether	ND		190	1
95-57-8	2-Chlorophenol	ND		620	1
541-73-1	1,3-Dichlorobenzene	ND		190	1
106-46-7	1,4-Dichlorobenzene	ND		190	1
95-50-1	1,2-Dichlorobenzene	ND		190	1
95-48-7	2-Methylphenol (o-cresol)	ND		620	1
108-60-1	Bis(2-chloroisopropyl)ether	ND		190	1
108394,106445	3/4-Methylphenol (m/p-cresol)	410	T	1200	1
621-64-7	N-Nitrosodi-n-propylamine	ND		380	1
67-72-1	Hexachloroethane	ND		190	1
98-95-3	Nitrobenzene	ND		380	1
78-59-1	Isophorone	ND		190	1
88-75-5	2-Nitrophenol	ND		620	1
105-67-9	2,4-Dimethylphenol	ND		620	1
111-91-1	Bis(2-chloroethoxy)methane	ND		380	1
120-83-2	2,4-Dichlorophenol	ND		620	1
120-82-1	1,2,4-Trichlorobenzene	ND		380	1
91-20-3	Naphthalene	400		190	1
87-68-3	Hexachlorobutadiene	ND		380	1
59-50-7	4-Chloro-3-methylphenol	ND		620	1
91-57-6	2-Methylnaphthalene	ND		470	1
77-47-4	Hexachlorocyclopentadiene	ND		3800	1
88-06-2	2,4,6-Trichlorophenol	ND		620	1
95-95-4	2,4,5-Trichlorophenol	ND		620	1
91-58-7	2-Chloronaphthalene	ND		380	1
88-74-4	2-Nitroaniline	ND		3200	1
208-96-8	Acenaphthylene	ND		190	1
131-11-3	Dimethyl phthalate	ND		380	1
606-20-2	2,6-Dinitrotoluene	ND		620	1
99-09-2	3-Nitroaniline	ND		3200	1
83-32-9	Acenaphthene	ND		190	1
51-28-5	2,4-Dinitrophenol	ND		3200	1
132-64-9	Dibenzofuran	ND		620	1
100-02-7	4-Nitrophenol	ND		3200	1

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		620	1
86-73-7	Fluorene	ND		190	1
84-66-2	Diethyl phthalate	ND		190	1
100-01-6	4-Nitroaniline	ND		3200	1
534-52-1	2-Methyl-4,6-dinitrophenol	ND		3200	1
7005-72-3	4-Chlorophenyl phenylether	ND		190	1
156-10-5	N-Nitrosodiphenylamine	ND		380	1
103-33-3	Azobenzene	ND		380	1
101-55-3	4-Bromophenyl phenylether	ND		380	1
118-74-1	Hexachlorobenzene	ND		380	1
87-86-5	Pentachlorophenol	ND		6400	1
85-01-8	Phenanthrene	840		190	1
120-12-7	Anthracene	230		190	1
86-74-8	Carbazole	ND		620	1
84-74-2	Di-n-butyl phthalate	ND		190	1
206-44-0	Fluoranthene	1300		190	1
129-00-0	Pyrene	840		190	1
85-68-7	Butyl benzyl phthalate	ND		190	1
56-55-3	Benz(a)anthracene	480		190	1
218-01-9	Chrysene	610		190	1
117-81-7	Bis(2-ethylhexyl)phthalate	2800		380	1
117-84-0	Di-n-octyl phthalate	ND		380	1
205-99-2	Benzo(b)fluoranthene	430		380	1
207-08-9	Benzo(k)fluoranthene	420		380	1
50-32-8	Benzo(a)pyrene	380		380	1
193-39-5	Indeno(1,2,3-cd)pyrene	ND		380	1
53-70-3	Dibenz(a,h)anthracene	ND		380	1
191-24-2	Benzo(g,h,i)perylene	ND		380	1

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-17OS

Date Collected:	6/1/2000	Test Code:	SPCB
Date Extracted:	6/12/2000 by tm-1185	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	MC17-90-150
Total Solids:	53%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		190	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		190	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		190	1.0
53469-21-9	Aroclor 1242 (PCB)	110	T	190	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		190	1.0
11097-69-1	Aroclor 1254 (PCB)	460		190	1.0
11096-82-5	Aroclor 1260 (PCB)	540		190	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		190	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		190	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-18ME

Date Collected:	6/1/2000	Test Code:	SME
		Test Name:	MEOH-Sed
Date Analyzed:	6/7/2000 by GRINWISS	Sample ID:	MC17-150-210
Total Solids:	51%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
75-71-8	Dichlorodifluoromethane	ND		470	48.4
74-87-3	Chloromethane	ND		470	48.4
75-01-4	Vinyl chloride	ND		190	48.4
74-83-9	Bromomethane	ND		470	48.4
75-00-3	Chloroethane	ND		470	48.4
75-69-4	Trichlorofluoromethane	ND		470	48.4
67-64-1	Acetone	ND		1400	48.4
60-29-7	Diethyl ether	ND		470	48.4
75-35-4	1,1-Dichloroethylene	ND		95	48.4
74-88-4	Methyl iodide	ND		190	48.4
107-13-1	Acrylonitrile	ND		470	48.4
75-09-2	Methylene chloride	ND		470	48.4
75-15-0	Carbon disulfide	ND		470	48.4
156-60-5	trans-1,2-Dichloroethylene	ND		95	48.4
1634-04-4	Methyltertbutylether (MTBE)	ND		470	48.4
75-34-3	1,1-Dichloroethane	ND		95	48.4
78-93-3	2-Butanone (MEK)	ND		470	48.4
156-59-2	cis-1,2-Dichloroethylene	ND		95	48.4
67-66-3	Chloroform	ND		95	48.4
74-97-5	Bromochloromethane	ND		190	48.4
71-55-6	1,1,1-Trichloroethane	ND		95	48.4
107-06-2	1,2-Dichloroethane	ND		95	48.4
71-43-2	Benzene	ND		95	48.4
56-23-5	Carbon tetrachloride	ND		95	48.4
78-87-5	1,2-Dichloropropane	ND		95	48.4
79-01-6	Trichloroethylene	ND		95	48.4
74-95-3	Dibromomethane	ND		190	48.4
75-27-4	Bromodichloromethane	ND		190	48.4
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		470	48.4
10061-01-5	cis-1,3-Dichloropropene	ND		95	48.4
10061-02-6	trans-1,3-Dichloropropene	ND		95	48.4
108-88-3	Toluene	100	J	95	48.4
79-00-5	1,1,2-Trichloroethane	ND		95	48.4
591-78-6	2-Hexanone	ND		470	48.4
124-48-1	Dibromochloromethane	ND		190	48.4
106-93-4	1,2-Dibromoethane	ND		95	48.4

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
127-18-4	Tetrachloroethene	ND		95	48.4
108-90-7	Chlorobenzene	ND		95	48.4
630-20-6	1,1,1,2-Tetrachloroethane	ND		190	48.4
100-41-4	Ethylbenzene	ND		95	48.4
108383,106423	m & p-Xylene	ND		190	48.4
75-25-2	Bromoform	ND		190	48.4
100-42-5	Styrene	ND		95	48.4
95-47-6	o-Xylene	ND		95	48.4
79-34-5	1,1,2,2-Tetrachloroethane	ND		190	48.4
96-18-4	1,2,3-Trichloropropane	ND		190	48.4
110-57-6	trans-1,4-Dichloro-2-butene	ND		190	48.4
98-82-8	Isopropylbenzene	ND		190	48.4
108-86-1	Bromobenzene	ND		190	48.4
103-65-1	n-Propylbenzene	ND		190	48.4
108-67-8	1,3,5-Trimethylbenzene	ND		190	48.4
98-06-6	tert-Butylbenzene	ND		470	48.4
95-63-6	1,2,4-Trimethylbenzene	ND		190	48.4
135-98-8	sec-Butylbenzene	ND		470	48.4
541-73-1	1,3-Dichlorobenzene	ND		190	48.4
106-46-7	1,4-Dichlorobenzene	ND		190	48.4
99-87-6	p-Isopropyl toluene	ND		470	48.4
95-50-1	1,2-Dichlorobenzene	ND		190	48.4
104-51-8	n-Butylbenzene	ND		470	48.4
67-72-1	Hexachloroethane	ND		190	48.4
96-12-8	1,2-Dibromo-3-chloropropane	ND		470	48.4
120-82-1	1,2,4-Trichlorobenzene	ND		470	48.4
91-20-3	Naphthalene	ND		470	48.4
87-61-6	1,2,3-Trichlorobenzene	ND		470	48.4
91-57-6	2-Methylnaphthalene	ND		470	48.4

ND = not detected at the specified reporting limit. NM = not measured.
Reference method is 8260.
USEPA Methods 8260 and 624 are used to quantitate volatile organic compounds that have boiling points below 200°C.
2-Methylnaphthalene and naphthalene are compounds with boiling points above 200°C and are better suited to quantitation by USEPA Methods 8270 or 625 as semivolatile organic compounds.

CODE "ST" , LAB PRESERVED, "J" CODE ALL RESULTS DUE TO POOR SURROGATE RECOVERY, UNiD PEAKS

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-18OS

Date Collected:	6/1/2000	Test Code:	SBNA
Date Extracted:	6/13/2000 by tm-1186	Test Name:	BNA - Sediment
Date Analyzed:	6/22/2000 by SMG	Sample ID:	MC17-150-210
Total Solids:	51%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		6500	10
108-95-2	Phenol	ND		6500	10
111-44-4	Bis(2-chloroethyl)ether	ND		2000	10
95-57-8	2-Chlorophenol	ND		6500	10
541-73-1	1,3-Dichlorobenzene	ND		2000	10
106-46-7	1,4-Dichlorobenzene	ND		2000	10
95-50-1	1,2-Dichlorobenzene	ND		2000	10
95-48-7	2-Methylphenol (o-cresol)	ND		6500	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		2000	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		13000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		3900	10
67-72-1	Hexachloroethane	ND		2000	10
98-95-3	Nitrobenzene	ND		3900	10
78-59-1	Isophorone	ND		2000	10
88-75-5	2-Nitrophenol	ND		6500	10
105-67-9	2,4-Dimethylphenol	ND		6500	10
111-91-1	Bis(2-chloroethoxy)methane	ND		3900	10
120-83-2	2,4-Dichlorophenol	ND		6500	10
120-82-1	1,2,4-Trichlorobenzene	ND		3900	10
91-20-3	Naphthalene	ND		2000	10
87-68-3	Hexachlorobutadiene	ND		3900	10
59-50-7	4-Chloro-3-methylphenol	ND		6500	10
91-57-6	2-Methylnaphthalene	ND		4900	10
77-47-4	Hexachlorocyclopentadiene	ND		39000	10
88-06-2	2,4,6-Trichlorophenol	ND		6500	10
95-95-4	2,4,5-Trichlorophenol	ND		6500	10
91-58-7	2-Chloronaphthalene	ND		3900	10
88-74-4	2-Nitroaniline	ND		33000	10
208-96-8	Acenaphthylene	ND		2000	10
131-11-3	Dimethyl phthalate	ND		3900	10
606-20-2	2,6-Dinitrotoluene	ND		6500	10
99-09-2	3-Nitroaniline	ND		33000	10
83-32-9	Acenaphthene	ND		2000	10
51-28-5	2,4-Dinitrophenol	ND		33000	10
132-64-9	Dibenzofuran	ND		6500	10
100-02-7	4-Nitrophenol	ND		33000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		6500	10
86-73-7	Fluorene	ND		2000	10
84-66-2	Diethyl phthalate	ND		2000	10
100-01-6	4-Nitroaniline	ND		33000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		33000	10
7005-72-3	4-Chlorophenyl phenylether	ND		2000	10
156-10-5	N-Nitrosodiphenylamine	ND		3900	10
103-33-3	Azobenzene	ND		3900	10
101-55-3	4-Bromophenyl phenylether	ND		3900	10
118-74-1	Hexachlorobenzene	ND		3900	10
87-86-5	Pentachlorophenol	ND		67000	10
85-01-8	Phenanthrene	1100	T	2000	10
120-12-7	Anthracene	ND		2000	10
86-74-8	Carbazole	ND		6500	10
84-74-2	Di-n-butyl phthalate	ND		2000	10
206-44-0	Fluoranthene	1100	T	2000	10
129-00-0	Pyrene	1200	T	2000	10
85-68-7	Butyl benzyl phthalate	ND		2000	10
56-55-3	Benz(a)anthracene	ND		2000	10
218-01-9	Chrysene	ND		2000	10
117-81-7	Bis(2-ethylhexyl)phthalate	13000		3900	10
117-84-0	Di-n-octyl phthalate	ND		3900	10
205-99-2	Benzo(b)fluoranthene	ND		3900	10
207-08-9	Benzo(k)fluoranthene	ND		3900	10
50-32-8	Benzo(a)pyrene	ND		3900	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		3900	10
53-70-3	Dibenz(a,h)anthracene	ND		3900	10
191-24-2	Benzo(g,h,i)perylene	ND		3900	10

The elevated reporting limits are due to matrix interferences.

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-18OS

Date Collected:	6/1/2000	Test Code:	SPCB
Date Extracted:	6/12/2000 by tm-1185	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	MC17-150-210
Total Solids:	51%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		200	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		200	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		200	1.0
53469-21-9	Aroclor 1242 (PCB)	170	T	200	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		200	1.0
11097-69-1	Aroclor 1254 (PCB)	640		200	1.0
11096-82-5	Aroclor 1260 (PCB)	920		200	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		200	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		200	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns
LH - low surrogate recovery

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-19ME

Date Collected:	6/1/2000	Test Code:	SME
		Test Name:	MEOH-Sed
Date Analyzed:	6/7/2000 by GRINWISS	Sample ID:	MC17-210-B
Total Solids:	51%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
75-71-8	Dichlorodifluoromethane	ND		490	50.3
74-87-3	Chloromethane	ND		490	50.3
75-01-4	Vinyl chloride	ND		200	50.3
74-83-9	Bromomethane	ND		490	50.3
75-00-3	Chloroethane	ND		490	50.3
75-69-4	Trichlorofluoromethane	ND		490	50.3
67-64-1	Acetone	ND		1500	50.3
60-29-7	Diethyl ether	ND		490	50.3
75-35-4	1,1-Dichloroethylene	ND		99	50.3
74-88-4	Methyl iodide	ND		200	50.3
107-13-1	Acrylonitrile	ND		490	50.3
75-09-2	Methylene chloride	ND		490	50.3
75-15-0	Carbon disulfide	ND		490	50.3
156-60-5	trans-1,2-Dichloroethylene	ND		99	50.3
1634-04-4	Methyltertbutylether (MTBE)	ND		490	50.3
75-34-3	1,1-Dichloroethane	ND		99	50.3
78-93-3	2-Butanone (MEK)	ND		490	50.3
156-59-2	cis-1,2-Dichloroethylene	ND		99	50.3
67-66-3	Chloroform	ND		99	50.3
74-97-5	Bromochloromethane	ND		200	50.3
71-55-6	1,1,1-Trichloroethane	ND		99	50.3
107-06-2	1,2-Dichloroethane	ND		99	50.3
71-43-2	Benzene	ND		99	50.3
56-23-5	Carbon tetrachloride	ND		99	50.3
78-87-5	1,2-Dichloropropane	ND		99	50.3
79-01-6	Trichloroethylene	ND		99	50.3
74-95-3	Dibromomethane	ND		200	50.3
75-27-4	Bromodichloromethane	ND		200	50.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		490	50.3
10061-01-5	cis-1,3-Dichloropropene	ND		99	50.3
10061-02-6	trans-1,3-Dichloropropene	ND		99	50.3
108-88-3	Toluene	180		99	50.3
79-00-5	1,1,2-Trichloroethane	ND		99	50.3
591-78-6	2-Hexanone	ND		490	50.3
124-48-1	Dibromochloromethane	ND		200	50.3
106-93-4	1,2-Dibromoethane	ND		99	50.3

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
127-18-4	Tetrachloroethene	ND		99	50.3
108-90-7	Chlorobenzene	ND		99	50.3
630-20-6	1,1,1,2-Tetrachloroethane	ND		200	50.3
100-41-4	Ethylbenzene	ND		99	50.3
108383,106423	m & p-Xylene	200		200	50.3
75-25-2	Bromoform	ND		200	50.3
100-42-5	Styrene	ND		99	50.3
95-47-6	o-Xylene	120		99	50.3
79-34-5	1,1,2,2-Tetrachloroethane	ND		200	50.3
96-18-4	1,2,3-Trichloropropane	ND		200	50.3
110-57-6	trans-1,4-Dichloro-2-butene	ND		200	50.3
98-82-8	Isopropylbenzene	ND		200	50.3
108-86-1	Bromobenzene	ND		200	50.3
103-65-1	n-Propylbenzene	ND		200	50.3
108-67-8	1,3,5-Trimethylbenzene	ND		200	50.3
98-06-6	tert-Butylbenzene	ND		490	50.3
95-63-6	1,2,4-Trimethylbenzene	230		200	50.3
135-98-8	sec-Butylbenzene	ND		490	50.3
541-73-1	1,3-Dichlorobenzene	ND		200	50.3
106-46-7	1,4-Dichlorobenzene	ND		200	50.3
99-87-6	p-Isopropyl toluene	ND		490	50.3
95-50-1	1,2-Dichlorobenzene	ND		200	50.3
104-51-8	n-Butylbenzene	ND		490	50.3
67-72-1	Hexachloroethane	ND		200	50.3
96-12-8	1,2-Dibromo-3-chloropropane	ND		490	50.3
120-82-1	1,2,4-Trichlorobenzene	ND		490	50.3
91-20-3	Naphthalene	ND		490	50.3
87-61-6	1,2,3-Trichlorobenzene	ND		490	50.3
91-57-6	2-Methylnaphthalene	ND		490	50.3

ND = not detected at the specified reporting limit. NM = not measured.
Reference method is 8260.
USEPA Methods 8260 and 624 are used to quantitate volatile organic compounds that have boiling points below 200°C.
2-Methylnaphthalene and naphthalene are compounds with boiling points above 200°C and are better suited to quantitation by USEPA Methods 8270 or 625 as semivolatile organic compounds.

CODE "ST" , LAB PRESERVED, UNiD PEAKS

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-19OS

Date Collected:	6/1/2000	Test Code:	SBNA
Date Extracted:	6/13/2000 by tm-1186	Test Name:	BNA - Sediment
Date Analyzed:	6/22/2000 by SMG	Sample ID:	MC17-210-B
Total Solids:	51%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		6500	10
108-95-2	Phenol	ND		6500	10
111-44-4	Bis(2-chloroethyl)ether	ND		2000	10
95-57-8	2-Chlorophenol	ND		6500	10
541-73-1	1,3-Dichlorobenzene	ND		2000	10
106-46-7	1,4-Dichlorobenzene	ND		2000	10
95-50-1	1,2-Dichlorobenzene	ND		2000	10
95-48-7	2-Methylphenol (o-cresol)	ND		6500	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		2000	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		13000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		3900	10
67-72-1	Hexachloroethane	ND		2000	10
98-95-3	Nitrobenzene	ND		3900	10
78-59-1	Isophorone	ND		2000	10
88-75-5	2-Nitrophenol	ND		6500	10
105-67-9	2,4-Dimethylphenol	ND		6500	10
111-91-1	Bis(2-chloroethoxy)methane	ND		3900	10
120-83-2	2,4-Dichlorophenol	ND		6500	10
120-82-1	1,2,4-Trichlorobenzene	ND		3900	10
91-20-3	Naphthalene	ND		2000	10
87-68-3	Hexachlorobutadiene	ND		3900	10
59-50-7	4-Chloro-3-methylphenol	ND		6500	10
91-57-6	2-Methylnaphthalene	ND		4900	10
77-47-4	Hexachlorocyclopentadiene	ND		39000	10
88-06-2	2,4,6-Trichlorophenol	ND		6500	10
95-95-4	2,4,5-Trichlorophenol	ND		6500	10
91-58-7	2-Chloronaphthalene	ND		3900	10
88-74-4	2-Nitroaniline	ND		33000	10
208-96-8	Acenaphthylene	ND		2000	10
131-11-3	Dimethyl phthalate	ND		3900	10
606-20-2	2,6-Dinitrotoluene	ND		6500	10
99-09-2	3-Nitroaniline	ND		33000	10
83-32-9	Acenaphthene	ND		2000	10
51-28-5	2,4-Dinitrophenol	ND		33000	10
132-64-9	Dibenzofuran	ND		6500	10
100-02-7	4-Nitrophenol	ND		33000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		6500	10
86-73-7	Fluorene	ND		2000	10
84-66-2	Diethyl phthalate	ND		2000	10
100-01-6	4-Nitroaniline	ND		33000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		33000	10
7005-72-3	4-Chlorophenyl phenylether	ND		2000	10
156-10-5	N-Nitrosodiphenylamine	ND		3900	10
103-33-3	Azobenzene	ND		3900	10
101-55-3	4-Bromophenyl phenylether	ND		3900	10
118-74-1	Hexachlorobenzene	ND		3900	10
87-86-5	Pentachlorophenol	ND		67000	10
85-01-8	Phenanthrene	ND		2000	10
120-12-7	Anthracene	ND		2000	10
86-74-8	Carbazole	ND		6500	10
84-74-2	Di-n-butyl phthalate	ND		2000	10
206-44-0	Fluoranthene	ND		2000	10
129-00-0	Pyrene	ND		2000	10
85-68-7	Butyl benzyl phthalate	ND		2000	10
56-55-3	Benz(a)anthracene	ND		2000	10
218-01-9	Chrysene	ND		2000	10
117-81-7	Bis(2-ethylhexyl)phthalate	7200		3900	10
117-84-0	Di-n-octyl phthalate	ND		3900	10
205-99-2	Benzo(b)fluoranthene	ND		3900	10
207-08-9	Benzo(k)fluoranthene	ND		3900	10
50-32-8	Benzo(a)pyrene	ND		3900	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		3900	10
53-70-3	Dibenz(a,h)anthracene	ND		3900	10
191-24-2	Benzo(g,h,i)perylene	ND		3900	10

The elevated reporting limits are due to matrix interferences.

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-19OS

Date Collected:	6/1/2000	Test Code:	SPCB
Date Extracted:	6/12/2000 by tm-1185	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	MC17-210-B
Total Solids:	51%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		200	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		200	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		200	1.0
53469-21-9	Aroclor 1242 (PCB)	520		200	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		200	1.0
11097-69-1	Aroclor 1254 (PCB)	750		200	1.0
11096-82-5	Aroclor 1260 (PCB)	550		200	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		200	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		200	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns
LH - low surrogate recovery

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-20ME

Date Collected:	6/1/2000	Test Code:	SME
		Test Name:	MEOH-Sed
Date Analyzed:	6/7/2000 by GRINWISS	Sample ID:	MC18-00-30
Total Solids:	45%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
75-71-8	Dichlorodifluoromethane	ND		550	49.5
74-87-3	Chloromethane	ND		550	49.5
75-01-4	Vinyl chloride	ND		220	49.5
74-83-9	Bromomethane	ND		550	49.5
75-00-3	Chloroethane	ND		550	49.5
75-69-4	Trichlorofluoromethane	ND		550	49.5
67-64-1	Acetone	ND		1600	49.5
60-29-7	Diethyl ether	ND		550	49.5
75-35-4	1,1-Dichloroethylene	ND		110	49.5
74-88-4	Methyl iodide	ND		220	49.5
107-13-1	Acrylonitrile	ND		550	49.5
75-09-2	Methylene chloride	ND		550	49.5
75-15-0	Carbon disulfide	ND		550	49.5
156-60-5	trans-1,2-Dichloroethylene	ND		110	49.5
1634-04-4	Methyltertbutylether (MTBE)	ND		550	49.5
75-34-3	1,1-Dichloroethane	ND		110	49.5
78-93-3	2-Butanone (MEK)	ND		550	49.5
156-59-2	cis-1,2-Dichloroethylene	ND		110	49.5
67-66-3	Chloroform	ND		110	49.5
74-97-5	Bromochloromethane	ND		220	49.5
71-55-6	1,1,1-Trichloroethane	ND		110	49.5
107-06-2	1,2-Dichloroethane	ND		110	49.5
71-43-2	Benzene	ND		110	49.5
56-23-5	Carbon tetrachloride	ND		110	49.5
78-87-5	1,2-Dichloropropane	ND		110	49.5
79-01-6	Trichloroethylene	ND		110	49.5
74-95-3	Dibromomethane	ND		220	49.5
75-27-4	Bromodichloromethane	ND		220	49.5
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		550	49.5
10061-01-5	cis-1,3-Dichloropropene	ND		110	49.5
10061-02-6	trans-1,3-Dichloropropene	ND		110	49.5
108-88-3	Toluene	280	J	110	49.5
79-00-5	1,1,2-Trichloroethane	ND		110	49.5
591-78-6	2-Hexanone	ND		550	49.5
124-48-1	Dibromochloromethane	ND		220	49.5
106-93-4	1,2-Dibromoethane	ND		110	49.5

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
127-18-4	Tetrachloroethene	ND		110	49.5
108-90-7	Chlorobenzene	ND		110	49.5
630-20-6	1,1,1,2-Tetrachloroethane	ND		220	49.5
100-41-4	Ethylbenzene	ND		110	49.5
108383,106423	m & p-Xylene	ND		220	49.5
75-25-2	Bromoform	ND		220	49.5
100-42-5	Styrene	ND		110	49.5
95-47-6	o-Xylene	ND		110	49.5
79-34-5	1,1,2,2-Tetrachloroethane	ND		220	49.5
96-18-4	1,2,3-Trichloropropane	ND		220	49.5
110-57-6	trans-1,4-Dichloro-2-butene	ND		220	49.5
98-82-8	Isopropylbenzene	ND		220	49.5
108-86-1	Bromobenzene	ND		220	49.5
103-65-1	n-Propylbenzene	ND		220	49.5
108-67-8	1,3,5-Trimethylbenzene	ND		220	49.5
98-06-6	tert-Butylbenzene	ND		550	49.5
95-63-6	1,2,4-Trimethylbenzene	ND		220	49.5
135-98-8	sec-Butylbenzene	ND		550	49.5
541-73-1	1,3-Dichlorobenzene	ND		220	49.5
106-46-7	1,4-Dichlorobenzene	ND		220	49.5
99-87-6	p-Isopropyl toluene	ND		550	49.5
95-50-1	1,2-Dichlorobenzene	ND		220	49.5
104-51-8	n-Butylbenzene	ND		550	49.5
67-72-1	Hexachloroethane	ND		220	49.5
96-12-8	1,2-Dibromo-3-chloropropane	ND		550	49.5
120-82-1	1,2,4-Trichlorobenzene	ND		550	49.5
91-20-3	Naphthalene	ND		550	49.5
87-61-6	1,2,3-Trichlorobenzene	ND		550	49.5
91-57-6	2-Methylnaphthalene	ND		550	49.5

ND = not detected at the specified reporting limit. NM = not measured.
Reference method is 8260.
USEPA Methods 8260 and 624 are used to quantitate volatile organic compounds that have boiling points below 200°C.
2-Methylnaphthalene and naphthalene are compounds with boiling points above 200°C and are better suited to quantitation by USEPA Methods 8270 or 625 as semivolatile organic compounds.

CODE "ST" , LAB PRESERVED, "J" CODE ALL RESULTS DUE TO POOR SURROGATE RECOVERY,

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-20OS

Date Collected:	6/1/2000	Test Code:	SBNA
Date Extracted:	6/13/2000 by tm-1186	Test Name:	BNA - Sediment
Date Analyzed:	6/21/2000 by SMG	Sample ID:	MC18-00-30
Total Solids:	45%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		730	1
108-95-2	Phenol	ND		730	1
111-44-4	Bis(2-chloroethyl)ether	ND		220	1
95-57-8	2-Chlorophenol	ND		730	1
541-73-1	1,3-Dichlorobenzene	ND		220	1
106-46-7	1,4-Dichlorobenzene	ND		220	1
95-50-1	1,2-Dichlorobenzene	ND		220	1
95-48-7	2-Methylphenol (o-cresol)	ND		730	1
108-60-1	Bis(2-chloroisopropyl)ether	ND		220	1
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		1500	1
621-64-7	N-Nitrosodi-n-propylamine	ND		440	1
67-72-1	Hexachloroethane	ND		220	1
98-95-3	Nitrobenzene	ND		440	1
78-59-1	Isophorone	ND		220	1
88-75-5	2-Nitrophenol	ND		730	1
105-67-9	2,4-Dimethylphenol	ND		730	1
111-91-1	Bis(2-chloroethoxy)methane	ND		440	1
120-83-2	2,4-Dichlorophenol	ND		730	1
120-82-1	1,2,4-Trichlorobenzene	ND		440	1
91-20-3	Naphthalene	170	T	220	1
87-68-3	Hexachlorobutadiene	ND		440	1
59-50-7	4-Chloro-3-methylphenol	ND		730	1
91-57-6	2-Methylnaphthalene	ND		560	1
77-47-4	Hexachlorocyclopentadiene	ND		4400	1
88-06-2	2,4,6-Trichlorophenol	ND		730	1
95-95-4	2,4,5-Trichlorophenol	ND		730	1
91-58-7	2-Chloronaphthalene	ND		440	1
88-74-4	2-Nitroaniline	ND		3800	1
208-96-8	Acenaphthylene	ND		220	1
131-11-3	Dimethyl phthalate	ND		440	1
606-20-2	2,6-Dinitrotoluene	ND		730	1
99-09-2	3-Nitroaniline	ND		3800	1
83-32-9	Acenaphthene	ND		220	1
51-28-5	2,4-Dinitrophenol	ND		3800	1
132-64-9	Dibenzofuran	ND		730	1
100-02-7	4-Nitrophenol	ND		3800	1

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		730	1
86-73-7	Fluorene	ND		220	1
84-66-2	Diethyl phthalate	ND		220	1
100-01-6	4-Nitroaniline	ND		3800	1
534-52-1	2-Methyl-4,6-dinitrophenol	ND		3800	1
7005-72-3	4-Chlorophenyl phenylether	ND		220	1
156-10-5	N-Nitrosodiphenylamine	ND		440	1
103-33-3	Azobenzene	ND		440	1
101-55-3	4-Bromophenyl phenylether	ND		440	1
118-74-1	Hexachlorobenzene	ND		440	1
87-86-5	Pentachlorophenol	ND		7600	1
85-01-8	Phenanthrene	400		220	1
120-12-7	Anthracene	ND		220	1
86-74-8	Carbazole	ND		730	1
84-74-2	Di-n-butyl phthalate	ND		220	1
206-44-0	Fluoranthene	600		220	1
129-00-0	Pyrene	470		220	1
85-68-7	Butyl benzyl phthalate	ND		220	1
56-55-3	Benz(a)anthracene	230		220	1
218-01-9	Chrysene	300		220	1
117-81-7	Bis(2-ethylhexyl)phthalate	2100		440	1
117-84-0	Di-n-octyl phthalate	ND		440	1
205-99-2	Benzo(b)fluoranthene	ND		440	1
207-08-9	Benzo(k)fluoranthene	ND		440	1
50-32-8	Benzo(a)pyrene	ND		440	1
193-39-5	Indeno(1,2,3-cd)pyrene	ND		440	1
53-70-3	Dibenz(a,h)anthracene	ND		440	1
191-24-2	Benzo(g,h,i)perylene	ND		440	1

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-20OS

Date Collected:	6/1/2000	Test Code:	SPCB
Date Extracted:	6/12/2000 by tm-1185	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	MC18-00-30
Total Solids:	45%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		220	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		220	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		220	1.0
53469-21-9	Aroclor 1242 (PCB)	150	T	220	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		220	1.0
11097-69-1	Aroclor 1254 (PCB)	430		220	1.0
11096-82-5	Aroclor 1260 (PCB)	480		220	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		220	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		220	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-21ME

Date Collected:	6/1/2000	Test Code:	SME
		Test Name:	MEOH-Sed
Date Analyzed:	6/7/2000 by GRINWISS	Sample ID:	MC18-30-90
Total Solids:	47%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
75-71-8	Dichlorodifluoromethane	ND		510	47.8
74-87-3	Chloromethane	ND		510	47.8
75-01-4	Vinyl chloride	ND		200	47.8
74-83-9	Bromomethane	ND		510	47.8
75-00-3	Chloroethane	ND		510	47.8
75-69-4	Trichlorofluoromethane	ND		510	47.8
67-64-1	Acetone	ND		1500	47.8
60-29-7	Diethyl ether	ND		510	47.8
75-35-4	1,1-Dichloroethylene	ND		100	47.8
74-88-4	Methyl iodide	ND		200	47.8
107-13-1	Acrylonitrile	ND		510	47.8
75-09-2	Methylene chloride	ND		510	47.8
75-15-0	Carbon disulfide	ND		510	47.8
156-60-5	trans-1,2-Dichloroethylene	ND		100	47.8
1634-04-4	Methyltertbutylether (MTBE)	ND		510	47.8
75-34-3	1,1-Dichloroethane	ND		100	47.8
78-93-3	2-Butanone (MEK)	ND		510	47.8
156-59-2	cis-1,2-Dichloroethylene	ND		100	47.8
67-66-3	Chloroform	ND		100	47.8
74-97-5	Bromochloromethane	ND		200	47.8
71-55-6	1,1,1-Trichloroethane	ND		100	47.8
107-06-2	1,2-Dichloroethane	ND		100	47.8
71-43-2	Benzene	ND		100	47.8
56-23-5	Carbon tetrachloride	ND		100	47.8
78-87-5	1,2-Dichloropropane	ND		100	47.8
79-01-6	Trichloroethylene	ND		100	47.8
74-95-3	Dibromomethane	ND		200	47.8
75-27-4	Bromodichloromethane	ND		200	47.8
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		510	47.8
10061-01-5	cis-1,3-Dichloropropene	ND		100	47.8
10061-02-6	trans-1,3-Dichloropropene	ND		100	47.8
108-88-3	Toluene	120	J	100	47.8
79-00-5	1,1,2-Trichloroethane	ND		100	47.8
591-78-6	2-Hexanone	ND		510	47.8
124-48-1	Dibromochloromethane	ND		200	47.8
106-93-4	1,2-Dibromoethane	ND		100	47.8

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
127-18-4	Tetrachloroethene	ND		100	47.8
108-90-7	Chlorobenzene	ND		100	47.8
630-20-6	1,1,1,2-Tetrachloroethane	ND		200	47.8
100-41-4	Ethylbenzene	ND		100	47.8
,108383,106423	m & p-Xylene	ND		200	47.8
75-25-2	Bromoform	ND		200	47.8
100-42-5	Styrene	ND		100	47.8
95-47-6	o-Xylene	ND		100	47.8
79-34-5	1,1,2,2-Tetrachloroethane	ND		200	47.8
96-18-4	1,2,3-Trichloropropane	ND		200	47.8
110-57-6	trans-1,4-Dichloro-2-butene	ND		200	47.8
98-82-8	Isopropylbenzene	ND		200	47.8
108-86-1	Bromobenzene	ND		200	47.8
103-65-1	n-Propylbenzene	ND		200	47.8
108-67-8	1,3,5-Trimethylbenzene	ND		200	47.8
98-06-6	tert-Butylbenzene	ND		510	47.8
95-63-6	1,2,4-Trimethylbenzene	ND		200	47.8
135-98-8	sec-Butylbenzene	ND		510	47.8
541-73-1	1,3-Dichlorobenzene	ND		200	47.8
106-46-7	1,4-Dichlorobenzene	ND		200	47.8
99-87-6	p-Isopropyl toluene	ND		510	47.8
95-50-1	1,2-Dichlorobenzene	ND		200	47.8
104-51-8	n-Butylbenzene	ND		510	47.8
67-72-1	Hexachloroethane	ND		200	47.8
96-12-8	1,2-Dibromo-3-chloropropane	ND		510	47.8
120-82-1	1,2,4-Trichlorobenzene	ND		510	47.8
91-20-3	Naphthalene	ND		510	47.8
87-61-6	1,2,3-Trichlorobenzene	ND		510	47.8
91-57-6	2-Methylnaphthalene	ND		510	47.8

ND = not detected at the specified reporting limit. NM = not measured.
Reference method is 8260.
USEPA Methods 8260 and 624 are used to quantitate volatile organic compounds that have boiling points below 200°C.
2-Methylnaphthalene and naphthalene are compounds with boiling points above 200°C and are better suited to quantitation by USEPA Methods 8270 or 625 as semivolatile organic compounds.

CODE "ST" , LAB PRESERVED, "J" CODE ALL RESULTS DUE TO POOR SURROGATE RECOVERY, UNiD PEAKS

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-21OS

Date Collected:	6/1/2000	Test Code:	SBNA
Date Extracted:	6/13/2000 by tm-1186	Test Name:	BNA - Sediment
Date Analyzed:	6/21/2000 by SMG	Sample ID:	MC18-30-90
Total Solids:	47%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		7000	10
108-95-2	Phenol	ND		7000	10
111-44-4	Bis(2-chloroethyl)ether	ND		2100	10
95-57-8	2-Chlorophenol	ND		7000	10
541-73-1	1,3-Dichlorobenzene	ND		2100	10
106-46-7	1,4-Dichlorobenzene	ND		2100	10
95-50-1	1,2-Dichlorobenzene	ND		2100	10
95-48-7	2-Methylphenol (o-cresol)	ND		7000	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		2100	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		14000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		4300	10
67-72-1	Hexachloroethane	ND		2100	10
98-95-3	Nitrobenzene	ND		4300	10
78-59-1	Isophorone	ND		2100	10
88-75-5	2-Nitrophenol	ND		7000	10
105-67-9	2,4-Dimethylphenol	ND		7000	10
111-91-1	Bis(2-chloroethoxy)methane	ND		4300	10
120-83-2	2,4-Dichlorophenol	ND		7000	10
120-82-1	1,2,4-Trichlorobenzene	ND		4300	10
91-20-3	Naphthalene	ND		2100	10
87-68-3	Hexachlorobutadiene	ND		4300	10
59-50-7	4-Chloro-3-methylphenol	ND		7000	10
91-57-6	2-Methylnaphthalene	ND		5300	10
77-47-4	Hexachlorocyclopentadiene	ND		43000	10
88-06-2	2,4,6-Trichlorophenol	ND		7000	10
95-95-4	2,4,5-Trichlorophenol	ND		7000	10
91-58-7	2-Chloronaphthalene	ND		4300	10
88-74-4	2-Nitroaniline	ND		36000	10
208-96-8	Acenaphthylene	ND		2100	10
131-11-3	Dimethyl phthalate	ND		4300	10
606-20-2	2,6-Dinitrotoluene	ND		7000	10
99-09-2	3-Nitroaniline	ND		36000	10
83-32-9	Acenaphthene	ND		2100	10
51-28-5	2,4-Dinitrophenol	ND		36000	10
132-64-9	Dibenzofuran	ND		7000	10
100-02-7	4-Nitrophenol	ND		36000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		7000	10
86-73-7	Fluorene	ND		2100	10
84-66-2	Diethyl phthalate	ND		2100	10
100-01-6	4-Nitroaniline	ND		36000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		36000	10
7005-72-3	4-Chlorophenyl phenylether	ND		2100	10
156-10-5	N-Nitrosodiphenylamine	ND		4300	10
103-33-3	Azobenzene	ND		4300	10
101-55-3	4-Bromophenyl phenylether	ND		4300	10
118-74-1	Hexachlorobenzene	ND		4300	10
87-86-5	Pentachlorophenol	ND		72000	10
85-01-8	Phenanthrene	ND		2100	10
120-12-7	Anthracene	ND		2100	10
86-74-8	Carbazole	ND		7000	10
84-74-2	Di-n-butyl phthalate	ND		2100	10
206-44-0	Fluoranthene	ND		2100	10
129-00-0	Pyrene	ND		2100	10
85-68-7	Butyl benzyl phthalate	ND		2100	10
56-55-3	Benz(a)anthracene	ND		2100	10
218-01-9	Chrysene	ND		2100	10
117-81-7	Bis(2-ethylhexyl)phthalate	6900		4300	10
117-84-0	Di-n-octyl phthalate	ND		4300	10
205-99-2	Benzo(b)fluoranthene	ND		4300	10
207-08-9	Benzo(k)fluoranthene	ND		4300	10
50-32-8	Benzo(a)pyrene	ND		4300	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		4300	10
53-70-3	Dibenz(a,h)anthracene	ND		4300	10
191-24-2	Benzo(g,h,i)perylene	ND		4300	10

The elevated reporting limits are due to matrix interferences.

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-21OS

Date Collected:	6/1/2000	Test Code:	SPCB
Date Extracted:	6/12/2000 by tm-1185	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	MC18-30-90
Total Solids:	47%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		210	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		210	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		210	1.0
53469-21-9	Aroclor 1242 (PCB)	780		210	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		210	1.0
11097-69-1	Aroclor 1254 (PCB)	1000		210	1.0
11096-82-5	Aroclor 1260 (PCB)	460		210	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		210	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		210	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns
LH - low surrogate recovery

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-22ME

Date Collected:	6/1/2000	Test Code:	SME
		Test Name:	MEOH-Sed
Date Analyzed:	6/7/2000 by GRINWISS	Sample ID:	MC18-30-90DUP
Total Solids:	47%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
75-71-8	Dichlorodifluoromethane	ND		520	48.9
74-87-3	Chloromethane	ND		520	48.9
75-01-4	Vinyl chloride	ND		210	48.9
74-83-9	Bromomethane	ND		520	48.9
75-00-3	Chloroethane	ND		520	48.9
75-69-4	Trichlorofluoromethane	ND		520	48.9
67-64-1	Acetone	ND		1600	48.9
60-29-7	Diethyl ether	ND		520	48.9
75-35-4	1,1-Dichloroethylene	ND		100	48.9
74-88-4	Methyl iodide	ND		210	48.9
107-13-1	Acrylonitrile	ND		520	48.9
75-09-2	Methylene chloride	ND		520	48.9
75-15-0	Carbon disulfide	ND		520	48.9
156-60-5	trans-1,2-Dichloroethylene	ND		100	48.9
1634-04-4	Methyltertbutylether (MTBE)	ND		520	48.9
75-34-3	1,1-Dichloroethane	ND		100	48.9
78-93-3	2-Butanone (MEK)	ND		520	48.9
156-59-2	cis-1,2-Dichloroethylene	ND		100	48.9
67-66-3	Chloroform	ND		100	48.9
74-97-5	Bromochloromethane	ND		210	48.9
71-55-6	1,1,1-Trichloroethane	ND		100	48.9
107-06-2	1,2-Dichloroethane	ND		100	48.9
71-43-2	Benzene	ND		100	48.9
56-23-5	Carbon tetrachloride	ND		100	48.9
78-87-5	1,2-Dichloropropane	ND		100	48.9
79-01-6	Trichloroethylene	ND		100	48.9
74-95-3	Dibromomethane	ND		210	48.9
75-27-4	Bromodichloromethane	ND		210	48.9
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		520	48.9
10061-01-5	cis-1,3-Dichloropropene	ND		100	48.9
10061-02-6	trans-1,3-Dichloropropene	ND		100	48.9
108-88-3	Toluene	ND		100	48.9
79-00-5	1,1,2-Trichloroethane	ND		100	48.9
591-78-6	2-Hexanone	ND		520	48.9
124-48-1	Dibromochloromethane	ND		210	48.9
106-93-4	1,2-Dibromoethane	ND		100	48.9

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
127-18-4	Tetrachloroethene	ND		100	48.9
108-90-7	Chlorobenzene	ND		100	48.9
630-20-6	1,1,1,2-Tetrachloroethane	ND		210	48.9
100-41-4	Ethylbenzene	ND		100	48.9
108383,106423	m & p-Xylene	ND		210	48.9
75-25-2	Bromoform	ND		210	48.9
100-42-5	Styrene	ND		100	48.9
95-47-6	o-Xylene	ND		100	48.9
79-34-5	1,1,2,2-Tetrachloroethane	ND		210	48.9
96-18-4	1,2,3-Trichloropropane	ND		210	48.9
110-57-6	trans-1,4-Dichloro-2-butene	ND		210	48.9
98-82-8	Isopropylbenzene	ND		210	48.9
108-86-1	Bromobenzene	ND		210	48.9
103-65-1	n-Propylbenzene	ND		210	48.9
108-67-8	1,3,5-Trimethylbenzene	ND		210	48.9
98-06-6	tert-Butylbenzene	ND		520	48.9
95-63-6	1,2,4-Trimethylbenzene	ND		210	48.9
135-98-8	sec-Butylbenzene	ND		520	48.9
541-73-1	1,3-Dichlorobenzene	ND		210	48.9
106-46-7	1,4-Dichlorobenzene	ND		210	48.9
99-87-6	p-Isopropyl toluene	ND		520	48.9
95-50-1	1,2-Dichlorobenzene	ND		210	48.9
104-51-8	n-Butylbenzene	ND		520	48.9
67-72-1	Hexachloroethane	ND		210	48.9
96-12-8	1,2-Dibromo-3-chloropropane	ND		520	48.9
120-82-1	1,2,4-Trichlorobenzene	ND		520	48.9
91-20-3	Naphthalene	ND		520	48.9
87-61-6	1,2,3-Trichlorobenzene	ND		520	48.9
91-57-6	2-Methylnaphthalene	ND		520	48.9

ND = not detected at the specified reporting limit. NM = not measured.
Reference method is 8260.
USEPA Methods 8260 and 624 are used to quantitate volatile organic compounds that have boiling points below 200°C.
2-Methylnaphthalene and naphthalene are compounds with boiling points above 200°C and are better suited to quantitation by USEPA Methods 8270 or 625 as semivolatile organic compounds.

CODE "ST" , LAB PRESERVED, "J" CODE ALL RESULTS DUE TO POOR SURROGATE RECOVERY,

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-22OS

Date Collected:	6/1/2000	Test Code:	SBNA
Date Extracted:	6/13/2000 by tm-1186	Test Name:	BNA - Sediment
Date Analyzed:	6/22/2000 by SMG	Sample ID:	MC18-30-90DUP
Total Solids:	47%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		7000	10
108-95-2	Phenol	ND		7000	10
111-44-4	Bis(2-chloroethyl)ether	ND		2100	10
95-57-8	2-Chlorophenol	ND		7000	10
541-73-1	1,3-Dichlorobenzene	ND		2100	10
106-46-7	1,4-Dichlorobenzene	ND		2100	10
95-50-1	1,2-Dichlorobenzene	ND		2100	10
95-48-7	2-Methylphenol (o-cresol)	ND		7000	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		2100	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		14000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		4300	10
67-72-1	Hexachloroethane	ND		2100	10
98-95-3	Nitrobenzene	ND		4300	10
78-59-1	Isophorone	ND		2100	10
88-75-5	2-Nitrophenol	ND		7000	10
105-67-9	2,4-Dimethylphenol	ND		7000	10
111-91-1	Bis(2-chloroethoxy)methane	ND		4300	10
120-83-2	2,4-Dichlorophenol	ND		7000	10
120-82-1	1,2,4-Trichlorobenzene	ND		4300	10
91-20-3	Naphthalene	ND		2100	10
87-68-3	Hexachlorobutadiene	ND		4300	10
59-50-7	4-Chloro-3-methylphenol	ND		7000	10
91-57-6	2-Methylnaphthalene	ND		5300	10
77-47-4	Hexachlorocyclopentadiene	ND		43000	10
88-06-2	2,4,6-Trichlorophenol	ND		7000	10
95-95-4	2,4,5-Trichlorophenol	ND		7000	10
91-58-7	2-Chloronaphthalene	ND		4300	10
88-74-4	2-Nitroaniline	ND		36000	10
208-96-8	Acenaphthylene	ND		2100	10
131-11-3	Dimethyl phthalate	ND		4300	10
606-20-2	2,6-Dinitrotoluene	ND		7000	10
99-09-2	3-Nitroaniline	ND		36000	10
83-32-9	Acenaphthene	ND		2100	10
51-28-5	2,4-Dinitrophenol	ND		36000	10
132-64-9	Dibenzofuran	ND		7000	10
100-02-7	4-Nitrophenol	ND		36000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		7000	10
86-73-7	Fluorene	ND		2100	10
84-66-2	Diethyl phthalate	ND		2100	10
100-01-6	4-Nitroaniline	ND		36000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		36000	10
7005-72-3	4-Chlorophenyl phenylether	ND		2100	10
156-10-5	N-Nitrosodiphenylamine	ND		4300	10
103-33-3	Azobenzene	ND		4300	10
101-55-3	4-Bromophenyl phenylether	ND		4300	10
118-74-1	Hexachlorobenzene	ND		4300	10
87-86-5	Pentachlorophenol	ND		72000	10
85-01-8	Phenanthrene	1200	T	2100	10
120-12-7	Anthracene	ND		2100	10
86-74-8	Carbazole	ND		7000	10
84-74-2	Di-n-butyl phthalate	ND		2100	10
206-44-0	Fluoranthene	1500	T	2100	10
129-00-0	Pyrene	1200	T	2100	10
85-68-7	Butyl benzyl phthalate	ND		2100	10
56-55-3	Benz(a)anthracene	ND		2100	10
218-01-9	Chrysene	ND		2100	10
117-81-7	Bis(2-ethylhexyl)phthalate	16000		4300	10
117-84-0	Di-n-octyl phthalate	ND		4300	10
205-99-2	Benzo(b)fluoranthene	ND		4300	10
207-08-9	Benzo(k)fluoranthene	ND		4300	10
50-32-8	Benzo(a)pyrene	ND		4300	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		4300	10
53-70-3	Dibenz(a,h)anthracene	ND		4300	10
191-24-2	Benzo(g,h,i)perylene	ND		4300	10

The elevated reporting limits are due to matrix interferences.

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-22OS

Date Collected:	6/1/2000	Test Code:	SPCB
Date Extracted:	6/12/2000 by tm-1185	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	MC18-30-90DUP
Total Solids:	47%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		210	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		210	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		210	1.0
53469-21-9	Aroclor 1242 (PCB)	790		210	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		210	1.0
11097-69-1	Aroclor 1254 (PCB)	990		210	1.0
11096-82-5	Aroclor 1260 (PCB)	510		210	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		210	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		210	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-23ME

Date Collected:	6/1/2000	Test Code:	SME
		Test Name:	MEOH-Sed
Date Analyzed:	6/6/2000 by KL	Sample ID:	MC18-90-150
Total Solids:	48%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
75-71-8	Dichlorodifluoromethane	ND		510	49.0
74-87-3	Chloromethane	ND		510	49.0
75-01-4	Vinyl chloride	ND		200	49.0
74-83-9	Bromomethane	ND		510	49.0
75-00-3	Chloroethane	ND		510	49.0
75-69-4	Trichlorofluoromethane	ND		510	49.0
67-64-1	Acetone	ND		1500	49.0
60-29-7	Diethyl ether	ND		510	49.0
75-35-4	1,1-Dichloroethylene	ND		100	49.0
74-88-4	Methyl iodide	ND		200	49.0
107-13-1	Acrylonitrile	ND		510	49.0
75-09-2	Methylene chloride	ND		510	49.0
75-15-0	Carbon disulfide	ND		510	49.0
156-60-5	trans-1,2-Dichloroethylene	ND		100	49.0
1634-04-4	Methyltertbutylether (MTBE)	ND		510	49.0
75-34-3	1,1-Dichloroethane	ND		100	49.0
78-93-3	2-Butanone (MEK)	ND		510	49.0
156-59-2	cis-1,2-Dichloroethylene	ND		100	49.0
67-66-3	Chloroform	ND		100	49.0
74-97-5	Bromochloromethane	ND		200	49.0
71-55-6	1,1,1-Trichloroethane	ND		100	49.0
107-06-2	1,2-Dichloroethane	ND		100	49.0
71-43-2	Benzene	ND		100	49.0
56-23-5	Carbon tetrachloride	ND		100	49.0
78-87-5	1,2-Dichloropropane	ND		100	49.0
79-01-6	Trichloroethylene	ND		100	49.0
74-95-3	Dibromomethane	ND		200	49.0
75-27-4	Bromodichloromethane	ND		200	49.0
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		510	49.0
10061-01-5	cis-1,3-Dichloropropene	ND		100	49.0
10061-02-6	trans-1,3-Dichloropropene	ND		100	49.0
108-88-3	Toluene	160	J	100	49.0
79-00-5	1,1,2-Trichloroethane	ND		100	49.0
591-78-6	2-Hexanone	ND		510	49.0
124-48-1	Dibromochloromethane	ND		200	49.0
106-93-4	1,2-Dibromoethane	ND		100	49.0

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
127-18-4	Tetrachloroethene	ND		100	49.0
108-90-7	Chlorobenzene	ND		100	49.0
630-20-6	1,1,1,2-Tetrachloroethane	ND		200	49.0
100-41-4	Ethylbenzene	ND		100	49.0
108383,106423	m & p-Xylene	ND		200	49.0
75-25-2	Bromoform	ND		200	49.0
100-42-5	Styrene	ND		100	49.0
95-47-6	o-Xylene	ND		100	49.0
79-34-5	1,1,2,2-Tetrachloroethane	ND		200	49.0
96-18-4	1,2,3-Trichloropropane	ND		200	49.0
110-57-6	trans-1,4-Dichloro-2-butene	ND		200	49.0
98-82-8	Isopropylbenzene	ND		200	49.0
108-86-1	Bromobenzene	ND		200	49.0
103-65-1	n-Propylbenzene	ND		200	49.0
108-67-8	1,3,5-Trimethylbenzene	ND		200	49.0
98-06-6	tert-Butylbenzene	ND		510	49.0
95-63-6	1,2,4-Trimethylbenzene	ND		200	49.0
135-98-8	sec-Butylbenzene	ND		510	49.0
541-73-1	1,3-Dichlorobenzene	ND		200	49.0
106-46-7	1,4-Dichlorobenzene	ND		200	49.0
99-87-6	p-Isopropyl toluene	ND		510	49.0
95-50-1	1,2-Dichlorobenzene	ND		200	49.0
104-51-8	n-Butylbenzene	ND		510	49.0
67-72-1	Hexachloroethane	ND		200	49.0
96-12-8	1,2-Dibromo-3-chloropropane	ND		510	49.0
120-82-1	1,2,4-Trichlorobenzene	ND		510	49.0
91-20-3	Naphthalene	ND		510	49.0
87-61-6	1,2,3-Trichlorobenzene	ND		510	49.0
91-57-6	2-Methylnaphthalene	ND		510	49.0

UnID Peaks.
"J" code all results and reporting limits due to low surrogate recoveries.
"ST" code due to sample was preserved in the Lab.

ND = not detected at the specified reporting limit. NM = not measured.
Reference method is 8260.
USEPA Methods 8260 and 624 are used to quantitate volatile organic compounds that have boiling points below 200°C.
2-Methylnaphthalene and naphthalene are compounds with boiling points above 200°C and are better suited to quantitation by USEPA Methods 8270 or 625 as semivolatile organic compounds.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-23OS

Date Collected:	6/1/2000	Test Code:	SBNA
Date Extracted:	6/13/2000 by tm-1186	Test Name:	BNA - Sediment
Date Analyzed:	6/21/2000 by SMG	Sample ID:	MC18-90-150
Total Solids:	48%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		6900	10
108-95-2	Phenol	ND		6900	10
111-44-4	Bis(2-chloroethyl)ether	ND		2100	10
95-57-8	2-Chlorophenol	ND		6900	10
541-73-1	1,3-Dichlorobenzene	ND		2100	10
106-46-7	1,4-Dichlorobenzene	ND		2100	10
95-50-1	1,2-Dichlorobenzene	ND		2100	10
95-48-7	2-Methylphenol (o-cresol)	ND		6900	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		2100	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		14000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		4200	10
67-72-1	Hexachloroethane	ND		2100	10
98-95-3	Nitrobenzene	ND		4200	10
78-59-1	Isophorone	ND		2100	10
88-75-5	2-Nitrophenol	ND		6900	10
105-67-9	2,4-Dimethylphenol	ND		6900	10
111-91-1	Bis(2-chloroethoxy)methane	ND		4200	10
120-83-2	2,4-Dichlorophenol	ND		6900	10
120-82-1	1,2,4-Trichlorobenzene	ND		4200	10
91-20-3	Naphthalene	ND		2100	10
87-68-3	Hexachlorobutadiene	ND		4200	10
59-50-7	4-Chloro-3-methylphenol	ND		6900	10
91-57-6	2-Methylnaphthalene	ND		5200	10
77-47-4	Hexachlorocyclopentadiene	ND		42000	10
88-06-2	2,4,6-Trichlorophenol	ND		6900	10
95-95-4	2,4,5-Trichlorophenol	ND		6900	10
91-58-7	2-Chloronaphthalene	ND		4200	10
88-74-4	2-Nitroaniline	ND		35000	10
208-96-8	Acenaphthylene	ND		2100	10
131-11-3	Dimethyl phthalate	ND		4200	10
606-20-2	2,6-Dinitrotoluene	ND		6900	10
99-09-2	3-Nitroaniline	ND		35000	10
83-32-9	Acenaphthene	ND		2100	10
51-28-5	2,4-Dinitrophenol	ND		35000	10
132-64-9	Dibenzofuran	ND		6900	10
100-02-7	4-Nitrophenol	ND		35000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		6900	10
86-73-7	Fluorene	ND		2100	10
84-66-2	Diethyl phthalate	ND		2100	10
100-01-6	4-Nitroaniline	ND		35000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		35000	10
7005-72-3	4-Chlorophenyl phenylether	ND		2100	10
156-10-5	N-Nitrosodiphenylamine	ND		4200	10
103-33-3	Azobenzene	ND		4200	10
101-55-3	4-Bromophenyl phenylether	ND		4200	10
118-74-1	Hexachlorobenzene	ND		4200	10
87-86-5	Pentachlorophenol	ND		71000	10
85-01-8	Phenanthrene	ND		2100	10
120-12-7	Anthracene	ND		2100	10
86-74-8	Carbazole	ND		6900	10
84-74-2	Di-n-butyl phthalate	ND		2100	10
206-44-0	Fluoranthene	ND		2100	10
129-00-0	Pyrene	ND		2100	10
85-68-7	Butyl benzyl phthalate	ND		2100	10
56-55-3	Benz(a)anthracene	ND		2100	10
218-01-9	Chrysene	ND		2100	10
117-81-7	Bis(2-ethylhexyl)phthalate	4200		4200	10
117-84-0	Di-n-octyl phthalate	ND		4200	10
205-99-2	Benzo(b)fluoranthene	ND		4200	10
207-08-9	Benzo(k)fluoranthene	ND		4200	10
50-32-8	Benzo(a)pyrene	ND		4200	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		4200	10
53-70-3	Dibenz(a,h)anthracene	ND		4200	10
191-24-2	Benzo(g,h,i)perylene	ND		4200	10

The elevated reporting limits are due to matrix interferences.

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-23OS

Date Collected:	6/1/2000	Test Code:	SPCB
Date Extracted:	6/12/2000 by tm-1185	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	MC18-90-150
Total Solids:	48%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		210	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		210	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		210	1.0
53469-21-9	Aroclor 1242 (PCB)	4100		210	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		210	1.0
11097-69-1	Aroclor 1254 (PCB)	3100		210	1.0
11096-82-5	Aroclor 1260 (PCB)	750		210	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		210	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		210	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns
LH - low surrogate recovery

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-24ME

Date Collected:	6/1/2000	Test Code:	SME
		Test Name:	MEOH-Sed
Date Analyzed:	6/6/2000 by KL	Sample ID:	MC18-150-210
Total Solids:	49%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
75-71-8	Dichlorodifluoromethane	ND		520	50.9
74-87-3	Chloromethane	ND		520	50.9
75-01-4	Vinyl chloride	ND		210	50.9
74-83-9	Bromomethane	ND		520	50.9
75-00-3	Chloroethane	ND		520	50.9
75-69-4	Trichlorofluoromethane	ND		520	50.9
67-64-1	Acetone	ND		1600	50.9
60-29-7	Diethyl ether	ND		520	50.9
75-35-4	1,1-Dichloroethylene	ND		100	50.9
74-88-4	Methyl iodide	ND		210	50.9
107-13-1	Acrylonitrile	ND		520	50.9
75-09-2	Methylene chloride	ND		520	50.9
75-15-0	Carbon disulfide	ND		520	50.9
156-60-5	trans-1,2-Dichloroethylene	ND		100	50.9
1634-04-4	Methyltertbutylether (MTBE)	ND		520	50.9
75-34-3	1,1-Dichloroethane	ND		100	50.9
78-93-3	2-Butanone (MEK)	ND		520	50.9
156-59-2	cis-1,2-Dichloroethylene	ND		100	50.9
67-66-3	Chloroform	ND		100	50.9
74-97-5	Bromochloromethane	ND		210	50.9
71-55-6	1,1,1-Trichloroethane	ND		100	50.9
107-06-2	1,2-Dichloroethane	ND		100	50.9
71-43-2	Benzene	ND		100	50.9
56-23-5	Carbon tetrachloride	ND		100	50.9
78-87-5	1,2-Dichloropropane	ND		100	50.9
79-01-6	Trichloroethylene	ND		100	50.9
74-95-3	Dibromomethane	ND		210	50.9
75-27-4	Bromodichloromethane	ND		210	50.9
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		520	50.9
10061-01-5	cis-1,3-Dichloropropene	ND		100	50.9
10061-02-6	trans-1,3-Dichloropropene	ND		100	50.9
108-88-3	Toluene	240	J	100	50.9
79-00-5	1,1,2-Trichloroethane	ND		100	50.9
591-78-6	2-Hexanone	ND		520	50.9
124-48-1	Dibromochloromethane	ND		210	50.9
106-93-4	1,2-Dibromoethane	ND		100	50.9

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
127-18-4	Tetrachloroethene	ND		100	50.9
108-90-7	Chlorobenzene	ND		100	50.9
630-20-6	1,1,1,2-Tetrachloroethane	ND		210	50.9
100-41-4	Ethylbenzene	ND		100	50.9
108383,106423	m & p-Xylene	ND		210	50.9
75-25-2	Bromoform	ND		210	50.9
100-42-5	Styrene	ND		100	50.9
95-47-6	o-Xylene	ND		100	50.9
79-34-5	1,1,2,2-Tetrachloroethane	ND		210	50.9
96-18-4	1,2,3-Trichloropropane	ND		210	50.9
110-57-6	trans-1,4-Dichloro-2-butene	ND		210	50.9
98-82-8	Isopropylbenzene	ND		210	50.9
108-86-1	Bromobenzene	ND		210	50.9
103-65-1	n-Propylbenzene	ND		210	50.9
108-67-8	1,3,5-Trimethylbenzene	ND		210	50.9
98-06-6	tert-Butylbenzene	ND		520	50.9
95-63-6	1,2,4-Trimethylbenzene	210	J	210	50.9
135-98-8	sec-Butylbenzene	ND		520	50.9
541-73-1	1,3-Dichlorobenzene	ND		210	50.9
106-46-7	1,4-Dichlorobenzene	ND		210	50.9
99-87-6	p-Isopropyl toluene	ND		520	50.9
95-50-1	1,2-Dichlorobenzene	ND		210	50.9
104-51-8	n-Butylbenzene	ND		520	50.9
67-72-1	Hexachloroethane	ND		210	50.9
96-12-8	1,2-Dibromo-3-chloropropane	ND		520	50.9
120-82-1	1,2,4-Trichlorobenzene	ND		520	50.9
91-20-3	Naphthalene	ND		520	50.9
87-61-6	1,2,3-Trichlorobenzene	ND		520	50.9
91-57-6	2-Methylnaphthalene	520	J	520	50.9

UnID Peaks.
"J" code all results and reporting limits due to low surrogate recoveries.
"ST" code due to sample was preserved in the Lab.

ND = not detected at the specified reporting limit. NM = not measured.
Reference method is 8260.
USEPA Methods 8260 and 624 are used to quantitate volatile organic compounds that have boiling points below 200°C.
2-Methylnaphthalene and naphthalene are compounds with boiling points above 200°C and are better suited to quantitation by USEPA Methods 8270 or 625 as semivolatile organic compounds.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-24OS

Date Collected:	6/1/2000	Test Code:	SBNA
Date Extracted:	6/15/2000 by tm-1187	Test Name:	BNA - Sediment
Date Analyzed:	6/23/2000 by JRS	Sample ID:	MC18-150-210
Total Solids:	49%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		6700	10
108-95-2	Phenol	ND		6700	10
111-44-4	Bis(2-chloroethyl)ether	ND		2000	10
95-57-8	2-Chlorophenol	ND		6700	10
541-73-1	1,3-Dichlorobenzene	ND		2000	10
106-46-7	1,4-Dichlorobenzene	ND		2000	10
95-50-1	1,2-Dichlorobenzene	ND		2000	10
95-48-7	2-Methylphenol (o-cresol)	ND		6700	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		2000	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		13000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		4100	10
67-72-1	Hexachloroethane	ND		2000	10
98-95-3	Nitrobenzene	ND		4100	10
78-59-1	Isophorone	ND		2000	10
88-75-5	2-Nitrophenol	ND		6700	10
105-67-9	2,4-Dimethylphenol	ND		6700	10
111-91-1	Bis(2-chloroethoxy)methane	ND		4100	10
120-83-2	2,4-Dichlorophenol	ND		6700	10
120-82-1	1,2,4-Trichlorobenzene	ND		4100	10
91-20-3	Naphthalene	ND		2000	10
87-68-3	Hexachlorobutadiene	ND		4100	10
59-50-7	4-Chloro-3-methylphenol	ND		6700	10
91-57-6	2-Methylnaphthalene	ND		5100	10
77-47-4	Hexachlorocyclopentadiene	ND		41000	10
88-06-2	2,4,6-Trichlorophenol	ND		6700	10
95-95-4	2,4,5-Trichlorophenol	ND		6700	10
91-58-7	2-Chloronaphthalene	ND		4100	10
88-74-4	2-Nitroaniline	ND		35000	10
208-96-8	Acenaphthylene	ND		2000	10
131-11-3	Dimethyl phthalate	ND		4100	10
606-20-2	2,6-Dinitrotoluene	ND		6700	10
99-09-2	3-Nitroaniline	ND		35000	10
83-32-9	Acenaphthene	ND		2000	10
51-28-5	2,4-Dinitrophenol	ND		35000	10
132-64-9	Dibenzofuran	ND		6700	10
100-02-7	4-Nitrophenol	ND		35000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		6700	10
86-73-7	Fluorene	ND		2000	10
84-66-2	Diethyl phthalate	ND		2000	10
100-01-6	4-Nitroaniline	ND		35000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		35000	10
7005-72-3	4-Chlorophenyl phenylether	ND		2000	10
156-10-5	N-Nitrosodiphenylamine	ND		4100	10
103-33-3	Azobenzene	ND		4100	10
101-55-3	4-Bromophenyl phenylether	ND		4100	10
118-74-1	Hexachlorobenzene	ND		4100	10
87-86-5	Pentachlorophenol	ND		69000	10
85-01-8	Phenanthrene	1800	T	2000	10
120-12-7	Anthracene	1300	T	2000	10
86-74-8	Carbazole	ND		6700	10
84-74-2	Di-n-butyl phthalate	ND		2000	10
206-44-0	Fluoranthene	ND		2000	10
129-00-0	Pyrene	1500	T	2000	10
85-68-7	Butyl benzyl phthalate	ND		2000	10
56-55-3	Benz(a)anthracene	ND		2000	10
218-01-9	Chrysene	ND		2000	10
117-81-7	Bis(2-ethylhexyl)phthalate	5100		4100	10
117-84-0	Di-n-octyl phthalate	ND		4100	10
205-99-2	Benzo(b)fluoranthene	ND		4100	10
207-08-9	Benzo(k)fluoranthene	ND		4100	10
50-32-8	Benzo(a)pyrene	ND		4100	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		4100	10
53-70-3	Dibenz(a,h)anthracene	ND		4100	10
191-24-2	Benzo(g,h,i)perylene	ND		4100	10

The elevated reporting limits are due to matrix interferences.

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-24OS

Date Collected:	6/1/2000	Test Code:	SPCB
Date Extracted:	6/12/2000 by tm-1185	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	MC18-150-210
Total Solids:	49%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		200	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		200	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		200	1.0
53469-21-9	Aroclor 1242 (PCB)	3200		200	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		200	1.0
11097-69-1	Aroclor 1254 (PCB)	3200		200	1.0
11096-82-5	Aroclor 1260 (PCB)	820		200	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		200	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		200	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-25ME

Date Collected:	6/1/2000	Test Code:	SME
		Test Name:	MEOH-Sed
Date Analyzed:	6/6/2000 by KL	Sample ID:	MC18-210-B
Total Solids:	50%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
75-71-8	Dichlorodifluoromethane	ND		500	50.2
74-87-3	Chloromethane	ND		500	50.2
75-01-4	Vinyl chloride	ND		200	50.2
74-83-9	Bromomethane	ND		500	50.2
75-00-3	Chloroethane	ND		500	50.2
75-69-4	Trichlorofluoromethane	ND		500	50.2
67-64-1	Acetone	ND		1500	50.2
60-29-7	Diethyl ether	ND		500	50.2
75-35-4	1,1-Dichloroethylene	ND		100	50.2
74-88-4	Methyl iodide	ND		200	50.2
107-13-1	Acrylonitrile	ND		500	50.2
75-09-2	Methylene chloride	ND		500	50.2
75-15-0	Carbon disulfide	ND		500	50.2
156-60-5	trans-1,2-Dichloroethylene	ND		100	50.2
1634-04-4	Methyltertbutylether (MTBE)	ND		500	50.2
75-34-3	1,1-Dichloroethane	ND		100	50.2
78-93-3	2-Butanone (MEK)	ND		500	50.2
156-59-2	cis-1,2-Dichloroethylene	ND		100	50.2
67-66-3	Chloroform	ND		100	50.2
74-97-5	Bromochloromethane	ND		200	50.2
71-55-6	1,1,1-Trichloroethane	ND		100	50.2
107-06-2	1,2-Dichloroethane	ND		100	50.2
71-43-2	Benzene	ND		100	50.2
56-23-5	Carbon tetrachloride	ND		100	50.2
78-87-5	1,2-Dichloropropane	ND		100	50.2
79-01-6	Trichloroethylene	ND		100	50.2
74-95-3	Dibromomethane	ND		200	50.2
75-27-4	Bromodichloromethane	ND		200	50.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		500	50.2
10061-01-5	cis-1,3-Dichloropropene	ND		100	50.2
10061-02-6	trans-1,3-Dichloropropene	ND		100	50.2
108-88-3	Toluene	160	J	100	50.2
79-00-5	1,1,2-Trichloroethane	ND		100	50.2
591-78-6	2-Hexanone	ND		500	50.2
124-48-1	Dibromochloromethane	ND		200	50.2
106-93-4	1,2-Dibromoethane	ND		100	50.2

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
127-18-4	Tetrachloroethene	ND		100	50.2
108-90-7	Chlorobenzene	ND		100	50.2
630-20-6	1,1,1,2-Tetrachloroethane	ND		200	50.2
100-41-4	Ethylbenzene	ND		100	50.2
108383,106423	m & p-Xylene	ND		200	50.2
75-25-2	Bromoform	ND		200	50.2
100-42-5	Styrene	ND		100	50.2
95-47-6	o-Xylene	ND		100	50.2
79-34-5	1,1,2,2-Tetrachloroethane	ND		200	50.2
96-18-4	1,2,3-Trichloropropane	ND		200	50.2
110-57-6	trans-1,4-Dichloro-2-butene	ND		200	50.2
98-82-8	Isopropylbenzene	ND		200	50.2
108-86-1	Bromobenzene	ND		200	50.2
103-65-1	n-Propylbenzene	ND		200	50.2
108-67-8	1,3,5-Trimethylbenzene	ND		200	50.2
98-06-6	tert-Butylbenzene	ND		500	50.2
95-63-6	1,2,4-Trimethylbenzene	ND		200	50.2
135-98-8	sec-Butylbenzene	ND		500	50.2
541-73-1	1,3-Dichlorobenzene	ND		200	50.2
106-46-7	1,4-Dichlorobenzene	ND		200	50.2
99-87-6	p-Isopropyl toluene	ND		500	50.2
95-50-1	1,2-Dichlorobenzene	ND		200	50.2
104-51-8	n-Butylbenzene	ND		500	50.2
67-72-1	Hexachloroethane	ND		200	50.2
96-12-8	1,2-Dibromo-3-chloropropane	ND		500	50.2
120-82-1	1,2,4-Trichlorobenzene	ND		500	50.2
91-20-3	Naphthalene	ND		500	50.2
87-61-6	1,2,3-Trichlorobenzene	ND		500	50.2
91-57-6	2-Methylnaphthalene	ND		500	50.2

UnID Peaks.
"J" code all results and reporting limits due to low surrogate recoveries.
"ST" code due to sample was preserved in the Lab.

ND = not detected at the specified reporting limit. NM = not measured.
Reference method is 8260.
USEPA Methods 8260 and 624 are used to quantitate volatile organic compounds that have boiling points below 200°C.
2-Methylnaphthalene and naphthalene are compounds with boiling points above 200°C and are better suited to quantitation by USEPA Methods 8270 or 625 as semivolatile organic compounds.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-25OS

Date Collected:	6/1/2000	Test Code:	SBNA
Date Extracted:	6/15/2000 by tm-1187	Test Name:	BNA - Sediment
Date Analyzed:	6/23/2000 by JRS	Sample ID:	MC18-210-B
Total Solids:	50%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		6600	10
108-95-2	Phenol	ND		6600	10
111-44-4	Bis(2-chloroethyl)ether	ND		2000	10
95-57-8	2-Chlorophenol	ND		6600	10
541-73-1	1,3-Dichlorobenzene	ND		2000	10
106-46-7	1,4-Dichlorobenzene	ND		2000	10
95-50-1	1,2-Dichlorobenzene	ND		2000	10
95-48-7	2-Methylphenol (o-cresol)	ND		6600	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		2000	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		13000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		4000	10
67-72-1	Hexachloroethane	ND		2000	10
98-95-3	Nitrobenzene	ND		4000	10
78-59-1	Isophorone	ND		2000	10
88-75-5	2-Nitrophenol	ND		6600	10
105-67-9	2,4-Dimethylphenol	ND		6600	10
111-91-1	Bis(2-chloroethoxy)methane	ND		4000	10
120-83-2	2,4-Dichlorophenol	ND		6600	10
120-82-1	1,2,4-Trichlorobenzene	ND		4000	10
91-20-3	Naphthalene	ND		2000	10
87-68-3	Hexachlorobutadiene	ND		4000	10
59-50-7	4-Chloro-3-methylphenol	ND		6600	10
91-57-6	2-Methylnaphthalene	ND		5000	10
77-47-4	Hexachlorocyclopentadiene	ND		40000	10
88-06-2	2,4,6-Trichlorophenol	ND		6600	10
95-95-4	2,4,5-Trichlorophenol	ND		6600	10
91-58-7	2-Chloronaphthalene	ND		4000	10
88-74-4	2-Nitroaniline	ND		34000	10
208-96-8	Acenaphthylene	ND		2000	10
131-11-3	Dimethyl phthalate	ND		4000	10
606-20-2	2,6-Dinitrotoluene	ND		6600	10
99-09-2	3-Nitroaniline	ND		34000	10
83-32-9	Acenaphthene	ND		2000	10
51-28-5	2,4-Dinitrophenol	ND		34000	10
132-64-9	Dibenzofuran	ND		6600	10
100-02-7	4-Nitrophenol	ND		34000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		6600	10
86-73-7	Fluorene	ND		2000	10
84-66-2	Diethyl phthalate	ND		2000	10
100-01-6	4-Nitroaniline	ND		34000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		34000	10
7005-72-3	4-Chlorophenyl phenylether	ND		2000	10
156-10-5	N-Nitrosodiphenylamine	ND		4000	10
103-33-3	Azobenzene	ND		4000	10
101-55-3	4-Bromophenyl phenylether	ND		4000	10
118-74-1	Hexachlorobenzene	ND		4000	10
87-86-5	Pentachlorophenol	ND		68000	10
85-01-8	Phenanthrene	ND		2000	10
120-12-7	Anthracene	ND		2000	10
86-74-8	Carbazole	ND		6600	10
84-74-2	Di-n-butyl phthalate	ND		2000	10
206-44-0	Fluoranthene	ND		2000	10
129-00-0	Pyrene	ND		2000	10
85-68-7	Butyl benzyl phthalate	ND		2000	10
56-55-3	Benz(a)anthracene	ND		2000	10
218-01-9	Chrysene	ND		2000	10
117-81-7	Bis(2-ethylhexyl)phthalate	ND		4000	10
117-84-0	Di-n-octyl phthalate	ND		4000	10
205-99-2	Benzo(b)fluoranthene	ND		4000	10
207-08-9	Benzo(k)fluoranthene	ND		4000	10
50-32-8	Benzo(a)pyrene	ND		4000	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		4000	10
53-70-3	Dibenz(a,h)anthracene	ND		4000	10
191-24-2	Benzo(g,h,i)perylene	ND		4000	10

The elevated reporting limits are due to matrix interferences.

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-25OS

Date Collected:	6/1/2000	Test Code:	SPCB
Date Extracted:	6/12/2000 by tm-1185	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	MC18-210-B
Total Solids:	50%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		200	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		200	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		200	1.0
53469-21-9	Aroclor 1242 (PCB)	2200		200	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		200	1.0
11097-69-1	Aroclor 1254 (PCB)	1900		200	1.0
11096-82-5	Aroclor 1260 (PCB)	860		200	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		200	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		200	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns

N
ND

RIVERVIEW GROUNDWATER DATA

Well #	concentration (ppb) 8/00 sampling date Mercury	PCB's	ammonia	cyanide
MW-A	2.1		7980	780
MW-B	19	3.74	12300	2910
MW-C	1.3		3450	5650
MW-D	919	6.04	28600	9560
MW-E	341		6950	1490
MW-G	.3		5060	185
MW-H	1.5		9180	2810
MW-I	.8	.646	5610	510
MW-J	130		32000	2780
MW-K	39		58200	24800
IMW-01			470	39
IMW-05	99.6	4	8800	3300
IMW-06	487	14.3	33,400	9280
IMW-09	21.9		4100	1120
IMW-10	487	48.2	38300	15700
IMW-11	38.7		40100	5950
IMW-12	1.6	3.61	58700	16500
IMW-13	2320	4.35	95100	7620
Pz-1	1.6		4550	2100
Pz-2	14.7		10900	1330
Pz-3	3.4	6.55	1690	530
Pz-4	372	6.55	15800	2420
Pz-5	3.3	.391	13600	10300
Pz-6	18.1		2710	1180
BMW-1			670	158000

RIVERVIEW GROUNDWATER DATA

Well #	highest concentration (ppb) (sampled 3/99, 6/99, 10/99, 1/00, 8/00)			
	Mercury	PCB's	ammonia	cyanide
MW-A	41	<.8	12200	1800
MW-B	821	309	21000	5510
MW-C	231	40	19300	5650
MW-D	1100	17.1	30200	11100
MW-E	905	5.7	26000	8140
MW-G	.4	<.2	5060	185
MW-H	4	<.5	9180	3840
MW-I	3.5	.970	7300	560
MW-J	133	<.6	32000	2780
MW-K	72.8	<1	58200	110000
MW-L	2.1	<.3	11000	360

8/00 Sample Results

	Mercury	Cyanide	Ammonia
Riverview Groundwater Data			
SMW-4-99			3980
SMW-5-99		131	310
SMW-6-99	.5	582	17600

8/00 Results

Shallow 1

ppb	Mercury	PCB's	Cyanide	Lead	Ammonia
SMW-01	.3		450	<100	1,940
-02	1.8		1600	21	24,400
-03			35	54	580
-04	4.2		936	<100	10,800
-05	18.9	2.58	2,070	16	7,340
-06	540	11	9,720		33,800
-07			7000		760
-08					1,526
-09	17.4		640	100	2,370
-10	390	53.5	15,100	77	37,500
-11	40		12,400		50,000
-12	26.9		16,000	130	37,800
-13	450		2,720	<100	39,700
-14	1.1		62		890
-15	.3		NA		NA
-16				<100	380
-17			480	<100	6,050
-18				240	9,470
-19			27		3,940
-20	1,710	59.4	3,360	35	23,400
-21	.81		10		480
-22	26.9		6,440	97	78200
-23			850		8,290
-24	.9		686	<100	4,230
-25	.8		337	<100	1,530
-26	23.5		451	142	4,670
-27	[illegible]		[illegible]		[illegible]

GROUNDWATER SAMPLING RESULTS
NOVEMBER 15, 2000
BASF SITE
RIVERVIEW, MICHIGAN

	SMW-5, run #1			SMW-5, run #2			SMW-6, run #1			SMW-6, run #2			SMW-10		
Chemical	Conc.	EMPC	Notes	Conc.	EMPC	Notes	Conc.	EMPC	Notes	Conc.	EMPC	Notes	Conc.	EMPC	Notes
2,3,7,8-TCDD		44.8		71.6			49.0			37.7			319		
1,2,3,7,8-PeCDD		131		115			97.3			103			579		
1,2,3,4,7,8-HxCDD	ND			109			99.7			120			264		
1,2,3,6,7,8-HxCDD	985			1270			425			486			4880		
1,2,3,7,8,9-HxCDD	397			561			337			343			2090		
1,2,3,4,6,7,8-HpCDD	12380			15640			7780			6480			81960		E
1,2,3,4,6,7,8,9-OCDD	81410		E	123200		E	52510		E	47180		E	326530		E
2,3,7,8-TCDF	405			443			621			807			1880		
1,2,3,7,8-PeCDF	ND			304			2290			482			ND		
2,3,4,7,8-PeCDF	ND			187			382			335			678		
1,2,3,4,7,8-HxCDF	262			416			910			947			1620		
1,2,3,6,7,8-HxCDF		74.3		127			239			252			476		
2,3,4,6,7,8-HxCDF	66.6			115			139			135			480		
1,2,3,7,8,9-HxCDF	ND			95.4			ND			62.6				68.5	X
1,2,3,4,6,7,8-HpCDF	270			410			644			808			1830		
1,2,3,4,7,8,9-HpCDF	76.8				84.1		126			167			162		
1,2,3,4,6,7,8,9-OCDF	403			529			830			759			1380		
Total TCDD	1710	1920		1800	1910		286	385		280	352		5060	5400	
Total PeCDD	189	738		313	594		319	746		317	674		2950	3950	
Total HxCDD	7990			10540			5200			6090			50730		
Total HpCDD	22250			29530			16570			13740			152270		
Total TCDF	5380	6250		1220	3670	X	6070	6360		3040	6260	X	8100	11740	
Total PeCDF	2950	3990		932	2020	X	4990	5140		1950	3270	X	4600	8080	
Total HxCDF	1690	1830		1530	1840	X	2610	2760		1800	2570	X	5970	7100	
Total HpCDF	643	734		916	1000		1300			1610	1680		2960	3110	

GROUNDWATER SAMPLING RESULTS
NOVEMBER 15, 2000
BASF SITE
RIVERVIEW, MICHIGAN

	SMW-13, run #1			SMW-13, run #2			SMW-20, run #1			SMW-20, run #2			DUP-1, run #1		
Chemical	Conc.	EMPC	Notes	Conc.	EMPC	Notes	Conc.	EMPC	Notes	Conc.	EMPC	Notes	Conc.	EMPC	Notes
2,3,7,8-TCDD		2.5	J	ND			~~ND~~			~~ND~~ 121				37.8	
1,2,3,7,8-PeCDD		5.7	J	ND			181				215		95.5		
1,2,3,4,7,8-HxCDD	ND				7.3	J	ND			348			68.8		
1,2,3,6,7,8-HxCDD	73.0			70.9			586			1440			749		
1,2,3,7,8,9-HxCDD	35.6		J	40.2		J	ND			1100			304		
1,2,3,4,6,7,8-HpCDD	1450			1370			72990		E	26770		E	9340		
1,2,3,4,6,7,8,9-OCDD	6760			5240			205370		E	172670		E	61700		E
2,3,7,8-TCDF	114			132			2920			2850			358		
1,2,3,7,8-PeCDF	ND			24.8		J	967				1690	X	ND		
2,3,4,7,8-PeCDF	ND			23.7		J	ND			849			163		
1,2,3,4,7,8-HxCDF	43.2		JB	41.5		J	ND			2930			255		
1,2,3,6,7,8-HxCDF	17.1		J	15.6		J	651			878				75.5	
2,3,4,6,7,8-HxCDF		13.7	J	15.2		J	ND			759			94.3		
1,2,3,7,8,9-HxCDF		3.2	JB	7.5		J	ND				133			63.1	
1,2,3,4,6,7,8-HpCDF	52.9			56.9			4030			3890				179	
1,2,3,4,7,8,9-HpCDF	ND			10.4		J	906			742			64.9		
1,2,3,4,6,7,8,9-OCDF	80.1		JB	42.5		J	5160			4570			460		
Total TCDD	80.5	97.9		83.1	95.8		1720	2340		330	695		1290	1470	
Total PeCDD	16.7	119			26.0		1040	1580		1510	2140		232	454	
Total HxCDD	543	580		637	644		10730			12810	12950		6390		
Total HpCDD	2530			2430			127110		E	51020		E	17200		
Total TCDF	508	652		482	770	X	27100	28890	E	9510	12240		5900	6410	
Total PeCDF	208	378		137	224	X	11600	11940		5830	7800	X	2690	3190	
Total HxCDF	179	212		166	184		9130	9260		8280	8610		1410	1600	
Total HpCDF	116			111			8190			7840	8060		344	523	

GROUNDWATER SAMPLING RESULTS
NOVEMBER 15, 2000
BASF SITE
RIVERVIEW, MICHIGAN

	DUP-1, run #2			Field Blank, run #1			Field Blank, run #2		
Chemical	Conc.	EMPC	Notes	Conc.	EMPC	Notes	Conc.	EMPC	Notes
2,3,7,8-TCDD	62.7			ND			ND		
1,2,3,7,8-PeCDD	115			ND			ND		
1,2,3,4,7,8-HxCDD	107			ND			ND		
1,2,3,6,7,8-HxCDD	2390			ND			ND		
1,2,3,7,8,9-HxCDD	888			ND			ND		
1,2,3,4,6,7,8-HpCDD	45150		E		0.68	J	ND		
1,2,3,4,6,7,8,9-OCDD	229590		E		9.2	J	7.5		J
2,3,7,8-TCDF	530			ND			ND		
1,2,3,7,8-PeCDF		858	X		1.2	J	ND		
2,3,4,7,8-PeCDF	184			ND			ND		
1,2,3,4,7,8-HxCDF	569			1.1		JB	ND		
1,2,3,6,7,8-HxCDF	151				0.24	J	ND		
2,3,4,6,7,8-HxCDF	111				0.92	JB	ND		
1,2,3,7,8,9-HxCDF	12.1		J	ND			ND		
1,2,3,4,6,7,8-HpCDF	782			1.2		J	ND		
1,2,3,4,7,8,9-HpCDF	101				0.32	J	ND		
1,2,3,4,6,7,8,9-OCDF	585				2.8	JB	ND		
Total TCDD	2820	2850		ND			ND		
Total PeCDD	717	1220		ND			ND		
Total HxCDD	20210				1.9		ND		
Total HpCDD	76610		E		0.68		ND		
Total TCDF	2370	5270	X	ND			ND		
Total PeCDF	1160	2770	X	0.47			ND		
Total HxCDF	2000	2490	X	1.1			ND		
Total HpCDF	1850	1950		1.2			ND		

Cyanazine	21725462	GSIPC for HDV	Correction - defaults to TDL	200	500 (M)
Cyanide	57125	GSI	TDL updated	20 {M}	5.2
		GSIPC	Updated GSI value	400	200 (M)
Cyclohexanone	108941	Finite VSIC	Not previously calculated	ID	1.1E+7
Decabromodiphenyl ether	1163195	Finite VSIC	Not previously calculated	ID	See tables
Dibenzo(a,h)anthracene	53703	Res & Ind/Com DWC	TDL updated	5.0 {M}	2.0 (M)
		GCC	TDL updated	5.0 {M}	2.0 (M)
Dibenzofuran	132649	GSI	Correction - defaults to TDL	4.0	5.0 (M)
Dibromochloromethane	124481	Res GVIIC	Rounding error	15,000	14,000
Dibromochloropropane	96128	Finite VSIC	Not previously calculated	ID	See tables
3,3'-Dichlorobenzidine	91941	GSIPC for HDV	Correction - defaults to TDL	500	2,000 (M)
1,1-Dichloroethane	75343	GSI	New Rule 57 value	ID	740
		GSIPC	New GSI criterion	ID	15,000
cis-1,2-Dichloroethylene	156592	GSI	New Rule 57 value	ID	620
		GSIPC	New GSI criterion	ID	12,000
		GVIIC & SVIIC	Corrected soil-organic carbon partition	coefficient (Koc)	See tables
	See tables				
trans-1,2-Dichloroethylene	156605	GSI	New Rule 57 value	ID	1,500
		GSIPC	New GSI criterion	ID	30,000

219874
5019

N

DEQ
SURFACE WATER QUALITY DIVISION
MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
PO BOX 30270
LANSING MI 48909-7773

LANSING
JUN 01 '01
MI
PB METER 7108663
5.15
U.S. POSTAGE

Ms. Terese Can Donsel
U.S. Environmental Protection Agency
Region 5
77 W. Jackson Blvd. (SR-6J)
Chicago, IL 60604

Firestone Steel 2000 Survey data
Draft

Date	Station ID	Water Depth ft	Water Depth in	Lat - N	Lon -W	Core length in
5-31	FS03	9	11	10.7428	9.5913	80
	FS02	16	4	10.765	9.5634	44
	FS04	26	2	10.7108	9.6023	32
	FS05	17	5	10.6744	9.6474	no core
	FS05-reposition	12	0	10.6755	9.6511	hard
	FS05-repostion	22	0	10.6653	9.6496	24
	sheet steel wall					gravel
	00RV12	12	0	10.4671	9.8118	60.5
	00RV11	8	3	10.4968	9.7891	113
	00FS01	3	1	10.7772	9.5634	105
	00RV07	18	10	10.5734	9.7074	Rock-no core
	00RV08	4	5	10.5609	9.733	104
6-1	00MC18	6	3	10.2667	9.9124	108
	00MC17	3	5	10.2993	9.9013	111
	00MC16	16	3	10.3192	9.8842	101
	00MC15	23	0	10.358	9.8741	44
	00MC14	9	0	10.4193	9.8491	53
	00MC13	6	4	10.4308	9.8714	40

DEQ

MICHIGAN DEPT. OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL LABORATORY
ANALYSIS REQUEST SHEET

LAB ORDER # 00-06-028

MATRIX=SEDIMENT/SOIL/SOLIDS

SUBMITTER DIVISION	DISTRICT OR OFFICE	MDEQ PROJECT MANAGER & PHONE	ACCEPT HT CODES? YES / NO
SWQ	Gleas	M. Oemke 5-4206	

LOCATION SAMPLED / SITE ID NUMBER: Trenton - Det. River

INDEX | PCA | PROJECT | PH

COLLECTED BY: M. Oemke

PHONE: ( ) 5-4206

ADDITIONAL REPORT TO ATTENTION OF

AT (ADDRESS) (If different than above office)

OVERFLOW CONTRACT LAB (Required for ERD)

****** SAFETY INFORMATION REQUIRED ******
SEE BACK OF FORM

LAB USE ONLY	SAMPLE IDENTIFICATION	SAMPLE COLLECTED DATE	TIME	COMMENTS
1	FS01-00-30	5/30		Surface - 30cm
2	30-90	"		30 - 90 cm
3	30-90 Dup.	"		" "
4	90-150	"		90 - 150 cm
5	150-B	"		150 - Bottom Core
6	FS02-00-30	"		Surface - 30 cm
7	-30-90	"		30 - 90 cm
8	90-B	"		90 - Bottom
9	FS03-00-30	"		Surface - 30 cm
10	FS03-30-90	5/30		30 - 90 cm

ORGANIC

VOA — VOLATILES (MeOH/8260)

Full List	1 2 3 4 5 6 7 8 9 10
BTEX/MTBE only	1 2 3 4 5 6 7 8 9 10

OS — PESTICIDES/PCBS (8081/8082)

Pesticides & PCBs	1 2 3 4 5 6 7 8 9 10
Pesticides only	1 2 3 4 5 6 7 8 9 10
PCBs only	1 2 3 4 5 6 7 8 9 10

BNA — BASE NEUTRAL & ACIDS (8270)

BNAs	1 2 3 4 5 6 7 8 9 10
PNAs only	1 2 3 4 5 6 7 8 9 10
BNs only	1 2 3 4 5 6 7 8 9 10

SPECIAL REQUESTS

Library Search (Qualitative)

Volatiles	1 2 3 4 5 6 7 8 9 10
Semivolatiles	1 2 3 4 5 6 7 8 9 10

Other

_____	1 2 3 4 5 6 7 8 9 10

GENERAL CHEMISTRY

GS

COD	1 2 3 4 5 6 7 8 9 10
KJEL N, Tot P	1 2 3 4 5 6 7 8 9 10
Phenolics	1 2 3 4 5 6 7 8 9 10
Total CN	1 2 3 4 5 6 7 8 9 10
_____	1 2 3 4 5 6 7 8 9 10
_____	1 2 3 4 5 6 7 8 9 10
_____	1 2 3 4 5 6 7 8 9 10

INORGANIC

MS

MICH TEN METALS (As, Ba, Cd, Cr, Cu, Pb, Hg, Se, Ag, Zn)	1 2 3 4 5 6 7 8 9 10
Fe Co Li Mn	1 2 3 4 5 6 7 8 9 10
Al Be Mo Ti V	1 2 3 4 5 6 7 8 9 10
Sr - Strontium	1 2 3 4 5 6 7 8 9 10
Ni - Nickel	1 2 3 4 5 6 7 8 9 10
Tl - Thallium	1 2 3 4 5 6 7 8 9 10
Ca Mg Na K	1 2 3 4 5 6 7 8 9 10
% Total Solids	1 2 3 4 5 6 7 8 9 10
_____	1 2 3 4 5 6 7 8 9 10
_____	1 2 3 4 5 6 7 8 9 10
_____	1 2 3 4 5 6 7 8 9 10

Chain-of-Custody	BOTTLE / TESTS	RELEASED BY / AFFILIATION	RECEIVED BY / AFFILIATION	DATE & TIME
		1) Mark P Oemke DEQ	O Harting	6-2-00
		2)		

2

DEQ

MICHIGAN DEPT. OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL LABORATORY
ANALYSIS REQUEST SHEET

LAB ORDER # 00-06-028

MATRIX=SEDIMENT/SOIL/SOLIDS

SUBMITTER DIVISION	DISTRICT OR OFFICE	MDEQ PROJECT MANAGER & PHONE	ACCEPT HIT CODES? YES / NO
SWQ	Gleas	M. Oemke 5-4206	

LOCATION SAMPLED / SITE ID NUMBER: Trenton - Det River

INDEX | PCA | PROJECT | PH

COLLECTED BY: M. Oemke

PHONE: ( ) 5-4206

OVERFLOW CONTRACT LAB (Required for ERD)

ADDITIONAL REPORT TO ATTENTION OF

AT (ADDRESS) (If different than above office)

****** SAFETY INFORMATION REQUIRED ******
SEE BACK OF FORM

LAB USE ONLY	SAMPLE IDENTIFICATION	SAMPLE COLLECTED DATE	TIME	COMMENTS
1	FS03 -90-150	5/30		90-150 cm
2	-150- B	"		150 - Bottom
3	FS04 -00-30	"		Surface - 30 cm
4	-30- B	"		30 cm - Bottom
5	FS05 -00-30	"		Surface - 30 cm
6	-00-30 Dup	"		DUP
7	FS05 -30- B	5/30		30 cm - Bottom
8				
9				
10				

ORGANIC

VOA VOLATILES (MeOH/8260)

Full List	1 2 3 4 5 6 7 8 9 10
BTEX/MTBE only	1 2 3 4 5 6 7 8 9 10

OS PESTICIDES/PCBS (8081/8082)

Pesticides & PCBs	1 2 3 4 5 6 7 8 9 10
Pesticides only	1 2 3 4 5 6 7 8 9 10
PCBs only	1 2 3 4 5 6 7 8 9 10

BNA BASE NEUTRAL & ACIDS (8270)

BNAs	1 2 3 4 5 6 7 8 9 10
PNAs only	1 2 3 4 5 6 7 8 9 10
BNs only	1 2 3 4 5 6 7 8 9 10

SPECIAL REQUESTS

Library Search (Qualitative)

Volatiles	1 2 3 4 5 6 7 8 9 10
Semivolatiles	1 2 3 4 5 6 7 8 9 10

Other

_____	1 2 3 4 5 6 7 8 9 10

GENERAL CHEMISTRY

GS

COD	1 2 3 4 5 6 7 8 9 10
KJEL N, Tot. P	1 2 3 4 5 6 7 8 9 10
Phenolics	1 2 3 4 5 6 7 8 9 10
Total CN	1 2 3 4 5 6 7 8 9 10
_____	1 2 3 4 5 6 7 8 9 10
_____	1 2 3 4 5 6 7 8 9 10
_____	1 2 3 4 5 6 7 8 9 10

INORGANIC

MS

MICH TEN METALS (As, Ba, Cd, Cr, Cu, Pb, Hg, Se, Ag, Zn)	1 2 3 4 5 6 7 8 9 10
Fe Co Li Mn	1 2 3 4 5 6 7 8 9 10
Al Be Mo Ti V	1 2 3 4 5 6 7 8 9 10
Sr - Strontium	1 2 3 4 5 6 7 8 9 10
Ni - Nickel	1 2 3 4 5 6 7 8 9 10
Tl - Thallium	1 2 3 4 5 6 7 8 9 10
Ca Mg Na K	1 2 3 4 5 6 7 8 9 10
% Total Solids	1 2 3 4 5 6 7 8 9 10
_____	1 2 3 4 5 6 7 8 9 10
_____	1 2 3 4 5 6 7 8 9 10
_____	1 2 3 4 5 6 7 8 9 10

Chain-of-Custody	BOTTLE / TESTS	RELEASED BY / AFFILIATION	RECEIVED BY / AFFILIATION	DATE & TIME
		1) Mark P Oemke DEQ	D Harley	6-2-00
		2)		

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY	PROCEDURE	NO: PD-13/Ver. 2
	LABORATORY SERVICES SECTION	DATE REV.:12/99

SUBJECT: Laboratory Result Remark Codes

EFFECTIVE DATE: December1999

A	value reported is the mean of two or more determinations.
C	value calculated from other independent parameters.
J	estimated value or value not accurate.
K	actual value is known to be less than the value given, i.e., substance, if present, is below detection limit.
L	actual value is known to be greater than the value given.
T	value reported is less than criteria of detection.
W	value observed is less than lowest value reportable under "T" code.
DL	sample analyzed using a dilution(s).
DM	dilution required due to matrix problems.
HT	recommended laboratory holding time was exceeded before analysis.
LH	QC indicated possible low recovery. Actual level may be higher.
LL	QC indicated possible high recovery. Actual level may be lower.
MM	analytical method or matrix is not within SOP of this laboratory.
NC	no confirmation by a second technique.
NH	non-homogeneous sample made analysis of a representative sample questionable.
PI	possible interference may have affected the accuracy of the laboratory result.
QC	quality control problems exist.
RB	reagent blank. The level of reagent blank contamination is reported in the comment column and may be subtracted from the analyte value by the user.
ST	recommended sample collection/preservation technique not used.
ACC	laboratory accident resulted in no obtainable value.
FCN	free cyanide was not analyzed due to low level of total cyanide.
INT	interference encountered during analysis resulted in no obtainable value.
IST	improper sample collection/preservation. Sample not suitable for analysis.
NAV	requested analysis not available.
QNS	quantity not sufficient to perform requested analysis.
STR	settleable residue was not analyzed due to low suspended solids.

Approved by:

Bob Avery, Laboratory Director — Date 11/30/99

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL LABORATORY (517) 335-9800

P.O. Box 30270
Lansing, MI 48909

Report To: Surface Water Quality Div.
Knapps Building
Lansing, MI 48909

Attn: M.OEMKE
Total: $13,945.95

Lab Work Order # 0006028
Work Site ID: TRENTON-DET.RIVER
Matrix: Sediment\Soil
Received: 6/2/2000 **Reported:** 7/20/2000
Client: SW_GLEAS **Number of Samples:** 17

TEST UNITS	FS01-00-30	FS01-30-90	FS01-30-90DUP	FS01-90-150
Arsenic in Sediment mg/kg (dry)	13	14	14	14
Barium in Sediment mg/kg (dry)	228	178	179	138
Cadmium in Sediment mg/kg (dry)	17	9	9	7
Chromium in Sediment mg/kg (dry)	270	183	180	159
Copper in Sediment mg/kg (dry)	214	250	245	185
Lead in Sediment mg/kg (dry)	310	280	270	180
Mercury in Sediment mg/kg (dry)	8.8	16	15	9.6
Selenium in Sediment mg/kg (dry)	0.9	1.0	1.1	0.8
Silver in Sediment mg/kg (dry)	4.3	3.9	3.9	3.5
Solids - Total - Inorganic %TS	53.5	50.7	50.2	49.0
Zinc in Sediment mg/kg (dry)	876	690	668	570

TEST UNITS	FS01-150-B	FS02-00-30	FS02-30-90	FS02-90-B
Arsenic in Sediment mg/kg (dry)	10	8.9	13	13
Barium in Sediment mg/kg (dry)	450	680	107	85
Cadmium in Sediment mg/kg (dry)	7	4	K 2	K 2
Chromium in Sediment mg/kg (dry)	70	35	24	20
Copper in Sediment mg/kg (dry)	160	180	210	148

RECEIVED
SWQD - GLEAS

TEST UNITS	FS01-150-B	FS02-00-30	FS02-30-90	FS02-90-B
Lead in Sediment mg/kg (dry)	175	150	199	139
Mercury in Sediment mg/kg (dry)	1.9	1.9	2.4	1.5
Selenium in Sediment mg/kg (dry)	K 0.5	K 0.5	0.6	0.6
Silver in Sediment mg/kg (dry)	1.9	1.3	1.7	1.0
Solids - Total - Inorganic %TS	54.4	59.2	59.0	57.9
Zinc in Sediment mg/kg (dry)	550	439	536	360

TEST UNITS	FS03-00-30	FS03-30-90	FS03-90-150	FS03-150-B
Arsenic in Sediment mg/kg (dry)	13	13	10	9.1
Barium in Sediment mg/kg (dry)	160	164	719	124
Cadmium in Sediment mg/kg (dry)	8	8	11	K 2
Chromium in Sediment mg/kg (dry)	177	184	85	23
Copper in Sediment mg/kg (dry)	250	259	169	226
Lead in Sediment mg/kg (dry)	187	220	160	196
Mercury in Sediment mg/kg (dry)	13	13	2.4	2.2
Selenium in Sediment mg/kg (dry)	1.0	0.9	0.6	0.5
Silver in Sediment mg/kg (dry)	3.4	3.4	2.0	1.8
Solids - Total - Inorganic %TS	44.3	51.7	55.1	57.4
Zinc in Sediment mg/kg (dry)	600	546	488	530

TEST UNITS	FS04-00-30	FS04-30-B	FS05-00-30	FS05-00-30DUP
Arsenic in Sediment mg/kg (dry)	12	11	6.8	6.4

TEST UNITS	FS04-00-30	FS04-30-B	FS05-00-30	FS05-00-30DUP
Barium in Sediment mg/kg (dry)	117	50	56	58
Cadmium in Sediment mg/kg (dry)	K 2	K 2	K 2	K 2
Chromium in Sediment mg/kg (dry)	30	14	17	17
Copper in Sediment mg/kg (dry)	265	70	23	25
Lead in Sediment mg/kg (dry)	226	60	12	14
Mercury in Sediment mg/kg (dry)	2.5	1.3	.06	K .05
Selenium in Sediment mg/kg (dry)	0.6	K 0.5	K 0.5	K 0.5
Silver in Sediment mg/kg (dry)	2.3	0.6	K 0.25	K 0.25
Solids - Total - Inorganic %TS	54.0	78.8	81.8	82.3
Zinc in Sediment mg/kg (dry)	590	170	65	56

TEST UNITS	FS05-30-B		
Arsenic in Sediment mg/kg (dry)	6.6		
Barium in Sediment mg/kg (dry)	67		
Cadmium in Sediment mg/kg (dry)	K 2		
Chromium in Sediment mg/kg (dry)	15		
Copper in Sediment mg/kg (dry)	20		
Lead in Sediment mg/kg (dry)	13		
Mercury in Sediment mg/kg (dry)	K .05		
Selenium in Sediment mg/kg (dry)	K 0.5		
Silver in Sediment mg/kg (dry)	K 0.25		

TEST UNITS	FS05-30-B			
Solids - Total - Inorganic %TS	82.7			
Zinc in Sediment mg/kg (dry)	60			

Many samples have low levels of DDD.

This is an original report: R. Ehenier Date: 7/24/00

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-01OS

Date Collected:	5/30/2000	Test Code:	SBNA
Date Extracted:	6/7/2000 by tm-1182	Test Name:	BNA - Sediment
Date Analyzed:	6/13/2000 by GRINWISS	Sample ID:	FS01-00-30
Total Solids:	54%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		6100	10
108-95-2	Phenol	ND		6100	10
111-44-4	Bis(2-chloroethyl)ether	ND		1900	10
95-57-8	2-Chlorophenol	ND		6100	10
541-73-1	1,3-Dichlorobenzene	ND		1900	10
106-46-7	1,4-Dichlorobenzene	ND		1900	10
95-50-1	1,2-Dichlorobenzene	ND		1900	10
95-48-7	2-Methylphenol (o-cresol)	ND		6100	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		1900	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		12000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		3700	10
67-72-1	Hexachloroethane	ND		1900	10
98-95-3	Nitrobenzene	ND		3700	10
78-59-1	Isophorone	ND		1900	10
88-75-5	2-Nitrophenol	ND		6100	10
105-67-9	2,4-Dimethylphenol	ND		6100	10
111-91-1	Bis(2-chloroethoxy)methane	ND		3700	10
120-83-2	2,4-Dichlorophenol	ND		6100	10
120-82-1	1,2,4-Trichlorobenzene	ND		3700	10
91-20-3	Naphthalene	530	T	1900	10
87-68-3	Hexachlorobutadiene	ND		3700	10
59-50-7	4-Chloro-3-methylphenol	ND		6100	10
91-57-6	2-Methylnaphthalene	710	T	4600	10
77-47-4	Hexachlorocyclopentadiene	ND		37000	10
88-06-2	2,4,6-Trichlorophenol	ND		6100	10
95-95-4	2,4,5-Trichlorophenol	ND		6100	10
91-58-7	2-Chloronaphthalene	960	T	3700	10
88-74-4	2-Nitroaniline	ND		31000	10
208-96-8	Acenaphthylene	ND		1900	10
131-11-3	Dimethyl phthalate	ND		3700	10
606-20-2	2,6-Dinitrotoluene	ND		6100	10
99-09-2	3-Nitroaniline	ND		31000	10
83-32-9	Acenaphthene	ND		1900	10
51-28-5	2,4-Dinitrophenol	ND		31000	10
132-64-9	Dibenzofuran	ND		6100	10
100-02-7	4-Nitrophenol	ND		31000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		6100	10
86-73-7	Fluorene	ND		1900	10
84-66-2	Diethyl phthalate	ND		1900	10
100-01-6	4-Nitroaniline	ND		31000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		31000	10
7005-72-3	4-Chlorophenyl phenylether	ND		1900	10
156-10-5	N-Nitrosodiphenylamine	ND		3700	10
103-33-3	Azobenzene	ND		3700	10
101-55-3	4-Bromophenyl phenylether	ND		3700	10
118-74-1	Hexachlorobenzene	ND		3700	10
87-86-5	Pentachlorophenol	ND		63000	10
85-01-8	Phenanthrene	1700	T	1900	10
120-12-7	Anthracene	ND		1900	10
86-74-8	Carbazole	ND		6100	10
84-74-2	Di-n-butyl phthalate	ND		1900	10
206-44-0	Fluoranthene	2000		1900	10
129-00-0	Pyrene	1500	T	1900	10
85-68-7	Butyl benzyl phthalate	ND		1900	10
56-55-3	Benz(a)anthracene	620	T	1900	10
218-01-9	Chrysene	820	T	1900	10
117-81-7	Bis(2-ethylhexyl)phthalate	4700		3700	10
117-84-0	Di-n-octyl phthalate	ND		3700	10
205-99-2	Benzo(b)fluoranthene	ND		3700	10
207-08-9	Benzo(k)fluoranthene	ND		3700	10
50-32-8	Benzo(a)pyrene	ND		3700	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		3700	10
53-70-3	Dibenz(a,h)anthracene	ND		3700	10
191-24-2	Benzo(g,h,i)perylene	ND		3700	10

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

Reporting limits elevated due to matrix interference.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-01OS

Date Collected:	5/30/2000	Test Code:	SPCB
Date Extracted:	6/6/2000 by tm-1181	Test Name:	PCB - Sediment
Date Analyzed:	6/9/2000 by TAITS	Sample ID:	FS01-00-30
Total Solids:	54%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		190	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		190	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		190	1.0
53469-21-9	Aroclor 1242 (PCB)	2500		190	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		190	1.0
11097-69-1	Aroclor 1254 (PCB)	5100		190	1.0
11096-82-5	Aroclor 1260 (PCB)	3200		190	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		190	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		190	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-02OS

Date Collected:	5/30/2000	Test Code:	SBNA
Date Extracted:	6/7/2000 by tm-1182	Test Name:	BNA - Sediment
Date Analyzed:	6/13/2000 by GRINWISS	Sample ID:	FS01-30-90
Total Solids:	50%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		6600	10
108-95-2	Phenol	ND		6600	10
111-44-4	Bis(2-chloroethyl)ether	ND		2000	10
95-57-8	2-Chlorophenol	ND		6600	10
541-73-1	1,3-Dichlorobenzene	ND		2000	10
106-46-7	1,4-Dichlorobenzene	ND		2000	10
95-50-1	1,2-Dichlorobenzene	ND		2000	10
95-48-7	2-Methylphenol (o-cresol)	ND		6600	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		2000	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		13000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		4000	10
67-72-1	Hexachloroethane	ND		2000	10
98-95-3	Nitrobenzene	ND		4000	10
78-59-1	Isophorone	ND		2000	10
88-75-5	2-Nitrophenol	ND		6600	10
105-67-9	2,4-Dimethylphenol	ND		6600	10
111-91-1	Bis(2-chloroethoxy)methane	ND		4000	10
120-83-2	2,4-Dichlorophenol	ND		6600	10
120-82-1	1,2,4-Trichlorobenzene	ND		4000	10
91-20-3	Naphthalene	1600	T	2000	10
87-68-3	Hexachlorobutadiene	ND		4000	10
59-50-7	4-Chloro-3-methylphenol	ND		6600	10
91-57-6	2-Methylnaphthalene	900	T	5000	10
77-47-4	Hexachlorocyclopentadiene	ND		40000	10
88-06-2	2,4,6-Trichlorophenol	ND		6600	10
95-95-4	2,4,5-Trichlorophenol	ND		6600	10
91-58-7	2-Chloronaphthalene	1700	T	4000	10
88-74-4	2-Nitroaniline	ND		34000	10
208-96-8	Acenaphthylene	ND		2000	10
131-11-3	Dimethyl phthalate	ND		4000	10
606-20-2	2,6-Dinitrotoluene	ND		6600	10
99-09-2	3-Nitroaniline	ND		34000	10
83-32-9	Acenaphthene	ND		2000	10
51-28-5	2,4-Dinitrophenol	ND		34000	10
132-64-9	Dibenzofuran	ND		6600	10
100-02-7	4-Nitrophenol	ND		34000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		6600	10
86-73-7	Fluorene	ND		2000	10
84-66-2	Diethyl phthalate	ND		2000	10
100-01-6	4-Nitroaniline	ND		34000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		34000	10
7005-72-3	4-Chlorophenyl phenylether	ND		2000	10
156-10-5	N-Nitrosodiphenylamine	ND		4000	10
103-33-3	Azobenzene	ND		4000	10
101-55-3	4-Bromophenyl phenylether	ND		4000	10
118-74-1	Hexachlorobenzene	ND		4000	10
87-86-5	Pentachloropheno!	ND		68000	10
85-01-8	Phenanthrene	2500		2000	10
120-12-7	Anthracene	ND		2000	10
86-74-8	Carbazole	ND		6600	10
84-74-2	Di-n-butyl phthalate	ND		2000	10
206-44-0	Fluoranthene	3200		2000	10
129-00-0	Pyrene	ND		2000	10
85-68-7	Butyl benzyl phthalate	ND		2000	10
56-55-3	Benz(a)anthracene	1000	T	2000	10
218-01-9	Chrysene	1400	T	2000	10
117-81-7	Bis(2-ethylhexyl)phthalate	ND		4000	10
117-84-0	Di-n-octyl phthalate	ND		4000	10
205-99-2	Benzo(b)fluoranthene	ND		4000	10
207-08-9	Benzo(k)fluoranthene	ND		4000	10
50-32-8	Benzo(a)pyrene	ND		4000	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		4000	10
53-70-3	Dibenz(a,h)anthracene	ND		4000	10
191-24-2	Benzo(g,h,i)perylene	ND		4000	10

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

Reporting limits elevated due to matrix interference.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-02OS

Date Collected:	5/30/2000	Test Code:	SPCB
Date Extracted:	6/6/2000 by tm-1181	Test Name:	PCB - Sediment
Date Analyzed:	6/9/2000 by TAITS	Sample ID:	FS01-30-90
Total Solids:	50%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		200	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		200	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		200	1.0
53469-21-9	Aroclor 1242 (PCB)	ND		200	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		200	1.0
11097-69-1	Aroclor 1254 (PCB)	2200		200	1.0
11096-82-5	Aroclor 1260 (PCB)	ND		200	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		200	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		200	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-03OS

Date Collected:	5/30/2000	Test Code:	SBNA
Date Extracted:	6/7/2000 by tm-1182	Test Name:	BNA - Sediment
Date Analyzed:	6/13/2000 by GRINWISS	Sample ID:	FS01-30-90DUP
Total Solids:	51%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		6500	10
108-95-2	Phenol	ND		6500	10
111-44-4	Bis(2-chloroethyl)ether	ND		2000	10
95-57-8	2-Chlorophenol	ND		6500	10
541-73-1	1,3-Dichlorobenzene	ND		2000	10
106-46-7	1,4-Dichlorobenzene	ND		2000	10
95-50-1	1,2-Dichlorobenzene	ND		2000	10
95-48-7	2-Methylphenol (o-cresol)	ND		6500	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		2000	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		13000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		3900	10
67-72-1	Hexachloroethane	ND		2000	10
98-95-3	Nitrobenzene	ND		3900	10
78-59-1	Isophorone	ND		2000	10
88-75-5	2-Nitrophenol	ND		6500	10
105-67-9	2,4-Dimethylphenol	ND		6500	10
111-91-1	Bis(2-chloroethoxy)methane	ND		3900	10
120-83-2	2,4-Dichlorophenol	ND		6500	10
120-82-1	1,2,4-Trichlorobenzene	ND		3900	10
91-20-3	Naphthalene	1400	T	2000	10
87-68-3	Hexachlorobutadiene	ND		3900	10
59-50-7	4-Chloro-3-methylphenol	ND		6500	10
91-57-6	2-Methylnaphthalene	690	T	4900	10
77-47-4	Hexachlorocyclopentadiene	ND		39000	10
88-06-2	2,4,6-Trichlorophenol	ND		6500	10
95-95-4	2,4,5-Trichlorophenol	ND		6500	10
91-58-7	2-Chloronaphthalene	1400	T	3900	10
88-74-4	2-Nitroaniline	ND		33000	10
208-96-8	Acenaphthylene	ND		2000	10
131-11-3	Dimethyl phthalate	ND		3900	10
606-20-2	2,6-Dinitrotoluene	ND		6500	10
99-09-2	3-Nitroaniline	ND		33000	10
83-32-9	Acenaphthene	ND		2000	10
51-28-5	2,4-Dinitrophenol	ND		33000	10
132-64-9	Dibenzofuran	ND		6500	10
100-02-7	4-Nitrophenol	ND		33000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		6500	10
86-73-7	Fluorene	ND		2000	10
84-66-2	Diethyl phthalate	ND		2000	10
100-01-6	4-Nitroaniline	ND		33000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		33000	10
7005-72-3	4-Chlorophenyl phenylether	ND		2000	10
156-10-5	N-Nitrosodiphenylamine	ND		3900	10
103-33-3	Azobenzene	ND		3900	10
101-55-3	4-Bromophenyl phenylether	ND		3900	10
118-74-1	Hexachlorobenzene	ND		3900	10
87-86-5	Pentachlorophenol	ND		67000	10
85-01-8	Phenanthrene	2100		2000	10
120-12-7	Anthracene	ND		2000	10
86-74-8	Carbazole	ND		6500	10
84-74-2	Di-n-butyl phthalate	ND		2000	10
206-44-0	Fluoranthene	2200		2000	10
129-00-0	Pyrene	ND		2000	10
85-68-7	Butyl benzyl phthalate	ND		2000	10
56-55-3	Benz(a)anthracene	850	T	2000	10
218-01-9	Chrysene	1100	T	2000	10
117-81-7	Bis(2-ethylhexyl)phthalate	ND		3900	10
117-84-0	Di-n-octyl phthalate	ND		3900	10
205-99-2	Benzo(b)fluoranthene	ND		3900	10
207-08-9	Benzo(k)fluoranthene	ND		3900	10
50-32-8	Benzo(a)pyrene	ND		3900	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		3900	10
53-70-3	Dibenz(a,h)anthracene	ND		3900	10
191-24-2	Benzo(g,h,i)perylene	ND		3900	10

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

Reporting limits elevated due to matrix interference.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-03OS

Date Collected:	5/30/2000	Test Code:	SPCB
Date Extracted:	6/6/2000 by tm-1181	Test Name:	PCB - Sediment
Date Analyzed:	6/9/2000 by TAITS	Sample ID:	FS01-30-90DUP
Total Solids:	51%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		200	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		200	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		200	1.0
53469-21-9	Aroclor 1242 (PCB)	ND		200	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		200	1.0
11097-69-1	Aroclor 1254 (PCB)	2900		200	1.0
11096-82-5	Aroclor 1260 (PCB)	ND		200	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		200	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		200	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-04OS

Date Collected:	5/30/2000	Test Code:	SBNA
Date Extracted:	6/7/2000 by tm-1182	Test Name:	BNA - Sediment
Date Analyzed:	6/13/2000 by GRINWISS	Sample ID:	FS01-90-150
Total Solids:	49%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		6700	10
108-95-2	Phenol	ND		6700	10
111-44-4	Bis(2-chloroethyl)ether	ND		2000	10
95-57-8	2-Chlorophenol	ND		6700	10
541-73-1	1,3-Dichlorobenzene	ND		2000	10
106-46-7	1,4-Dichlorobenzene	ND		2000	10
95-50-1	1,2-Dichlorobenzene	ND		2000	10
95-48-7	2-Methylphenol (o-cresol)	ND		6700	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		2000	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		13000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		4100	10
67-72-1	Hexachloroethane	ND		2000	10
98-95-3	Nitrobenzene	ND		4100	10
78-59-1	Isophorone	ND		2000	10
88-75-5	2-Nitrophenol	ND		6700	10
105-67-9	2,4-Dimethylphenol	ND		6700	10
111-91-1	Bis(2-chloroethoxy)methane	ND		4100	10
120-83-2	2,4-Dichlorophenol	ND		6700	10
120-82-1	1,2,4-Trichlorobenzene	ND		4100	10
91-20-3	Naphthalene	750	T	2000	10
87-68-3	Hexachlorobutadiene	ND		4100	10
59-50-7	4-Chloro-3-methylphenol	ND		6700	10
91-57-6	2-Methylnaphthalene	ND		5100	10
77-47-4	Hexachlorocyclopentadiene	ND		41000	10
88-06-2	2,4,6-Trichlorophenol	ND		6700	10
95-95-4	2,4,5-Trichlorophenol	ND		6700	10
91-58-7	2-Chloronaphthalene	4300		4100	10
88-74-4	2-Nitroaniline	ND		35000	10
208-96-8	Acenaphthylene	ND		2000	10
131-11-3	Dimethyl phthalate	ND		4100	10
606-20-2	2,6-Dinitrotoluene	ND		6700	10
99-09-2	3-Nitroaniline	ND		35000	10
83-32-9	Acenaphthene	ND		2000	10
51-28-5	2,4-Dinitrophenol	ND		35000	10
132-64-9	Dibenzofuran	ND		6700	10
100-02-7	4-Nitrophenol	ND		35000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		6700	10
86-73-7	Fluorene	ND		2000	10
84-66-2	Diethyl phthalate	ND		2000	10
100-01-6	4-Nitroaniline	ND		35000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		35000	10
7005-72-3	4-Chlorophenyl phenylether	ND		2000	10
156-10-5	N-Nitrosodiphenylamine	ND		4100	10
103-33-3	Azobenzene	ND		4100	10
101-55-3	4-Bromophenyl phenylether	ND		4100	10
118-74-1	Hexachlorobenzene	ND		4100	10
87-86-5	Pentachlorophenol	ND		69000	10
85-01-8	Phenanthrene	1300	T	2000	10
120-12-7	Anthracene	ND		2000	10
86-74-8	Carbazole	ND		6700	10
84-74-2	Di-n-butyl phthalate	ND		2000	10
206-44-0	Fluoranthene	1500	T	2000	10
129-00-0	Pyrene	1600	T	2000	10
85-68-7	Butyl benzyl phthalate	ND		2000	10
56-55-3	Benz(a)anthracene	ND		2000	10
218-01-9	Chrysene	ND		2000	10
117-81-7	Bis(2-ethylhexyl)phthalate	ND		4100	10
117-84-0	Di-n-octyl phthalate	ND		4100	10
205-99-2	Benzo(b)fluoranthene	ND		4100	10
207-08-9	Benzo(k)fluoranthene	ND		4100	10
50-32-8	Benzo(a)pyrene	ND		4100	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		4100	10
53-70-3	Dibenz(a,h)anthracene	ND		4100	10
191-24-2	Benzo(g,h,i)perylene	ND		4100	10

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

Reporting limits elevated due to matrix interference.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-04OS

Date Collected:	5/30/2000	Test Code:	SPCB
Date Extracted:	6/6/2000 by tm-1181	Test Name:	PCB - Sediment
Date Analyzed:	6/9/2000 by TAITS	Sample ID:	FS01-90-150
Total Solids:	49%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		200	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		200	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		200	1.0
53469-21-9	Aroclor 1242 (PCB)	ND		200	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		200	1.0
11097-69-1	Aroclor 1254 (PCB)	ND		200	1.0
11096-82-5	Aroclor 1260 (PCB)	ND		200	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		200	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		200	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-05OS

Date Collected:	5/30/2000	Test Code:	SBNA
Date Extracted:	6/7/2000 by tm-1182	Test Name:	BNA - Sediment
Date Analyzed:	6/13/2000 by GRINWISS	Sample ID:	FS01-150-B
Total Solids:	55%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		6000	10
108-95-2	Phenol	ND		6000	10
111-44-4	Bis(2-chloroethyl)ether	ND		1800	10
95-57-8	2-Chlorophenol	ND		6000	10
541-73-1	1,3-Dichlorobenzene	ND		1800	10
106-46-7	1,4-Dichlorobenzene	ND		1800	10
95-50-1	1,2-Dichlorobenzene	ND		1800	10
95-48-7	2-Methylphenol (o-cresol)	ND		6000	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		1800	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		12000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		3600	10
67-72-1	Hexachloroethane	ND		1800	10
98-95-3	Nitrobenzene	ND		3600	10
78-59-1	Isophorone	ND		1800	10
88-75-5	2-Nitrophenol	ND		6000	10
105-67-9	2,4-Dimethylphenol	ND		6000	10
111-91-1	Bis(2-chloroethoxy)methane	ND		3600	10
120-83-2	2,4-Dichlorophenol	ND		6000	10
120-82-1	1,2,4-Trichlorobenzene	ND		3600	10
91-20-3	Naphthalene	740	T	1800	10
87-68-3	Hexachlorobutadiene	ND		3600	10
59-50-7	4-Chloro-3-methylphenol	ND		6000	10
91-57-6	2-Methylnaphthalene	ND		4500	10
77-47-4	Hexachlorocyclopentadiene	ND		36000	10
88-06-2	2,4,6-Trichlorophenol	ND		6000	10
95-95-4	2,4,5-Trichlorophenol	ND		6000	10
91-58-7	2-Chloronaphthalene	1400	T	3600	10
88-74-4	2-Nitroaniline	ND		31000	10
208-96-8	Acenaphthylene	ND		1800	10
131-11-3	Dimethyl phthalate	ND		3600	10
606-20-2	2,6-Dinitrotoluene	ND		6000	10
99-09-2	3-Nitroaniline	ND		31000	10
83-32-9	Acenaphthene	ND		1800	10
51-28-5	2,4-Dinitrophenol	ND		31000	10
132-64-9	Dibenzofuran	ND		6000	10
100-02-7	4-Nitrophenol	ND		31000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		6000	10
86-73-7	Fluorene	670	T	1800	10
84-66-2	Diethyl phthalate	ND		1800	10
100-01-6	4-Nitroaniline	ND		31000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		31000	10
7005-72-3	4-Chlorophenyl phenylether	ND		1800	10
156-10-5	N-Nitrosodiphenylamine	ND		3600	10
103-33-3	Azobenzene	ND		3600	10
101-55-3	4-Bromophenyl phenylether	ND		3600	10
118-74-1	Hexachlorobenzene	ND		3600	10
87-86-5	Pentachlorophenol	ND		62000	10
85-01-8	Phenanthrene	3100		1800	10
120-12-7	Anthracene	1000	T	1800	10
86-74-8	Carbazole	ND		6000	10
84-74-2	Di-n-butyl phthalate	ND		1800	10
206-44-0	Fluoranthene	2800		1800	10
129-00-0	Pyrene	3700		1800	10
85-68-7	Butyl benzyl phthalate	ND		1800	10
56-55-3	Benz(a)anthracene	1800		1800	10
218-01-9	Chrysene	1900		1800	10
117-81-7	Bis(2-ethylhexyl)phthalate	ND		3600	10
117-84-0	Di-n-octyl phthalate	ND		3600	10
205-99-2	Benzo(b)fluoranthene	ND		3600	10
207-08-9	Benzo(k)fluoranthene	ND		3600	10
50-32-8	Benzo(a)pyrene	ND		3600	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		3600	10
53-70-3	Dibenz(a,h)anthracene	ND		3600	10
191-24-2	Benzo(g,h,i)perylene	ND		3600	10

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

Reporting limits elevated due to matrix interference.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-05OS

Date Collected:	5/30/2000	Test Code:	SPCB
Date Extracted:	6/6/2000 by tm-1181	Test Name:	PCB - Sediment
Date Analyzed:	6/9/2000 by TAITS	Sample ID:	FS01-150-B
Total Solids:	55%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		180	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		180	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		180	1.0
53469-21-9	Aroclor 1242 (PCB)	ND		180	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		180	1.0
11097-69-1	Aroclor 1254 (PCB)	ND		180	1.0
11096-82-5	Aroclor 1260 (PCB)	ND		180	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		180	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		180	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-06OS

Date Collected:	5/30/2000	Test Code:	SBNA
Date Extracted:	6/7/2000 by tm-1182	Test Name:	BNA - Sediment
Date Analyzed:	6/13/2000 by GRINWISS	Sample ID:	FS02-00-30
Total Solids:	58%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		5700	10
108-95-2	Phenol	ND		5700	10
111-44-4	Bis(2-chloroethyl)ether	ND		1700	10
95-57-8	2-Chlorophenol	ND		5700	10
541-73-1	1,3-Dichlorobenzene	ND		1700	10
106-46-7	1,4-Dichlorobenzene	ND		1700	10
95-50-1	1,2-Dichlorobenzene	ND		1700	10
95-48-7	2-Methylphenol (o-cresol)	ND		5700	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		1700	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		11000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		3400	10
67-72-1	Hexachloroethane	ND		1700	10
98-95-3	Nitrobenzene	ND		3400	10
78-59-1	Isophorone	ND		1700	10
88-75-5	2-Nitrophenol	ND		5700	10
105-67-9	2,4-Dimethylphenol	ND		5700	10
111-91-1	Bis(2-chloroethoxy)methane	ND		3400	10
120-83-2	2,4-Dichlorophenol	ND		5700	10
120-82-1	1,2,4-Trichlorobenzene	ND		3400	10
91-20-3	Naphthalene	790	T	1700	10
87-68-3	Hexachlorobutadiene	ND		3400	10
59-50-7	4-Chloro-3-methylphenol	ND		5700	10
91-57-6	2-Methylnaphthalene	900	T	4300	10
77-47-4	Hexachlorocyclopentadiene	ND		34000	10
88-06-2	2,4,6-Trichlorophenol	ND		5700	10
95-95-4	2,4,5-Trichlorophenol	ND		5700	10
91-58-7	2-Chloronaphthalene	ND		3400	10
88-74-4	2-Nitroaniline	ND		29000	10
208-96-8	Acenaphthylene	570	T	1700	10
131-11-3	Dimethyl phthalate	ND		3400	10
606-20-2	2,6-Dinitrotoluene	ND		5700	10
99-09-2	3-Nitroaniline	ND		29000	10
83-32-9	Acenaphthene	630	T	1700	10
51-28-5	2,4-Dinitrophenol	ND		29000	10
132-64-9	Dibenzofuran	ND		5700	10
100-02-7	4-Nitrophenol	ND		29000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		5700	10
86-73-7	Fluorene	990	T	1700	10
84-66-2	Diethyl phthalate	ND		1700	10
100-01-6	4-Nitroaniline	ND		29000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		29000	10
7005-72-3	4-Chlorophenyl phenylether	ND		1700	10
156-10-5	N-Nitrosodiphenylamine	ND		3400	10
103-33-3	Azobenzene	ND		3400	10
101-55-3	4-Bromophenyl phenylether	ND		3400	10
118-74-1	Hexachlorobenzene	ND		3400	10
87-86-5	Pentachlorophenol	ND		59000	10
85-01-8	Phenanthrene	6900		1700	10
120-12-7	Anthracene	2800		1700	10
86-74-8	Carbazole	ND		5700	10
84-74-2	Di-n-butyl phthalate	ND		1700	10
206-44-0	Fluoranthene	7900		1700	10
129-00-0	Pyrene	9800		1700	10
85-68-7	Butyl benzyl phthalate	ND		1700	10
56-55-3	Benz(a)anthracene	5600		1700	10
218-01-9	Chrysene	5800		1700	10
117-81-7	Bis(2-ethylhexyl)phthalate	ND		3400	10
117-84-0	Di-n-octyl phthalate	ND		3400	10
205-99-2	Benzo(b)fluoranthene	2600	T	3400	10
207-08-9	Benzo(k)fluoranthene	3900		3400	10
50-32-8	Benzo(a)pyrene	5400		3400	10
193-39-5	Indeno(1,2,3-cd)pyrene	1700	T	3400	10
53-70-3	Dibenz(a,h)anthracene	ND		3400	10
191-24-2	Benzo(g,h,i)perylene	1700	T	3400	10

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

Reporting limits elevated due to matrix interference.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-06OS

Date Collected:	5/30/2000	Test Code:	SPCB
Date Extracted:	6/6/2000 by tm-1181	Test Name:	PCB - Sediment
Date Analyzed:	6/9/2000 by TAITS	Sample ID:	FS02-00-30
Total Solids:	58%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		170	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		170	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		170	1.0
53469-21-9	Aroclor 1242 (PCB)	ND		170	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		170	1.0
11097-69-1	Aroclor 1254 (PCB)	ND		170	1.0
11096-82-5	Aroclor 1260 (PCB)	ND		170	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		170	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		170	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-07OS

Date Collected:	5/30/2000	Test Code:	SBNA
Date Extracted:	6/7/2000 by tm-1182	Test Name:	BNA - Sediment
Date Analyzed:	6/13/2000 by GRINWISS	Sample ID:	FS02-30-90
Total Solids:	61%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		5400	10
108-95-2	Phenol	ND		5400	10
111-44-4	Bis(2-chloroethyl)ether	ND		1600	10
95-57-8	2-Chlorophenol	ND		5400	10
541-73-1	1,3-Dichlorobenzene	ND		1600	10
106-46-7	1,4-Dichlorobenzene	ND		1600	10
95-50-1	1,2-Dichlorobenzene	ND		1600	10
95-48-7	2-Methylphenol (o-cresol)	ND		5400	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		1600	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		11000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		3300	10
67-72-1	Hexachloroethane	ND		1600	10
98-95-3	Nitrobenzene	ND		3300	10
78-59-1	Isophorone	ND		1600	10
88-75-5	2-Nitrophenol	ND		5400	10
105-67-9	2,4-Dimethylphenol	ND		5400	10
111-91-1	Bis(2-chloroethoxy)methane	ND		3300	10
120-83-2	2,4-Dichlorophenol	ND		5400	10
120-82-1	1,2,4-Trichlorobenzene	ND		3300	10
91-20-3	Naphthalene	1100	T	1600	10
87-68-3	Hexachlorobutadiene	ND		3300	10
59-50-7	4-Chloro-3-methylphenol	ND		5400	10
91-57-6	2-Methylnaphthalene	3000	T	4100	10
77-47-4	Hexachlorocyclopentadiene	ND		33000	10
88-06-2	2,4,6-Trichlorophenol	ND		5400	10
95-95-4	2,4,5-Trichlorophenol	ND		5400	10
91-58-7	2-Chloronaphthalene	ND		3300	10
88-74-4	2-Nitroaniline	ND		28000	10
208-96-8	Acenaphthylene	800	T	1600	10
131-11-3	Dimethyl phthalate	ND		3300	10
606-20-2	2,6-Dinitrotoluene	ND		5400	10
99-09-2	3-Nitroaniline	ND		28000	10
83-32-9	Acenaphthene	2000		1600	10
51-28-5	2,4-Dinitrophenol	ND		28000	10
132-64-9	Dibenzofuran	600	T	5400	10
100-02-7	4-Nitrophenol	ND		28000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		5400	10
86-73-7	Fluorene	2700		1600	10
84-66-2	Diethyl phthalate	ND		1600	10
100-01-6	4-Nitroaniline	ND		28000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		28000	10
7005-72-3	4-Chlorophenyl phenylether	ND		1600	10
156-10-5	N-Nitrosodiphenylamine	ND		3300	10
103-33-3	Azobenzene	ND		3300	10
101-55-3	4-Bromophenyl phenylether	ND		3300	10
118-74-1	Hexachlorobenzene	ND		3300	10
87-86-5	Pentachlorophenol	ND		56000	10
85-01-8	Phenanthrene	20000		1600	10
120-12-7	Anthracene	6900		1600	10
86-74-8	Carbazole	ND		5400	10
84-74-2	Di-n-butyl phthalate	ND		1600	10
206-44-0	Fluoranthene	13000		1600	10
129-00-0	Pyrene	16000		1600	10
85-68-7	Butyl benzyl phthalate	ND		1600	10
56-55-3	Benz(a)anthracene	8000		1600	10
218-01-9	Chrysene	7900		1600	10
117-81-7	Bis(2-ethylhexyl)phthalate	ND		3300	10
117-84-0	Di-n-octyl phthalate	ND		3300	10
205-99-2	Benzo(b)fluoranthene	3100	T	3300	10
207-08-9	Benzo(k)fluoranthene	5000		3300	10
50-32-8	Benzo(a)pyrene	7200		3300	10
193-39-5	Indeno(1,2,3-cd)pyrene	1900	T	3300	10
53-70-3	Dibenz(a,h)anthracene	ND		3300	10
191-24-2	Benzo(g,h,i)perylene	1900	T	3300	10

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

Reporting limits elevated due to matrix interference.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-07OS

Date Collected:	5/30/2000	Test Code:	SPCB
Date Extracted:	6/6/2000 by S1181 KS	Test Name:	PCB - Sediment
Date Analyzed:	6/9/2000 by TAITS	Sample ID:	FS02-30-90
Total Solids:	61%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		160	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		160	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		160	1.0
53469-21-9	Aroclor 1242 (PCB)	ND		160	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		160	1.0
11097-69-1	Aroclor 1254 (PCB)	ND		160	1.0
11096-82-5	Aroclor 1260 (PCB)	ND		160	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		160	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		160	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-08OS

Date Collected:	5/30/2000	Test Code:	SBNA
Date Extracted:	6/7/2000 by tm-1182	Test Name:	BNA - Sediment
Date Analyzed:	6/13/2000 by GRINWISS	Sample ID:	FS02-90-B
Total Solids:	57%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		5800	10
108-95-2	Phenol	ND		5800	10
111-44-4	Bis(2-chloroethyl)ether	ND		1800	10
95-57-8	2-Chlorophenol	ND		5800	10
541-73-1	1,3-Dichlorobenzene	ND		1800	10
106-46-7	1,4-Dichlorobenzene	ND		1800	10
95-50-1	1,2-Dichlorobenzene	ND		1800	10
95-48-7	2-Methylphenol (o-cresol)	ND		5800	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		1800	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		12000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		3500	10
67-72-1	Hexachloroethane	ND		1800	10
98-95-3	Nitrobenzene	ND		3500	10
78-59-1	Isophorone	ND		1800	10
88-75-5	2-Nitrophenol	ND		5800	10
105-67-9	2,4-Dimethylphenol	ND		5800	10
111-91-1	Bis(2-chloroethoxy)methane	ND		3500	10
120-83-2	2,4-Dichlorophenol	ND		5800	10
120-82-1	1,2,4-Trichlorobenzene	ND		3500	10
91-20-3	Naphthalene	1000	T	1800	10
87-68-3	Hexachlorobutadiene	ND		3500	10
59-50-7	4-Chloro-3-methylphenol	ND		5800	10
91-57-6	2-Methylnaphthalene	2000	T	4400	10
77-47-4	Hexachlorocyclopentadiene	ND		35000	10
88-06-2	2,4,6-Trichlorophenol	ND		5800	10
95-95-4	2,4,5-Trichlorophenol	ND		5800	10
91-58-7	2-Chloronaphthalene	ND		3500	10
88-74-4	2-Nitroaniline	ND		30000	10
208-96-8	Acenaphthylene	650	T	1800	10
131-11-3	Dimethyl phthalate	ND		3500	10
606-20-2	2,6-Dinitrotoluene	ND		5800	10
99-09-2	3-Nitroaniline	ND		30000	10
83-32-9	Acenaphthene	1400	T	1800	10
51-28-5	2,4-Dinitrophenol	ND		30000	10
132-64-9	Dibenzofuran	ND		5800	10
100-02-7	4-Nitrophenol	ND		30000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		5800	10
86-73-7	Fluorene	2300		1800	10
84-66-2	Diethyl phthalate	ND		1800	10
100-01-6	4-Nitroaniline	ND		30000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		30000	10
7005-72-3	4-Chlorophenyl phenylether	ND		1800	10
156-10-5	N-Nitrosodiphenylamine	ND		3500	10
103-33-3	Azobenzene	ND		3500	10
101-55-3	4-Bromophenyl phenylether	ND		3500	10
118-74-1	Hexachlorobenzene	ND		3500	10
87-86-5	Pentachlorophenol	ND		60000	10
85-01-8	Phenanthrene	16000		1800	10
120-12-7	Anthracene	5500		1800	10
86-74-8	Carbazole	ND		5800	10
84-74-2	Di-n-butyl phthalate	ND		1800	10
206-44-0	Fluoranthene	9400		1800	10
129-00-0	Pyrene	14000		1800	10
85-68-7	Butyl benzyl phthalate	ND		1800	10
56-55-3	Benz(a)anthracene	5900		1800	10
218-01-9	Chrysene	5900		1800	10
117-81-7	Bis(2-ethylhexyl)phthalate	ND		3500	10
117-84-0	Di-n-octyl phthalate	ND		3500	10
205-99-2	Benzo(b)fluoranthene	2400	T	3500	10
207-08-9	Benzo(k)fluoranthene	3200	T	3500	10
50-32-8	Benzo(a)pyrene	5200		3500	10
193-39-5	Indeno(1,2,3-cd)pyrene	1400	T	3500	10
53-70-3	Dibenz(a,h)anthracene	ND		3500	10
191-24-2	Benzo(g,h,i)perylene	1500	T	3500	10

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

Reporting limits elevated due to matrix interference.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-08OS

Date Collected:	5/30/2000	Test Code:	SPCB
Date Extracted:	6/6/2000 by tm-1181	Test Name:	PCB - Sediment
Date Analyzed:	6/9/2000 by TAITS	Sample ID:	FS02-90-B
Total Solids:	57%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		180	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		180	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		180	1.0
53469-21-9	Aroclor 1242 (PCB)	ND		180	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		180	1.0
11097-69-1	Aroclor 1254 (PCB)	ND		180	1.0
11096-82-5	Aroclor 1260 (PCB)	ND		180	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		180	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		180	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-09OS

Date Collected:	5/30/2000	Test Code:	SBNA
Date Extracted:	6/7/2000 by tm-1182	Test Name:	BNA - Sediment
Date Analyzed:	6/12/2000 by GRINWISS	Sample ID:	FS03-00-30
Total Solids:	43%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		770	1
108-95-2	Phenol	ND		770	1
111-44-4	Bis(2-chloroethyl)ether	ND		230	1
95-57-8	2-Chlorophenol	ND		770	1
541-73-1	1,3-Dichlorobenzene	ND		230	1
106-46-7	1,4-Dichlorobenzene	ND		230	1
95-50-1	1,2-Dichlorobenzene	ND		230	1
95-48-7	2-Methylphenol (o-cresol)	ND		770	1
108-60-1	Bis(2-chloroisopropyl)ether	ND		230	1
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		1500	1
621-64-7	N-Nitrosodi-n-propylamine	ND		470	1
67-72-1	Hexachloroethane	ND		230	1
98-95-3	Nitrobenzene	ND		470	1
78-59-1	Isophorone	ND		230	1
88-75-5	2-Nitrophenol	ND		770	1
105-67-9	2,4-Dimethylphenol	ND		770	1
111-91-1	Bis(2-chloroethoxy)methane	ND		470	1
120-83-2	2,4-Dichlorophenol	ND		770	1
120-82-1	1,2,4-Trichlorobenzene	ND		470	1
91-20-3	Naphthalene	410		230	1
87-68-3	Hexachlorobutadiene	ND		470	1
59-50-7	4-Chloro-3-methylphenol	ND		770	1
91-57-6	2-Methylnaphthalene	ND		580	1
77-47-4	Hexachlorocyclopentadiene	ND		4700	1
88-06-2	2,4,6-Trichlorophenol	ND		770	1
95-95-4	2,4,5-Trichlorophenol	ND		770	1
91-58-7	2-Chloronaphthalene	ND		470	1
88-74-4	2-Nitroaniline	ND		4000	1
208-96-8	Acenaphthylene	ND		230	1
131-11-3	Dimethyl phthalate	ND		470	1
606-20-2	2,6-Dinitrotoluene	ND		770	1
99-09-2	3-Nitroaniline	ND		4000	1
83-32-9	Acenaphthene	ND		230	1
51-28-5	2,4-Dinitrophenol	ND		4000	1
132-64-9	Dibenzofuran	ND		770	1
100-02-7	4-Nitrophenol	ND		4000	1

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		770	1
86-73-7	Fluorene	ND		230	1
84-66-2	Diethyl phthalate	ND		230	1
100-01-6	4-Nitroaniline	ND		4000	1
534-52-1	2-Methyl-4,6-dinitrophenol	ND		4000	1
7005-72-3	4-Chlorophenyl phenylether	ND		230	1
156-10-5	N-Nitrosodiphenylamine	ND		470	1
103-33-3	Azobenzene	ND		470	1
101-55-3	4-Bromophenyl phenylether	ND		470	1
118-74-1	Hexachlorobenzene	ND		470	1
87-86-5	Pentachlorophenol	ND		7900	1
85-01-8	Phenanthrene	770	J	230	1
120-12-7	Anthracene	230	J	230	1
86-74-8	Carbazole	ND		770	1
84-74-2	Di-n-butyl phthalate	ND		230	1
206-44-0	Fluoranthene	1000	J	230	1
129-00-0	Pyrene	700	J	230	1
85-68-7	Butyl benzyl phthalate	ND		230	1
56-55-3	Benz(a)anthracene	340		230	1
218-01-9	Chrysene	440		230	1
117-81-7	Bis(2-ethylhexyl)phthalate	870		470	1
117-84-0	Di-n-octyl phthalate	ND		470	1
205-99-2	Benzo(b)fluoranthene	ND		470	1
207-08-9	Benzo(k)fluoranthene	ND		470	1
50-32-8	Benzo(a)pyrene	ND		470	1
193-39-5	Indeno(1,2,3-cd)pyrene	ND		470	1
53-70-3	Dibenz(a,h)anthracene	ND		470	1
191-24-2	Benzo(g,h,i)perylene	ND		470	1

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-09OS

Date Collected:	5/30/2000	Test Code:	SPCB
Date Extracted:	6/6/2000 by tm-1181	Test Name:	PCB - Sediment
Date Analyzed:	6/9/2000 by TAITS	Sample ID:	FS03-00-30
Total Solids:	43%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		230	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		230	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		230	1.0
53469-21-9	Aroclor 1242 (PCB)	ND		230	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		230	1.0
11097-69-1	Aroclor 1254 (PCB)	ND		230	1.0
11096-82-5	Aroclor 1260 (PCB)	ND		230	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		230	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		230	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-10OS

Date Collected:	5/30/2000	Test Code:	SBNA
Date Extracted:	6/7/2000 by tm-1182	Test Name:	BNA - Sediment
Date Analyzed:	6/13/2000 by GRINWISS	Sample ID:	FS03-30-90
Total Solids:	52%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		6300	10
108-95-2	Phenol	ND		6300	10
111-44-4	Bis(2-chloroethyl)ether	ND		1900	10
95-57-8	2-Chlorophenol	ND		6300	10
541-73-1	1,3-Dichlorobenzene	ND		1900	10
106-46-7	1,4-Dichlorobenzene	ND		1900	10
95-50-1	1,2-Dichlorobenzene	ND		1900	10
95-48-7	2-Methylphenol (o-cresol)	ND		6300	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		1900	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		13000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		3800	10
67-72-1	Hexachloroethane	ND		1900	10
98-95-3	Nitrobenzene	ND		3800	10
78-59-1	Isophorone	ND		1900	10
88-75-5	2-Nitrophenol	ND		6300	10
105-67-9	2,4-Dimethylphenol	ND		6300	10
111-91-1	Bis(2-chloroethoxy)methane	ND		3800	10
120-83-2	2,4-Dichlorophenol	ND		6300	10
120-82-1	1,2,4-Trichlorobenzene	ND		3800	10
91-20-3	Naphthalene	1500	T	1900	10
87-68-3	Hexachlorobutadiene	ND		3800	10
59-50-7	4-Chloro-3-methylphenol	ND		6300	10
91-57-6	2-Methylnaphthalene	ND		4800	10
77-47-4	Hexachlorocyclopentadiene	ND		38000	10
88-06-2	2,4,6-Trichlorophenol	ND		6300	10
95-95-4	2,4,5-Trichlorophenol	ND		6300	10
91-58-7	2-Chloronaphthalene	7500		3800	10
88-74-4	2-Nitroaniline	ND		33000	10
208-96-8	Acenaphthylene	ND		1900	10
131-11-3	Dimethyl phthalate	ND		3800	10
606-20-2	2,6-Dinitrotoluene	ND		6300	10
99-09-2	3-Nitroaniline	ND		33000	10
83-32-9	Acenaphthene	ND		1900	10
51-28-5	2,4-Dinitrophenol	ND		33000	10
132-64-9	Dibenzofuran	ND		6300	10
100-02-7	4-Nitrophenol	ND		33000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		6300	10
86-73-7	Fluorene	ND		1900	10
84-66-2	Diethyl phthalate	ND		1900	10
100-01-6	4-Nitroaniline	ND		33000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		33000	10
7005-72-3	4-Chlorophenyl phenylether	ND		1900	10
156-10-5	N-Nitrosodiphenylamine	ND		3800	10
103-33-3	Azobenzene	ND		3800	10
101-55-3	4-Bromophenyl phenylether	ND		3800	10
118-74-1	Hexachlorobenzene	ND		3800	10
87-86-5	Pentachlorophenol	ND		65000	10
85-01-8	Phenanthrene	2600		1900	10
120-12-7	Anthracene	720	T	1900	10
86-74-8	Carbazole	ND		6300	10
84-74-2	Di-n-butyl phthalate	ND		1900	10
206-44-0	Fluoranthene	3000		1900	10
129-00-0	Pyrene	3000		1900	10
85-68-7	Butyl benzyl phthalate	ND		1900	10
56-55-3	Benz(a)anthracene	1200	T	1900	10
218-01-9	Chrysene	1400	T	1900	10
117-81-7	Bis(2-ethylhexyl)phthalate	ND		3800	10
117-84-0	Di-n-octyl phthalate	ND		3800	10
205-99-2	Benzo(b)fluoranthene	ND		3800	10
207-08-9	Benzo(k)fluoranthene	ND		3800	10
50-32-8	Benzo(a)pyrene	ND		3800	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		3800	10
53-70-3	Dibenz(a,h)anthracene	ND		3800	10
191-24-2	Benzo(g,h,i)perylene	ND		3800	10

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

Reporting limits elevated due to matrix interference.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-10OS

Date Collected:	5/30/2000	Test Code:	SPCB
Date Extracted:	6/6/2000 by tm-1181	Test Name:	PCB - Sediment
Date Analyzed:	6/9/2000 by TAITS	Sample ID:	FS03-30-90
Total Solids:	52%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		190	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		190	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		190	1.0
53469-21-9	Aroclor 1242 (PCB)	ND		190	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		190	1.0
11097-69-1	Aroclor 1254 (PCB)	ND		190	1.0
11096-82-5	Aroclor 1260 (PCB)	ND		190	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		190	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		190	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-11OS

Date Collected:	5/30/2000	Test Code:	SBNA
Date Extracted:	6/7/2000 by tm-1182	Test Name:	BNA - Sediment
Date Analyzed:	6/13/2000 by GRINWISS	Sample ID:	FS03-90-150
Total Solids:	55%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		6000	10
108-95-2	Phenol	ND		6000	10
111-44-4	Bis(2-chloroethyl)ether	ND		1800	10
95-57-8	2-Chlorophenol	ND		6000	10
541-73-1	1,3-Dichlorobenzene	ND		1800	10
106-46-7	1,4-Dichlorobenzene	ND		1800	10
95-50-1	1,2-Dichlorobenzene	ND		1800	10
95-48-7	2-Methylphenol (o-cresol)	ND		6000	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		1800	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		12000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		3600	10
67-72-1	Hexachloroethane	ND		1800	10
98-95-3	Nitrobenzene	ND		3600	10
78-59-1	Isophorone	ND		1800	10
88-75-5	2-Nitrophenol	ND		6000	10
105-67-9	2,4-Dimethylphenol	ND		6000	10
111-91-1	Bis(2-chloroethoxy)methane	ND		3600	10
120-83-2	2,4-Dichlorophenol	ND		6000	10
120-82-1	1,2,4-Trichlorobenzene	ND		3600	10
91-20-3	Naphthalene	660	T	1800	10
87-68-3	Hexachlorobutadiene	ND		3600	10
59-50-7	4-Chloro-3-methylphenol	ND		6000	10
91-57-6	2-Methylnaphthalene	ND		4500	10
77-47-4	Hexachlorocyclopentadiene	ND		36000	10
88-06-2	2,4,6-Trichlorophenol	ND		6000	10
95-95-4	2,4,5-Trichlorophenol	ND		6000	10
91-58-7	2-Chloronaphthalene	1700	T	3600	10
88-74-4	2-Nitroaniline	ND		31000	10
208-96-8	Acenaphthylene	ND		1800	10
131-11-3	Dimethyl phthalate	ND		3600	10
606-20-2	2,6-Dinitrotoluene	ND		6000	10
99-09-2	3-Nitroaniline	ND		31000	10
83-32-9	Acenaphthene	ND		1800	10
51-28-5	2,4-Dinitrophenol	ND		31000	10
132-64-9	Dibenzofuran	ND		6000	10
100-02-7	4-Nitrophenol	ND		31000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		6000	10
86-73-7	Fluorene	ND		1800	10
84-66-2	Diethyl phthalate	ND		1800	10
100-01-6	4-Nitroaniline	ND		31000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		31000	10
7005-72-3	4-Chlorophenyl phenylether	ND		1800	10
156-10-5	N-Nitrosodiphenylamine	ND		3600	10
103-33-3	Azobenzene	ND		3600	10
101-55-3	4-Bromophenyl phenylether	ND		3600	10
118-74-1	Hexachlorobenzene	ND		3600	10
87-86-5	Pentachlorophenol	ND		62000	10
85-01-8	Phenanthrene	2700		1800	10
120-12-7	Anthracene	990	T	1800	10
86-74-8	Carbazole	ND		6000	10
84-74-2	Di-n-butyl phthalate	ND		1800	10
206-44-0	Fluoranthene	2600		1800	10
129-00-0	Pyrene	2700		1800	10
85-68-7	Butyl benzyl phthalate	ND		1800	10
56-55-3	Benz(a)anthracene	1300	T	1800	10
218-01-9	Chrysene	1600	T	1800	10
117-81-7	Bis(2-ethylhexyl)phthalate	ND		3600	10
117-84-0	Di-n-octyl phthalate	ND		3600	10
205-99-2	Benzo(b)fluoranthene	ND		3600	10
207-08-9	Benzo(k)fluoranthene	ND		3600	10
50-32-8	Benzo(a)pyrene	ND		3600	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		3600	10
53-70-3	Dibenz(a,h)anthracene	ND		3600	10
191-24-2	Benzo(g,h,i)perylene	ND		3600	10

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

Reporting limits elevated due to matrix interference.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-11OS

Date Collected:	5/30/2000	Test Code:	SPCB
Date Extracted:	6/6/2000 by tm-1181	Test Name:	PCB - Sediment
Date Analyzed:	6/9/2000 by TAITS	Sample ID:	FS03-90-150
Total Solids:	55%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		180	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		180	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		180	1.0
53469-21-9	Aroclor 1242 (PCB)	ND		180	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		180	1.0
11097-69-1	Aroclor 1254 (PCB)	ND		180	1.0
11096-82-5	Aroclor 1260 (PCB)	ND		180	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		180	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		180	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-12OS

Date Collected:	5/30/2000	Test Code:	SBNA
Date Extracted:	6/7/2000 by tm-1182	Test Name:	BNA - Sediment
Date Analyzed:	6/13/2000 by GRINWISS	Sample ID:	FS03-150-B
Total Solids:	56%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		5900	10
108-95-2	Phenol	ND		5900	10
111-44-4	Bis(2-chloroethyl)ether	ND		1800	10
95-57-8	2-Chlorophenol	ND		5900	10
541-73-1	1,3-Dichlorobenzene	ND		1800	10
106-46-7	1,4-Dichlorobenzene	ND		1800	10
95-50-1	1,2-Dichlorobenzene	ND		1800	10
95-48-7	2-Methylphenol (o-cresol)	ND		5900	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		1800	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		12000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		3600	10
67-72-1	Hexachloroethane	ND		1800	10
98-95-3	Nitrobenzene	ND		3600	10
78-59-1	Isophorone	ND		1800	10
88-75-5	2-Nitrophenol	ND		5900	10
105-67-9	2,4-Dimethylphenol	ND		5900	10
111-91-1	Bis(2-chloroethoxy)methane	ND		3600	10
120-83-2	2,4-Dichlorophenol	ND		5900	10
120-82-1	1,2,4-Trichlorobenzene	ND		3600	10
91-20-3	Naphthalene	1600	T	1800	10
87-68-3	Hexachlorobutadiene	ND		3600	10
59-50-7	4-Chloro-3-methylphenol	ND		5900	10
91-57-6	2-Methylnaphthalene	1700	T	4500	10
77-47-4	Hexachlorocyclopentadiene	ND		36000	10
88-06-2	2,4,6-Trichlorophenol	ND		5900	10
95-95-4	2,4,5-Trichlorophenol	ND		5900	10
91-58-7	2-Chloronaphthalene	ND		3600	10
88-74-4	2-Nitroaniline	ND		30000	10
208-96-8	Acenaphthylene	640	T	1800	10
131-11-3	Dimethyl phthalate	ND		3600	10
606-20-2	2,6-Dinitrotoluene	ND		5900	10
99-09-2	3-Nitroaniline	ND		30000	10
83-32-9	Acenaphthene	1200	T	1800	10
51-28-5	2,4-Dinitrophenol	ND		30000	10
132-64-9	Dibenzofuran	ND		5900	10
100-02-7	4-Nitrophenol	ND		30000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		5900	10
86-73-7	Fluorene	1800		1800	10
84-66-2	Diethyl phthalate	ND		1800	10
100-01-6	4-Nitroaniline	ND		30000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		30000	10
7005-72-3	4-Chlorophenyl phenylether	ND		1800	10
156-10-5	N-Nitrosodiphenylamine	ND		3600	10
103-33-3	Azobenzene	ND		3600	10
101-55-3	4-Bromophenyl phenylether	ND		3600	10
118-74-1	Hexachlorobenzene	ND		3600	10
87-86-5	Pentachlorophenol	ND		61000	10
85-01-8	Phenanthrene	11000		1800	10
120-12-7	Anthracene	4600		1800	10
86-74-8	Carbazole	ND		5900	10
84-74-2	Di-n-butyl phthalate	ND		1800	10
206-44-0	Fluoranthene	11000		1800	10
129-00-0	Pyrene	13000		1800	10
85-68-7	Butyl benzyl phthalate	ND		1800	10
56-55-3	Benz(a)anthracene	6200		1800	10
218-01-9	Chrysene	6500		1800	10
117-81-7	Bis(2-ethylhexyl)phthalate	ND		3600	10
117-84-0	Di-n-octyl phthalate	ND		3600	10
205-99-2	Benzo(b)fluoranthene	2800	T	3600	10
207-08-9	Benzo(k)fluoranthene	4100		3600	10
50-32-8	Benzo(a)pyrene	5600		3600	10
193-39-5	Indeno(1,2,3-cd)pyrene	1600	T	3600	10
53-70-3	Dibenz(a,h)anthracene	ND		3600	10
191-24-2	Benzo(g,h,i)perylene	1500	T	3600	10

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

Reporting limits elevated due to matrix interference.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-12OS

Date Collected:	5/30/2000	Test Code:	SPCB
Date Extracted:	6/6/2000 by tm-1181	Test Name:	PCB - Sediment
Date Analyzed:	6/9/2000 by TAITS	Sample ID:	FS03-150-B
Total Solids:	56%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		180	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		180	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		180	1.0
53469-21-9	Aroclor 1242 (PCB)	ND		180	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		180	1.0
11097-69-1	Aroclor 1254 (PCB)	ND		180	1.0
11096-82-5	Aroclor 1260 (PCB)	ND		180	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		180	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		180	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-13OS

Date Collected:	5/30/2000	Test Code:	SBNA
Date Extracted:	6/7/2000 by tm-1182	Test Name:	BNA + Sediment
Date Analyzed:	6/13/2000 by GRINWISS	Sample ID:	FS04-00-30
Total Solids:	54%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		6100	10
108-95-2	Phenol	ND		6100	10
111-44-4	Bis(2-chloroethyl)ether	ND		1900	10
95-57-8	2-Chlorophenol	ND		6100	10
541-73-1	1,3-Dichlorobenzene	ND		1900	10
106-46-7	1,4-Dichlorobenzene	ND		1900	10
95-50-1	1,2-Dichlorobenzene	ND		1900	10
95-48-7	2-Methylphenol (o-cresol)	ND		6100	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		1900	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		12000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		3700	10
67-72-1	Hexachloroethane	ND		1900	10
98-95-3	Nitrobenzene	ND		3700	10
78-59-1	Isophorone	ND		1900	10
88-75-5	2-Nitrophenol	ND		6100	10
105-67-9	2,4-Dimethylphenol	ND		6100	10
111-91-1	Bis(2-chloroethoxy)methane	ND		3700	10
120-83-2	2,4-Dichlorophenol	ND		6100	10
120-82-1	1,2,4-Trichlorobenzene	ND		3700	10
91-20-3	Naphthalene	1600	T	1900	10
87-68-3	Hexachlorobutadiene	ND		3700	10
59-50-7	4-Chloro-3-methylphenol	ND		6100	10
91-57-6	2-Methylnaphthalene	7100		4600	10
77-47-4	Hexachlorocyclopentadiene	ND		37000	10
88-06-2	2,4,6-Trichlorophenol	ND		6100	10
95-95-4	2,4,5-Trichlorophenol	ND		6100	10
91-58-7	2-Chloronaphthalene	ND		3700	10
88-74-4	2-Nitroaniline	ND		31000	10
208-96-8	Acenaphthylene	3300		1900	10
131-11-3	Dimethyl phthalate	ND		3700	10
606-20-2	2,6-Dinitrotoluene	ND		6100	10
99-09-2	3-Nitroaniline	ND		31000	10
83-32-9	Acenaphthene	6300		1900	10
51-28-5	2,4-Dinitrophenol	ND		31000	10
132-64-9	Dibenzofuran	1400	T	6100	10
100-02-7	4-Nitrophenol	ND		31000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		6100	10
86-73-7	Fluorene	9700		1900	10
84-66-2	Diethyl phthalate	ND		1900	10
100-01-6	4-Nitroaniline	ND		31000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		31000	10
7005-72-3	4-Chlorophenyl phenylether	ND		1900	10
156-10-5	N-Nitrosodiphenylamine	ND		3700	10
103-33-3	Azobenzene	ND		3700	10
101-55-3	4-Bromophenyl phenylether	ND		3700	10
118-74-1	Hexachlorobenzene	ND		3700	10
87-86-5	Pentachlorophenol	ND		63000	10
85-01-8	Phenanthrene	72000		1900	10
120-12-7	Anthracene	28000		1900	10
86-74-8	Carbazole	ND		6100	10
84-74-2	Di-n-butyl phthalate	ND		1900	10
206-44-0	Fluoranthene	49000		1900	10
129-00-0	Pyrene	13000		1900	10
85-68-7	Butyl benzyl phthalate	ND		1900	10
56-55-3	Benz(a)anthracene	25000		1900	10
218-01-9	Chrysene	23000		1900	10
117-81-7	Bis(2-ethylhexyl)phthalate	ND		3700	10
117-84-0	Di-n-octyl phthalate	ND		3700	10
205-99-2	Benzo(b)fluoranthene	11000		3700	10
207-08-9	Benzo(k)fluoranthene	13000		3700	10
50-32-8	Benzo(a)pyrene	23000		3700	10
193-39-5	Indeno(1,2,3-cd)pyrene	5700		3700	10
53-70-3	Dibenz(a,h)anthracene	2300	T	3700	10
191-24-2	Benzo(g,h,i)perylene	5700		3700	10

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

Reporting limits elevated due to matrix interference.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-13OS

Date Collected: 5/30/2000		Test Code:	SPCB
Date Extracted: 6/6/2000 by tm-1181		Test Name:	PCB - Sediment
Date Analyzed: 6/9/2000 by TAITS		Sample ID:	FS04-00-30
Total Solids: 54%			

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		190	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		190	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		190	1.0
53469-21-9	Aroclor 1242 (PCB)	ND		190	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		190	1.0
11097-69-1	Aroclor 1254 (PCB)	ND		190	1.0
11096-82-5	Aroclor 1260 (PCB)	ND		190	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		190	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		190	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-14OS

Date Collected:	5/30/2000	Test Code:	SBNA
Date Extracted:	6/7/2000 by tm-1182	Test Name:	BNA - Sediment
Date Analyzed:	6/13/2000 by GRINWISS	Sample ID:	FS04-30-B
Total Solids:	78%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		4200	10
108-95-2	Phenol	ND		4200	10
111-44-4	Bis(2-chloroethyl)ether	ND		1300	10
95-57-8	2-Chlorophenol	ND		4200	10
541-73-1	1,3-Dichlorobenzene	ND		1300	10
106-46-7	1,4-Dichlorobenzene	ND		1300	10
95-50-1	1,2-Dichlorobenzene	ND		1300	10
95-48-7	2-Methylphenol (o-cresol)	ND		4200	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		1300	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		8500	10
621-64-7	N-Nitrosodi-n-propylamine	ND		2600	10
67-72-1	Hexachloroethane	ND		1300	10
98-95-3	Nitrobenzene	ND		2600	10
78-59-1	Isophorone	ND		1300	10
88-75-5	2-Nitrophenol	ND		4200	10
105-67-9	2,4-Dimethylphenol	ND		4200	10
111-91-1	Bis(2-chloroethoxy)methane	ND		2600	10
120-83-2	2,4-Dichlorophenol	ND		4200	10
120-82-1	1,2,4-Trichlorobenzene	ND		2600	10
91-20-3	Naphthalene	ND		1300	10
87-68-3	Hexachlorobutadiene	ND		2600	10
59-50-7	4-Chloro-3-methylphenol	ND		4200	10
91-57-6	2-Methylnaphthalene	1100	T	3200	10
77-47-4	Hexachlorocyclopentadiene	ND		26000	10
88-06-2	2,4,6-Trichlorophenol	ND		4200	10
95-95-4	2,4,5-Trichlorophenol	ND		4200	10
91-58-7	2-Chloronaphthalene	ND		2600	10
88-74-4	2-Nitroaniline	ND		22000	10
208-96-8	Acenaphthylene	550	T	1300	10
131-11-3	Dimethyl phthalate	ND		2600	10
606-20-2	2,6-Dinitrotoluene	ND		4200	10
99-09-2	3-Nitroaniline	ND		22000	10
83-32-9	Acenaphthene	1000	T	1300	10
51-28-5	2,4-Dinitrophenol	ND		22000	10
132-64-9	Dibenzofuran	ND		4200	10
100-02-7	4-Nitrophenol	ND		22000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		4200	10
86-73-7	Fluorene	1900		1300	10
84-66-2	Diethyl phthalate	ND		1300	10
100-01-6	4-Nitroaniline	ND		22000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		22000	10
7005-72-3	4-Chlorophenyl phenylether	ND		1300	10
156-10-5	N-Nitrosodiphenylamine	ND		2600	10
103-33-3	Azobenzene	ND		2600	10
101-55-3	4-Bromophenyl phenylether	ND		2600	10
118-74-1	Hexachlorobenzene	ND		2600	10
87-86-5	Pentachlorophenol	ND		44000	10
85-01-8	Phenanthrene	12000		1300	10
120-12-7	Anthracene	4800		1300	10
86-74-8	Carbazole	ND		4200	10
84-74-2	Di-n-butyl phthalate	ND		1300	10
206-44-0	Fluoranthene	8200		1300	10
129-00-0	Pyrene	12000		1300	10
85-68-7	Butyl benzyl phthalate	ND		1300	10
56-55-3	Benz(a)anthracene	5000		1300	10
218-01-9	Chrysene	5000		1300	10
117-81-7	Bis(2-ethylhexyl)phthalate	ND		2600	10
117-84-0	Di-n-octyl phthalate	ND		2600	10
205-99-2	Benzo(b)fluoranthene	1900	T	2600	10
207-08-9	Benzo(k)fluoranthene	3200		2600	10
50-32-8	Benzo(a)pyrene	4600		2600	10
193-39-5	Indeno(1,2,3-cd)pyrene	1200	T	2600	10
53-70-3	Dibenz(a,h)anthracene	ND		2600	10
191-24-2	Benzo(g,h,i)perylene	1200	T	2600	10

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

Reporting limits elevated due to matrix interference.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-14OS

Date Collected:	5/30/2000	Test Code:	SPCB
Date Extracted:	6/6/2000 by tm-1181	Test Name:	PCB - Sediment
Date Analyzed:	6/9/2000 by TAITS	Sample ID:	FS04-30-B
Total Solids:	78%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		130	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		130	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		130	1.0
53469-21-9	Aroclor 1242 (PCB)	ND		130	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		130	1.0
11097-69-1	Aroclor 1254 (PCB)	ND		130	1.0
11096-82-5	Aroclor 1260 (PCB)	ND		130	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		130	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		130	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-15OS

Date Collected:	5/30/2000	Test Code:	SBNA
Date Extracted:	6/7/2000 by tm-1182	Test Name:	BNA - Sediment
Date Analyzed:	6/12/2000 by GRINWISS	Sample ID:	FS05-00-30
Total Solids:	82%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		400	1
108-95-2	Phenol	ND		400	1
111-44-4	Bis(2-chloroethyl)ether	ND		120	1
95-57-8	2-Chlorophenol	ND		400	1
541-73-1	1,3-Dichlorobenzene	ND		120	1
106-46-7	1,4-Dichlorobenzene	ND		120	1
95-50-1	1,2-Dichlorobenzene	ND		120	1
95-48-7	2-Methylphenol (o-cresol)	ND		400	1
108-60-1	Bis(2-chloroisopropyl)ether	ND		120	1
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		800	1
621-64-7	N-Nitrosodi-n-propylamine	ND		240	1
67-72-1	Hexachloroethane	ND		120	1
98-95-3	Nitrobenzene	ND		240	1
78-59-1	Isophorone	ND		120	1
88-75-5	2-Nitrophenol	ND		400	1
105-67-9	2,4-Dimethylphenol	ND		400	1
111-91-1	Bis(2-chloroethoxy)methane	ND		240	1
120-83-2	2,4-Dichlorophenol	ND		400	1
120-82-1	1,2,4-Trichlorobenzene	ND		240	1
91-20-3	Naphthalene	ND		120	1
87-68-3	Hexachlorobutadiene	ND		240	1
59-50-7	4-Chloro-3-methylphenol	ND		400	1
91-57-6	2-Methylnaphthalene	ND		300	1
77-47-4	Hexachlorocyclopentadiene	ND		2400	1
88-06-2	2,4,6-Trichlorophenol	ND		400	1
95-95-4	2,4,5-Trichlorophenol	ND		400	1
91-58-7	2-Chloronaphthalene	ND		240	1
88-74-4	2-Nitroaniline	ND		2100	1
208-96-8	Acenaphthylene	ND		120	1
131-11-3	Dimethyl phthalate	ND		240	1
606-20-2	2,6-Dinitrotoluene	ND		400	1
99-09-2	3-Nitroaniline	ND		2100	1
83-32-9	Acenaphthene	ND		120	1
51-28-5	2,4-Dinitrophenol	ND		2100	1
132-64-9	Dibenzofuran	ND		400	1
100-02-7	4-Nitrophenol	ND		2100	1

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		400	1
86-73-7	Fluorene	ND		120	1
84-66-2	Diethyl phthalate	ND		120	1
100-01-6	4-Nitroaniline	ND		2100	1
534-52-1	2-Methyl-4,6-dinitrophenol	ND		2100	1
7005-72-3	4-Chlorophenyl phenylether	ND		120	1
156-10-5	N-Nitrosodiphenylamine	ND		240	1
103-33-3	Azobenzene	ND		240	1
101-55-3	4-Bromophenyl phenylether	ND		240	1
118-74-1	Hexachlorobenzene	ND		240	1
87-86-5	Pentachlorophenol	ND		4100	1
85-01-8	Phenanthrene	160		120	1
120-12-7	Anthracene	ND		120	1
86-74-8	Carbazole	ND		400	1
84-74-2	Di-n-butyl phthalate	ND		120	1
206-44-0	Fluoranthene	110	T	120	1
129-00-0	Pyrene	110	T	120	1
85-68-7	Butyl benzyl phthalate	ND		120	1
56-55-3	Benz(a)anthracene	ND		120	1
218-01-9	Chrysene	ND		120	1
117-81-7	Bis(2-ethylhexyl)phthalate	ND		240	1
117-84-0	Di-n-octyl phthalate	ND		240	1
205-99-2	Benzo(b)fluoranthene	ND		240	1
207-08-9	Benzo(k)fluoranthene	ND		240	1
50-32-8	Benzo(a)pyrene	ND		240	1
193-39-5	Indeno(1,2,3-cd)pyrene	ND		240	1
53-70-3	Dibenz(a,h)anthracene	ND		240	1
191-24-2	Benzo(g,h,i)perylene	ND		240	1

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-15OS

Date Collected:	5/30/2000	Test Code:	SPCB
Date Extracted:	6/6/2000 by tm-1181	Test Name:	PCB - Sediment
Date Analyzed:	6/9/2000 by TAITS	Sample ID:	FS05-00-30
Total Solids:	82%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		120	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		120	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		120	1.0
53469-21-9	Aroclor 1242 (PCB)	ND		120	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		120	1.0
11097-69-1	Aroclor 1254 (PCB)	ND		120	1.0
11096-82-5	Aroclor 1260 (PCB)	ND		120	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		120	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		120	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-16OS

Date Collected:	5/30/2000	Test Code:	SBNA
Date Extracted:	6/7/2000 by tm-1182	Test Name:	BNA - Sediment
Date Analyzed:	6/12/2000 by GRINWISS	Sample ID:	FS05-00-30DUP
Total Solids:	83%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		400	1
108-95-2	Phenol	ND		400	1
111-44-4	Bis(2-chloroethyl)ether	ND		120	1
95-57-8	2-Chlorophenol	ND		400	1
541-73-1	1,3-Dichlorobenzene	ND		120	1
106-46-7	1,4-Dichlorobenzene	ND		120	1
95-50-1	1,2-Dichlorobenzene	ND		120	1
95-48-7	2-Methylphenol (o-cresol)	ND		400	1
108-60-1	Bis(2-chloroisopropyl)ether	ND		120	1
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		800	1
621-64-7	N-Nitrosodi-n-propylamine	ND		240	1
67-72-1	Hexachloroethane	ND		120	1
98-95-3	Nitrobenzene	ND		240	1
78-59-1	Isophorone	ND		120	1
88-75-5	2-Nitrophenol	ND		400	1
105-67-9	2,4-Dimethylphenol	ND		400	1
111-91-1	Bis(2-chloroethoxy)methane	ND		240	1
120-83-2	2,4-Dichlorophenol	ND		400	1
120-82-1	1,2,4-Trichlorobenzene	ND		240	1
91-20-3	Naphthalene	ND		120	1
87-68-3	Hexachlorobutadiene	ND		240	1
59-50-7	4-Chloro-3-methylphenol	ND		400	1
91-57-6	2-Methylnaphthalene	ND		300	1
77-47-4	Hexachlorocyclopentadiene	ND		2400	1
88-06-2	2,4,6-Trichlorophenol	ND		400	1
95-95-4	2,4,5-Trichlorophenol	ND		400	1
91-58-7	2-Chloronaphthalene	ND		240	1
88-74-4	2-Nitroaniline	ND		2000	1
208-96-8	Acenaphthylene	ND		120	1
131-11-3	Dimethyl phthalate	ND		240	1
606-20-2	2,6-Dinitrotoluene	ND		400	1
99-09-2	3-Nitroaniline	ND		2000	1
83-32-9	Acenaphthene	ND		120	1
51-28-5	2,4-Dinitrophenol	ND		2000	1
132-64-9	Dibenzofuran	ND		400	1
100-02-7	4-Nitrophenol	ND		2000	1

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		400	1
86-73-7	Fluorene	ND		120	1
84-66-2	Diethyl phthalate	ND		120	1
100-01-6	4-Nitroaniline	ND		2000	1
534-52-1	2-Methyl-4,6-dinitrophenol	ND		2000	1
7005-72-3	4-Chlorophenyl phenylether	ND		120	1
156-10-5	N-Nitrosodiphenylamine	ND		240	1
103-33-3	Azobenzene	ND		240	1
101-55-3	4-Bromophenyl phenylether	ND		240	1
118-74-1	Hexachlorobenzene	ND		240	1
87-86-5	Pentachlorophenol	ND		4100	1
85-01-8	Phenanthrene	110	T	120	1
120-12-7	Anthracene	ND		120	1
86-74-8	Carbazole	ND		400	1
84-74-2	Di-n-butyl phthalate	ND		120	1
206-44-0	Fluoranthene	ND		120	1
129-00-0	Pyrene	ND		120	1
85-68-7	Butyl benzyl phthalate	ND		120	1
56-55-3	Benz(a)anthracene	ND		120	1
218-01-9	Chrysene	ND		120	1
117-81-7	Bis(2-ethylhexyl)phthalate	ND		240	1
117-84-0	Di-n-octyl phthalate	ND		240	1
205-99-2	Benzo(b)fluoranthene	ND		240	1
207-08-9	Benzo(k)fluoranthene	ND		240	1
50-32-8	Benzo(a)pyrene	ND		240	1
193-39-5	Indeno(1,2,3-cd)pyrene	ND		240	1
53-70-3	Dibenz(a,h)anthracene	ND		240	1
191-24-2	Benzo(g,h,i)perylene	ND		240	1

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-16OS

Date Collected: 5/30/2000		Test Code:	SPCB
Date Extracted: 6/6/2000 by tm-1181		Test Name:	PCB - Sediment
Date Analyzed: 6/9/2000 by TAITS		Sample ID:	FS05-00-30DUP
Total Solids: 83%			

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		120	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		120	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		120	1.0
53469-21-9	Aroclor 1242 (PCB)	ND		120	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		120	1.0
11097-69-1	Aroclor 1254 (PCB)	ND		120	1.0
11096-82-5	Aroclor 1260 (PCB)	ND		120	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		120	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		120	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-17OS

Date Collected:	5/30/2000	Test Code:	SBNA
Date Extracted:	6/7/2000 by tm-1182	Test Name:	BNA - Sediment
Date Analyzed:	6/12/2000 by GRINWISS	Sample ID:	FS05-30-B
Total Solids:	82%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		400	1
108-95-2	Phenol	ND		400	1
111-44-4	Bis(2-chloroethyl)ether	ND		120	1
95-57-8	2-Chlorophenol	ND		400	1
541-73-1	1,3-Dichlorobenzene	ND		120	1
106-46-7	1,4-Dichlorobenzene	ND		120	1
95-50-1	1,2-Dichlorobenzene	ND		120	1
95-48-7	2-Methylphenol (o-cresol)	ND		400	1
108-60-1	Bis(2-chloroisopropyl)ether	ND		120	1
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		800	1
621-64-7	N-Nitrosodi-n-propylamine	ND		240	1
67-72-1	Hexachloroethane	ND		120	1
98-95-3	Nitrobenzene	ND		240	1
78-59-1	Isophorone	ND		120	1
88-75-5	2-Nitrophenol	ND		400	1
105-67-9	2,4-Dimethylphenol	ND		400	1
111-91-1	Bis(2-chloroethoxy)methane	ND		240	1
120-83-2	2,4-Dichlorophenol	ND		400	1
120-82-1	1,2,4-Trichlorobenzene	ND		240	1
91-20-3	Naphthalene	ND		120	1
87-68-3	Hexachlorobutadiene	ND		240	1
59-50-7	4-Chloro-3-methylphenol	ND		400	1
91-57-6	2-Methylnaphthalene	ND		300	1
77-47-4	Hexachlorocyclopentadiene	ND		2400	1
88-06-2	2,4,6-Trichlorophenol	ND		400	1
95-95-4	2,4,5-Trichlorophenol	ND		400	1
91-58-7	2-Chloronaphthalene	ND		240	1
88-74-4	2-Nitroaniline	ND		2100	1
208-96-8	Acenaphthylene	ND		120	1
131-11-3	Dimethyl phthalate	ND		240	1
606-20-2	2,6-Dinitrotoluene	ND		400	1
99-09-2	3-Nitroaniline	ND		2100	1
83-32-9	Acenaphthene	ND		120	1
51-28-5	2,4-Dinitrophenol	ND		2100	1
132-64-9	Dibenzofuran	ND		400	1
100-02-7	4-Nitrophenol	ND		2100	1

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		400	1
86-73-7	Fluorene	ND		120	1
84-66-2	Diethyl phthalate	ND		120	1
100-01-6	4-Nitroaniline	ND		2100	1
534-52-1	2-Methyl-4,6-dinitrophenol	ND		2100	1
7005-72-3	4-Chlorophenyl phenylether	ND		120	1
156-10-5	N-Nitrosodiphenylamine	ND		240	1
103-33-3	Azobenzene	ND		240	1
101-55-3	4-Bromophenyl phenylether	ND		240	1
118-74-1	Hexachlorobenzene	ND		240	1
87-86-5	Pentachlorophenol	ND		4100	1
85-01-8	Phenanthrene	140		120	1
120-12-7	Anthracene	ND		120	1
86-74-8	Carbazole	ND		400	1
84-74-2	Di-n-butyl phthalate	ND		120	1
206-44-0	Fluoranthene	ND		120	1
129-00-0	Pyrene	ND		120	1
85-68-7	Butyl benzyl phthalate	ND		120	1
56-55-3	Benz(a)anthracene	ND		120	1
218-01-9	Chrysene	ND		120	1
117-81-7	Bis(2-ethylhexyl)phthalate	ND		240	1
117-84-0	Di-n-octyl phthalate	ND		240	1
205-99-2	Benzo(b)fluoranthene	ND		240	1
207-08-9	Benzo(k)fluoranthene	ND		240	1
50-32-8	Benzo(a)pyrene	ND		240	1
193-39-5	Indeno(1,2,3-cd)pyrene	ND		240	1
53-70-3	Dibenz(a,h)anthracene	ND		240	1
191-24-2	Benzo(g,h,i)perylene	ND		240	1

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006028-17OS

Date Collected:	5/30/2000	Test Code:	SPCB
Date Extracted:	6/6/2000 by tm-1181	Test Name:	PCB - Sediment
Date Analyzed:	6/9/2000 by TAITS	Sample ID:	FS05-30-B
Total Solids:	82%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		120	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		120	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		120	1.0
53469-21-9	Aroclor 1242 (PCB)	ND		120	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		120	1.0
11097-69-1	Aroclor 1254 (PCB)	ND		120	1.0
11096-82-5	Aroclor 1260 (PCB)	ND		120	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		120	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		120	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

DEQ

MICHIGAN DEPT. OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL LABORATORY
ANALYSIS REQUEST SHEET

LAB ORDER # 00-06-029

MATRIX=SEDIMENT/SOIL/SOLIDS

SUBMITTER DIVISION	DISTRICT OR OFFICE	MDEQ PROJECT MANAGER & PHONE	ACCEPT HT CODES? YES NO
SWQ	GLEAS	M. Oemke 335-4206	

LOCATION SAMPLED / SITE ID NUMBER: TRENTON CHANNEL-DETROIT R.

INDEX | PCA | PROJECT | PH

COLLECTED BY: M. Oem

PHONE: (5) 4206

ADDITIONAL REPORT TO ATTENTION OF

AT (ADDRESS) (If different than above office)

OVERFLOW CONTRACT LAB (Required for ERD)

****** SAFETY INFORMATION REQUIRED ******
SEE BACK OF FORM

LAB USE ONLY	SAMPLE IDENTIFICATION	SAMPLE COLLECTED DATE	TIME	COMMENTS
1	RV08-00-30	5/31		Surf - 30 cm
2	-30-90	"		30-90 cm
3	-90-150	"		90-150 cm
4	-150-B	"		150-Bottom
5	RV11-00-30	"		Surface -30 cm
6	-30-90	"		30-90 cm
7	-90-150	"		90-150 cm
8	-150-B	"		150-Bottom
9	RV12-00-30	"		Surf-30 cm
10	RV12-30-90	5/31		30-90 cm

ORGANIC

VOA VOLATILES (MeOH/8260)

Full List	1 2 3 4 5 6 7 8 9 10
BTEX/MTBE only	1 2 3 4 5 6 7 8 9 10

OS PESTICIDES/PCBS (8081/8082)

Pesticides & PCBs	1 2 3 4 5 6 7 8 9 10
Pesticides only	1 2 3 4 5 6 7 8 9 10
PCBs only	1 2 3 4 5 6 7 8 9 10

BNA BASE NEUTRAL & ACIDS (8270)

BNAs	1 2 3 4 5 6 7 8 9 10
PNAs only	1 2 3 4 5 6 7 8 9 10
BNs only	1 2 3 4 5 6 7 8 9 10

SPECIAL REQUESTS

Library Search (Qualitative)

Volatiles	1 2 3 4 5 6 7 8 9 10
Semivolatiles	1 2 3 4 5 6 7 8 9 10

Other

_____	1 2 3 4 5 6 7 8 9 10

GENERAL CHEMISTRY

GS

COD	1 2 3 4 5 6 7 8 9 10
KJEL N, Tot. P	1 2 3 4 5 6 7 8 9 10
Phenolics	1 2 3 4 5 6 7 8 9 10
Total CN	1 2 3 4 5 6 7 8 9 10
_____	1 2 3 4 5 6 7 8 9 10
_____	1 2 3 4 5 6 7 8 9 10
_____	1 2 3 4 5 6 7 8 9 10

INORGANIC

MS

MICH TEN METALS (As, Ba, Cd, Cr, Cu, Pb, Hg, Se, Ag, Zn)	1 2 3 4 5 6 7 8 9 10
Fe Co Li Mn	1 2 3 4 5 6 7 8 9 10
Al Be Mo Ti V	1 2 3 4 5 6 7 8 9 10
Sr - Strontium	1 2 3 4 5 6 7 8 9 10
Ni - Nickel	1 2 3 4 5 6 7 8 9 10
Tl - Thallium	1 2 3 4 5 6 7 8 9 10
Ca Mg Na K	1 2 3 4 5 6 7 8 9 10
% Total Solids	1 2 3 4 5 6 7 8 9 10
_____	1 2 3 4 5 6 7 8 9 10
_____	1 2 3 4 5 6 7 8 9 10
_____	1 2 3 4 5 6 7 8 9 10

Chain-of-Custody	BOTTLE / TESTS	RELEASED BY / AFFILIATION	RECEIVED BY / AFFILIATION	DATE & TIME
		1) Mark P Oemke DEQ	D Harding	6-2 cw
		2)		

2

DEQ

MICHIGAN DEPT. OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL LABORATORY
ANALYSIS REQUEST SHEET

LAB ORDER # 00-06-029

MATRIX=SEDIMENT/SOIL/SOLIDS

SUBMITTER DIVISION	DISTRICT OR OFFICE	MDEQ PROJECT MANAGER & PHONE	ACCEPT HT CODES? YES / NO
SWQ	Glead	M. Denke 5-4206	YES

LOCATION SAMPLED / SITE ID NUMBER: Trenton - Det. River

INDEX | PCA | PROJECT | PH

COLLECTED BY: M. Denke

PHONE: ( ) 5-4206

ADDITIONAL REPORT TO ATTENTION OF

AT (ADDRESS) (If different than above office)

OVERFLOW CONTRACT LAB (Required for ERD)

****** SAFETY INFORMATION REQUIRED ******
SEE BACK OF FORM

LAB USE ONLY	SAMPLE IDENTIFICATION	SAMPLE COLLECTED DATE	SAMPLE COLLECTED TIME	COMMENTS
1	RV12-90-B	5/31		90 cm - Bottom
2				
3				
4				
5				
6				
7				
8				
9				
10				

ORGANIC

VOA VOLATILES (MeOH/8260)
- Full List 1 2 3 4 5 6 7 8 9 10
- BTEX/MTBE only 1 2 3 4 5 6 7 8 9 10

OS PESTICIDES/PCBS (8081/8082)
- Pesticides & PCBs 1 2 3 4 5 6 7 8 9 10
- Pesticides only 1 2 3 4 5 6 7 8 9 10
- PCBs only 1 2 3 4 5 6 7 8 9 10

BNA BASE NEUTRAL & ACIDS (8270)
- BNAs 1 2 3 4 5 6 7 8 9 10
- PNAs only 1 2 3 4 5 6 7 8 9 10
- BNs only 1 2 3 4 5 6 7 8 9 10

SPECIAL REQUESTS
Library Search (Qualitative)
- Volatiles 1 2 3 4 5 6 7 8 9 10
- Semivolatiles 1 2 3 4 5 6 7 8 9 10

Other
- _____ 1 2 3 4 5 6 7 8 9 10

GENERAL CHEMISTRY

GS
- COD 1 2 3 4 5 6 7 8 9 10
- KJEL N, Tot. P 1 2 3 4 5 6 7 8 9 10
- Phenolics 1 2 3 4 5 6 7 8 9 10
- Total CN 1 2 3 4 5 6 7 8 9 10
- _____ 1 2 3 4 5 6 7 8 9 10
- _____ 1 2 3 4 5 6 7 8 9 10
- _____ 1 2 3 4 5 6 7 8 9 10

INORGANIC

MS
- MICH TEN METALS 1 2 3 4 5 6 7 8 9 10 (As, Ba, Cd, Cr, Cu, Pb, Hg, Se, Ag, Zn)
- Fe Co Li Mn 1 2 3 4 5 6 7 8 9 10
- Al Be Mo Ti V 1 2 3 4 5 6 7 8 9 10
- Sr - Strontium 1 2 3 4 5 6 7 8 9 10
- Ni - Nickel 1 2 3 4 5 6 7 8 9 10
- Tl - Thallium 1 2 3 4 5 6 7 8 9 10
- Ca Mg Na K 1 2 3 4 5 6 7 8 9 10
- % Total Solids 1 2 3 4 5 6 7 8 9 10
- _____ 1 2 3 4 5 6 7 8 9 10
- _____ 1 2 3 4 5 6 7 8 9 10
- _____ 1 2 3 4 5 6 7 8 9 10

Chain-of-Custody	BOTTLE / TESTS	RELEASED BY / AFFILIATION	RECEIVED BY / AFFILIATION	DATE & TIME
		1) Mark P Denke DEQ	D Hartig	6-2-00
		2)		

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY	PROCEDURE	NO: PD-13/Ver. 2
	LABORATORY SERVICES SECTION	DATE REV.:12/99

SUBJECT: Laboratory Result Remark Codes

EFFECTIVE DATE: December1999

A	value reported is the mean of two or more determinations.
C	value calculated from other independent parameters.
J	estimated value or value not accurate.
K	actual value is known to be less than the value given, i.e., substance, if present, is below detection limit.
L	actual value is known to be greater than the value given.
T	value reported is less than criteria of detection.
W	value observed is less than lowest value reportable under "T" code.
DL	sample analyzed using a dilution(s).
DM	dilution required due to matrix problems.
HT	recommended laboratory holding time was exceeded before analysis.
LH	QC indicated possible low recovery. Actual level may be higher.
LL	QC indicated possible high recovery. Actual level may be lower.
MM	analytical method or matrix is not within SOP of this laboratory.
NC	no confirmation by a second technique.
NH	non-homogeneous sample made analysis of a representative sample questionable.
PI	possible interference may have affected the accuracy of the laboratory result.
QC	quality control problems exist.
RB	reagent blank. The level of reagent blank contamination is reported in the comment column and may be subtracted from the analyte value by the user.
ST	recommended sample collection/preservation technique not used.
ACC	laboratory accident resulted in no obtainable value.
FCN	free cyanide was not analyzed due to low level of total cyanide.
INT	interference encountered during analysis resulted in no obtainable value.
IST	improper sample collection/preservation. Sample not suitable for analysis.
NAV	requested analysis not available.
QNS	quantity not sufficient to perform requested analysis.
STR	settleable residue was not analyzed due to low suspended solids.

Approved by:

Bob Avery, Laboratory Director 11/30/99 Date

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL LABORATORY (517) 335-9800

P.O. Box 30270
Lansing, MI 48909

Report To: Surface Water Quality Div.
Knapps Building
Lansing, MI 48909

Attn: M.OEMKE
Total: $9,023.85

Lab Work Order # 0006029
Work Site ID: TRENTON CHANNEL-DETROIT R.
Matrix: Sediment\Soil
Received: 6/2/2000 **Reported:** 7/20/2000
Client: SW_GLEAS **Number of Samples:** 11

TEST / UNITS	RV08-00-30	RV08-30-90	RV08-90-150	RV08-150-B
Arsenic in Sediment mg/kg (dry)	9.0	10	13	13
Barium in Sediment mg/kg (dry)	118	140	247	370
Cadmium in Sediment mg/kg (dry)	26	36	18	22
Chromium in Sediment mg/kg (dry)	74	124	278	700
Copper in Sediment mg/kg (dry)	94	120	180	290
Lead in Sediment mg/kg (dry)	175	170	310	399
Mercury in Sediment mg/kg (dry)	3.5	1.8	212	3.4
Selenium in Sediment mg/kg (dry)	0.9	1.1	1.2	1.1
Silver in Sediment mg/kg (dry)	2.6	2.9	4.6	7.9
Solids - Total - Inorganic %TS	47.0	48.0	51.0	50.3
Zinc in Sediment mg/kg (dry)	409	540	775	1200

TEST / UNITS	RV11-00-30	RV11-30-90	RV11-90-150	RV11-150-B
Arsenic in Sediment mg/kg (dry)	10	13	13	14
Barium in Sediment mg/kg (dry)	249	355	320	237
Cadmium in Sediment mg/kg (dry)	13	22	20	16
Chromium in Sediment mg/kg (dry)	329	630	466	347
Copper in Sediment mg/kg (dry)	183	250	230	189

RECEIVED
SWQD - GLEAS
JUL 2 2000

TEST UNITS	RV11-00-30	RV11-30-90	RV11-90-150	RV11-150-B
Lead in Sediment mg/kg (dry)	265	370	410	350
Mercury in Sediment mg/kg (dry)	1.3	4.1	4.3	25
Selenium in Sediment mg/kg (dry)	0.9	1.0	1.0	1.0
Silver in Sediment mg/kg (dry)	4.5	6.9	6.4	4.2
Solids - Total - Inorganic %TS	44.5	46.3	48.0	50.1
Zinc in Sediment mg/kg (dry)	710	1100	1040	980

TEST UNITS	RV12-00-30	RV12-30-90	RV12-90-B
Arsenic in Sediment mg/kg (dry)	12	12	11
Barium in Sediment mg/kg (dry)	166	207	252
Cadmium in Sediment mg/kg (dry)	14	11	11
Chromium in Sediment mg/kg (dry)	220	277	302
Copper in Sediment mg/kg (dry)	153	160	172
Lead in Sediment mg/kg (dry)	290	270	258
Mercury in Sediment mg/kg (dry)	24	19	6.8
Selenium in Sediment mg/kg (dry)	0.9	0.8	0.9
Silver in Sediment mg/kg (dry)	3.8	4.1	4.2
Solids - Total - Inorganic %TS	45.1	50.7	51.8
Zinc in Sediment mg/kg (dry)	810	750	660

Many samples have low levels of DDD.

This is an original report: D Hartig Date: _____

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006029-01OS

Date Collected:	5/31/2000	Test Code:	SBNA
Date Extracted:	6/9/2000 by tm-1184	Test Name:	BNA - Sediment
Date Analyzed:	6/15/2000 by GRINWISS	Sample ID:	RV08-00-30
Total Solids:	48%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		690	1
108-95-2	Phenol	ND		690	1
111-44-4	Bis(2-chloroethyl)ether	ND		210	1
95-57-8	2-Chlorophenol	ND		690	1
541-73-1	1,3-Dichlorobenzene	ND		210	1
106-46-7	1,4-Dichlorobenzene	ND		210	1
95-50-1	1,2-Dichlorobenzene	ND		210	1
95-48-7	2-Methylphenol (o-cresol)	ND		690	1
108-60-1	Bis(2-chloroisopropyl)ether	ND		210	1
108394,106445	3/4-Methylphenol (m/p-cresol)	710	T	1400	1
621-64-7	N-Nitrosodi-n-propylamine	ND		420	1
67-72-1	Hexachloroethane	ND		210	1
98-95-3	Nitrobenzene	ND		420	1
78-59-1	Isophorone	ND		210	1
88-75-5	2-Nitrophenol	ND		690	1
105-67-9	2,4-Dimethylphenol	ND		690	1
111-91-1	Bis(2-chloroethoxy)methane	ND		420	1
120-83-2	2,4-Dichlorophenol	ND		690	1
120-82-1	1,2,4-Trichlorobenzene	ND		420	1
91-20-3	Naphthalene	210		210	1
87-68-3	Hexachlorobutadiene	ND		420	1
59-50-7	4-Chloro-3-methylphenol	ND		690	1
91-57-6	2-Methylnaphthalene	ND		520	1
77-47-4	Hexachlorocyclopentadiene	ND		4200	1
88-06-2	2,4,6-Trichlorophenol	ND		690	1
95-95-4	2,4,5-Trichlorophenol	ND		690	1
91-58-7	2-Chloronaphthalene	ND		420	1
88-74-4	2-Nitroaniline	ND		3500	1
208-96-8	Acenaphthylene	ND		210	1
131-11-3	Dimethyl phthalate	ND		420	1
606-20-2	2,6-Dinitrotoluene	ND		690	1
99-09-2	3-Nitroaniline	ND		3500	1
83-32-9	Acenaphthene	ND		210	1
51-28-5	2,4-Dinitrophenol	ND		3500	1
132-64-9	Dibenzofuran	ND		690	1
100-02-7	4-Nitrophenol	ND		3500	1

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		690	1
86-73-7	Fluorene	ND		210	1
84-66-2	Diethyl phthalate	ND		210	1
100-01-6	4-Nitroaniline	ND		3500	1
534-52-1	2-Methyl-4,6-dinitrophenol	ND		3500	1
7005-72-3	4-Chlorophenyl phenylether	ND		210	1
156-10-5	N-Nitrosodiphenylamine	ND		420	1
103-33-3	Azobenzene	ND		420	1
101-55-3	4-Bromophenyl phenylether	ND		420	1
118-74-1	Hexachlorobenzene	ND		420	1
87-86-5	Pentachlorophenol	ND		7100	1
85-01-8	Phenanthrene	480		210	1
120-12-7	Anthracene	160	T	210	1
86-74-8	Carbazole	ND		690	1
84-74-2	Di-n-butyl phthalate	ND		210	1
206-44-0	Fluoranthene	840		210	1
129-00-0	Pyrene	660		210	1
85-68-7	Butyl benzyl phthalate	ND		210	1
56-55-3	Benz(a)anthracene	420		210	1
218-01-9	Chrysene	470		210	1
117-81-7	Bis(2-ethylhexyl)phthalate	1500		420	1
117-84-0	Di-n-octyl phthalate	ND		420	1
205-99-2	Benzo(b)fluoranthene	390	T	420	1
207-08-9	Benzo(k)fluoranthene	330	T	420	1
50-32-8	Benzo(a)pyrene	490		420	1
193-39-5	Indeno(1,2,3-cd)pyrene	ND		420	1
53-70-3	Dibenz(a,h)anthracene	ND		420	1
191-24-2	Benzo(g,h,i)perylene	ND		420	1

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006029-01OS

Date Collected:	5/31/2000	Test Code:	SPCB
Date Extracted:	6/8/2000 by tm-1183	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	RV08-00-30
Total Solids:	48%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		210	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		210	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		210	1.0
53469-21-9	Aroclor 1242 (PCB)	ND		210	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		210	1.0
11097-69-1	Aroclor 1254 (PCB)	460		210	1.0
11096-82-5	Aroclor 1260 (PCB)	ND		210	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		210	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		210	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006029-02OS

Date Collected:	5/31/2000	Test Code:	SBNA
Date Extracted:	6/9/2000 by tm-1184	Test Name:	BNA - Sediment
Date Analyzed:	6/15/2000 by GRINWISS	Sample ID:	RV08-30-90
Total Solids:	48%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		690	1
108-95-2	Phenol	ND		690	1
111-44-4	Bis(2-chloroethyl)ether	ND		210	1
95-57-8	2-Chlorophenol	ND		690	1
541-73-1	1,3-Dichlorobenzene	ND		210	1
106-46-7	1,4-Dichlorobenzene	ND		210	1
95-50-1	1,2-Dichlorobenzene	ND		210	1
95-48-7	2-Methylphenol (o-cresol)	ND		690	1
108-60-1	Bis(2-chloroisopropyl)ether	ND		210	1
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		1400	1
621-64-7	N-Nitrosodi-n-propylamine	ND		420	1
67-72-1	Hexachloroethane	ND		210	1
98-95-3	Nitrobenzene	ND		420	1
78-59-1	Isophorone	ND		210	1
88-75-5	2-Nitrophenol	ND		690	1
105-67-9	2,4-Dimethylphenol	ND		690	1
111-91-1	Bis(2-chloroethoxy)methane	ND		420	1
120-83-2	2,4-Dichlorophenol	ND		690	1
120-82-1	1,2,4-Trichlorobenzene	ND		420	1
91-20-3	Naphthalene	240		210	1
87-68-3	Hexachlorobutadiene	ND		420	1
59-50-7	4-Chloro-3-methylphenol	ND		690	1
91-57-6	2-Methylnaphthalene	ND		520	1
77-47-4	Hexachlorocyclopentadiene	ND		4200	1
88-06-2	2,4,6-Trichlorophenol	ND		690	1
95-95-4	2,4,5-Trichlorophenol	ND		690	1
91-58-7	2-Chloronaphthalene	ND		420	1
88-74-4	2-Nitroaniline	ND		3500	1
208-96-8	Acenaphthylene	ND		210	1
131-11-3	Dimethyl phthalate	ND		420	1
606-20-2	2,6-Dinitrotoluene	ND		690	1
99-09-2	3-Nitroaniline	ND		3500	1
83-32-9	Acenaphthene	ND		210	1
51-28-5	2,4-Dinitrophenol	ND		3500	1
132-64-9	Dibenzofuran	ND		690	1
100-02-7	4-Nitrophenol	ND		3500	1

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		690	1
86-73-7	Fluorene	ND		210	1
84-66-2	Diethyl phthalate	ND		210	1
100-01-6	4-Nitroaniline	ND		3500	1
534-52-1	2-Methyl-4,6-dinitrophenol	ND		3500	1
7005-72-3	4-Chlorophenyl phenylether	ND		210	1
156-10-5	N-Nitrosodiphenylamine	ND		420	1
103-33-3	Azobenzene	ND		420	1
101-55-3	4-Bromophenyl phenylether	ND		420	1
118-74-1	Hexachlorobenzene	ND		420	1
87-86-5	Pentachlorophenol	ND		7100	1
85-01-8	Phenanthrene	550		210	1
120-12-7	Anthracene	160	T	210	1
86-74-8	Carbazole	ND		690	1
84-74-2	Di-n-butyl phthalate	ND		210	1
206-44-0	Fluoranthene	820		210	1
129-00-0	Pyrene	620		210	1
85-68-7	Butyl benzyl phthalate	ND		210	1
56-55-3	Benz(a)anthracene	340		210	1
218-01-9	Chrysene	410		210	1
117-81-7	Bis(2-ethylhexyl)phthalate	1600		420	1
117-84-0	Di-n-octyl phthalate	ND		420	1
205-99-2	Benzo(b)fluoranthene	ND		420	1
207-08-9	Benzo(k)fluoranthene	ND		420	1
50-32-8	Benzo(a)pyrene	ND		420	1
193-39-5	Indeno(1,2,3-cd)pyrene	ND		420	1
53-70-3	Dibenz(a,h)anthracene	ND		420	1
191-24-2	Benzo(g,h,i)perylene	ND		420	1

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006029-02OS

Date Collected:	5/31/2000	Test Code:	SPCB
Date Extracted:	6/8/2000 by tm-1183	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	RV08-30-90
Total Solids:	48%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		210	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		210	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		210	1.0
53469-21-9	Aroclor 1242 (PCB)	ND		210	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		210	1.0
11097-69-1	Aroclor 1254 (PCB)	460		210	1.0
11096-82-5	Aroclor 1260 (PCB)	370		210	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		210	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		210	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006029-03OS

Date Collected:	5/31/2000	Test Code:	SBNA
Date Extracted:	6/9/2000 by tm-1184	Test Name:	BNA - Sediment
Date Analyzed:	6/19/2000 by JRS	Sample ID:	RV08-90-150
Total Solids:	56%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		5900	10
108-95-2	Phenol	ND		5900	10
111-44-4	Bis(2-chloroethyl)ether	ND		1800	10
95-57-8	2-Chlorophenol	ND		5900	10
541-73-1	1,3-Dichlorobenzene	ND		1800	10
106-46-7	1,4-Dichlorobenzene	ND		1800	10
95-50-1	1,2-Dichlorobenzene	ND		1800	10
95-48-7	2-Methylphenol (o-cresol)	ND		5900	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		1800	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		12000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		3600	10
67-72-1	Hexachloroethane	ND		1800	10
98-95-3	Nitrobenzene	ND		3600	10
78-59-1	Isophorone	ND		1800	10
88-75-5	2-Nitrophenol	ND		5900	10
105-67-9	2,4-Dimethylphenol	ND		5900	10
111-91-1	Bis(2-chloroethoxy)methane	ND		3600	10
120-83-2	2,4-Dichlorophenol	ND		5900	10
120-82-1	1,2,4-Trichlorobenzene	ND		3600	10
91-20-3	Naphthalene	ND		1800	10
87-68-3	Hexachlorobutadiene	ND		3600	10
59-50-7	4-Chloro-3-methylphenol	ND		5900	10
91-57-6	2-Methylnaphthalene	ND		4500	10
77-47-4	Hexachlorocyclopentadiene	ND		36000	10
88-06-2	2,4,6-Trichlorophenol	ND		5900	10
95-95-4	2,4,5-Trichlorophenol	ND		5900	10
91-58-7	2-Chloronaphthalene	ND		3600	10
88-74-4	2-Nitroaniline	ND		30000	10
208-96-8	Acenaphthylene	ND		1800	10
131-11-3	Dimethyl phthalate	ND		3600	10
606-20-2	2,6-Dinitrotoluene	ND		5900	10
99-09-2	3-Nitroaniline	ND		30000	10
83-32-9	Acenaphthene	ND		1800	10
51-28-5	2,4-Dinitrophenol	ND		30000	10
132-64-9	Dibenzofuran	ND		5900	10
100-02-7	4-Nitrophenol	ND		30000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		5900	10
86-73-7	Fluorene	ND		1800	10
84-66-2	Diethyl phthalate	ND		1800	10
100-01-6	4-Nitroaniline	ND		30000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		30000	10
7005-72-3	4-Chlorophenyl phenylether	ND		1800	10
156-10-5	N-Nitrosodiphenylamine	ND		3600	10
103-33-3	Azobenzene	ND		3600	10
101-55-3	4-Bromophenyl phenylether	ND		3600	10
118-74-1	Hexachlorobenzene	ND		3600	10
87-86-5	Pentachlorophenol	ND		61000	10
85-01-8	Phenanthrene	1500	T	1800	10
120-12-7	Anthracene	ND		1800	10
86-74-8	Carbazole	ND		5900	10
84-74-2	Di-n-butyl phthalate	ND		1800	10
206-44-0	Fluoranthene	1800		1800	10
129-00-0	Pyrene	1600	T	1800	10
85-68-7	Butyl benzyl phthalate	ND		1800	10
56-55-3	Benz(a)anthracene	ND		1800	10
218-01-9	Chrysene	ND		1800	10
117-81-7	Bis(2-ethylhexyl)phthalate	10000		3600	10
117-84-0	Di-n-octyl phthalate	ND		3600	10
205-99-2	Benzo(b)fluoranthene	ND		3600	10
207-08-9	Benzo(k)fluoranthene	ND		3600	10
50-32-8	Benzo(a)pyrene	ND		3600	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		3600	10
53-70-3	Dibenz(a,h)anthracene	ND		3600	10
191-24-2	Benzo(g,h,i)perylene	ND		3600	10

The elevated reporting limits are due to matrix interferences.

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006029-03OS

Date Collected:	5/31/2000	Test Code:	SPCB
Date Extracted:	6/8/2000 by tm-1183	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	RV08-90-150
Total Solids:	56%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		180	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		180	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		180	1.0
53469-21-9	Aroclor 1242 (PCB)	240		180	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		180	1.0
11097-69-1	Aroclor 1254 (PCB)	ND		180	1.0
11096-82-5	Aroclor 1260 (PCB)	740		180	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		180	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		180	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns
AR 1254 probably present, but could not be quantitated in this sample

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006029-04OS

Date Collected:	5/31/2000	Test Code:	SBNA
Date Extracted:	6/9/2000 by tm-1184	Test Name:	BNA - Sediment
Date Analyzed:	6/20/2000 by JRS	Sample ID:	RV08-150-B
Total Solids:	50%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		6600	10
108-95-2	Phenol	ND		6600	10
111-44-4	Bis(2-chloroethyl)ether	ND		2000	10
95-57-8	2-Chlorophenol	ND		6600	10
541-73-1	1,3-Dichlorobenzene	ND		2000	10
106-46-7	1,4-Dichlorobenzene	ND		2000	10
95-50-1	1,2-Dichlorobenzene	ND		2000	10
95-48-7	2-Methylphenol (o-cresol)	ND		6600	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		2000	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		13000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		4000	10
67-72-1	Hexachloroethane	ND		2000	10
98-95-3	Nitrobenzene	ND		4000	10
78-59-1	Isophorone	ND		2000	10
88-75-5	2-Nitrophenol	ND		6600	10
105-67-9	2,4-Dimethylphenol	ND		6600	10
111-91-1	Bis(2-chloroethoxy)methane	ND		4000	10
120-83-2	2,4-Dichlorophenol	ND		6600	10
120-82-1	1,2,4-Trichlorobenzene	ND		4000	10
91-20-3	Naphthalene	ND		2000	10
87-68-3	Hexachlorobutadiene	ND		4000	10
59-50-7	4-Chloro-3-methylphenol	ND		6600	10
91-57-6	2-Methylnaphthalene	ND		5000	10
77-47-4	Hexachlorocyclopentadiene	ND		40000	10
88-06-2	2,4,6-Trichlorophenol	ND		6600	10
95-95-4	2,4,5-Trichlorophenol	ND		6600	10
91-58-7	2-Chloronaphthalene	ND		4000	10
88-74-4	2-Nitroaniline	ND		34000	10
208-96-8	Acenaphthylene	ND		2000	10
131-11-3	Dimethyl phthalate	ND		4000	10
606-20-2	2,6-Dinitrotoluene	ND		6600	10
99-09-2	3-Nitroaniline	ND		34000	10
83-32-9	Acenaphthene	ND		2000	10
51-28-5	2,4-Dinitrophenol	ND		34000	10
132-64-9	Dibenzofuran	ND		6600	10
100-02-7	4-Nitrophenol	ND		34000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		6600	10
86-73-7	Fluorene	ND		2000	10
84-66-2	Diethyl phthalate	ND		2000	10
100-01-6	4-Nitroaniline	ND		34000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		34000	10
7005-72-3	4-Chlorophenyl phenylether	ND		2000	10
156-10-5	N-Nitrosodiphenylamine	ND		4000	10
103-33-3	Azobenzene	ND		4000	10
101-55-3	4-Bromophenyl phenylether	ND		4000	10
118-74-1	Hexachlorobenzene	ND		4000	10
87-86-5	Pentachlorophenol	ND		68000	10
85-01-8	Phenanthrene	1600	T	2000	10
120-12-7	Anthracene	ND		2000	10
86-74-8	Carbazole	ND		6600	10
84-74-2	Di-n-butyl phthalate	ND		2000	10
206-44-0	Fluoranthene	1900	T	2000	10
129-00-0	Pyrene	1600	T	2000	10
85-68-7	Butyl benzyl phthalate	ND		2000	10
56-55-3	Benz(a)anthracene	ND		2000	10
218-01-9	Chrysene	ND		2000	10
117-81-7	Bis(2-ethylhexyl)phthalate	17000		4000	10
117-84-0	Di-n-octyl phthalate	ND		4000	10
205-99-2	Benzo(b)fluoranthene	ND		4000	10
207-08-9	Benzo(k)fluoranthene	ND		4000	10
50-32-8	Benzo(a)pyrene	ND		4000	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		4000	10
53-70-3	Dibenz(a,h)anthracene	ND		4000	10
191-24-2	Benzo(g,h,i)perylene	ND		4000	10

The elevated reporting limits are due to matrix interferences.

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006029-04OS

Date Collected:	5/31/2000	Test Code:	SPCB
Date Extracted:	6/8/2000 by tm-1183	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	RV08-150-B
Total Solids:	50%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		200	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		200	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		200	1.0
53469-21-9	Aroclor 1242 (PCB)	420		200	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		200	1.0
11097-69-1	Aroclor 1254 (PCB)	ND		200	1.0
11096-82-5	Aroclor 1260 (PCB)	930		200	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		200	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		200	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns
AR 1254 probably present, but could not be quantitated in this sample
LH due to low surrogate recovery

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006029-05OS

Date Collected:	5/31/2000	Test Code:	SBNA
Date Extracted:	6/9/2000 by tm-1184	Test Name:	BNA - Sediment
Date Analyzed:	6/21/2000 by JRS	Sample ID:	RV11-00-30
Total Solids:	44%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		7500	10
108-95-2	Phenol	ND		7500	10
111-44-4	Bis(2-chloroethyl)ether	ND		2300	10
95-57-8	2-Chlorophenol	ND		7500	10
541-73-1	1,3-Dichlorobenzene	ND		2300	10
106-46-7	1,4-Dichlorobenzene	ND		2300	10
95-50-1	1,2-Dichlorobenzene	ND		2300	10
95-48-7	2-Methylphenol (o-cresol)	ND		7500	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		2300	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		15000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		4500	10
67-72-1	Hexachloroethane	ND		2300	10
98-95-3	Nitrobenzene	ND		4500	10
78-59-1	Isophorone	ND		2300	10
88-75-5	2-Nitrophenol	ND		7500	10
105-67-9	2,4-Dimethylphenol	ND		7500	10
111-91-1	Bis(2-chloroethoxy)methane	ND		4500	10
120-83-2	2,4-Dichlorophenol	ND		7500	10
120-82-1	1,2,4-Trichlorobenzene	ND		4500	10
91-20-3	Naphthalene	ND		2300	10
87-68-3	Hexachlorobutadiene	ND		4500	10
59-50-7	4-Chloro-3-methylphenol	ND		7500	10
91-57-6	2-Methylnaphthalene	ND		5700	10
77-47-4	Hexachlorocyclopentadiene	ND		45000	10
88-06-2	2,4,6-Trichlorophenol	ND		7500	10
95-95-4	2,4,5-Trichlorophenol	ND		7500	10
91-58-7	2-Chloronaphthalene	ND		4500	10
88-74-4	2-Nitroaniline	ND		39000	10
208-96-8	Acenaphthylene	ND		2300	10
131-11-3	Dimethyl phthalate	ND		4500	10
606-20-2	2,6-Dinitrotoluene	ND		7500	10
99-09-2	3-Nitroaniline	ND		39000	10
83-32-9	Acenaphthene	ND		2300	10
51-28-5	2,4-Dinitrophenol	ND		39000	10
132-64-9	Dibenzofuran	ND		7500	10
100-02-7	4-Nitrophenol	ND		39000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		7500	10
86-73-7	Fluorene	ND		2300	10
84-66-2	Diethyl phthalate	ND		2300	10
100-01-6	4-Nitroaniline	ND		39000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		39000	10
7005-72-3	4-Chlorophenyl phenylether	ND		2300	10
156-10-5	N-Nitrosodiphenylamine	ND		4500	10
103-33-3	Azobenzene	ND		4500	10
101-55-3	4-Bromophenyl phenylether	ND		4500	10
118-74-1	Hexachlorobenzene	ND		4500	10
87-86-5	Pentachlorophenol	ND		77000	10
85-01-8	Phenanthrene	ND		2300	10
120-12-7	Anthracene	ND		2300	10
86-74-8	Carbazole	ND		7500	10
84-74-2	Di-n-butyl phthalate	ND		2300	10
206-44-0	Fluoranthene	ND		2300	10
129-00-0	Pyrene	ND		2300	10
85-68-7	Butyl benzyl phthalate	ND		2300	10
56-55-3	Benz(a)anthracene	ND		2300	10
218-01-9	Chrysene	ND		2300	10
117-81-7	Bis(2-ethylhexyl)phthalate	7100		4500	10
117-84-0	Di-n-octyl phthalate	ND		4500	10
205-99-2	Benzo(b)fluoranthene	ND		4500	10
207-08-9	Benzo(k)fluoranthene	ND		4500	10
50-32-8	Benzo(a)pyrene	ND		4500	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		4500	10
53-70-3	Dibenz(a,h)anthracene	ND		4500	10
191-24-2	Benzo(g,h,i)perylene	ND		4500	10

The elevated reporting limits are due to matrix interferences.

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006029-05OS

Date Collected:	5/31/2000	Test Code:	SPCB
Date Extracted:	6/8/2000 by tm-1183	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	RV11-00-30
Total Solids:	44%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		230	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		230	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		230	1.0
53469-21-9	Aroclor 1242 (PCB)	300		230	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		230	1.0
11097-69-1	Aroclor 1254 (PCB)	670		230	1.0
11096-82-5	Aroclor 1260 (PCB)	630		230	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		230	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		230	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006029-06OS

Date Collected:	5/31/2000	Test Code:	SBNA
Date Extracted:	6/9/2000 by tm-1184	Test Name:	BNA - Sediment
Date Analyzed:	6/21/2000 by GRINWISS	Sample ID:	RV11-30-90
Total Solids:	45%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		7300	10
108-95-2	Phenol	ND		7300	10
111-44-4	Bis(2-chloroethyl)ether	ND		2200	10
95-57-8	2-Chlorophenol	ND		7300	10
541-73-1	1,3-Dichlorobenzene	ND		2200	10
106-46-7	1,4-Dichlorobenzene	ND		2200	10
95-50-1	1,2-Dichlorobenzene	ND		2200	10
95-48-7	2-Methylphenol (o-cresol)	ND		7300	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		2200	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		15000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		4400	10
67-72-1	Hexachloroethane	ND		2200	10
98-95-3	Nitrobenzene	ND		4400	10
78-59-1	Isophorone	ND		2200	10
88-75-5	2-Nitrophenol	ND		7300	10
105-67-9	2,4-Dimethylphenol	ND		7300	10
111-91-1	Bis(2-chloroethoxy)methane	ND		4400	10
120-83-2	2,4-Dichlorophenol	ND		7300	10
120-82-1	1,2,4-Trichlorobenzene	ND		4400	10
91-20-3	Naphthalene	ND		2200	10
87-68-3	Hexachlorobutadiene	ND		4400	10
59-50-7	4-Chloro-3-methylphenol	ND		7300	10
91-57-6	2-Methylnaphthalene	ND		5600	10
77-47-4	Hexachlorocyclopentadiene	ND		44000	10
88-06-2	2,4,6-Trichlorophenol	ND		7300	10
95-95-4	2,4,5-Trichlorophenol	ND		7300	10
91-58-7	2-Chloronaphthalene	ND		4400	10
88-74-4	2-Nitroaniline	ND		38000	10
208-96-8	Acenaphthylene	ND		2200	10
131-11-3	Dimethyl phthalate	ND		4400	10
606-20-2	2,6-Dinitrotoluene	ND		7300	10
99-09-2	3-Nitroaniline	ND		38000	10
83-32-9	Acenaphthene	ND		2200	10
51-28-5	2,4-Dinitrophenol	ND		38000	10
132-64-9	Dibenzofuran	ND		7300	10
100-02-7	4-Nitrophenol	ND		38000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		7300	10
86-73-7	Fluorene	ND		2200	10
84-66-2	Diethyl phthalate	ND		2200	10
100-01-6	4-Nitroaniline	ND		38000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		38000	10
7005-72-3	4-Chlorophenyl phenylether	ND		2200	10
156-10-5	N-Nitrosodiphenylamine	ND		4400	10
103-33-3	Azobenzene	ND		4400	10
101-55-3	4-Bromophenyl phenylether	ND		4400	10
118-74-1	Hexachlorobenzene	ND		4400	10
87-86-5	Pentachlorophenol	ND		76000	10
85-01-8	Phenanthrene	1100	T	2200	10
120-12-7	Anthracene	ND		2200	10
86-74-8	Carbazole	ND		7300	10
84-74-2	Di-n-butyl phthalate	ND		2200	10
206-44-0	Fluoranthene	1100	T	2200	10
129-00-0	Pyrene	1000	T	2200	10
85-68-7	Butyl benzyl phthalate	ND		2200	10
56-55-3	Benz(a)anthracene	ND		2200	10
218-01-9	Chrysene	ND		2200	10
117-81-7	Bis(2-ethylhexyl)phthalate	8100	BLK=192	4400	10
117-84-0	Di-n-octyl phthalate	ND		4400	10
205-99-2	Benzo(b)fluoranthene	ND		4400	10
207-08-9	Benzo(k)fluoranthene	ND		4400	10
50-32-8	Benzo(a)pyrene	ND		4400	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		4400	10
53-70-3	Dibenz(a,h)anthracene	ND		4400	10
191-24-2	Benzo(g,h,i)perylene	ND		4400	10

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

Reporting limits elevated due to matrix interference.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006029-06OS

Date Collected:	5/31/2000	Test Code:	SPCB
Date Extracted:	6/8/2000 by tm-1183	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	RV11-30-90
Total Solids:	45%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		220	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		220	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		220	1.0
53469-21-9	Aroclor 1242 (PCB)	1200		220	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		220	1.0
11097-69-1	Aroclor 1254 (PCB)	1000		220	1.0
11096-82-5	Aroclor 1260 (PCB)	560		220	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		220	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		220	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns
LH due to low surrogate recovery

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006029-07OS

Date Collected:	5/31/2000	Test Code:	SBNA
Date Extracted:	6/9/2000 by tm-1184	Test Name:	BNA - Sediment
Date Analyzed:	6/21/2000 by GRINWISS	Sample ID:	RV11-90-150
Total Solids:	48%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		6900	10
108-95-2	Phenol	ND		6900	10
111-44-4	Bis(2-chloroethyl)ether	ND		2100	10
95-57-8	2-Chlorophenol	ND		6900	10
541-73-1	1,3-Dichlorobenzene	ND		2100	10
106-46-7	1,4-Dichlorobenzene	ND		2100	10
95-50-1	1,2-Dichlorobenzene	ND		2100	10
95-48-7	2-Methylphenol (o-cresol)	ND		6900	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		2100	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		14000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		4200	10
67-72-1	Hexachloroethane	ND		2100	10
98-95-3	Nitrobenzene	ND		4200	10
78-59-1	Isophorone	ND		2100	10
88-75-5	2-Nitrophenol	ND		6900	10
105-67-9	2,4-Dimethylphenol	ND		6900	10
111-91-1	Bis(2-chloroethoxy)methane	ND		4200	10
120-83-2	2,4-Dichlorophenol	ND		6900	10
120-82-1	1,2,4-Trichlorobenzene	ND		4200	10
91-20-3	Naphthalene	ND		2100	10
87-68-3	Hexachlorobutadiene	ND		4200	10
59-50-7	4-Chloro-3-methylphenol	ND		6900	10
91-57-6	2-Methylnaphthalene	ND		5200	10
77-47-4	Hexachlorocyclopentadiene	ND		42000	10
88-06-2	2,4,6-Trichlorophenol	ND		6900	10
95-95-4	2,4,5-Trichlorophenol	ND		6900	10
91-58-7	2-Chloronaphthalene	ND		4200	10
88-74-4	2-Nitroaniline	ND		35000	10
208-96-8	Acenaphthylene	ND		2100	10
131-11-3	Dimethyl phthalate	ND		4200	10
606-20-2	2,6-Dinitrotoluene	ND		6900	10
99-09-2	3-Nitroaniline	ND		35000	10
83-32-9	Acenaphthene	ND		2100	10
51-28-5	2,4-Dinitrophenol	ND		35000	10
132-64-9	Dibenzofuran	ND		6900	10
100-02-7	4-Nitrophenol	ND		35000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		6900	10
86-73-7	Fluorene	ND		2100	10
84-66-2	Diethyl phthalate	ND		2100	10
100-01-6	4-Nitroaniline	ND		35000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		35000	10
7005-72-3	4-Chlorophenyl phenylether	ND		2100	10
156-10-5	N-Nitrosodiphenylamine	ND		4200	10
103-33-3	Azobenzene	ND		4200	10
101-55-3	4-Bromophenyl phenylether	ND		4200	10
118-74-1	Hexachlorobenzene	ND		4200	10
87-86-5	Pentachlorophenol	ND		71000	10
85-01-8	Phenanthrene	850	T	2100	10
120-12-7	Anthracene	ND		2100	10
86-74-8	Carbazole	ND		6900	10
84-74-2	Di-n-butyl phthalate	ND		2100	10
206-44-0	Fluoranthene	730	T	2100	10
129-00-0	Pyrene	820	T	2100	10
85-68-7	Butyl benzyl phthalate	ND		2100	10
56-55-3	Benz(a)anthracene	ND		2100	10
218-01-9	Chrysene	ND		2100	10
117-81-7	Bis(2-ethylhexyl)phthalate	4200	BLK=192	4200	10
117-84-0	Di-n-octyl phthalate	ND		4200	10
205-99-2	Benzo(b)fluoranthene	ND		4200	10
207-08-9	Benzo(k)fluoranthene	ND		4200	10
50-32-8	Benzo(a)pyrene	ND		4200	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		4200	10
53-70-3	Dibenz(a,h)anthracene	ND		4200	10
191-24-2	Benzo(g,h,i)perylene	ND		4200	10

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

Reporting limits elevated due to matrix interference.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006029-07OS

Date Collected:	5/31/2000	Test Code:	SPCB
Date Extracted:	6/8/2000 by tm-1183	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	RV11-90-150
Total Solids:	48%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		210	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		210	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		210	1.0
53469-21-9	Aroclor 1242 (PCB)	4900		210	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		210	1.0
11097-69-1	Aroclor 1254 (PCB)	5000		210	1.0
11096-82-5	Aroclor 1260 (PCB)	1200		210	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		210	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		210	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006029-08OS

Date Collected:	5/31/2000	Test Code:	SBNA
Date Extracted:	6/9/2000 by tm-1184	Test Name:	BNA - Sediment
Date Analyzed:	6/21/2000 by GRINWISS	Sample ID:	RV11-150-B
Total Solids:	50%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		6600	10
108-95-2	Phenol	ND		6600	10
111-44-4	Bis(2-chloroethyl)ether	ND		2000	10
95-57-8	2-Chlorophenol	ND		6600	10
541-73-1	1,3-Dichlorobenzene	ND		2000	10
106-46-7	1,4-Dichlorobenzene	ND		2000	10
95-50-1	1,2-Dichlorobenzene	ND		2000	10
95-48-7	2-Methylphenol (o-cresol)	ND		6600	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		2000	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		13000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		4000	10
67-72-1	Hexachloroethane	ND		2000	10
98-95-3	Nitrobenzene	ND		4000	10
78-59-1	Isophorone	ND		2000	10
88-75-5	2-Nitrophenol	ND		6600	10
105-67-9	2,4-Dimethylphenol	ND		6600	10
111-91-1	Bis(2-chloroethoxy)methane	ND		4000	10
120-83-2	2,4-Dichlorophenol	ND		6600	10
120-82-1	1,2,4-Trichlorobenzene	ND		4000	10
91-20-3	Naphthalene	750	T	2000	10
87-68-3	Hexachlorobutadiene	ND		4000	10
59-50-7	4-Chloro-3-methylphenol	ND		6600	10
91-57-6	2-Methylnaphthalene	880	T	5000	10
77-47-4	Hexachlorocyclopentadiene	ND		40000	10
88-06-2	2,4,6-Trichlorophenol	ND		6600	10
95-95-4	2,4,5-Trichlorophenol	ND		6600	10
91-58-7	2-Chloronaphthalene	ND		4000	10
88-74-4	2-Nitroaniline	ND		34000	10
208-96-8	Acenaphthylene	ND		2000	10
131-11-3	Dimethyl phthalate	ND		4000	10
606-20-2	2,6-Dinitrotoluene	ND		6600	10
99-09-2	3-Nitroaniline	ND		34000	10
83-32-9	Acenaphthene	ND		2000	10
51-28-5	2,4-Dinitrophenol	ND		34000	10
132-64-9	Dibenzofuran	ND		6600	10
100-02-7	4-Nitrophenol	ND		34000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		6600	10
86-73-7	Fluorene	ND		2000	10
84-66-2	Diethyl phthalate	ND		2000	10
100-01-6	4-Nitroaniline	ND		34000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		34000	10
7005-72-3	4-Chlorophenyl phenylether	ND		2000	10
156-10-5	N-Nitrosodiphenylamine	ND		4000	10
103-33-3	Azobenzene	ND		4000	10
101-55-3	4-Bromophenyl phenylether	ND		4000	10
118-74-1	Hexachlorobenzene	ND		4000	10
87-86-5	Pentachlorophenol	ND		68000	10
85-01-8	Phenanthrene	1600	T	2000	10
120-12-7	Anthracene	ND		2000	10
86-74-8	Carbazole	ND		6600	10
84-74-2	Di-n-butyl phthalate	ND		2000	10
206-44-0	Fluoranthene	1100	T	2000	10
129-00-0	Pyrene	1200	T	2000	10
85-68-7	Butyl benzyl phthalate	ND		2000	10
56-55-3	Benz(a)anthracene	ND		2000	10
218-01-9	Chrysene	ND		2000	10
117-81-7	Bis(2-ethylhexyl)phthalate	4000	BLK=192	4000	10
117-84-0	Di-n-octyl phthalate	ND		4000	10
205-99-2	Benzo(b)fluoranthene	ND		4000	10
207-08-9	Benzo(k)fluoranthene	ND		4000	10
50-32-8	Benzo(a)pyrene	ND		4000	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		4000	10
53-70-3	Dibenz(a,h)anthracene	ND		4000	10
191-24-2	Benzo(g,h,i)perylene	ND		4000	10

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

Reporting limits elevated due to matrix interference.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006029-08OS

Date Collected:	5/31/2000	Test Code:	SPCB
Date Extracted:	6/8/2000 by tm-1183	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	RV11-150-B
Total Solids:	50%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		200	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		200	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		200	1.0
53469-21-9	Aroclor 1242 (PCB)	4100		200	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		200	1.0
11097-69-1	Aroclor 1254 (PCB)	5200		200	1.0
11096-82-5	Aroclor 1260 (PCB)	1400		200	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		200	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		200	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006029-09OS

Date Collected:	5/31/2000	Test Code:	SBNA
Date Extracted:	6/9/2000 by tm-1184	Test Name:	BNA - Sediment
Date Analyzed:	6/21/2000 by GRINWISS	Sample ID:	RV12-00-30
Total Solids:	46%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		7200	10
108-95-2	Phenol	ND		7200	10
111-44-4	Bis(2-chloroethyl)ether	ND		2200	10
95-57-8	2-Chlorophenol	ND		7200	10
541-73-1	1,3-Dichlorobenzene	ND		2200	10
106-46-7	1,4-Dichlorobenzene	ND		2200	10
95-50-1	1,2-Dichlorobenzene	ND		2200	10
95-48-7	2-Methylphenol (o-cresol)	ND		7200	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		2200	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		14000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		4300	10
67-72-1	Hexachloroethane	ND		2200	10
98-95-3	Nitrobenzene	ND		4300	10
78-59-1	Isophorone	ND		2200	10
88-75-5	2-Nitrophenol	ND		7200	10
105-67-9	2,4-Dimethylphenol	ND		7200	10
111-91-1	Bis(2-chloroethoxy)methane	ND		4300	10
120-83-2	2,4-Dichlorophenol	ND		7200	10
120-82-1	1,2,4-Trichlorobenzene	ND		4300	10
91-20-3	Naphthalene	ND		2200	10
87-68-3	Hexachlorobutadiene	ND		4300	10
59-50-7	4-Chloro-3-methylphenol	ND		7200	10
91-57-6	2-Methylnaphthalene	ND		5400	10
77-47-4	Hexachlorocyclopentadiene	ND		43000	10
88-06-2	2,4,6-Trichlorophenol	ND		7200	10
95-95-4	2,4,5-Trichlorophenol	ND		7200	10
91-58-7	2-Chloronaphthalene	ND		4300	10
88-74-4	2-Nitroaniline	ND		37000	10
208-96-8	Acenaphthylene	ND		2200	10
131-11-3	Dimethyl phthalate	ND		4300	10
606-20-2	2,6-Dinitrotoluene	ND		7200	10
99-09-2	3-Nitroaniline	ND		37000	10
83-32-9	Acenaphthene	ND		2200	10
51-28-5	2,4-Dinitrophenol	ND		37000	10
132-64-9	Dibenzofuran	ND		7200	10
100-02-7	4-Nitrophenol	ND		37000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		7200	10
86-73-7	Fluorene	ND		2200	10
84-66-2	Diethyl phthalate	ND		2200	10
100-01-6	4-Nitroaniline	ND		37000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		37000	10
7005-72-3	4-Chlorophenyl phenylether	ND		2200	10
156-10-5	N-Nitrosodiphenylamine	ND		4300	10
103-33-3	Azobenzene	ND		4300	10
101-55-3	4-Bromophenyl phenylether	ND		4300	10
118-74-1	Hexachlorobenzene	ND		4300	10
87-86-5	Pentachlorophenol	ND		74000	10
85-01-8	Phenanthrene	780	T	2200	10
120-12-7	Anthracene	ND		2200	10
86-74-8	Carbazole	ND		7200	10
84-74-2	Di-n-butyl phthalate	ND		2200	10
206-44-0	Fluoranthene	760	T	2200	10
129-00-0	Pyrene	850	T	2200	10
85-68-7	Butyl benzyl phthalate	ND		2200	10
56-55-3	Benz(a)anthracene	ND		2200	10
218-01-9	Chrysene	ND		2200	10
117-81-7	Bis(2-ethylhexyl)phthalate	ND		4300	10
117-84-0	Di-n-octyl phthalate	ND		4300	10
205-99-2	Benzo(b)fluoranthene	ND		4300	10
207-08-9	Benzo(k)fluoranthene	ND		4300	10
50-32-8	Benzo(a)pyrene	ND		4300	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		4300	10
53-70-3	Dibenz(a,h)anthracene	ND		4300	10
191-24-2	Benzo(g,h,i)perylene	ND		4300	10

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

Reporting limits elevated due to matrix interference.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006029-09OS

Date Collected:	5/31/2000	Test Code:	SPCB
Date Extracted:	6/8/2000 by tm-1183	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	RV12-00-30
Total Solids:	46%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		220	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		220	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		220	1.0
53469-21-9	Aroclor 1242 (PCB)	2500		220	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		220	1.0
11097-69-1	Aroclor 1254 (PCB)	6000		220	1.0
11096-82-5	Aroclor 1260 (PCB)	1100		220	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		220	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		220	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006029-10OS

Date Collected:	5/31/2000	Test Code:	SBNA
Date Extracted:	6/9/2000 by tm-1184	Test Name:	BNA - Sediment
Date Analyzed:	6/21/2000 by GRINWISS	Sample ID:	RV12-30-90
Total Solids:	50%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		6600	10
108-95-2	Phenol	ND		6600	10
111-44-4	Bis(2-chloroethyl)ether	ND		2000	10
95-57-8	2-Chlorophenol	ND		6600	10
541-73-1	1,3-Dichlorobenzene	ND		2000	10
106-46-7	1,4-Dichlorobenzene	ND		2000	10
95-50-1	1,2-Dichlorobenzene	ND		2000	10
95-48-7	2-Methylphenol (o-cresol)	ND		6600	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		2000	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		13000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		4000	10
67-72-1	Hexachloroethane	ND		2000	10
98-95-3	Nitrobenzene	ND		4000	10
78-59-1	Isophorone	ND		2000	10
88-75-5	2-Nitrophenol	ND		6600	10
105-67-9	2,4-Dimethylphenol	ND		6600	10
111-91-1	Bis(2-chloroethoxy)methane	ND		4000	10
120-83-2	2,4-Dichlorophenol	ND		6600	10
120-82-1	1,2,4-Trichlorobenzene	ND		4000	10
91-20-3	Naphthalene	ND		2000	10
87-68-3	Hexachlorobutadiene	ND		4000	10
59-50-7	4-Chloro-3-methylphenol	ND		6600	10
91-57-6	2-Methylnaphthalene	ND		5000	10
77-47-4	Hexachlorocyclopentadiene	ND		40000	10
88-06-2	2,4,6-Trichlorophenol	ND		6600	10
95-95-4	2,4,5-Trichlorophenol	ND		6600	10
91-58-7	2-Chloronaphthalene	ND		4000	10
88-74-4	2-Nitroaniline	ND		34000	10
208-96-8	Acenaphthylene	ND		2000	10
131-11-3	Dimethyl phthalate	ND		4000	10
606-20-2	2,6-Dinitrotoluene	ND		6600	10
99-09-2	3-Nitroaniline	ND		34000	10
83-32-9	Acenaphthene	ND		2000	10
51-28-5	2,4-Dinitrophenol	ND		34000	10
132-64-9	Dibenzofuran	ND		6600	10
100-02-7	4-Nitrophenol	ND		34000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		6600	10
86-73-7	Fluorene	ND		2000	10
84-66-2	Diethyl phthalate	ND		2000	10
100-01-6	4-Nitroaniline	ND		34000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		34000	10
7005-72-3	4-Chlorophenyl phenylether	ND		2000	10
156-10-5	N-Nitrosodiphenylamine	ND		4000	10
103-33-3	Azobenzene	ND		4000	10
101-55-3	4-Bromophenyl phenylether	ND		4000	10
118-74-1	Hexachlorobenzene	ND		4000	10
87-86-5	Pentachlorophenol	ND		68000	10
85-01-8	Phenanthrene	1300	T	2000	10
120-12-7	Anthracene	ND		2000	10
86-74-8	Carbazole	ND		6600	10
84-74-2	Di-n-butyl phthalate	ND		2000	10
206-44-0	Fluoranthene	1100	T	2000	10
129-00-0	Pyrene	1000	T	2000	10
85-68-7	Butyl benzyl phthalate	ND		2000	10
56-55-3	Benz(a)anthracene	ND		2000	10
218-01-9	Chrysene	ND		2000	10
117-81-7	Bis(2-ethylhexyl)phthalate	3900	T,BK=192	4000	10
117-84-0	Di-n-octyl phthalate	ND		4000	10
205-99-2	Benzo(b)fluoranthene	ND		4000	10
207-08-9	Benzo(k)fluoranthene	ND		4000	10
50-32-8	Benzo(a)pyrene	ND		4000	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		4000	10
53-70-3	Dibenz(a,h)anthracene	ND		4000	10
191-24-2	Benzo(g,h,i)perylene	ND		4000	10

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

Reporting limits elevated due to matrix interference.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006029-10OS

Date Collected:	5/31/2000	Test Code:	SPCB
Date Extracted:	6/8/2000 by tm-1183	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	RV12-30-90
Total Solids:	50%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		200	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		200	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		200	1.0
53469-21-9	Aroclor 1242 (PCB)	2700		200	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		200	1.0
11097-69-1	Aroclor 1254 (PCB)	2800		200	1.0
11096-82-5	Aroclor 1260 (PCB)	1300		200	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		200	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		200	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006029-11OS

Date Collected:	5/31/2000	Test Code:	SBNA
Date Extracted:	6/9/2000 by tm-1184	Test Name:	BNA - Sediment
Date Analyzed:	6/21/2000 by GRINWISS	Sample ID:	RV12-90-B
Total Solids:	52%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		6300	10
108-95-2	Phenol	ND		6300	10
111-44-4	Bis(2-chloroethyl)ether	ND		1900	10
95-57-8	2-Chlorophenol	ND		6300	10
541-73-1	1,3-Dichlorobenzene	ND		1900	10
106-46-7	1,4-Dichlorobenzene	ND		1900	10
95-50-1	1,2-Dichlorobenzene	ND		1900	10
95-48-7	2-Methylphenol (o-cresol)	ND		6300	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		1900	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		13000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		3800	10
67-72-1	Hexachloroethane	ND		1900	10
98-95-3	Nitrobenzene	ND		3800	10
78-59-1	Isophorone	ND		1900	10
88-75-5	2-Nitrophenol	ND		6300	10
105-67-9	2,4-Dimethylphenol	ND		6300	10
111-91-1	Bis(2-chloroethoxy)methane	ND		3800	10
120-83-2	2,4-Dichlorophenol	ND		6300	10
120-82-1	1,2,4-Trichlorobenzene	ND		3800	10
91-20-3	Naphthalene	ND		1900	10
87-68-3	Hexachlorobutadiene	ND		3800	10
59-50-7	4-Chloro-3-methylphenol	ND		6300	10
91-57-6	2-Methylnaphthalene	ND		4800	10
77-47-4	Hexachlorocyclopentadiene	ND		38000	10
88-06-2	2,4,6-Trichlorophenol	ND		6300	10
95-95-4	2,4,5-Trichlorophenol	ND		6300	10
91-58-7	2-Chloronaphthalene	ND		3800	10
88-74-4	2-Nitroaniline	ND		33000	10
208-96-8	Acenaphthylene	ND		1900	10
131-11-3	Dimethyl phthalate	ND		3800	10
606-20-2	2,6-Dinitrotoluene	ND		6300	10
99-09-2	3-Nitroaniline	ND		33000	10
83-32-9	Acenaphthene	ND		1900	10
51-28-5	2,4-Dinitrophenol	ND		33000	10
132-64-9	Dibenzofuran	ND		6300	10
100-02-7	4-Nitrophenol	ND		33000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		6300	10
86-73-7	Fluorene	ND		1900	10
84-66-2	Diethyl phthalate	ND		1900	10
100-01-6	4-Nitroaniline	ND		33000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		33000	10
7005-72-3	4-Chlorophenyl phenylether	ND		1900	10
156-10-5	N-Nitrosodiphenylamine	ND		3800	10
103-33-3	Azobenzene	ND		3800	10
101-55-3	4-Bromophenyl phenylether	ND		3800	10
118-74-1	Hexachlorobenzene	ND		3800	10
87-86-5	Pentachlorophenol	ND		65000	10
85-01-8	Phenanthrene	1300	T	1900	10
120-12-7	Anthracene	ND		1900	10
86-74-8	Carbazole	ND		6300	10
84-74-2	Di-n-butyl phthalate	ND		1900	10
206-44-0	Fluoranthene	1300	T	1900	10
129-00-0	Pyrene	1100	T	1900	10
85-68-7	Butyl benzyl phthalate	ND		1900	10
56-55-3	Benz(a)anthracene	ND		1900	10
218-01-9	Chrysene	ND		1900	10
117-81-7	Bis(2-ethylhexyl)phthalate	4300	BK=192	3800	10
117-84-0	Di-n-octyl phthalate	ND		3800	10
205-99-2	Benzo(b)fluoranthene	ND		3800	10
207-08-9	Benzo(k)fluoranthene	ND		3800	10
50-32-8	Benzo(a)pyrene	ND		3800	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		3800	10
53-70-3	Dibenz(a,h)anthracene	ND		3800	10
191-24-2	Benzo(g,h,i)perylene	ND		3800	10

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

Reporting limits elevated due to matrix interference.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006029-11OS

Date Collected:	5/31/2000	Test Code:	SPCB
Date Extracted:	6/8/2000 by tm-1183	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	RV12-90-B
Total Solids:	52%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		190	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		190	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		190	1.0
53469-21-9	Aroclor 1242 (PCB)	3000		190	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		190	1.0
11097-69-1	Aroclor 1254 (PCB)	2500		190	1.0
11096-82-5	Aroclor 1260 (PCB)	690		190	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		190	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		190	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns

DEQ

MICHIGAN DEPT. OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL LABORATORY
ANALYSIS REQUEST SHEET

LAB ORDER # 00-06-027

MATRIX=SEDIMENT/SOIL/SOLIDS

SUBMITTER DIVISION	DISTRICT OR OFFICE	MDEQ PROJECT MANAGER & PHONE	ACCEPT CODES? YES / NO
SWQ	Gleas	M. Oemke 5-4206	

LOCATION SAMPLED / SITE ID NUMBER: Trenton – Detroit R.

INDEX | PCA | PROJECT | PH

COLLECTED BY: M. Oemke

PHONE: ( ) 5-4206

ADDITIONAL REPORT TO ATTENTION OF

AT (ADDRESS) (If different than above office)

OVERFLOW CONTRACT LAB (Required for ERD)

****** SAFETY INFORMATION REQUIRED ******
SEE BACK OF FORM

LAB USE ONLY	SAMPLE IDENTIFICATION	SAMPLE COLLECTED DATE	TIME	COMMENTS
1	MC13-00-30	6/1		Surf - 30 cm
2	-30-B	"		30 - Bottom
3	MC14 -00-30	"		Surf - 30 cm
4	-30-90	"		30-90 cm
5	-90-B	"		90 - Bottom
6	MC15 -00-30	"		Surf - 30 cm
7	-30-90	"		30-90 cm
8	-90-B	"		90 cm - Bottom
9	MC16 - 00 - 30	"		Surf - 30 cm
10	MC16 - 30 - 90	6/1		30-90 cm

ORGANIC

VOA VOLATILES (MeOH/8260)

Full List	1 2 3 4 5 6 7 8 9 10
BTEX/MTBE only	1 2 3 4 5 6 7 8 9 10

OS PESTICIDES/PCBS (8081/8082)

Pesticides & PCBs	1 2 3 4 5 6 7 8 9 10
Pesticides only	1 2 3 4 5 6 7 8 9 10
PCBs only	1 2 3 4 5 6 7 8 9 10

BNA BASE NEUTRAL & ACIDS (8270)

BNAs	1 2 3 4 5 6 7 8 9 10
PNAs only	1 2 3 4 5 6 7 8 9 10
BNs only	1 2 3 4 5 6 7 8 9 10

SPECIAL REQUESTS

Library Search (Qualitative)

Volatiles	1 2 3 4 5 6 7 8 9 10
Semivolatiles	1 2 3 4 5 6 7 8 9 10

Other

_____	1 2 3 4 5 6 7 8 9 10

GENERAL CHEMISTRY

GS

COD	1 2 3 4 5 6 7 8 9 10
KJEL N, Tot. P	1 2 3 4 5 6 7 8 9 10
Phenolics	1 2 3 4 5 6 7 8 9 10
Total CN	1 2 3 4 5 6 7 8 9 10
_____	1 2 3 4 5 6 7 8 9 10
_____	1 2 3 4 5 6 7 8 9 10
_____	1 2 3 4 5 6 7 8 9 10

INORGANIC

MS

MICH TEN METALS (As, Ba, Cd, Cr, Cu, Pb, Hg, Se, Ag, Zn)	1 2 3 4 5 6 7 8 9 10
Fe Co Li Mn	1 2 3 4 5 6 7 8 9 10
Al Be Mo Ti V	1 2 3 4 5 6 7 8 9 10
Sr - Strontium	1 2 3 4 5 6 7 8 9 10
Ni - Nickel	1 2 3 4 5 6 7 8 9 10
Tl - Thallium	1 2 3 4 5 6 7 8 9 10
Ca Mg Na K	1 2 3 4 5 6 7 8 9 10
% Total Solids	1 2 3 4 5 6 7 8 9 10
_____	1 2 3 4 5 6 7 8 9 10
_____	1 2 3 4 5 6 7 8 9 10
_____	1 2 3 4 5 6 7 8 9 10

Chain-of-Custody	BOTTLE / TESTS	RELEASED BY / AFFILIATION	RECEIVED BY / AFFILIATION	DATE & TIME
		1) Mark Oemke DEQ	Bryan J. Lopausch DH	6-2-2000 11:02
		2)		

2

DEQ

MICHIGAN DEPT. OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL LABORATORY
ANALYSIS REQUEST SHEET

LAB ORDER # 00-06-027

MATRIX=SEDIMENT/SOIL/SOLIDS

SUBMITTER DIVISION	DISTRICT OR OFFICE	MDEQ PROJECT MANAGER & PHONE	ACCEPT HT CODES? YES NO
SWQ	GLEAS	M. Oemke 5-4206	

LOCATION SAMPLED / SITE ID NUMBER: Trenton – Detroit River

INDEX | PCA | PROJECT | PH

COLLECTED BY: M. Oemke

PHONE: ( ) 5-4206

ADDITIONAL REPORT TO ATTENTION OF

AT (ADDRESS) (If different than above office)

OVERFLOW CONTRACT LAB (Required for ERD)

****** SAFETY INFORMATION REQUIRED ******
SEE BACK OF FORM

LAB USE ONLY	SAMPLE IDENTIFICATION	SAMPLE COLLECTED DATE	TIME	COMMENTS
1	MC16-30-90 Dup	6/1		30-90 cm Duplicate
2	-90-150	"		90-150 cm
3	-150-210	"		150-210 cm
4	-210-B	"		210 - Bottom
5	MC17-00-30	"		surface -30 cm
6	-30-90	"		30-90 cm
7	-90-150	"		90-150 cm
8	-150-210	"		150-210 cm
9	-210-B	"		210 - Bottom
10	MC18-00-30	6/1		surface -30 cm

ORGANIC

VOA VOLATILES (MeOH/8260)
- Full List 1 2 3 4 5 6 7 8 9 10
- BTEX/MTBE only 1 2 3 4 5 6 7 8 9 10

OS PESTICIDES/PCBS (8081/8082)
- Pesticides & PCBs 1 2 3 4 5 6 7 8 9 10
- Pesticides only 1 2 3 4 5 6 7 8 9 10
- PCBs only 1 2 3 4 5 6 7 8 9 10

BNA BASE NEUTRAL & ACIDS (8270)
- BNAs 1 2 3 4 5 6 7 8 9 10
- PNAs only 1 2 3 4 5 6 7 8 9 10
- BNs only 1 2 3 4 5 6 7 8 9 10

SPECIAL REQUESTS
Library Search (Qualitative)
- Volatiles 1 2 3 4 5 6 7 8 9 10
- Semivolatiles 1 2 3 4 5 6 7 8 9 10

Other
- _____ 1 2 3 4 5 6 7 8 9 10

GENERAL CHEMISTRY

GS
- COD 1 2 3 4 5 6 7 8 9 10
- KJEL N, Tot. P 1 2 3 4 5 6 7 8 9 10
- Phenolics 1 2 3 4 5 6 7 8 9 10
- Total CN 1 2 3 4 5 6 7 8 9 10
- _____ 1 2 3 4 5 6 7 8 9 10
- _____ 1 2 3 4 5 6 7 8 9 10
- _____ 1 2 3 4 5 6 7 8 9 10

INORGANIC

MS
- MICH TEN METALS 1 2 3 4 5 6 7 8 9 10 (As, Ba, Cd, Cr, Cu, Pb, Hg, Se, Ag, Zn)
- Fe Co Li Mn 1 2 3 4 5 6 7 8 9 10
- Al Be Mo Ti V 1 2 3 4 5 6 7 8 9 10
- Sr - Strontium 1 2 3 4 5 6 7 8 9 10
- Ni - Nickel 1 2 3 4 5 6 7 8 9 10
- Tl - Thallium 1 2 3 4 5 6 7 8 9 10
- Ca Mg Na K 1 2 3 4 5 6 7 8 9 10
- % Total Solids 1 2 3 4 5 6 7 8 9 10
- _____ 1 2 3 4 5 6 7 8 9 10
- _____ 1 2 3 4 5 6 7 8 9 10
- _____ 1 2 3 4 5 6 7 8 9 10

Chain-of-Custody	BOTTLE / TESTS	RELEASED BY / AFFILIATION	RECEIVED BY / AFFILIATION	DATE & TIME
		1) Mark P Oemke DEQ	Bryan Felopausch DH	6-2-2000 11:02
		2)		

DEQ

MICHIGAN DEPT. OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL LABORATORY
ANALYSIS REQUEST SHEET

LAB ORDER # 00-06-027 MATRIX=SEDIMENT/SOIL/SOLIDS

SUBMITTER DIVISION	DISTRICT OR OFFICE	MDEQ PROJECT MANAGER & PHONE	ACCEPT HT CODES? YES / NO
SWQ	GLEAS	M. Oemke 5-4206	

LOCATION SAMPLED / SITE ID NUMBER: Trenton – Detroit River

INDEX PCA PROJECT PH

COLLECTED BY: M. Oemke PHONE: ( ) 5-4206

ADDITIONAL REPORT TO ATTENTION OF

OVERFLOW CONTRACT LAB (Required for ERD)

AT (ADDRESS) (If different than above office)

****** SAFETY INFORMATION REQUIRED ******
SEE BACK OF FORM

LAB USE ONLY	SAMPLE IDENTIFICATION	SAMPLE COLLECTED DATE	TIME	COMMENTS
1	MC18 -30-90	6/1		30-90 cm
2	-30-90 dup	"		DUP.
3	-90-150	"		90-150 cm
4	-150-210	"		150 cm - 210 cm
5	-210-B	6/1		210 - Bottom
6				
7				
8				
9				
10				

ORGANIC

VOA VOLATILES (MeOH/8260)
- Full List 1 2 3 4 5 6 7 8 9 10
- BTEX/MTBE only 1 2 3 4 5 6 7 8 9 10

OS PESTICIDES/PCBS (8081/8082)
- Pesticides & PCBs 1 2 3 4 5 6 7 8 9 10
- Pesticides only 1 2 3 4 5 6 7 8 9 10
- PCBs only 1 2 3 4 5 6 7 8 9 10

BNA BASE NEUTRAL & ACIDS (8270)
- BNAs 1 2 3 4 5 6 7 8 9 10
- PNAs only 1 2 3 4 5 6 7 8 9 10
- BNs only 1 2 3 4 5 6 7 8 9 10

SPECIAL REQUESTS
- Library Search (Qualitative)
  - Volatiles 1 2 3 4 5 6 7 8 9 10
  - Semivolatiles 1 2 3 4 5 6 7 8 9 10
- Other _____ 1 2 3 4 5 6 7 8 9 10

GENERAL CHEMISTRY

GS
- COD 1 2 3 4 5 6 7 8 9 10
- KJEL N, Tot. P 1 2 3 4 5 6 7 8 9 10
- Phenolics 1 2 3 4 5 6 7 8 9 10
- Total CN 1 2 3 4 5 6 7 8 9 10
- _____ 1 2 3 4 5 6 7 8 9 10
- _____ 1 2 3 4 5 6 7 8 9 10
- _____ 1 2 3 4 5 6 7 8 9 10

INORGANIC

MS
- MICH TEN METALS 1 2 3 4 5 6 7 8 9 10 (As, Ba, Cd, Cr, Cu, Pb, Hg, Se, Ag, Zn)
- Fe Co Li Mn 1 2 3 4 5 6 7 8 9 10
- Al Be Mo Ti V 1 2 3 4 5 6 7 8 9 10
- Sr - Strontium 1 2 3 4 5 6 7 8 9 10
- Ni - Nickel 1 2 3 4 5 6 7 8 9 10
- Tl - Thallium 1 2 3 4 5 6 7 8 9 10
- Ca Mg Na K 1 2 3 4 5 6 7 8 9 10
- % Total Solids 1 2 3 4 5 6 7 8 9 10
- _____ 1 2 3 4 5 6 7 8 9 10
- _____ 1 2 3 4 5 6 7 8 9 10
- _____ 1 2 3 4 5 6 7 8 9 10

Chain-of-Custody	BOTTLE / TESTS	RELEASED BY / AFFILIATION	RECEIVED BY / AFFILIATION	DATE & TIME
		1) Mark P Oemke DEQ	Bryan J. Lapausch D.H	6-2-2000 11102
		2)		

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL LABORATORY (517) 335-9800

P.O. Box 30270
Lansing, MI 48909

Report To: Surface Water Quality Div.
Knapps Building
Lansing, MI 48909

Attn: M.OEMKE
Total: $24,258.75

Lab Work Order # 0006027
Work Site ID: TRENTON-DETROIT R.
Matrix: Sediment\Soil
Received: 6/2/2000 **Reported:** 7/21/2000
Client: SW_GLEAS **Number of Samples:** 25

TEST UNITS	MC13-00-30	MC13-30-B	MC14-00-30	MC14-30-90
Arsenic in Sediment mg/kg (dry)	9.0	8.0	10	8.5
Barium in Sediment mg/kg (dry)	106	150	123	116
Cadmium in Sediment mg/kg (dry)	2	4	4	3
Chromium in Sediment mg/kg (dry)	49	67	105	73
Copper in Sediment mg/kg (dry)	82	125	105	69
Lead in Sediment mg/kg (dry)	80	118	117	89
Mercury in Sediment mg/kg (dry)	2.6	4.1	3.7	4.2
Selenium in Sediment mg/kg (dry)	0.7	1.1	1.0	0.6
Silver in Sediment mg/kg (dry)	0.8	1.3	1.8	1.1
Solids - Total - Inorganic %TS	59.0	61.9	38.9	66.4
Zinc in Sediment mg/kg (dry)	840	688	700	326

TEST UNITS	MC14-90-B	MC15-00-30	MC15-30-90	MC15-90-B
Arsenic in Sediment mg/kg (dry)	6.3	11	12	8.0
Barium in Sediment mg/kg (dry)	85	224	220	70
Cadmium in Sediment mg/kg (dry)	K 2	10	9	K 2
Chromium in Sediment mg/kg (dry)	15	255	257	45
Copper in Sediment mg/kg (dry)	24	143	146	40

RECEIVED
SWQD - GLEAS
JUL 27 2000

TEST UNITS	MC14-90-B	MC15-00-30	MC15-30-90	MC15-90-B
Lead in Sediment mg/kg (dry)	14	220	219	28
Mercury in Sediment mg/kg (dry)	K .05	6.3	6.6	.38
Selenium in Sediment mg/kg (dry)	K 0.5	1.1	1.3	K 0.5
Silver in Sediment mg/kg (dry)	K 0.25	3.6	3.6	0.3
Solids - Total - Inorganic %TS	80.5	45.5	45.7	75.8
Zinc in Sediment mg/kg (dry)	66	630	630	98

TEST UNITS	MC16-00-30	MC16-30-90	MC16-30-90DUP	MC16-90-150
Arsenic in Sediment mg/kg (dry)	11	13	13	13
Barium in Sediment mg/kg (dry)	270	250	252	202
Cadmium in Sediment mg/kg (dry)	16	19	19	12
Chromium in Sediment mg/kg (dry)	418	440	436	310
Copper in Sediment mg/kg (dry)	203	210	212	162
Lead in Sediment mg/kg (dry)	358	360	356	300
Mercury in Sediment mg/kg (dry)	4.3	18.0	9.5	10.6
Selenium in Sediment mg/kg (dry)	1.1	1.2	1.1	1.1
Silver in Sediment mg/kg (dry)	5.0	5.5	5.1	4.9
Solids - Total - Inorganic %TS	44.7	47.7	48.5	50.1
Zinc in Sediment mg/kg (dry)	900	1100	1130	900

TEST UNITS	MC16-150-210	MC16-210-B	MC17-00-30	MC17-30-90
Arsenic in Sediment mg/kg (dry)	11	12	8.3	9.0

TEST UNITS	MC16-150-210	MC16-210-B	MC17-00-30	MC17-30-90
Barium in Sediment mg/kg (dry)	226	227	115	117
Cadmium in Sediment mg/kg (dry)	11	9	5	37
Chromium in Sediment mg/kg (dry)	318	310	68	100
Copper in Sediment mg/kg (dry)	160	159	84	102
Lead in Sediment mg/kg (dry)	238	270	88	135
Mercury in Sediment mg/kg (dry)	6.8	6.2	K .05	11.6
Selenium in Sediment mg/kg (dry)	0.9	0.9	0.9	1.2
Silver in Sediment mg/kg (dry)	4.4	4.3	2.3	3.4
Solids - Total - Inorganic %TS	50.8	51.2	45.9	49.1
Zinc in Sediment mg/kg (dry)	700	688	347	480

TEST UNITS	MC17-90-150	MC17-150-210	MC17-210-B	MC18-00-30
Arsenic in Sediment mg/kg (dry)	9.3	11	12	9.8
Barium in Sediment mg/kg (dry)	129	227	320	137
Cadmium in Sediment mg/kg (dry)	17	18	17	14
Chromium in Sediment mg/kg (dry)	143	360	428	140
Copper in Sediment mg/kg (dry)	117	220	205	110
Lead in Sediment mg/kg (dry)	178	289	326	160
Mercury in Sediment mg/kg (dry)	.77	1.5	2.6	1.0
Selenium in Sediment mg/kg (dry)	1.1	1.1	1.0	1.2
Silver in Sediment mg/kg (dry)	3.4	6.2	5.7	3.5

TEST UNITS	MC17-90-150	MC17-150-210	MC17-210-B	MC18-00-30
Solids - Total - Inorganic %TS	50.8	50.8	49.6	43.6
Zinc in Sediment mg/kg (dry)	497	937	887	485

TEST UNITS	MC18-30-90	MC18-30-90DUP	MC18-90-150	MC18-150-210
Arsenic in Sediment mg/kg (dry)	9.4	10	12	12
Barium in Sediment mg/kg (dry)	259	265	316	246
Cadmium in Sediment mg/kg (dry)	18	18	19	18
Chromium in Sediment mg/kg (dry)	405	410	420	404
Copper in Sediment mg/kg (dry)	203	204	209	207
Lead in Sediment mg/kg (dry)	296	300	375	330
Mercury in Sediment mg/kg (dry)	3.5	2.8	7.6	11
Selenium in Sediment mg/kg (dry)	1.0	1.0	1.2	1.1
Silver in Sediment mg/kg (dry)	6.2	5.6	6.1	5.5
Solids - Total - Inorganic %TS	46.2	46.0	46.3	48.4
Zinc in Sediment mg/kg (dry)	870	880	967	1040

TEST UNITS	MC18-210-B			
Arsenic in Sediment mg/kg (dry)	12			
Barium in Sediment mg/kg (dry)	204			
Cadmium in Sediment mg/kg (dry)	11			
Chromium in Sediment mg/kg (dry)	285			
Copper in Sediment mg/kg (dry)	162			

TEST UNITS	MC18-210-B			
Lead in Sediment mg/kg (dry)	268			
Mercury in Sediment mg/kg (dry)	8.4			
Selenium in Sediment mg/kg (dry)	1.0			
Silver in Sediment mg/kg (dry)	4.8			
Solids - Total - Inorganic %TS	50.5			
Zinc in Sediment mg/kg (dry)	765			

Many samples have low levels of DDD.

This is an original report: _____ Date: _____

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-01ME

Date Collected:	6/1/2000	Test Code:	SME
		Test Name:	MEOH-Sed
Date Analyzed:	6/6/2000 by KL	Sample ID:	MC13-00-30
Total Solids:	52%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
75-71-8	Dichlorodifluoromethane	ND		950	99.3
74-87-3	Chloromethane	ND		950	99.3
75-01-4	Vinyl chloride	ND		380	99.3
74-83-9	Bromomethane	ND		950	99.3
75-00-3	Chloroethane	ND		950	99.3
75-69-4	Trichlorofluoromethane	ND		950	99.3
67-64-1	Acetone	ND		2900	99.3
60-29-7	Diethyl ether	ND		950	99.3
75-35-4	1,1-Dichloroethylene	ND		190	99.3
74-88-4	Methyl iodide	ND		380	99.3
107-13-1	Acrylonitrile	ND		950	99.3
75-09-2	Methylene chloride	ND		950	99.3
75-15-0	Carbon disulfide	ND		950	99.3
156-60-5	trans-1,2-Dichloroethylene	ND		190	99.3
1634-04-4	Methyltertbutylether (MTBE)	ND		950	99.3
75-34-3	1,1-Dichloroethane	ND		190	99.3
78-93-3	2-Butanone (MEK)	ND		950	99.3
156-59-2	cis-1,2-Dichloroethylene	ND		190	99.3
67-66-3	Chloroform	ND		190	99.3
74-97-5	Bromochloromethane	ND		380	99.3
71-55-6	1,1,1-Trichloroethane	ND		190	99.3
107-06-2	1,2-Dichloroethane	ND		190	99.3
71-43-2	Benzene	ND		190	99.3
56-23-5	Carbon tetrachloride	ND		190	99.3
78-87-5	1,2-Dichloropropane	ND		190	99.3
79-01-6	Trichloroethylene	ND		190	99.3
74-95-3	Dibromomethane	ND		380	99.3
75-27-4	Bromodichloromethane	ND		380	99.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		950	99.3
10061-01-5	cis-1,3-Dichloropropene	ND		190	99.3
10061-02-6	trans-1,3-Dichloropropene	ND		190	99.3
108-88-3	Toluene	520	J	190	99.3
79-00-5	1,1,2-Trichloroethane	ND		190	99.3
591-78-6	2-Hexanone	ND		950	99.3
124-48-1	Dibromochloromethane	ND		380	99.3
106-93-4	1,2-Dibromoethane	ND		190	99.3

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
127-18-4	Tetrachloroethene	ND		190	99.3
108-90-7	Chlorobenzene	ND		190	99.3
630-20-6	1,1,1,2-Tetrachloroethane	ND		380	99.3
100-41-4	Ethylbenzene	ND		190	99.3
108383,106423	m & p-Xylene	ND		380	99.3
75-25-2	Bromoform	ND		380	99.3
100-42-5	Styrene	ND		190	99.3
95-47-6	o-Xylene	ND		190	99.3
79-34-5	1,1,2,2-Tetrachloroethane	ND		380	99.3
96-18-4	1,2,3-Trichloropropane	ND		380	99.3
110-57-6	trans-1,4-Dichloro-2-butene	ND		380	99.3
98-82-8	Isopropylbenzene	ND		380	99.3
108-86-1	Bromobenzene	ND		380	99.3
103-65-1	n-Propylbenzene	ND		380	99.3
108-67-8	1,3,5-Trimethylbenzene	ND		380	99.3
98-06-6	tert-Butylbenzene	ND		950	99.3
95-63-6	1,2,4-Trimethylbenzene	ND		380	99.3
135-98-8	sec-Butylbenzene	ND		950	99.3
541-73-1	1,3-Dichlorobenzene	ND		380	99.3
106-46-7	1,4-Dichlorobenzene	ND		380	99.3
99-87-6	p-Isopropyl toluene	ND		950	99.3
95-50-1	1,2-Dichlorobenzene	ND		380	99.3
104-51-8	n-Butylbenzene	ND		950	99.3
67-72-1	Hexachloroethane	ND		380	99.3
96-12-8	1,2-Dibromo-3-chloropropane	ND		950	99.3
120-82-1	1,2,4-Trichlorobenzene	ND		950	99.3
91-20-3	Naphthalene	16000	J	950	99.3
87-61-6	1,2,3-Trichlorobenzene	ND		950	99.3
91-57-6	2-Methylnaphthalene	1400	J	950	99.3

UnID Peaks.
"J" code all results and reporting limits due to low surrogate recoveries.
"ST" code due to sample was preserved in the Lab.

ND = not detected at the specified reporting limit. NM = not measured.
Reference method is 8260.
USEPA Methods 8260 and 624 are used to quantitate volatile organic compounds that have boiling points below 200°C.
2-Methylnaphthalene and naphthalene are compounds with boiling points above 200°C and are better suited to quantitation by USEPA Methods 8270 or 625 as semivolatile organic compounds.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-01OS

Date Collected:	6/1/2000	Test Code:	SBNA
Date Extracted:	6/9/2000 by tm-1184	Test Name:	BNA - Sediment
Date Analyzed:	6/21/2000 by GRINWISS	Sample ID:	MC13-00-30
Total Solids:	52%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		6300	10
108-95-2	Phenol	ND		6300	10
111-44-4	Bis(2-chloroethyl)ether	ND		1900	10
95-57-8	2-Chlorophenol	ND		6300	10
541-73-1	1,3-Dichlorobenzene	ND		1900	10
106-46-7	1,4-Dichlorobenzene	ND		1900	10
95-50-1	1,2-Dichlorobenzene	ND		1900	10
95-48-7	2-Methylphenol (o-cresol)	ND		6300	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		1900	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		13000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		3800	10
67-72-1	Hexachloroethane	ND		1900	10
98-95-3	Nitrobenzene	ND		3800	10
78-59-1	Isophorone	ND		1900	10
88-75-5	2-Nitrophenol	ND		6300	10
105-67-9	2,4-Dimethylphenol	ND		6300	10
111-91-1	Bis(2-chloroethoxy)methane	ND		3800	10
120-83-2	2,4-Dichlorophenol	ND		6300	10
120-82-1	1,2,4-Trichlorobenzene	ND		3800	10
91-20-3	Naphthalene	6900		1900	10
87-68-3	Hexachlorobutadiene	ND		3800	10
59-50-7	4-Chloro-3-methylphenol	ND		6300	10
91-57-6	2-Methylnaphthalen	ND		4800	10
77-47-4	Hexachlorocyclopentadiene	ND		38000	10
88-06-2	2,4,6-Trichlorophenol	ND		6300	10
95-95-4	2,4,5-Trichlorophenol	ND		6300	10
91-58-7	2-Chloronaphthalene	ND		3800	10
88-74-4	2-Nitroaniline	ND		33000	10
208-96-8	Acenaphthylene	ND		1900	10
131-11-3	Dimethyl phthalate	ND		3800	10
606-20-2	2,6-Dinitrotoluene	ND		6300	10
99-09-2	3-Nitroaniline	ND		33000	10
83-32-9	Acenaphthene	ND		1900	10
51-28-5	2,4-Dinitrophenol	ND		33000	10
132-64-9	Dibenzofuran	630	T	6300	10
100-02-7	4-Nitrophenol	ND		33000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		6300	10
86-73-7	Fluorene	1000	T	1900	10
84-66-2	Diethyl phthalate	ND		1900	10
100-01-6	4-Nitroaniline	ND		33000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		33000	10
7005-72-3	4-Chlorophenyl phenylether	ND		1900	10
156-10-5	N-Nitrosodiphenylamine	ND		3800	10
103-33-3	Azobenzene	ND		3800	10
101-55-3	4-Bromophenyl phenylether	ND		3800	10
118-74-1	Hexachlorobenzene	ND		3800	10
87-86-5	Pentachlorophenol	ND		65000	10
85-01-8	Phenanthrene	3500		1900	10
120-12-7	Anthracene	950	T	1900	10
86-74-8	Carbazole	ND		6300	10
84-74-2	Di-n-butyl phthalate	ND		1900	10
206-44-0	Fluoranthene	3200		1900	10
129-00-0	Pyrene	2400		1900	10
85-68-7	Butyl benzyl phthalate	ND		1900	10
56-55-3	Benz(a)anthracene	1300	T	1900	10
218-01-9	Chrysene	1200	T	1900	10
117-81-7	Bis(2-ethylhexyl)phthalate	ND		3800	10
117-84-0	Di-n-octyl phthalate	ND		3800	10
205-99-2	Benzo(b)fluoranthene	ND		3800	10
207-08-9	Benzo(k)fluoranthene	ND		3800	10
50-32-8	Benzo(a)pyrene	ND		3800	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		3800	10
53-70-3	Dibenz(a,h)anthracene	ND		3800	10
191-24-2	Benzo(g,h,i)perylene	ND		3800	10

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

Reporting limits elevated due to matrix interference.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-01OS

Date Collected:	6/1/2000	Test Code:	SPCB
Date Extracted:	6/8/2000 by tm-1183	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	MC13-00-30
Total Solids:	52%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		190	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		190	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		190	1.0
53469-21-9	Aroclor 1242 (PCB)	ND		190	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		190	1.0
11097-69-1	Aroclor 1254 (PCB)	820		190	1.0
11096-82-5	Aroclor 1260 (PCB)	ND		190	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		190	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		190	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to matrix interference

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-02ME

Date Collected:	6/1/2000	Test Code:	SME
		Test Name:	MEOH-Sed
Date Analyzed:	6/6/2000 by KL	Sample ID:	MC13-30-B
Total Solids:	60%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
75-71-8	Dichlorodifluoromethane	ND		4200	504
74-87-3	Chloromethane	ND		4200	504
75-01-4	Vinyl chloride	ND		1700	504
74-83-9	Bromomethane	ND		4200	504
75-00-3	Chloroethane	ND		4200	504
75-69-4	Trichlorofluoromethane	ND		4200	504
67-64-1	Acetone	ND		13000	504
60-29-7	Diethyl ether	ND		4200	504
75-35-4	1,1-Dichloroethylene	ND		840	504
74-88-4	Methyl iodide	ND		1700	504
107-13-1	Acrylonitrile	ND		4200	504
75-09-2	Methylene chloride	ND		4200	504
75-15-0	Carbon disulfide	ND		4200	504
156-60-5	trans-1,2-Dichloroethylene	ND		840	504
1634-04-4	Methyltertbutylether (MTBE)	ND		4200	504
75-34-3	1,1-Dichloroethane	ND		840	504
78-93-3	2-Butanone (MEK)	ND		4200	504
156-59-2	cis-1,2-Dichloroethylene	ND		840	504
67-66-3	Chloroform	ND		840	504
74-97-5	Bromochloromethane	ND		1700	504
71-55-6	1,1,1-Trichloroethane	ND		840	504
107-06-2	1,2-Dichloroethane	ND		840	504
71-43-2	Benzene	ND		840	504
56-23-5	Carbon tetrachloride	ND		840	504
78-87-5	1,2-Dichloropropane	ND		840	504
79-01-6	Trichloroethylene	ND		840	504
74-95-3	Dibromomethane	ND		1700	504
75-27-4	Bromodichloromethane	ND		1700	504
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		4200	504
10061-01-5	cis-1,3-Dichloropropene	ND		840	504
10061-02-6	trans-1,3-Dichloropropene	ND		840	504
108-88-3	Toluene	ND		840	504
79-00-5	1,1,2-Trichloroethane	ND		840	504
591-78-6	2-Hexanone	ND		4200	504
124-48-1	Dibromochloromethane	ND		1700	504
106-93-4	1,2-Dibromoethane	ND		840	504

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
127-18-4	Tetrachloroethene	ND		840	504
108-90-7	Chlorobenzene	ND		840	504
630-20-6	1,1,1,2-Tetrachloroethane	ND		1700	504
100-41-4	Ethylbenzene	ND		840	504
108383,106423	m & p-Xylene	ND		1700	504
75-25-2	Bromoform	ND		1700	504
100-42-5	Styrene	ND		840	504
95-47-6	o-Xylene	ND		840	504
79-34-5	1,1,2,2-Tetrachloroethane	ND		1700	504
96-18-4	1,2,3-Trichloropropane	ND		1700	504
110-57-6	trans-1,4-Dichloro-2-butene	ND		1700	504
98-82-8	Isopropylbenzene	ND		1700	504
108-86-1	Bromobenzene	ND		1700	504
103-65-1	n-Propylbenzene	ND		1700	504
108-67-8	1,3,5-Trimethylbenzene	ND		1700	504
98-06-6	tert-Butylbenzene	ND		4200	504
95-63-6	1,2,4-Trimethylbenzene	ND		1700	504
135-98-8	sec-Butylbenzene	ND		4200	504
541-73-1	1,3-Dichlorobenzene	ND		1700	504
106-46-7	1,4-Dichlorobenzene	ND		1700	504
99-87-6	p-Isopropyl toluene	ND		4200	504
95-50-1	1,2-Dichlorobenzene	ND		1700	504
104-51-8	n-Butylbenzene	ND		4200	504
67-72-1	Hexachloroethane	ND		1700	504
96-12-8	1,2-Dibromo-3-chloropropane	ND		4200	504
120-82-1	1,2,4-Trichlorobenzene	ND		4200	504
91-20-3	Naphthalene	72000		4200	504
87-61-6	1,2,3-Trichlorobenzene	ND		4200	504
91-57-6	2-Methylnaphthalene	ND		4200	504

UnID Peaks.
"ST" code due to sample was preserved in the Lab.

ND = not detected at the specified reporting limit. NM = not measured.
Reference method is 8260.
USEPA Methods 8260 and 624 are used to quantitate volatile organic compounds that have boiling points below 200°C.
2-Methylnaphthalene and naphthalene are compounds with boiling points above 200°C and are better suited to quantitation by USEPA Methods 8270 or 625 as semivolatile organic compounds.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-02OS

Date Collected:	6/1/2000	Test Code:	SBNA
Date Extracted:	6/9/2000 by tm-1184	Test Name:	BNA - Sediment
Date Analyzed:	6/21/2000 by GRINWISS	Sample ID:	MC13-30-B
Total Solids:	60%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		5500	10
108-95-2	Phenol	ND		5500	10
111-44-4	Bis(2-chloroethyl)ether	ND		1700	10
95-57-8	2-Chlorophenol	ND		5500	10
541-73-1	1,3-Dichlorobenzene	ND		1700	10
106-46-7	1,4-Dichlorobenzene	ND		1700	10
95-50-1	1,2-Dichlorobenzene	ND		1700	10
95-48-7	2-Methylphenol (o-cresol)	ND		5500	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		1700	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		11000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		3300	10
67-72-1	Hexachloroethane	ND		1700	10
98-95-3	Nitrobenzene	ND		3300	10
78-59-1	Isophorone	ND		1700	10
88-75-5	2-Nitrophenol	ND		5500	10
105-67-9	2,4-Dimethylphenol	ND		5500	10
111-91-1	Bis(2-chloroethoxy)methane	ND		3300	10
120-83-2	2,4-Dichlorophenol	ND		5500	10
120-82-1	1,2,4-Trichlorobenzene	ND		3300	10
91-20-3	Naphthalene	11000		1700	10
87-68-3	Hexachlorobutadiene	ND		3300	10
59-50-7	4-Chloro-3-methylphenol	ND		5500	10
91-57-6	2-Methylnaphthalene	630	T	4200	10
77-47-4	Hexachlorocyclopentadiene	ND		33000	10
88-06-2	2,4,6-Trichlorophenol	ND		5500	10
95-95-4	2,4,5-Trichlorophenol	ND		5500	10
91-58-7	2-Chloronaphthalene	ND		3300	10
88-74-4	2-Nitroaniline	ND		28000	10
208-96-8	Acenaphthylene	ND		1700	10
131-11-3	Dimethyl phthalate	ND		3300	10
606-20-2	2,6-Dinitrotoluene	ND		5500	10
99-09-2	3-Nitroaniline	ND		28000	10
83-32-9	Acenaphthene	ND		1700	10
51-28-5	2,4-Dinitrophenol	ND		28000	10
132-64-9	Dibenzofuran	ND		5500	10
100-02-7	4-Nitrophenol	ND		28000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		5500	10
86-73-7	Fluorene	1000	T	1700	10
84-66-2	Diethyl phthalate	ND		1700	10
100-01-6	4-Nitroaniline	ND		28000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		28000	10
7005-72-3	4-Chlorophenyl phenylether	ND		1700	10
156-10-5	N-Nitrosodiphenylamine	ND		3300	10
103-33-3	Azobenzene	ND		3300	10
101-55-3	4-Bromophenyl phenylether	ND		3300	10
118-74-1	Hexachlorobenzene	ND		3300	10
87-86-5	Pentachlorophenol	ND		57000	10
85-01-8	Phenanthrene	3400		1700	10
120-12-7	Anthracene	800	T	1700	10
86-74-8	Carbazole	ND		5500	10
84-74-2	Di-n-butyl phthalate	ND		1700	10
206-44-0	Fluoranthene	2300		1700	10
129-00-0	Pyrene	1800		1700	10
85-68-7	Butyl benzyl phthalate	ND		1700	10
56-55-3	Benz(a)anthracene	ND		1700	10
218-01-9	Chrysene	ND		1700	10
117-81-7	Bis(2-ethylhexyl)phthalate	ND		3300	10
117-84-0	Di-n-octyl phthalate	ND		3300	10
205-99-2	Benzo(b)fluoranthene	ND		3300	10
207-08-9	Benzo(k)fluoranthene	ND		3300	10
50-32-8	Benzo(a)pyrene	ND		3300	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		3300	10
53-70-3	Dibenz(a,h)anthracene	ND		3300	10
191-24-2	Benzo(g,h,i)perylene	ND		3300	10

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

Reporting limits elevated due to matrix interference.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-02OS

Date Collected:	6/1/2000	Test Code:	SPCB
Date Extracted:	6/8/2000 by tm-1183	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	MC13-30-B
Total Solids:	60%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		170	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		170	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		170	1.0
53469-21-9	Aroclor 1242 (PCB)	ND		170	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		170	1.0
11097-69-1	Aroclor 1254 (PCB)	260		170	1.0
11096-82-5	Aroclor 1260 (PCB)	ND		170	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		170	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		170	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to matrix interference

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-03ME

Date Collected:	6/1/2000	Test Code:	SME
		Test Name:	MEOH-Sed
Date Analyzed:	6/6/2000 by KL	Sample ID:	MC14-00-30
Total Solids:	34%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
75-71-8	Dichlorodifluoromethane	ND		2800	192
74-87-3	Chloromethane	ND		2800	192
75-01-4	Vinyl chloride	ND		1100	192
74-83-9	Bromomethane	ND		2800	192
75-00-3	Chloroethane	ND		2800	192
75-69-4	Trichlorofluoromethane	ND		2800	192
67-64-1	Acetone	ND		8500	192
60-29-7	Diethyl ether	ND		2800	192
75-35-4	1,1-Dichloroethylene	ND		560	192
74-88-4	Methyl iodide	ND		1100	192
107-13-1	Acrylonitrile	ND		2800	192
75-09-2	Methylene chloride	ND		2800	192
75-15-0	Carbon disulfide	ND		2800	192
156-60-5	trans-1,2-Dichloroethylene	ND		560	192
1634-04-4	Methyltertbutylether (MTBE)	ND		2800	192
75-34-3	1,1-Dichloroethane	ND		560	192
78-93-3	2-Butanone (MEK)	ND		2800	192
156-59-2	cis-1,2-Dichloroethylene	ND		560	192
67-66-3	Chloroform	ND		560	192
74-97-5	Bromochloromethane	ND		1100	192
71-55-6	1,1,1-Trichloroethane	ND		560	192
107-06-2	1,2-Dichloroethane	ND		560	192
71-43-2	Benzene	ND		560	192
56-23-5	Carbon tetrachloride	ND		560	192
78-87-5	1,2-Dichloropropane	ND		560	192
79-01-6	Trichloroethylene	ND		560	192
74-95-3	Dibromomethane	ND		1100	192
75-27-4	Bromodichloromethane	ND		1100	192
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		2800	192
10061-01-5	cis-1,3-Dichloropropene	ND		560	192
10061-02-6	trans-1,3-Dichloropropene	ND		560	192
108-88-3	Toluene	25000	J	560	192
79-00-5	1,1,2-Trichloroethane	ND		560	192
591-78-6	2-Hexanone	ND		2800	192
124-48-1	Dibromochloromethane	ND		1100	192
106-93-4	1,2-Dibromoethane	ND		560	192

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
127-18-4	Tetrachloroethene	ND		560	192
108-90-7	Chlorobenzene	ND		560	192
630-20-6	1,1,1,2-Tetrachloroethane	ND		1100	192
100-41-4	Ethylbenzene	ND		560	192
108383,106423	m & p-Xylene	ND		1100	192
75-25-2	Bromoform	ND		1100	192
100-42-5	Styrene	ND		560	192
95-47-6	o-Xylene	ND		560	192
79-34-5	1,1,2,2-Tetrachloroethane	ND		1100	192
96-18-4	1,2,3-Trichloropropane	ND		1100	192
110-57-6	trans-1,4-Dichloro-2-butene	ND		1100	192
98-82-8	Isopropylbenzene	ND		1100	192
108-86-1	Bromobenzene	ND		1100	192
103-65-1	n-Propylbenzene	ND		1100	192
108-67-8	1,3,5-Trimethylbenzene	ND		1100	192
98-06-6	tert-Butylbenzene	ND		2800	192
95-63-6	1,2,4-Trimethylbenzene	ND		1100	192
135-98-8	sec-Butylbenzene	ND		2800	192
541-73-1	1,3-Dichlorobenzene	ND		1100	192
106-46-7	1,4-Dichlorobenzene	ND		1100	192
99-87-6	p-Isopropyl toluene	ND		2800	192
95-50-1	1,2-Dichlorobenzene	ND		1100	192
104-51-8	n-Butylbenzene	ND		2800	192
67-72-1	Hexachloroethane	ND		1100	192
96-12-8	1,2-Dibromo-3-chloropropane	ND		2800	192
120-82-1	1,2,4-Trichlorobenzene	ND		2800	192
91-20-3	Naphthalene	ND		2800	192
87-61-6	1,2,3-Trichlorobenzene	ND		2800	192
91-57-6	2-Methylnaphthalene	ND		2800	192

"J" code all results and reporting limits due to low surrogate recoveries.
"ST" code due to sample was preserved in the Lab.

ND = not detected at the specified reporting limit. NM = not measured.
Reference method is 8260.
USEPA Methods 8260 and 624 are used to quantitate volatile organic compounds that have boiling points below 200°C.
2-Methylnaphthalene and naphthalene are compounds with boiling points above 200°C and are better suited to quantitation by USEPA Methods 8270 or 625 as semivolatile organic compounds.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-03OS

Date Collected:	6/1/2000	Test Code:	SBNA
Date Extracted:	6/9/2000 by tm-1184	Test Name:	BNA - Sediment
Date Analyzed:	6/21/2000 by GRINWISS	Sample ID:	MC14-00-30
Total Solids:	34%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		970	1
108-95-2	Phenol	ND		970	1
111-44-4	Bis(2-chloroethyl)ether	ND		290	1
95-57-8	2-Chlorophenol	ND		970	1
541-73-1	1,3-Dichlorobenzene	ND		290	1
106-46-7	1,4-Dichlorobenzene	ND		290	1
95-50-1	1,2-Dichlorobenzene	ND		290	1
95-48-7	2-Methylphenol (o-cresol)	ND		970	1
108-60-1	Bis(2-chloroisopropyl)ether	ND		290	1
108394,106445	3/4-Methylphenol (m/p-cresol)	1100	T	1900	1
621-64-7	N-Nitrosodi-n-propylamine	ND		590	1
67-72-1	Hexachloroethane	ND		290	1
98-95-3	Nitrobenzene	ND		590	1
78-59-1	Isophorone	ND		290	1
88-75-5	2-Nitrophenol	ND		970	1
105-67-9	2,4-Dimethylphenol	ND		970	1
111-91-1	Bis(2-chloroethoxy)methane	ND		590	1
120-83-2	2,4-Dichlorophenol	ND		970	1
120-82-1	1,2,4-Trichlorobenzene	ND		590	1
91-20-3	Naphthalene	540		290	1
87-68-3	Hexachlorobutadiene	ND		590	1
59-50-7	4-Chloro-3-methylphenol	ND		970	1
91-57-6	2-Methylnaphthalene	ND		740	1
77-47-4	Hexachlorocyclopentadiene	ND		5900	1
88-06-2	2,4,6-Trichlorophenol	ND		970	1
95-95-4	2,4,5-Trichlorophenol	ND		970	1
91-58-7	2-Chloronaphthalene	ND		590	1
88-74-4	2-Nitroaniline	ND		5000	1
208-96-8	Acenaphthylene	ND		290	1
131-11-3	Dimethyl phthalate	ND		590	1
606-20-2	2,6-Dinitrotoluene	ND		970	1
99-09-2	3-Nitroaniline	ND		5000	1
83-32-9	Acenaphthene	ND		290	1
51-28-5	2,4-Dinitrophenol	ND		5000	1
132-64-9	Dibenzofuran	ND		970	1
100-02-7	4-Nitrophenol	ND		5000	1

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		970	1
86-73-7	Fluorene	ND		290	1
84-66-2	Diethyl phthalate	ND		290	1
100-01-6	4-Nitroaniline	ND		5000	1
534-52-1	2-Methyl-4,6-dinitrophenol	ND		5000	1
7005-72-3	4-Chlorophenyl phenylether	ND		290	1
156-10-5	N-Nitrosodiphenylamine	ND		590	1
103-33-3	Azobenzene	ND		590	1
101-55-3	4-Bromophenyl phenylether	ND		590	1
118-74-1	Hexachlorobenzene	ND		590	1
87-86-5	Pentachlorophenol	ND		10000	1
85-01-8	Phenanthrene	880		290	1
120-12-7	Anthracene	200	T	290	1
86-74-8	Carbazole	ND		970	1
84-74-2	Di-n-butyl phthalate	ND		290	1
206-44-0	Fluoranthene	1100		290	1
129-00-0	Pyrene	740		290	1
85-68-7	Butyl benzyl phthalate	ND		290	1
56-55-3	Benz(a)anthracene	380		290	1
218-01-9	Chrysene	400		290	1
117-81-7	Bis(2-ethylhexyl)phthalate	540	T	590	1
117-84-0	Di-n-octyl phthalate	ND		590	1
205-99-2	Benzo(b)fluoranthene	ND		590	1
207-08-9	Benzo(k)fluoranthene	ND		590	1
50-32-8	Benzo(a)pyrene	ND		590	1
193-39-5	Indeno(1,2,3-cd)pyrene	ND		590	1
53-70-3	Dibenz(a,h)anthracene	ND		590	1
191-24-2	Benzo(g,h,i)perylene	ND		590	1

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-03OS

Date Collected:	6/1/2000	Test Code:	SPCB
Date Extracted:	6/8/2000 by tm-1183	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	MC14-00-30
Total Solids:	34%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		290	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		290	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		290	1.0
53469-21-9	Aroclor 1242 (PCB)	ND		290	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		290	1.0
11097-69-1	Aroclor 1254 (PCB)	760		290	1.0
11096-82-5	Aroclor 1260 (PCB)	ND		290	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		290	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		290	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to matrix interference

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-04ME

Date Collected:	6/1/2000	Test Code:	SME
		Test Name:	MEOH-Sed
Date Analyzed:	6/6/2000 by KL	Sample ID:	MC14-30-90
Total Solids:	63%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
75-71-8	Dichlorodifluoromethane	ND		390	48.7
74-87-3	Chloromethane	ND		390	48.7
75-01-4	Vinyl chloride	ND		150	48.7
74-83-9	Bromomethane	ND		390	48.7
75-00-3	Chloroethane	ND		390	48.7
75-69-4	Trichlorofluoromethane	ND		390	48.7
67-64-1	Acetone	ND		1200	48.7
60-29-7	Diethyl ether	ND		390	48.7
75-35-4	1,1-Dichloroethylene	ND		77	48.7
74-88-4	Methyl iodide	ND		150	48.7
107-13-1	Acrylonitrile	ND		390	48.7
75-09-2	Methylene chloride	ND		390	48.7
75-15-0	Carbon disulfide	ND		390	48.7
156-60-5	trans-1,2-Dichloroethylene	ND		77	48.7
1634-04-4	Methyltertbutylether (MTBE)	ND		390	48.7
75-34-3	1,1-Dichloroethane	ND		77	48.7
78-93-3	2-Butanone (MEK)	ND		390	48.7
156-59-2	cis-1,2-Dichloroethylene	ND		77	48.7
67-66-3	Chloroform	ND		77	48.7
74-97-5	Bromochloromethane	ND		150	48.7
71-55-6	1,1,1-Trichloroethane	ND		77	48.7
107-06-2	1,2-Dichloroethane	ND		77	48.7
71-43-2	Benzene	ND		77	48.7
56-23-5	Carbon tetrachloride	ND		77	48.7
78-87-5	1,2-Dichloropropane	ND		77	48.7
79-01-6	Trichloroethylene	ND		77	48.7
74-95-3	Dibromomethane	ND		150	48.7
75-27-4	Bromodichloromethane	ND		150	48.7
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		390	48.7
10061-01-5	cis-1,3-Dichloropropene	ND		77	48.7
10061-02-6	trans-1,3-Dichloropropene	ND		77	48.7
108-88-3	Toluene	190	J	77	48.7
79-00-5	1,1,2-Trichloroethane	ND		77	48.7
591-78-6	2-Hexanone	ND		390	48.7
124-48-1	Dibromochloromethane	ND		150	48.7
106-93-4	1,2-Dibromoethane	ND		77	48.7

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
127-18-4	Tetrachloroethene	ND		77	48.7
108-90-7	Chlorobenzene	ND		77	48.7
630-20-6	1,1,1,2-Tetrachloroethane	ND		150	48.7
100-41-4	Ethylbenzene	ND		77	48.7
108383,106423	m & p-Xylene	ND		150	48.7
75-25-2	Bromoform	ND		150	48.7
100-42-5	Styrene	ND		77	48.7
95-47-6	o-Xylene	ND		77	48.7
79-34-5	1,1,2,2-Tetrachloroethane	ND		150	48.7
96-18-4	1,2,3-Trichloropropane	ND		150	48.7
110-57-6	trans-1,4-Dichloro-2-butene	ND		150	48.7
98-82-8	Isopropylbenzene	ND		150	48.7
108-86-1	Bromobenzene	ND		150	48.7
103-65-1	n-Propylbenzene	ND		150	48.7
108-67-8	1,3,5-Trimethylbenzene	ND		150	48.7
98-06-6	tert-Butylbenzene	ND		390	48.7
95-63-6	1,2,4-Trimethylbenzene	ND		150	48.7
135-98-8	sec-Butylbenzene	ND		390	48.7
541-73-1	1,3-Dichlorobenzene	ND		150	48.7
106-46-7	1,4-Dichlorobenzene	ND		150	48.7
99-87-6	p-Isopropyl toluene	ND		390	48.7
95-50-1	1,2-Dichlorobenzene	ND		150	48.7
104-51-8	n-Butylbenzene	ND		390	48.7
67-72-1	Hexachloroethane	ND		150	48.7
96-12-8	1,2-Dibromo-3-chloropropane	ND		390	48.7
120-82-1	1,2,4-Trichlorobenzene	ND		390	48.7
91-20-3	Naphthalene	ND		390	48.7
87-61-6	1,2,3-Trichlorobenzene	ND		390	48.7
91-57-6	2-Methylnaphthalene	470	J	390	48.7

UnID Peaks.
"J" code all results and reporting limits due to low surrogate recoveries.
"ST" code due to sample was preserved in the Lab.

ND = not detected at the specified reporting limit. NM = not measured.
Reference method is 8260.
USEPA Methods 8260 and 624 are used to quantitate volatile organic compounds that have boiling points below 200°C.
2-Methylnaphthalene and naphthalene are compounds with boiling points above 200°C and are better suited to quantitation by USEPA Methods 8270 or 625 as semivolatile organic compounds.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-04OS

Date Collected:	6/1/2000	Test Code:	SBNA
Date Extracted:	6/9/2000 by tm-1184	Test Name:	BNA - Sediment
Date Analyzed:	6/21/2000 by GRINWISS	Sample ID:	MC14-30-90
Total Solids:	63%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		5200	10
108-95-2	Phenol	ND		5200	10
111-44-4	Bis(2-chloroethyl)ether	ND		1600	10
95-57-8	2-Chlorophenol	ND		5200	10
541-73-1	1,3-Dichlorobenzene	ND		1600	10
106-46-7	1,4-Dichlorobenzene	ND		1600	10
95-50-1	1,2-Dichlorobenzene	ND		1600	10
95-48-7	2-Methylphenol (o-cresol)	ND		5200	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		1600	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		10000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		3200	10
67-72-1	Hexachloroethane	ND		1600	10
98-95-3	Nitrobenzene	ND		3200	10
78-59-1	Isophorone	ND		1600	10
88-75-5	2-Nitrophenol	ND		5200	10
105-67-9	2,4-Dimethylphenol	ND		5200	10
111-91-1	Bis(2-chloroethoxy)methane	ND		3200	10
120-83-2	2,4-Dichlorophenol	ND		5200	10
120-82-1	1,2,4-Trichlorobenzene	ND		3200	10
91-20-3	Naphthalene	ND		1600	10
87-68-3	Hexachlorobutadiene	ND		3200	10
59-50-7	4-Chloro-3-methylphenol	ND		5200	10
91-57-6	2-Methylnaphthalene	ND		4000	10
77-47-4	Hexachlorocyclopentadiene	ND		32000	10
88-06-2	2,4,6-Trichlorophenol	ND		5200	10
95-95-4	2,4,5-Trichlorophenol	ND		5200	10
91-58-7	2-Chloronaphthalene	ND		3200	10
88-74-4	2-Nitroaniline	ND		27000	10
208-96-8	Acenaphthylene	ND		1600	10
131-11-3	Dimethyl phthalate	ND		3200	10
606-20-2	2,6-Dinitrotoluene	ND		5200	10
99-09-2	3-Nitroaniline	ND		27000	10
83-32-9	Acenaphthene	ND		1600	10
51-28-5	2,4-Dinitrophenol	ND		27000	10
132-64-9	Dibenzofuran	ND		5200	10
100-02-7	4-Nitrophenol	ND		27000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		5200	10
86-73-7	Fluorene	ND		1600	10
84-66-2	Diethyl phthalate	ND		1600	10
100-01-6	4-Nitroaniline	ND		27000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		27000	10
7005-72-3	4-Chlorophenyl phenylether	ND		1600	10
156-10-5	N-Nitrosodiphenylamine	ND		3200	10
103-33-3	Azobenzene	ND		3200	10
101-55-3	4-Bromophenyl phenylether	ND		3200	10
118-74-1	Hexachlorobenzene	ND		3200	10
87-86-5	Pentachlorophenol	ND		54000	10
85-01-8	Phenanthrene	2200		1600	10
120-12-7	Anthracene	620	T	1600	10
86-74-8	Carbazole	ND		5200	10
84-74-2	Di-n-butyl phthalate	ND		1600	10
206-44-0	Fluoranthene	1900		1600	10
129-00-0	Pyrene	1800		1600	10
85-68-7	Butyl benzyl phthalate	ND		1600	10
56-55-3	Benz(a)anthracene	ND		1600	10
218-01-9	Chrysene	800	T	1600	10
117-81-7	Bis(2-ethylhexyl)phthalate	820	T	3200	10
117-84-0	Di-n-octyl phthalate	ND		3200	10
205-99-2	Benzo(b)fluoranthene	ND		3200	10
207-08-9	Benzo(k)fluoranthene	ND		3200	10
50-32-8	Benzo(a)pyrene	ND		3200	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		3200	10
53-70-3	Dibenz(a,h)anthracene	ND		3200	10
191-24-2	Benzo(g,h,i)perylene	ND		3200	10

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

Reporting limits elevated due to matrix interference.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-04OS

Date Collected:	6/1/2000	Test Code:	SPCB
Date Extracted:	6/8/2000 by tm-1183	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	MC14-30-90
Total Solids:	63%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		160	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		160	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		160	1.0
53469-21-9	Aroclor 1242 (PCB)	220		160	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		160	1.0
11097-69-1	Aroclor 1254 (PCB)	690		160	1.0
11096-82-5	Aroclor 1260 (PCB)	ND		160	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		160	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		160	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-05ME

Date Collected:	6/1/2000	Test Code:	SME
		Test Name:	MEOH-Sed
Date Analyzed:	6/6/2000 by KL	Sample ID:	MC14-90-B
Total Solids:	80%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
75-71-8	Dichlorodifluoromethane	ND		310	49.2
74-87-3	Chloromethane	ND		310	49.2
75-01-4	Vinyl chloride	ND		120	49.2
74-83-9	Bromomethane	ND		310	49.2
75-00-3	Chloroethane	ND		310	49.2
75-69-4	Trichlorofluoromethane	ND		310	49.2
67-64-1	Acetone	ND		920	49.2
60-29-7	Diethyl ether	ND		310	49.2
75-35-4	1,1-Dichloroethylene	ND		62	49.2
74-88-4	Methyl iodide	ND		120	49.2
107-13-1	Acrylonitrile	ND		310	49.2
75-09-2	Methylene chloride	ND		310	49.2
75-15-0	Carbon disulfide	ND		310	49.2
156-60-5	trans-1,2-Dichloroethylene	ND		62	49.2
1634-04-4	Methyltertbutylether (MTBE)	ND		310	49.2
75-34-3	1,1-Dichloroethane	ND		62	49.2
78-93-3	2-Butanone (MEK)	ND		310	49.2
156-59-2	cis-1,2-Dichloroethylene	ND		62	49.2
67-66-3	Chloroform	ND		62	49.2
74-97-5	Bromochloromethane	ND		120	49.2
71-55-6	1,1,1-Trichloroethane	ND		62	49.2
107-06-2	1,2-Dichloroethane	ND		62	49.2
71-43-2	Benzene	ND		62	49.2
56-23-5	Carbon tetrachloride	ND		62	49.2
78-87-5	1,2-Dichloropropane	ND		62	49.2
79-01-6	Trichloroethylene	ND		62	49.2
74-95-3	Dibromomethane	ND		120	49.2
75-27-4	Bromodichloromethane	ND		120	49.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		310	49.2
10061-01-5	cis-1,3-Dichloropropene	ND		62	49.2
10061-02-6	trans-1,3-Dichloropropene	ND		62	49.2
108-88-3	Toluene	ND		62	49.2
79-00-5	1,1,2-Trichloroethane	ND		62	49.2
591-78-6	2-Hexanone	ND		310	49.2
124-48-1	Dibromochloromethane	ND		120	49.2
106-93-4	1,2-Dibromoethane	ND		62	49.2

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
127-18-4	Tetrachloroethene	ND		62	49.2
108-90-7	Chlorobenzene	ND		62	49.2
630-20-6	1,1,1,2-Tetrachloroethane	ND		120	49.2
100-41-4	Ethylbenzene	ND		62	49.2
108383,106423	m & p-Xylene	ND		120	49.2
75-25-2	Bromoform	ND		120	49.2
100-42-5	Styrene	ND		62	49.2
95-47-6	o-Xylene	ND		62	49.2
79-34-5	1,1,2,2-Tetrachloroethane	ND		120	49.2
96-18-4	1,2,3-Trichloropropane	ND		120	49.2
110-57-6	trans-1,4-Dichloro-2-butene	ND		120	49.2
98-82-8	Isopropylbenzene	ND		120	49.2
108-86-1	Bromobenzene	ND		120	49.2
103-65-1	n-Propylbenzene	ND		120	49.2
108-67-8	1,3,5-Trimethylbenzene	ND		120	49.2
98-06-6	tert-Butylbenzene	ND		310	49.2
95-63-6	1,2,4-Trimethylbenzene	ND		120	49.2
135-98-8	sec-Butylbenzene	ND		310	49.2
541-73-1	1,3-Dichlorobenzene	ND		120	49.2
106-46-7	1,4-Dichlorobenzene	ND		120	49.2
99-87-6	p-Isopropyl toluene	ND		310	49.2
95-50-1	1,2-Dichlorobenzene	ND		120	49.2
104-51-8	n-Butylbenzene	ND		310	49.2
67-72-1	Hexachloroethane	ND		120	49.2
96-12-8	1,2-Dibromo-3-chloropropane	ND		310	49.2
120-82-1	1,2,4-Trichlorobenzene	ND		310	49.2
91-20-3	Naphthalene	ND		310	49.2
87-61-6	1,2,3-Trichlorobenzene	ND		310	49.2
91-57-6	2-Methylnaphthalene	ND		310	49.2

"ST" code due to sample was preserved in the Lab.

ND = not detected at the specified reporting limit. NM = not measured.
Reference method is 8260.
USEPA Methods 8260 and 624 are used to quantitate volatile organic compounds that have boiling points below 200°C.
2-Methylnaphthalene and naphthalene are compounds with boiling points above 200°C and are better suited to quantitation by USEPA Methods 8270 or 625 as semivolatile organic compounds.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-05OS

Date Collected:	6/1/2000	Test Code:	SBNA
Date Extracted:	6/13/2000 by tm-1186	Test Name:	BNA - Sediment
Date Analyzed:	6/21/2000 by JRS	Sample ID:	MC14-90-B
Total Solids:	80%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		410	1
108-95-2	Phenol	ND		410	1
111-44-4	Bis(2-chloroethyl)ether	ND		120	1
95-57-8	2-Chlorophenol	ND		410	1
541-73-1	1,3-Dichlorobenzene	ND		120	1
106-46-7	1,4-Dichlorobenzene	ND		120	1
95-50-1	1,2-Dichlorobenzene	ND		120	1
95-48-7	2-Methylphenol (o-cresol)	ND		410	1
108-60-1	Bis(2-chloroisopropyl)ether	ND		120	1
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		820	1
621-64-7	N-Nitrosodi-n-propylamine	ND		250	1
67-72-1	Hexachloroethane	ND		120	1
98-95-3	Nitrobenzene	ND		250	1
78-59-1	Isophorone	ND		120	1
88-75-5	2-Nitrophenol	ND		410	1
105-67-9	2,4-Dimethylphenol	ND		410	1
111-91-1	Bis(2-chloroethoxy)methane	ND		250	1
120-83-2	2,4-Dichlorophenol	ND		410	1
120-82-1	1,2,4-Trichlorobenzene	ND		250	1
91-20-3	Naphthalene	ND		120	1
87-68-3	Hexachlorobutadiene	ND		250	1
59-50-7	4-Chloro-3-methylphenol	ND		410	1
91-57-6	2-Methylnaphthalene	ND		310	1
77-47-4	Hexachlorocyclopentadiene	ND		2500	1
88-06-2	2,4,6-Trichlorophenol	ND		410	1
95-95-4	2,4,5-Trichlorophenol	ND		410	1
91-58-7	2-Chloronaphthalene	ND		250	1
88-74-4	2-Nitroaniline	ND		2100	1
208-96-8	Acenaphthylene	ND		120	1
131-11-3	Dimethyl phthalate	ND		250	1
606-20-2	2,6-Dinitrotoluene	ND		410	1
99-09-2	3-Nitroaniline	ND		2100	1
83-32-9	Acenaphthene	ND		120	1
51-28-5	2,4-Dinitrophenol	ND		2100	1
132-64-9	Dibenzofuran	ND		410	1
100-02-7	4-Nitrophenol	ND		2100	1

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		410	1
86-73-7	Fluorene	ND		120	1
84-66-2	Diethyl phthalate	ND		120	1
100-01-6	4-Nitroaniline	ND		2100	1
534-52-1	2-Methyl-4,6-dinitrophenol	ND		2100	1
7005-72-3	4-Chlorophenyl phenylether	ND		120	1
156-10-5	N-Nitrosodiphenylamine	ND		250	1
103-33-3	Azobenzene	ND		250	1
101-55-3	4-Bromophenyl phenylether	ND		250	1
118-74-1	Hexachlorobenzene	ND		250	1
87-86-5	Pentachlorophenol	ND		4200	1
85-01-8	Phenanthrene	ND		120	1
120-12-7	Anthracene	ND		120	1
86-74-8	Carbazole	ND		410	1
84-74-2	Di-n-butyl phthalate	ND		120	1
206-44-0	Fluoranthene	ND		120	1
129-00-0	Pyrene	ND		120	1
85-68-7	Butyl benzyl phthalate	ND		120	1
56-55-3	Benz(a)anthracene	ND		120	1
218-01-9	Chrysene	ND		120	1
117-81-7	Bis(2-ethylhexyl)phthalate	ND		250	1
117-84-0	Di-n-octyl phthalate	ND		250	1
205-99-2	Benzo(b)fluoranthene	ND		250	1
207-08-9	Benzo(k)fluoranthene	ND		250	1
50-32-8	Benzo(a)pyrene	ND		250	1
193-39-5	Indeno(1,2,3-cd)pyrene	ND		250	1
53-70-3	Dibenz(a,h)anthracene	ND		250	1
191-24-2	Benzo(g,h,i)perylene	ND		250	1

The elevated reporting limits are due to matrix interferences.

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-05OS

Date Collected:	6/1/2000	Test Code:	SPCB
Date Extracted:	6/8/2000 by tm-1183	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	MC14-90-B
Total Solids:	80%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		120	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		120	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		120	1.0
53469-21-9	Aroclor 1242 (PCB)	ND		120	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		120	1.0
11097-69-1	Aroclor 1254 (PCB)	ND		120	1.0
11096-82-5	Aroclor 1260 (PCB)	ND		120	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		120	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		120	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-06ME

Date Collected:	6/1/2000	Test Code:	SME
		Test Name:	MEOH-Sed
Date Analyzed:	6/6/2000 by KL	Sample ID:	MC15-00-30
Total Solids:	46%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
75-71-8	Dichlorodifluoromethane	ND		540	49.4
74-87-3	Chloromethane	ND		540	49.4
75-01-4	Vinyl chloride	ND		210	49.4
74-83-9	Bromomethane	ND		540	49.4
75-00-3	Chloroethane	ND		540	49.4
75-69-4	Trichlorofluoromethane	ND		540	49.4
67-64-1	Acetone	ND		1600	49.4
60-29-7	Diethyl ether	ND		540	49.4
75-35-4	1,1-Dichloroethylene	ND		110	49.4
74-88-4	Methyl iodide	ND		210	49.4
107-13-1	Acrylonitrile	ND		540	49.4
75-09-2	Methylene chloride	ND		540	49.4
75-15-0	Carbon disulfide	ND		540	49.4
156-60-5	trans-1,2-Dichloroethylene	ND		110	49.4
1634-04-4	Methyltertbutylether (MTBE)	ND		540	49.4
75-34-3	1,1-Dichloroethane	ND		110	49.4
78-93-3	2-Butanone (MEK)	ND		540	49.4
156-59-2	cis-1,2-Dichloroethylene	ND		110	49.4
67-66-3	Chloroform	ND		110	49.4
74-97-5	Bromochloromethane	ND		210	49.4
71-55-6	1,1,1-Trichloroethane	ND		110	49.4
107-06-2	1,2-Dichloroethane	ND		110	49.4
71-43-2	Benzene	ND		110	49.4
56-23-5	Carbon tetrachloride	ND		110	49.4
78-87-5	1,2-Dichloropropane	ND		110	49.4
79-01-6	Trichloroethylene	ND		110	49.4
74-95-3	Dibromomethane	ND		210	49.4
75-27-4	Bromodichloromethane	ND		210	49.4
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		540	49.4
10061-01-5	cis-1,3-Dichloropropene	ND		110	49.4
10061-02-6	trans-1,3-Dichloropropene	ND		110	49.4
108-88-3	Toluene	3200	J	110	49.4
79-00-5	1,1,2-Trichloroethane	ND		110	49.4
591-78-6	2-Hexanone	ND		540	49.4
124-48-1	Dibromochloromethane	ND		210	49.4
106-93-4	1,2-Dibromoethane	ND		110	49.4

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
127-18-4	Tetrachloroethene	ND		110	49.4
108-90-7	Chlorobenzene	ND		110	49.4
630-20-6	1,1,1,2-Tetrachloroethane	ND		210	49.4
100-41-4	Ethylbenzene	ND		110	49.4
108383,106423	m & p-Xylene	ND		210	49.4
75-25-2	Bromoform	ND		210	49.4
100-42-5	Styrene	ND		110	49.4
95-47-6	o-Xylene	ND		110	49.4
79-34-5	1,1,2,2-Tetrachloroethane	ND		210	49.4
96-18-4	1,2,3-Trichloropropane	ND		210	49.4
110-57-6	trans-1,4-Dichloro-2-butene	ND		210	49.4
98-82-8	Isopropylbenzene	ND		210	49.4
108-86-1	Bromobenzene	ND		210	49.4
103-65-1	n-Propylbenzene	ND		210	49.4
108-67-8	1,3,5-Trimethylbenzene	ND		210	49.4
98-06-6	tert-Butylbenzene	ND		540	49.4
95-63-6	1,2,4-Trimethylbenzene	ND		210	49.4
135-98-8	sec-Butylbenzene	ND		540	49.4
541-73-1	1,3-Dichlorobenzene	ND		210	49.4
106-46-7	1,4-Dichlorobenzene	ND		210	49.4
99-87-6	p-Isopropyl toluene	ND		540	49.4
95-50-1	1,2-Dichlorobenzene	ND		210	49.4
104-51-8	n-Butylbenzene	ND		540	49.4
67-72-1	Hexachloroethane	ND		210	49.4
96-12-8	1,2-Dibromo-3-chloropropane	ND		540	49.4
120-82-1	1,2,4-Trichlorobenzene	ND		540	49.4
91-20-3	Naphthalene	ND		540	49.4
87-61-6	1,2,3-Trichlorobenzene	ND		540	49.4
91-57-6	2-Methylnaphthalene	ND		540	49.4

UnID Peaks.
"J" code all results and reporting limits due to low surrogate recoveries.
"ST" code due to sample was preserved in the Lab.

ND = not detected at the specified reporting limit. NM = not measured.
Reference method is 8260.
USEPA Methods 8260 and 624 are used to quantitate volatile organic compounds that have boiling points below 200°C.
2-Methylnaphthalene and naphthalene are compounds with boiling points above 200°C and are better suited to quantitation by USEPA Methods 8270 or 625 as semivolatile organic compounds.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-06OS

Date Collected:	6/1/2000	Test Code:	SBNA
Date Extracted:	6/13/2000 by tm-1186	Test Name:	BNA - Sediment
Date Analyzed:	6/21/2000 by GRINWISS	Sample ID:	MC15-00-30
Total Solids:	46%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		7200	10
108-95-2	Phenol	ND		7200	10
111-44-4	Bis(2-chloroethyl)ether	ND		2200	10
95-57-8	2-Chlorophenol	ND		7200	10
541-73-1	1,3-Dichlorobenzene	ND		2200	10
106-46-7	1,4-Dichlorobenzene	ND		2200	10
95-50-1	1,2-Dichlorobenzene	ND		2200	10
95-48-7	2-Methylphenol (o-cresol)	ND		7200	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		2200	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		14000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		4300	10
67-72-1	Hexachloroethane	ND		2200	10
98-95-3	Nitrobenzene	ND		4300	10
78-59-1	Isophorone	ND		2200	10
88-75-5	2-Nitrophenol	ND		7200	10
105-67-9	2,4-Dimethylphenol	ND		7200	10
111-91-1	Bis(2-chloroethoxy)methane	ND		4300	10
120-83-2	2,4-Dichlorophenol	ND		7200	10
120-82-1	1,2,4-Trichlorobenzene	ND		4300	10
91-20-3	Naphthalene	ND		2200	10
87-68-3	Hexachlorobutadiene	ND		4300	10
59-50-7	4-Chloro-3-methylphenol	ND		7200	10
91-57-6	2-Methylnaphthalene	ND		5400	10
77-47-4	Hexachlorocyclopentadiene	ND		43000	10
88-06-2	2,4,6-Trichlorophenol	ND		7200	10
95-95-4	2,4,5-Trichlorophenol	ND		7200	10
91-58-7	2-Chloronaphthalene	ND		4300	10
88-74-4	2-Nitroaniline	ND		37000	10
208-96-8	Acenaphthylene	ND		2200	10
131-11-3	Dimethyl phthalate	ND		4300	10
606-20-2	2,6-Dinitrotoluene	ND		7200	10
99-09-2	3-Nitroaniline	ND		37000	10
83-32-9	Acenaphthene	ND		2200	10
51-28-5	2,4-Dinitrophenol	ND		37000	10
132-64-9	Dibenzofuran	ND		7200	10
100-02-7	4-Nitrophenol	ND		37000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		7200	10
86-73-7	Fluorene	ND		2200	10
84-66-2	Diethyl phthalate	ND		2200	10
100-01-6	4-Nitroaniline	ND		37000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		37000	10
7005-72-3	4-Chlorophenyl phenylether	ND		2200	10
156-10-5	N-Nitrosodiphenylamine	ND		4300	10
103-33-3	Azobenzene	ND		4300	10
101-55-3	4-Bromophenyl phenylether	ND		4300	10
118-74-1	Hexachlorobenzene	ND		4300	10
87-86-5	Pentachlorophenol	ND		74000	10
85-01-8	Phenanthrene	ND		2200	10
120-12-7	Anthracene	ND		2200	10
86-74-8	Carbazole	ND		7200	10
84-74-2	Di-n-butyl phthalate	ND		2200	10
206-44-0	Fluoranthene	ND		2200	10
129-00-0	Pyrene	ND		2200	10
85-68-7	Butyl benzyl phthalate	ND		2200	10
56-55-3	Benz(a)anthracene	ND		2200	10
218-01-9	Chrysene	ND		2200	10
117-81-7	Bis(2-ethylhexyl)phthalate	ND		4300	10
117-84-0	Di-n-octyl phthalate	ND		4300	10
205-99-2	Benzo(b)fluoranthene	ND		4300	10
207-08-9	Benzo(k)fluoranthene	ND		4300	10
50-32-8	Benzo(a)pyrene	ND		4300	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		4300	10
53-70-3	Dibenz(a,h)anthracene	ND		4300	10
191-24-2	Benzo(g,h,i)perylene	ND		4300	10

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

Reporting limits elevated due to matrix interference.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-06OS

Date Collected:	6/1/2000	Test Code:	SPCB
Date Extracted:	6/8/2000 by tm-1183	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	MC15-00-30
Total Solids:	46%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		220	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		220	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		220	1.0
53469-21-9	Aroclor 1242 (PCB)	3300		220	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		220	1.0
11097-69-1	Aroclor 1254 (PCB)	3500		220	1.0
11096-82-5	Aroclor 1260 (PCB)	660		220	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		220	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		220	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

7460

J code all due to multiple overlapping PCB patterns

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-07ME

Date Collected:	6/1/2000	Test Code:	SME
		Test Name:	MEOH-Sed
Date Analyzed:	6/6/2000 by KL	Sample ID:	MC15-30-90
Total Solids:	53%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
75-71-8	Dichlorodifluoromethane	ND		460	48.6
74-87-3	Chloromethane	ND		460	48.6
75-01-4	Vinyl chloride	ND		180	48.6
74-83-9	Bromomethane	ND		460	48.6
75-00-3	Chloroethane	ND		460	48.6
75-69-4	Trichlorofluoromethane	ND		460	48.6
67-64-1	Acetone	ND		1400	48.6
60-29-7	Diethyl ether	ND		460	48.6
75-35-4	1,1-Dichloroethylene	ND		92	48.6
74-88-4	Methyl iodide	ND		180	48.6
107-13-1	Acrylonitrile	ND		460	48.6
75-09-2	Methylene chloride	ND		460	48.6
75-15-0	Carbon disulfide	ND		460	48.6
156-60-5	trans-1,2-Dichloroethylene	ND		92	48.6
1634-04-4	Methyltertbutylether (MTBE)	ND		460	48.6
75-34-3	1,1-Dichloroethane	ND		92	48.6
78-93-3	2-Butanone (MEK)	ND		460	48.6
156-59-2	cis-1,2-Dichloroethylene	ND		92	48.6
67-66-3	Chloroform	ND		92	48.6
74-97-5	Bromochloromethane	ND		180	48.6
71-55-6	1,1,1-Trichloroethane	ND		92	48.6
107-06-2	1,2-Dichloroethane	ND		92	48.6
71-43-2	Benzene	ND		92	48.6
56-23-5	Carbon tetrachloride	ND		92	48.6
78-87-5	1,2-Dichloropropane	ND		92	48.6
79-01-6	Trichloroethylene	ND		92	48.6
74-95-3	Dibromomethane	ND		180	48.6
75-27-4	Bromodichloromethane	ND		180	48.6
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		460	48.6
10061-01-5	cis-1,3-Dichloropropene	ND		92	48.6
10061-02-6	trans-1,3-Dichloropropene	ND		92	48.6
108-88-3	Toluene	120	J	92	48.6
79-00-5	1,1,2-Trichloroethane	ND		92	48.6
591-78-6	2-Hexanone	ND		460	48.6
124-48-1	Dibromochloromethane	ND		180	48.6
106-93-4	1,2-Dibromoethane	ND		92	48.6

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
127-18-4	Tetrachloroethene	ND		92	48.6
108-90-7	Chlorobenzene	ND		92	48.6
630-20-6	1,1,1,2-Tetrachloroethane	ND		180	48.6
100-41-4	Ethylbenzene	ND		92	48.6
108383,106423	m & p-Xylene	ND		180	48.6
75-25-2	Bromoform	ND		180	48.6
100-42-5	Styrene	ND		92	48.6
95-47-6	o-Xylene	ND		92	48.6
79-34-5	1,1,2,2-Tetrachloroethane	ND		180	48.6
96-18-4	1,2,3-Trichloropropane	ND		180	48.6
110-57-6	trans-1,4-Dichloro-2-butene	ND		180	48.6
98-82-8	Isopropylbenzene	ND		180	48.6
108-86-1	Bromobenzene	ND		180	48.6
103-65-1	n-Propylbenzene	ND		180	48.6
108-67-8	1,3,5-Trimethylbenzene	ND		180	48.6
98-06-6	tert-Butylbenzene	ND		460	48.6
95-63-6	1,2,4-Trimethylbenzene	ND		180	48.6
135-98-8	sec-Butylbenzene	ND		460	48.6
541-73-1	1,3-Dichlorobenzene	ND		180	48.6
106-46-7	1,4-Dichlorobenzene	ND		180	48.6
99-87-6	p-Isopropyl toluene	ND		460	48.6
95-50-1	1,2-Dichlorobenzene	ND		180	48.6
104-51-8	n-Butylbenzene	ND		460	48.6
67-72-1	Hexachloroethane	ND		180	48.6
96-12-8	1,2-Dibromo-3-chloropropane	ND		460	48.6
120-82-1	1,2,4-Trichlorobenzene	ND		460	48.6
91-20-3	Naphthalene	7700	J	460	48.6
87-61-6	1,2,3-Trichlorobenzene	ND		460	48.6
91-57-6	2-Methylnaphthalene	940	J	460	48.6

UnID Peaks.
"J" code all results and reporting limits due to low surrogate recoveries.
"ST" code due to sample was preserved in the Lab.

ND = not detected at the specified reporting limit. NM = not measured.
Reference method is 8260.
USEPA Methods 8260 and 624 are used to quantitate volatile organic compounds that have boiling points below 200°C.
2-Methylnaphthalene and naphthalene are compounds with boiling points above 200°C and are better suited to quantitation by USEPA Methods 8270 or 625 as semivolatile organic compounds.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-07OS

Date Collected:	6/1/2000	Test Code:	SBNA
Date Extracted:	6/13/2000 by tm-1186	Test Name:	BNA - Sediment
Date Analyzed:	6/21/2000 by GRINWISS	Sample ID:	MC15-30-90
Total Solids:	53%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		6200	10
108-95-2	Phenol	ND		6200	10
111-44-4	Bis(2-chloroethyl)ether	ND		1900	10
95-57-8	2-Chlorophenol	ND		6200	10
541-73-1	1,3-Dichlorobenzene	ND		1900	10
106-46-7	1,4-Dichlorobenzene	ND		1900	10
95-50-1	1,2-Dichlorobenzene	ND		1900	10
95-48-7	2-Methylphenol (o-cresol)	ND		6200	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		1900	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		12000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		3800	10
67-72-1	Hexachloroethane	ND		1900	10
98-95-3	Nitrobenzene	ND		3800	10
78-59-1	Isophorone	ND		1900	10
88-75-5	2-Nitrophenol	ND		6200	10
105-67-9	2,4-Dimethylphenol	ND		6200	10
111-91-1	Bis(2-chloroethoxy)methane	ND		3800	10
120-83-2	2,4-Dichlorophenol	ND		6200	10
120-82-1	1,2,4-Trichlorobenzene	ND		3800	10
91-20-3	Naphthalene	3700		1900	10
87-68-3	Hexachlorobutadiene	ND		3800	10
59-50-7	4-Chloro-3-methylphenol	ND		6200	10
91-57-6	2-Methylnaphthalene	ND		4700	10
77-47-4	Hexachlorocyclopentadiene	ND		38000	10
88-06-2	2,4,6-Trichlorophenol	ND		6200	10
95-95-4	2,4,5-Trichlorophenol	ND		6200	10
91-58-7	2-Chloronaphthalene	ND		3800	10
88-74-4	2-Nitroaniline	ND		32000	10
208-96-8	Acenaphthylene	ND		1900	10
131-11-3	Dimethyl phthalate	ND		3800	10
606-20-2	2,6-Dinitrotoluene	ND		6200	10
99-09-2	3-Nitroaniline	ND		32000	10
83-32-9	Acenaphthene	ND		1900	10
51-28-5	2,4-Dinitrophenol	ND		32000	10
132-64-9	Dibenzofuran	ND		6200	10
100-02-7	4-Nitrophenol	ND		32000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		6200	10
86-73-7	Fluorene	ND		1900	10
84-66-2	Diethyl phthalate	ND		1900	10
100-01-6	4-Nitroaniline	ND		32000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		32000	10
7005-72-3	4-Chlorophenyl phenylether	ND		1900	10
156-10-5	N-Nitrosodiphenylamine	ND		3800	10
103-33-3	Azobenzene	ND		3800	10
101-55-3	4-Bromophenyl phenylether	ND		3800	10
118-74-1	Hexachlorobenzene	ND		3800	10
87-86-5	Pentachlorophenol	ND		64000	10
85-01-8	Phenanthrene	890	T	1900	10
120-12-7	Anthracene	ND		1900	10
86-74-8	Carbazole	ND		6200	10
84-74-2	Di-n-butyl phthalate	ND		1900	10
206-44-0	Fluoranthene	800	T	1900	10
129-00-0	Pyrene	760	T	1900	10
85-68-7	Butyl benzyl phthalate	ND		1900	10
56-55-3	Benz(a)anthracene	ND		1900	10
218-01-9	Chrysene	ND		1900	10
117-81-7	Bis(2-ethylhexyl)phthalate	ND		3800	10
117-84-0	Di-n-octyl phthalate	ND		3800	10
205-99-2	Benzo(b)fluoranthene	ND		3800	10
207-08-9	Benzo(k)fluoranthene	ND		3800	10
50-32-8	Benzo(a)pyrene	ND		3800	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		3800	10
53-70-3	Dibenz(a,h)anthracene	ND		3800	10
191-24-2	Benzo(g,h,i)perylene	ND		3800	10

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

Reporting limits elevated due to matrix interference.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-07OS

Date Collected:	6/1/2000	Test Code:	SPCB
Date Extracted:	6/8/2000 by tm-1183	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	MC15-30-90
Total Solids:	53%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		190	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		190	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		190	1.0
53469-21-9	Aroclor 1242 (PCB)	730		190	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		190	1.0
11097-69-1	Aroclor 1254 (PCB)	1800		190	1.0
11096-82-5	Aroclor 1260 (PCB)	480		190	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		190	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		190	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-08ME

Date Collected:	6/1/2000	Test Code:	SME
		Test Name:	MEOH-Sed
Date Analyzed:	6/6/2000 by KL	Sample ID:	MC15-90-B
Total Solids:	78%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
75-71-8	Dichlorodifluoromethane	ND		320	49.6
74-87-3	Chloromethane	ND		320	49.6
75-01-4	Vinyl chloride	ND		130	49.6
74-83-9	Bromomethane	ND		320	49.6
75-00-3	Chloroethane	ND		320	49.6
75-69-4	Trichlorofluoromethane	ND		320	49.6
67-64-1	Acetone	ND		950	49.6
60-29-7	Diethyl ether	ND		320	49.6
75-35-4	1,1-Dichloroethylene	ND		64	49.6
74-88-4	Methyl iodide	ND		130	49.6
107-13-1	Acrylonitrile	ND		320	49.6
75-09-2	Methylene chloride	ND		320	49.6
75-15-0	Carbon disulfide	ND		320	49.6
156-60-5	trans-1,2-Dichloroethylene	ND		64	49.6
1634-04-4	Methyltertbutylether (MTBE)	ND		320	49.6
75-34-3	1,1-Dichloroethane	ND		64	49.6
78-93-3	2-Butanone (MEK)	ND		320	49.6
156-59-2	cis-1,2-Dichloroethylene	ND		64	49.6
67-66-3	Chloroform	ND		64	49.6
74-97-5	Bromochloromethane	ND		130	49.6
71-55-6	1,1,1-Trichloroethane	ND		64	49.6
107-06-2	1,2-Dichloroethane	ND		64	49.6
71-43-2	Benzene	ND		64	49.6
56-23-5	Carbon tetrachloride	ND		64	49.6
78-87-5	1,2-Dichloropropane	ND		64	49.6
79-01-6	Trichloroethylene	ND		64	49.6
74-95-3	Dibromomethane	ND		130	49.6
75-27-4	Bromodichloromethane	ND		130	49.6
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		320	49.6
10061-01-5	cis-1,3-Dichloropropene	ND		64	49.6
10061-02-6	trans-1,3-Dichloropropene	ND		64	49.6
108-88-3	Toluene	ND		64	49.6
79-00-5	1,1,2-Trichloroethane	ND		64	49.6
591-78-6	2-Hexanone	ND		320	49.6
124-48-1	Dibromochloromethane	ND		130	49.6
106-93-4	1,2-Dibromoethane	ND		64	49.6

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
127-18-4	Tetrachloroethene	ND		64	49.6
108-90-7	Chlorobenzene	ND		64	49.6
630-20-6	1,1,1,2-Tetrachloroethane	ND		130	49.6
100-41-4	Ethylbenzene	ND		64	49.6
108383,106423	m & p-Xylene	130		130	49.6
75-25-2	Bromoform	ND		130	49.6
100-42-5	Styrene	ND		64	49.6
95-47-6	o-Xylene	ND		64	49.6
79-34-5	1,1,2,2-Tetrachloroethane	ND		130	49.6
96-18-4	1,2,3-Trichloropropane	ND		130	49.6
110-57-6	trans-1,4-Dichloro-2-butene	ND		130	49.6
98-82-8	Isopropylbenzene	ND		130	49.6
108-86-1	Bromobenzene	ND		130	49.6
103-65-1	n-Propylbenzene	ND		130	49.6
108-67-8	1,3,5-Trimethylbenzene	ND		130	49.6
98-06-6	tert-Butylbenzene	ND		320	49.6
95-63-6	1,2,4-Trimethylbenzene	ND		130	49.6
135-98-8	sec-Butylbenzene	ND		320	49.6
541-73-1	1,3-Dichlorobenzene	ND		130	49.6
106-46-7	1,4-Dichlorobenzene	ND		130	49.6
99-87-6	p-Isopropyl toluene	ND		320	49.6
95-50-1	1,2-Dichlorobenzene	ND		130	49.6
104-51-8	n-Butylbenzene	ND		320	49.6
67-72-1	Hexachloroethane	ND		130	49.6
96-12-8	1,2-Dibromo-3-chloropropane	ND		320	49.6
120-82-1	1,2,4-Trichlorobenzene	ND		320	49.6
91-20-3	Naphthalene	5600		320	49.6
87-61-6	1,2,3-Trichlorobenzene	ND		320	49.6
91-57-6	2-Methylnaphthalene	310	T	320	49.6

"ST" code due to sample was preserved in the Lab.

ND = not detected at the specified reporting limit. NM = not measured.
Reference method is 8260.
USEPA Methods 8260 and 624 are used to quantitate volatile organic compounds that have boiling points below 200°C.
2-Methylnaphthalene and naphthalene are compounds with boiling points above 200°C and are better suited to quantitation by USEPA Methods 8270 or 625 as semivolatile organic compounds.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-08OS

Date Collected:	6/1/2000	Test Code:	SBNA
Date Extracted:	6/13/2000 by tm-1186	Test Name:	BNA - Sediment
Date Analyzed:	6/20/2000 by JRS	Sample ID:	MC15-90-B
Total Solids:	78%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		4200	10
108-95-2	Phenol	ND		4200	10
111-44-4	Bis(2-chloroethyl)ether	ND		1300	10
95-57-8	2-Chlorophenol	ND		4200	10
541-73-1	1,3-Dichlorobenzene	ND		1300	10
106-46-7	1,4-Dichlorobenzene	ND		1300	10
95-50-1	1,2-Dichlorobenzene	ND		1300	10
95-48-7	2-Methylphenol (o-cresol)	ND		4200	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		1300	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		8500	10
621-64-7	N-Nitrosodi-n-propylamine	ND		2600	10
67-72-1	Hexachloroethane	ND		1300	10
98-95-3	Nitrobenzene	ND		2600	10
78-59-1	Isophorone	ND		1300	10
88-75-5	2-Nitrophenol	ND		4200	10
105-67-9	2,4-Dimethylphenol	ND		4200	10
111-91-1	Bis(2-chloroethoxy)methane	ND		2600	10
120-83-2	2,4-Dichlorophenol	ND		4200	10
120-82-1	1,2,4-Trichlorobenzene	ND		2600	10
91-20-3	Naphthalene	6900		1300	10
87-68-3	Hexachlorobutadiene	ND		2600	10
59-50-7	4-Chloro-3-methylphenol	ND		4200	10
91-57-6	2-Methylnaphthalene	ND		3200	10
77-47-4	Hexachlorocyclopentadiene	ND		26000	10
88-06-2	2,4,6-Trichlorophenol	ND		4200	10
95-95-4	2,4,5-Trichlorophenol	ND		4200	10
91-58-7	2-Chloronaphthalene	ND		2600	10
88-74-4	2-Nitroaniline	ND		22000	10
208-96-8	Acenaphthylene	ND		1300	10
131-11-3	Dimethyl phthalate	ND		2600	10
606-20-2	2,6-Dinitrotoluene	ND		4200	10
99-09-2	3-Nitroaniline	ND		22000	10
83-32-9	Acenaphthene	ND		1300	10
51-28-5	2,4-Dinitrophenol	ND		22000	10
132-64-9	Dibenzofuran	ND		4200	10
100-02-7	4-Nitrophenol	ND		22000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		4200	10
86-73-7	Fluorene	ND		1300	10
84-66-2	Diethyl phthalate	ND		1300	10
100-01-6	4-Nitroaniline	ND		22000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		22000	10
7005-72-3	4-Chlorophenyl phenylether	ND		1300	10
156-10-5	N-Nitrosodiphenylamine	ND		2600	10
103-33-3	Azobenzene	ND		2600	10
101-55-3	4-Bromophenyl phenylether	ND		2600	10
118-74-1	Hexachlorobenzene	ND		2600	10
87-86-5	Pentachlorophenol	ND		44000	10
85-01-8	Phenanthrene	810	T	1300	10
120-12-7	Anthracene	ND		1300	10
86-74-8	Carbazole	ND		4200	10
84-74-2	Di-n-butyl phthalate	ND		1300	10
206-44-0	Fluoranthene	600	T	1300	10
129-00-0	Pyrene	ND		1300	10
85-68-7	Butyl benzyl phthalate	ND		1300	10
56-55-3	Benz(a)anthracene	ND		1300	10
218-01-9	Chrysene	ND		1300	10
117-81-7	Bis(2-ethylhexyl)phthalate	ND		2600	10
117-84-0	Di-n-octyl phthalate	ND		2600	10
205-99-2	Benzo(b)fluoranthene	ND		2600	10
207-08-9	Benzo(k)fluoranthene	ND		2600	10
50-32-8	Benzo(a)pyrene	ND		2600	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		2600	10
53-70-3	Dibenz(a,h)anthracene	ND		2600	10
191-24-2	Benzo(g,h,i)perylene	ND		2600	10

The elevated reporting limits are due to matrix interferences.

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-08OS

Date Collected:	6/1/2000	Test Code:	SPCB
Date Extracted:	6/12/2000 by tm-1185	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	MC15-90-B
Total Solids:	78%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		130	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		130	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		130	1.0
53469-21-9	Aroclor 1242 (PCB)	ND		130	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		130	1.0
11097-69-1	Aroclor 1254 (PCB)	ND		130	1.0
11096-82-5	Aroclor 1260 (PCB)	ND		130	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		130	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		130	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-09ME

Date Collected:	6/1/2000	Test Code:	SME
		Test Name:	MEOH-Sed
Date Analyzed:	6/6/2000 by KL	Sample ID:	MC16-00-30
Total Solids:	45%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
75-71-8	Dichlorodifluoromethane	ND		540	48.7
74-87-3	Chloromethane	ND		540	48.7
75-01-4	Vinyl chloride	ND		220	48.7
74-83-9	Bromomethane	ND		540	48.7
75-00-3	Chloroethane	ND		540	48.7
75-69-4	Trichlorofluoromethane	ND		540	48.7
67-64-1	Acetone	ND		1600	48.7
60-29-7	Diethyl ether	ND		540	48.7
75-35-4	1,1-Dichloroethylene	ND		110	48.7
74-88-4	Methyl iodide	ND		220	48.7
107-13-1	Acrylonitrile	ND		540	48.7
75-09-2	Methylene chloride	ND		540	48.7
75-15-0	Carbon disulfide	ND		540	48.7
156-60-5	trans-1,2-Dichloroethylene	ND		110	48.7
1634-04-4	Methyltertbutylether (MTBE)	ND		540	48.7
75-34-3	1,1-Dichloroethane	ND		110	48.7
78-93-3	2-Butanone (MEK)	ND		540	48.7
156-59-2	cis-1,2-Dichloroethylene	ND		110	48.7
67-66-3	Chloroform	ND		110	48.7
74-97-5	Bromochloromethane	ND		220	48.7
71-55-6	1,1,1-Trichloroethane	ND		110	48.7
107-06-2	1,2-Dichloroethane	ND		110	48.7
71-43-2	Benzene	ND		110	48.7
56-23-5	Carbon tetrachloride	ND		110	48.7
78-87-5	1,2-Dichloropropane	ND		110	48.7
79-01-6	Trichloroethylene	ND		110	48.7
74-95-3	Dibromomethane	ND		220	48.7
75-27-4	Bromodichloromethane	ND		220	48.7
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		540	48.7
10061-01-5	cis-1,3-Dichloropropene	ND		110	48.7
10061-02-6	trans-1,3-Dichloropropene	ND		110	48.7
108-88-3	Toluene	3800	J	110	48.7
79-00-5	1,1,2-Trichloroethane	ND		110	48.7
591-78-6	2-Hexanone	ND		540	48.7
124-48-1	Dibromochloromethane	ND		220	48.7
106-93-4	1,2-Dibromoethane	ND		110	48.7

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
127-18-4	Tetrachloroethene	ND		110	48.7
108-90-7	Chlorobenzene	ND		110	48.7
630-20-6	1,1,1,2-Tetrachloroethane	ND		220	48.7
100-41-4	Ethylbenzene	ND		110	48.7
108383,106423	m & p-Xylene	ND		220	48.7
75-25-2	Bromoform	ND		220	48.7
100-42-5	Styrene	ND		110	48.7
95-47-6	o-Xylene	ND		110	48.7
79-34-5	1,1,2,2-Tetrachloroethane	ND		220	48.7
96-18-4	1,2,3-Trichloropropane	ND		220	48.7
110-57-6	trans-1,4-Dichloro-2-butene	ND		220	48.7
98-82-8	Isopropylbenzene	ND		220	48.7
108-86-1	Bromobenzene	ND		220	48.7
103-65-1	n-Propylbenzene	ND		220	48.7
108-67-8	1,3,5-Trimethylbenzene	ND		220	48.7
98-06-6	tert-Butylbenzene	ND		540	48.7
95-63-6	1,2,4-Trimethylbenzene	ND		220	48.7
135-98-8	sec-Butylbenzene	ND		540	48.7
541-73-1	1,3-Dichlorobenzene	ND		220	48.7
106-46-7	1,4-Dichlorobenzene	ND		220	48.7
99-87-6	p-Isopropyl toluene	ND		540	48.7
95-50-1	1,2-Dichlorobenzene	ND		220	48.7
104-51-8	n-Butylbenzene	ND		540	48.7
67-72-1	Hexachloroethane	ND		220	48.7
96-12-8	1,2-Dibromo-3-chloropropane	ND		540	48.7
120-82-1	1,2,4-Trichlorobenzene	ND		540	48.7
91-20-3	Naphthalene	ND		540	48.7
87-61-6	1,2,3-Trichlorobenzene	ND		540	48.7
91-57-6	2-Methylnaphthalene	ND		540	48.7

UnID Peaks.
"J" code all results and reporting limits due to low surrogate recoveries.
"ST" code due to sample was preserved in the Lab.

ND = not detected at the specified reporting limit. NM = not measured.
Reference method is 8260.
USEPA Methods 8260 and 624 are used to quantitate volatile organic compounds that have boiling points below 200°C.
2-Methylnaphthalene and naphthalene are compounds with boiling points above 200°C and are better suited to quantitation by USEPA Methods 8270 or 625 as semivolatile organic compounds.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-09OS

Date Collected:	6/1/2000	Test Code:	SBNA
Date Extracted:	6/13/2000 by tm-1186	Test Name:	BNA - Sediment
Date Analyzed:	6/21/2000 by JRS	Sample ID:	MC16-00-30
Total Solids:	45%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		730	1
108-95-2	Phenol	ND		730	1
111-44-4	Bis(2-chloroethyl)ether	ND		220	1
95-57-8	2-Chlorophenol	ND		730	1
541-73-1	1,3-Dichlorobenzene	ND		220	1
106-46-7	1,4-Dichlorobenzene	ND		220	1
95-50-1	1,2-Dichlorobenzene	ND		220	1
95-48-7	2-Methylphenol (o-cresol)	ND		730	1
108-60-1	Bis(2-chloroisopropyl)ether	ND		220	1
108394,106445	3/4-Methylphenol (m/p-cresol)	720	T	1500	1
621-64-7	N-Nitrosodi-n-propylamine	ND		440	1
67-72-1	Hexachloroethane	ND		220	1
98-95-3	Nitrobenzene	ND		440	1
78-59-1	Isophorone	ND		220	1
88-75-5	2-Nitrophenol	ND		730	1
105-67-9	2,4-Dimethylphenol	ND		730	1
111-91-1	Bis(2-chloroethoxy)methane	ND		440	1
120-83-2	2,4-Dichlorophenol	ND		730	1
120-82-1	1,2,4-Trichlorobenzene	ND		440	1
91-20-3	Naphthalene	320		220	1
87-68-3	Hexachlorobutadiene	ND		440	1
59-50-7	4-Chloro-3-methylphenol	ND		730	1
91-57-6	2-Methylnaphthalene	ND		560	1
77-47-4	Hexachlorocyclopentadiene	ND		4400	1
88-06-2	2,4,6-Trichlorophenol	ND		730	1
95-95-4	2,4,5-Trichlorophenol	ND		730	1
91-58-7	2-Chloronaphthalene	ND		440	1
88-74-4	2-Nitroaniline	ND		3800	1
208-96-8	Acenaphthylene	ND		220	1
131-11-3	Dimethyl phthalate	ND		440	1
606-20-2	2,6-Dinitrotoluene	ND		730	1
99-09-2	3-Nitroaniline	ND		3800	1
83-32-9	Acenaphthene	ND		220	1
51-28-5	2,4-Dinitrophenol	ND		3800	1
132-64-9	Dibenzofuran	ND		730	1
100-02-7	4-Nitrophenol	ND		3800	1

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		730	1
86-73-7	Fluorene	ND		220	1
84-66-2	Diethyl phthalate	ND		220	1
100-01-6	4-Nitroaniline	ND		3800	1
534-52-1	2-Methyl-4,6-dinitrophenol	ND		3800	1
7005-72-3	4-Chlorophenyl phenylether	ND		220	1
156-10-5	N-Nitrosodiphenylamine	ND		440	1
103-33-3	Azobenzene	ND		440	1
101-55-3	4-Bromophenyl phenylether	ND		440	1
118-74-1	Hexachlorobenzene	ND		440	1
87-86-5	Pentachlorophenol	ND		7600	1
85-01-8	Phenanthrene	600		220	1
120-12-7	Anthracene	120	T	220	1
86-74-8	Carbazole	ND		730	1
84-74-2	Di-n-butyl phthalate	ND		220	1
206-44-0	Fluoranthene	620		220	1
129-00-0	Pyrene	480		220	1
85-68-7	Butyl benzyl phthalate	ND		220	1
56-55-3	Benz(a)anthracene	200	T	220	1
218-01-9	Chrysene	260		220	1
117-81-7	Bis(2-ethylhexyl)phthalate	1800		440	1
117-84-0	Di-n-octyl phthalate	ND		440	1
205-99-2	Benzo(b)fluoranthene	ND		440	1
207-08-9	Benzo(k)fluoranthene	ND		440	1
50-32-8	Benzo(a)pyrene	ND		440	1
193-39-5	Indeno(1,2,3-cd)pyrene	ND		440	1
53-70-3	Dibenz(a,h)anthracene	ND		440	1
191-24-2	Benzo(g,h,i)perylene	ND		440	1

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-09OS

Date Collected:	6/1/2000	Test Code:	SPCB
Date Extracted:	6/12/2000 by tm-1185	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	MC16-00-30
Total Solids:	45%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		220	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		220	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		220	1.0
53469-21-9	Aroclor 1242 (PCB)	5700		220	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		220	1.0
11097-69-1	Aroclor 1254 (PCB)	5600		220	1.0
11096-82-5	Aroclor 1260 (PCB)	1500		220	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		220	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		220	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns
LH - low surrogate recovery

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-10ME

Date Collected:	6/1/2000	Test Code:	SME
		Test Name:	MEOH-Sed
Date Analyzed:	6/6/2000 by KL	Sample ID:	MC16-30-90
Total Solids:	48%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
75-71-8	Dichlorodifluoromethane	ND		520	50.3
74-87-3	Chloromethane	ND		520	50.3
75-01-4	Vinyl chloride	ND		210	50.3
74-83-9	Bromomethane	ND		520	50.3
75-00-3	Chloroethane	ND		520	50.3
75-69-4	Trichlorofluoromethane	ND		520	50.3
67-64-1	Acetone	ND		1600	50.3
60-29-7	Diethyl ether	ND		520	50.3
75-35-4	1,1-Dichloroethylene	ND		100	50.3
74-88-4	Methyl iodide	ND		210	50.3
107-13-1	Acrylonitrile	ND		520	50.3
75-09-2	Methylene chloride	ND		520	50.3
75-15-0	Carbon disulfide	ND		520	50.3
156-60-5	trans-1,2-Dichloroethylene	ND		100	50.3
1634-04-4	Methyltertbutylether (MTBE)	ND		520	50.3
75-34-3	1,1-Dichloroethane	ND		100	50.3
78-93-3	2-Butanone (MEK)	ND		520	50.3
156-59-2	cis-1,2-Dichloroethylene	ND		100	50.3
67-66-3	Chloroform	ND		100	50.3
74-97-5	Bromochloromethane	ND		210	50.3
71-55-6	1,1,1-Trichloroethane	ND		100	50.3
107-06-2	1,2-Dichloroethane	ND		100	50.3
71-43-2	Benzene	ND		100	50.3
56-23-5	Carbon tetrachloride	ND		100	50.3
78-87-5	1,2-Dichloropropane	ND		100	50.3
79-01-6	Trichloroethylene	ND		100	50.3
74-95-3	Dibromomethane	ND		210	50.3
75-27-4	Bromodichloromethane	ND		210	50.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		520	50.3
10061-01-5	cis-1,3-Dichloropropene	ND		100	50.3
10061-02-6	trans-1,3-Dichloropropene	ND		100	50.3
108-88-3	Toluene	310	J	100	50.3
79-00-5	1,1,2-Trichloroethane	ND		100	50.3
591-78-6	2-Hexanone	ND		520	50.3
124-48-1	Dibromochloromethane	ND		210	50.3
106-93-4	1,2-Dibromoethane	ND		100	50.3

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
127-18-4	Tetrachloroethene	ND		100	50.3
108-90-7	Chlorobenzene	ND		100	50.3
630-20-6	1,1,1,2-Tetrachloroethane	ND		210	50.3
100-41-4	Ethylbenzene	ND		100	50.3
108383,106423	m & p-Xylene	ND		210	50.3
75-25-2	Bromoform	ND		210	50.3
100-42-5	Styrene	ND		100	50.3
95-47-6	o-Xylene	ND		100	50.3
79-34-5	1,1,2,2-Tetrachloroethane	ND		210	50.3
96-18-4	1,2,3-Trichloropropane	ND		210	50.3
110-57-6	trans-1,4-Dichloro-2-butene	ND		210	50.3
98-82-8	Isopropylbenzene	ND		210	50.3
108-86-1	Bromobenzene	ND		210	50.3
103-65-1	n-Propylbenzene	ND		210	50.3
108-67-8	1,3,5-Trimethylbenzene	ND		210	50.3
98-06-6	tert-Butylbenzene	ND		520	50.3
95-63-6	1,2,4-Trimethylbenzene	ND		210	50.3
135-98-8	sec-Butylbenzene	ND		520	50.3
541-73-1	1,3-Dichlorobenzene	ND		210	50.3
106-46-7	1,4-Dichlorobenzene	ND		210	50.3
99-87-6	p-Isopropyl toluene	ND		520	50.3
95-50-1	1,2-Dichlorobenzene	ND		210	50.3
104-51-8	n-Butylbenzene	ND		520	50.3
67-72-1	Hexachloroethane	ND		210	50.3
96-12-8	1,2-Dibromo-3-chloropropane	ND		520	50.3
120-82-1	1,2,4-Trichlorobenzene	ND		520	50.3
91-20-3	Naphthalene	450	T	520	50.3
87-61-6	1,2,3-Trichlorobenzene	ND		520	50.3
91-57-6	2-Methylnaphthalene	ND		520	50.3

UnID Peaks.
"J" code all results and reporting limits due to low surrogate recoveries.
"ST" code due to sample was preserved in the Lab.

ND = not detected at the specified reporting limit. NM = not measured.
Reference method is 8260.
USEPA Methods 8260 and 624 are used to quantitate volatile organic compounds that have boiling points below 200°C.
2-Methylnaphthalene and naphthalene are compounds with boiling points above 200°C and are better suited to quantitation by USEPA Methods 8270 or 625 as semivolatile organic compounds.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-10OS

Date Collected:	6/1/2000	Test Code:	SBNA
Date Extracted:	6/13/2000 by tm-1186	Test Name:	BNA - Sediment
Date Analyzed:	6/22/2000 by SMG	Sample ID:	MC16-30-90
Total Solids:	48%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		6900	10
108-95-2	Phenol	ND		6900	10
111-44-4	Bis(2-chloroethyl)ether	ND		2100	10
95-57-8	2-Chlorophenol	ND		6900	10
541-73-1	1,3-Dichlorobenzene	ND		2100	10
106-46-7	1,4-Dichlorobenzene	ND		2100	10
95-50-1	1,2-Dichlorobenzene	ND		2100	10
95-48-7	2-Methylphenol (o-cresol)	ND		6900	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		2100	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		14000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		4200	10
67-72-1	Hexachloroethane	ND		2100	10
98-95-3	Nitrobenzene	ND		4200	10
78-59-1	Isophorone	ND		2100	10
88-75-5	2-Nitrophenol	ND		6900	10
105-67-9	2,4-Dimethylphenol	ND		6900	10
111-91-1	Bis(2-chloroethoxy)methane	ND		4200	10
120-83-2	2,4-Dichlorophenol	ND		6900	10
120-82-1	1,2,4-Trichlorobenzene	ND		4200	10
91-20-3	Naphthalene	ND		2100	10
87-68-3	Hexachlorobutadiene	ND		4200	10
59-50-7	4-Chloro-3-methylphenol	ND		6900	10
91-57-6	2-Methylnaphthalene	ND		5200	10
77-47-4	Hexachlorocyclopentadiene	ND		42000	10
88-06-2	2,4,6-Trichlorophenol	ND		6900	10
95-95-4	2,4,5-Trichlorophenol	ND		6900	10
91-58-7	2-Chloronaphthalene	ND		4200	10
88-74-4	2-Nitroaniline	ND		35000	10
208-96-8	Acenaphthylene	ND		2100	10
131-11-3	Dimethyl phthalate	ND		4200	10
606-20-2	2,6-Dinitrotoluene	ND		6900	10
99-09-2	3-Nitroaniline	ND		35000	10
83-32-9	Acenaphthene	ND		2100	10
51-28-5	2,4-Dinitrophenol	ND		35000	10
132-64-9	Dibenzofuran	ND		6900	10
100-02-7	4-Nitrophenol	ND		35000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		6900	10
86-73-7	Fluorene	ND		2100	10
84-66-2	Diethyl phthalate	ND		2100	10
100-01-6	4-Nitroaniline	ND		35000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		35000	10
7005-72-3	4-Chlorophenyl phenylether	ND		2100	10
156-10-5	N-Nitrosodiphenylamine	ND		4200	10
103-33-3	Azobenzene	ND		4200	10
101-55-3	4-Bromophenyl phenylether	ND		4200	10
118-74-1	Hexachlorobenzene	ND		4200	10
87-86-5	Pentachlorophenol	ND		71000	10
85-01-8	Phenanthrene	1200	T	2100	10
120-12-7	Anthracene	ND		2100	10
86-74-8	Carbazole	ND		6900	10
84-74-2	Di-n-butyl phthalate	ND		2100	10
206-44-0	Fluoranthene	1000	T	2100	10
129-00-0	Pyrene	1100	T	2100	10
85-68-7	Butyl benzyl phthalate	ND		2100	10
56-55-3	Benz(a)anthracene	ND		2100	10
218-01-9	Chrysene	ND		2100	10
117-81-7	Bis(2-ethylhexyl)phthalate	3600	T	4200	10
117-84-0	Di-n-octyl phthalate	ND		4200	10
205-99-2	Benzo(b)fluoranthene	ND		4200	10
207-08-9	Benzo(k)fluoranthene	ND		4200	10
50-32-8	Benzo(a)pyrene	ND		4200	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		4200	10
53-70-3	Dibenz(a,h)anthracene	ND		4200	10
191-24-2	Benzo(g,h,i)perylene	ND		4200	10

The elevated reporting limits are due to matrix interferences.

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-10OS

Date Collected:	6/1/2000	Test Code:	SPCB
Date Extracted:	6/12/2000 by tm-1185	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	MC16-30-90
Total Solids:	48%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		210	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		210	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		210	1.0
53469-21-9	Aroclor 1242 (PCB)	3100		210	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		210	1.0
11097-69-1	Aroclor 1254 (PCB)	4600		210	1.0
11096-82-5	Aroclor 1260 (PCB)	980		210	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		210	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		210	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns
LH - low surrogate recovery

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-11ME

Date Collected:	6/1/2000	Test Code:	SME
		Test Name:	MEOH-Sed
Date Analyzed:	6/6/2000 by KL	Sample ID:	MC16-30-90DUP
Total Solids:	48%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
75-71-8	Dichlorodifluoromethane	ND		530	50.8
74-87-3	Chloromethane	ND		530	50.8
75-01-4	Vinyl chloride	ND		210	50.8
74-83-9	Bromomethane	ND		530	50.8
75-00-3	Chloroethane	ND		530	50.8
75-69-4	Trichlorofluoromethane	ND		530	50.8
67-64-1	Acetone	ND		1600	50.8
60-29-7	Diethyl ether	ND		530	50.8
75-35-4	1,1-Dichloroethylene	ND		110	50.8
74-88-4	Methyl iodide	ND		210	50.8
107-13-1	Acrylonitrile	ND		530	50.8
75-09-2	Methylene chloride	ND		530	50.8
75-15-0	Carbon disulfide	ND		530	50.8
156-60-5	trans-1,2-Dichloroethylene	ND		110	50.8
1634-04-4	Methyltertbutylether (MTBE)	ND		530	50.8
75-34-3	1,1-Dichloroethane	ND		110	50.8
78-93-3	2-Butanone (MEK)	ND		530	50.8
156-59-2	cis-1,2-Dichloroethylene	ND		110	50.8
67-66-3	Chloroform	ND		110	50.8
74-97-5	Bromochloromethane	ND		210	50.8
71-55-6	1,1,1-Trichloroethane	ND		110	50.8
107-06-2	1,2-Dichloroethane	ND		110	50.8
71-43-2	Benzene	ND		110	50.8
56-23-5	Carbon tetrachloride	ND		110	50.8
78-87-5	1,2-Dichloropropane	ND		110	50.8
79-01-6	Trichloroethylene	ND		110	50.8
74-95-3	Dibromomethane	ND		210	50.8
75-27-4	Bromodichloromethane	ND		210	50.8
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		530	50.8
10061-01-5	cis-1,3-Dichloropropene	ND		110	50.8
10061-02-6	trans-1,3-Dichloropropene	ND		110	50.8
108-88-3	Toluene	320		110	50.8
79-00-5	1,1,2-Trichloroethane	ND		110	50.8
591-78-6	2-Hexanone	ND		530	50.8
124-48-1	Dibromochloromethane	ND		210	50.8
106-93-4	1,2-Dibromoethane	ND		110	50.8

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
127-18-4	Tetrachloroethene	ND		110	50.8
108-90-7	Chlorobenzene	ND		110	50.8
630-20-6	1,1,1,2-Tetrachloroethane	ND		210	50.8
100-41-4	Ethylbenzene	ND		110	50.8
108383,106423	m & p-Xylene	ND		210	50.8
75-25-2	Bromoform	ND		210	50.8
100-42-5	Styrene	ND		110	50.8
95-47-6	o-Xylene	ND		110	50.8
79-34-5	1,1,2,2-Tetrachloroethane	ND		210	50.8
96-18-4	1,2,3-Trichloropropane	ND		210	50.8
110-57-6	trans-1,4-Dichloro-2-butene	ND		210	50.8
98-82-8	Isopropylbenzene	ND		210	50.8
108-86-1	Bromobenzene	ND		210	50.8
103-65-1	n-Propylbenzene	ND		210	50.8
108-67-8	1,3,5-Trimethylbenzene	ND		210	50.8
98-06-6	tert-Butylbenzene	ND		530	50.8
95-63-6	1,2,4-Trimethylbenzene	ND		210	50.8
135-98-8	sec-Butylbenzene	ND		530	50.8
541-73-1	1,3-Dichlorobenzene	ND		210	50.8
106-46-7	1,4-Dichlorobenzene	ND		210	50.8
99-87-6	p-Isopropyl toluene	ND		530	50.8
95-50-1	1,2-Dichlorobenzene	ND		210	50.8
104-51-8	n-Butylbenzene	ND		530	50.8
67-72-1	Hexachloroethane	ND		210	50.8
96-12-8	1,2-Dibromo-3-chloropropane	ND		530	50.8
120-82-1	1,2,4-Trichlorobenzene	ND		530	50.8
91-20-3	Naphthalene	530		530	50.8
87-61-6	1,2,3-Trichlorobenzene	ND		530	50.8
91-57-6	2-Methylnaphthalene	ND		530	50.8

UnID Peaks.
"J" code all results and reporting limits due to low surrogate recoveries.
"ST" code due to sample was preserved in the Lab.

ND = not detected at the specified reporting limit. NM = not measured.
Reference method is 8260.
USEPA Methods 8260 and 624 are used to quantitate volatile organic compounds that have boiling points below 200°C.
2-Methylnaphthalene and naphthalene are compounds with boiling points above 200°C and are better suited to quantitation by USEPA Methods 8270 or 625 as semivolatile organic compounds.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-11OS

Date Collected:	6/1/2000	Test Code:	SBNA
Date Extracted:	6/13/2000 by tm-1186	Test Name:	BNA - Sediment
Date Analyzed:	6/22/2000 by SMG	Sample ID:	MC16-30-90DUP
Total Solids:	48%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		6900	10
108-95-2	Phenol	ND		6900	10
111-44-4	Bis(2-chloroethyl)ether	ND		2100	10
95-57-8	2-Chlorophenol	ND		6900	10
541-73-1	1,3-Dichlorobenzene	ND		2100	10
106-46-7	1,4-Dichlorobenzene	ND		2100	10
95-50-1	1,2-Dichlorobenzene	ND		2100	10
95-48-7	2-Methylphenol (o-cresol)	ND		6900	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		2100	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		14000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		4200	10
67-72-1	Hexachloroethane	ND		2100	10
98-95-3	Nitrobenzene	ND		4200	10
78-59-1	Isophorone	ND		2100	10
88-75-5	2-Nitrophenol	ND		6900	10
105-67-9	2,4-Dimethylphenol	ND		6900	10
111-91-1	Bis(2-chloroethoxy)methane	ND		4200	10
120-83-2	2,4-Dichlorophenol	ND		6900	10
120-82-1	1,2,4-Trichlorobenzene	ND		4200	10
91-20-3	Naphthalene	ND		2100	10
87-68-3	Hexachlorobutadiene	ND		4200	10
59-50-7	4-Chloro-3-methylphenol	ND		6900	10
91-57-6	2-Methylnaphthalene	ND		5200	10
77-47-4	Hexachlorocyclopentadiene	ND		42000	10
88-06-2	2,4,6-Trichlorophenol	ND		6900	10
95-95-4	2,4,5-Trichlorophenol	ND		6900	10
91-58-7	2-Chloronaphthalene	ND		4200	10
88-74-4	2-Nitroaniline	ND		35000	10
208-96-8	Acenaphthylene	ND		2100	10
131-11-3	Dimethyl phthalate	ND		4200	10
606-20-2	2,6-Dinitrotoluene	ND		6900	10
99-09-2	3-Nitroaniline	ND		35000	10
83-32-9	Acenaphthene	ND		2100	10
51-28-5	2,4-Dinitrophenol	ND		35000	10
132-64-9	Dibenzofuran	ND		6900	10
100-02-7	4-Nitrophenol	ND		35000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		6900	10
86-73-7	Fluorene	ND		2100	10
84-66-2	Diethyl phthalate	ND		2100	10
100-01-6	4-Nitroaniline	ND		35000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		35000	10
7005-72-3	4-Chlorophenyl phenylether	ND		2100	10
156-10-5	N-Nitrosodiphenylamine	ND		4200	10
103-33-3	Azobenzene	ND		4200	10
101-55-3	4-Bromophenyl phenylether	ND		4200	10
118-74-1	Hexachlorobenzene	ND		4200	10
87-86-5	Pentachlorophenol	ND		71000	10
85-01-8	Phenanthrene	1400	T	2100	10
120-12-7	Anthracene	ND		2100	10
86-74-8	Carbazole	ND		6900	10
84-74-2	Di-n-butyl phthalate	ND		2100	10
206-44-0	Fluoranthene	1200	T	2100	10
129-00-0	Pyrene	1200	T	2100	10
85-68-7	Butyl benzyl phthalate	ND		2100	10
56-55-3	Benz(a)anthracene	ND		2100	10
218-01-9	Chrysene	ND		2100	10
117-81-7	Bis(2-ethylhexyl)phthalate	3400	T	4200	10
117-84-0	Di-n-octyl phthalate	ND		4200	10
205-99-2	Benzo(b)fluoranthene	ND		4200	10
207-08-9	Benzo(k)fluoranthene	ND		4200	10
50-32-8	Benzo(a)pyrene	ND		4200	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		4200	10
53-70-3	Dibenz(a,h)anthracene	ND		4200	10
191-24-2	Benzo(g,h,i)perylene	ND		4200	10

The elevated reporting limits are due to matrix interferences.

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-11OS

Date Collected:	6/1/2000	Test Code:	SPCB
Date Extracted:	6/12/2000 by tm-1185	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	MC16-30-90DUP
Total Solids:	48%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		210	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		210	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		210	1.0
53469-21-9	Aroclor 1242 (PCB)	3300		210	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		210	1.0
11097-69-1	Aroclor 1254 (PCB)	5300		210	1.0
11096-82-5	Aroclor 1260 (PCB)	940		210	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		210	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		210	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns
LH - low surrogate recovery

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-12ME

Date Collected:	6/1/2000	Test Code:	SME
		Test Name:	MEOH-Sed
Date Analyzed:	6/7/2000 by GRINWISS	Sample ID:	MC16-90-150
Total Solids:	50%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
75-71-8	Dichlorodifluoromethane	ND		480	48.4
74-87-3	Chloromethane	ND		480	48.4
75-01-4	Vinyl chloride	ND		190	48.4
74-83-9	Bromomethane	ND		480	48.4
75-00-3	Chloroethane	ND		480	48.4
75-69-4	Trichlorofluoromethane	ND		480	48.4
67-64-1	Acetone	ND		1500	48.4
60-29-7	Diethyl ether	ND		480	48.4
75-35-4	1,1-Dichloroethylene	ND		97	48.4
74-88-4	Methyl iodide	ND		190	48.4
107-13-1	Acrylonitrile	ND		480	48.4
75-09-2	Methylene chloride	ND		480	48.4
75-15-0	Carbon disulfide	ND		480	48.4
156-60-5	trans-1,2-Dichloroethylene	ND		97	48.4
1634-04-4	Methyltertbutylether (MTBE)	ND		480	48.4
75-34-3	1,1-Dichloroethane	ND		97	48.4
78-93-3	2-Butanone (MEK)	ND		480	48.4
156-59-2	cis-1,2-Dichloroethylene	ND		97	48.4
67-66-3	Chloroform	ND		97	48.4
74-97-5	Bromochloromethane	ND		190	48.4
71-55-6	1,1,1-Trichloroethane	ND		97	48.4
107-06-2	1,2-Dichloroethane	ND		97	48.4
71-43-2	Benzene	ND		97	48.4
56-23-5	Carbon tetrachloride	ND		97	48.4
78-87-5	1,2-Dichloropropane	ND		97	48.4
79-01-6	Trichloroethylene	ND		97	48.4
74-95-3	Dibromomethane	ND		190	48.4
75-27-4	Bromodichloromethane	ND		190	48.4
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		480	48.4
10061-01-5	cis-1,3-Dichloropropene	ND		97	48.4
10061-02-6	trans-1,3-Dichloropropene	ND		97	48.4
108-88-3	Toluene	220	J	97	48.4
79-00-5	1,1,2-Trichloroethane	ND		97	48.4
591-78-6	2-Hexanone	ND		480	48.4
124-48-1	Dibromochloromethane	ND		190	48.4
106-93-4	1,2-Dibromoethane	ND		97	48.4

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
127-18-4	Tetrachloroethene	ND		97	48.4
108-90-7	Chlorobenzene	ND		97	48.4
630-20-6	1,1,1,2-Tetrachloroethane	ND		190	48.4
100-41-4	Ethylbenzene	ND		97	48.4
108383,106423	m & p-Xylene	ND		190	48.4
75-25-2	Bromoform	ND		190	48.4
100-42-5	Styrene	ND		97	48.4
95-47-6	o-Xylene	ND		97	48.4
79-34-5	1,1,2,2-Tetrachloroethane	ND		190	48.4
96-18-4	1,2,3-Trichloropropane	ND		190	48.4
110-57-6	trans-1,4-Dichloro-2-butene	ND		190	48.4
98-82-8	Isopropylbenzene	ND		190	48.4
108-86-1	Bromobenzene	ND		190	48.4
103-65-1	n-Propylbenzene	ND		190	48.4
108-67-8	1,3,5-Trimethylbenzene	ND		190	48.4
98-06-6	tert-Butylbenzene	ND		480	48.4
95-63-6	1,2,4-Trimethylbenzene	190	J	190	48.4
135-98-8	sec-Butylbenzene	ND		480	48.4
541-73-1	1,3-Dichlorobenzene	ND		190	48.4
106-46-7	1,4-Dichlorobenzene	ND		190	48.4
99-87-6	p-Isopropyl toluene	ND		480	48.4
95-50-1	1,2-Dichlorobenzene	ND		190	48.4
104-51-8	n-Butylbenzene	ND		480	48.4
67-72-1	Hexachloroethane	ND		190	48.4
96-12-8	1,2-Dibromo-3-chloropropane	ND		480	48.4
120-82-1	1,2,4-Trichlorobenzene	ND		480	48.4
91-20-3	Naphthalene	ND		480	48.4
87-61-6	1,2,3-Trichlorobenzene	ND		480	48.4
91-57-6	2-Methylnaphthalene	610	J	480	48.4

ND = not detected at the specified reporting limit. NM = not measured.
Reference method is 8260.
USEPA Methods 8260 and 624 are used to quantitate volatile organic compounds that have boiling points below 200°C.
2-Methylnaphthalene and naphthalene are compounds with boiling points above 200°C and are better suited to quantitation by USEPA Methods 8270 or 625 as semivolatile organic compounds.

CODE "ST" , LAB PRESERVED, "J" CODE ALL RESULTS DUE TO POOR SURROGATE RECOVERY, UNiD PEAKS

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-12OS

Date Collected:	6/1/2000	Test Code:	SBNA
Date Extracted:	6/13/2000 by tm-1186	Test Name:	BNA - Sediment
Date Analyzed:	6/21/2000 by SMG	Sample ID:	MC16-90-150
Total Solids:	50%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		660	1
108-95-2	Phenol	ND		660	1
111-44-4	Bis(2-chloroethyl)ether	ND		200	1
95-57-8	2-Chlorophenol	ND		660	1
541-73-1	1,3-Dichlorobenzene	ND		200	1
106-46-7	1,4-Dichlorobenzene	ND		200	1
95-50-1	1,2-Dichlorobenzene	ND		200	1
95-48-7	2-Methylphenol (o-cresol)	ND		660	1
108-60-1	Bis(2-chloroisopropyl)ether	ND		200	1
108394,106445	3/4-Methylphenol (m/p-cresol)	650	T	1300	1
621-64-7	N-Nitrosodi-n-propylamine	ND		400	1
67-72-1	Hexachloroethane	ND		200	1
98-95-3	Nitrobenzene	ND		400	1
78-59-1	Isophorone	ND		200	1
88-75-5	2-Nitrophenol	ND		660	1
105-67-9	2,4-Dimethylphenol	ND		660	1
111-91-1	Bis(2-chloroethoxy)methane	ND		400	1
120-83-2	2,4-Dichlorophenol	ND		660	1
120-82-1	1,2,4-Trichlorobenzene	ND		400	1
91-20-3	Naphthalene	330		200	1
87-68-3	Hexachlorobutadiene	ND		400	1
59-50-7	4-Chloro-3-methylphenol	ND		660	1
91-57-6	2-Methylnaphthalene	ND		500	1
77-47-4	Hexachlorocyclopentadiene	ND		4000	1
88-06-2	2,4,6-Trichlorophenol	ND		660	1
95-95-4	2,4,5-Trichlorophenol	ND		660	1
91-58-7	2-Chloronaphthalene	ND		400	1
88-74-4	2-Nitroaniline	ND		3400	1
208-96-8	Acenaphthylene	ND		200	1
131-11-3	Dimethyl phthalate	ND		400	1
606-20-2	2,6-Dinitrotoluene	ND		660	1
99-09-2	3-Nitroaniline	ND		3400	1
83-32-9	Acenaphthene	ND		200	1
51-28-5	2,4-Dinitrophenol	ND		3400	1
132-64-9	Dibenzofuran	ND		660	1
100-02-7	4-Nitrophenol	ND		3400	1

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		660	1
86-73-7	Fluorene	ND		200	1
84-66-2	Diethyl phthalate	ND		200	1
100-01-6	4-Nitroaniline	ND		3400	1
534-52-1	2-Methyl-4,6-dinitrophenol	ND		3400	1
7005-72-3	4-Chlorophenyl phenylether	ND		200	1
156-10-5	N-Nitrosodiphenylamine	ND		400	1
103-33-3	Azobenzene	ND		400	1
101-55-3	4-Bromophenyl phenylether	ND		400	1
118-74-1	Hexachlorobenzene	ND		400	1
87-86-5	Pentachlorophenol	ND		6800	1
85-01-8	Phenanthrene	680		200	1
120-12-7	Anthracene	ND		200	1
86-74-8	Carbazole	ND		660	1
84-74-2	Di-n-butyl phthalate	ND		200	1
206-44-0	Fluoranthene	570		200	1
129-00-0	Pyrene	470		200	1
85-68-7	Butyl benzyl phthalate	ND		200	1
56-55-3	Benz(a)anthracene	ND		200	1
218-01-9	Chrysene	ND		200	1
117-81-7	Bis(2-ethylhexyl)phthalate	1200		400	1
117-84-0	Di-n-octyl phthalate	ND		400	1
205-99-2	Benzo(b)fluoranthene	ND		400	1
207-08-9	Benzo(k)fluoranthene	ND		400	1
50-32-8	Benzo(a)pyrene	ND		400	1
193-39-5	Indeno(1,2,3-cd)pyrene	ND		400	1
53-70-3	Dibenz(a,h)anthracene	ND		400	1
191-24-2	Benzo(g,h,i)perylene	ND		400	1

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-12OS

Date Collected:	6/1/2000	Test Code:	SPCB
Date Extracted:	6/12/2000 by tm-1185	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	MC16-90-150
Total Solids:	50%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		200	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		200	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		200	1.0
53469-21-9	Aroclor 1242 (PCB)	4800		200	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		200	1.0
11097-69-1	Aroclor 1254 (PCB)	4000		200	1.0
11096-82-5	Aroclor 1260 (PCB)	1400		200	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		200	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		200	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-13ME

Date Collected:	6/1/2000	Test Code:	SME
		Test Name:	MEOH-Sed
Date Analyzed:	6/7/2000 by GRINWISS	Sample ID:	MC16-150-210
Total Solids:	51%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
75-71-8	Dichlorodifluoromethane	ND		500	51.4
74-87-3	Chloromethane	ND		500	51.4
75-01-4	Vinyl chloride	ND		200	51.4
74-83-9	Bromomethane	ND		500	51.4
75-00-3	Chloroethane	ND		500	51.4
75-69-4	Trichlorofluoromethane	ND		500	51.4
67-64-1	Acetone	ND		1500	51.4
60-29-7	Diethyl ether	ND		500	51.4
75-35-4	1,1-Dichloroethylene	ND		100	51.4
74-88-4	Methyl iodide	ND		200	51.4
107-13-1	Acrylonitrile	ND		500	51.4
75-09-2	Methylene chloride	ND		500	51.4
75-15-0	Carbon disulfide	ND		500	51.4
156-60-5	trans-1,2-Dichloroethylene	ND		100	51.4
1634-04-4	Methyltertbutylether (MTBE)	ND		500	51.4
75-34-3	1,1-Dichloroethane	ND		100	51.4
78-93-3	2-Butanone (MEK)	ND		500	51.4
156-59-2	cis-1,2-Dichloroethylene	ND		100	51.4
67-66-3	Chloroform	ND		100	51.4
74-97-5	Bromochloromethane	ND		200	51.4
71-55-6	1,1,1-Trichloroethane	ND		100	51.4
107-06-2	1,2-Dichloroethane	ND		100	51.4
71-43-2	Benzene	ND		100	51.4
56-23-5	Carbon tetrachloride	ND		100	51.4
78-87-5	1,2-Dichloropropane	ND		100	51.4
79-01-6	Trichloroethylene	ND		100	51.4
74-95-3	Dibromomethane	ND		200	51.4
75-27-4	Bromodichloromethane	ND		200	51.4
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		500	51.4
10061-01-5	cis-1,3-Dichloropropene	ND		100	51.4
10061-02-6	trans-1,3-Dichloropropene	ND		100	51.4
108-88-3	Toluene	140	J	100	51.4
79-00-5	1,1,2-Trichloroethane	ND		100	51.4
591-78-6	2-Hexanone	ND		500	51.4
124-48-1	Dibromochloromethane	ND		200	51.4
106-93-4	1,2-Dibromoethane	ND		100	51.4

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
127-18-4	Tetrachloroethene	ND		100	51.4
108-90-7	Chlorobenzene	ND		100	51.4
630-20-6	1,1,1,2-Tetrachloroethane	ND		200	51.4
100-41-4	Ethylbenzene	ND		100	51.4
108383,106423	m & p-Xylene	ND		200	51.4
75-25-2	Bromoform	ND		200	51.4
100-42-5	Styrene	ND		100	51.4
95-47-6	o-Xylene	ND		100	51.4
79-34-5	1,1,2,2-Tetrachloroethane	ND		200	51.4
96-18-4	1,2,3-Trichloropropane	ND		200	51.4
110-57-6	trans-1,4-Dichloro-2-butene	ND		200	51.4
98-82-8	Isopropylbenzene	ND		200	51.4
108-86-1	Bromobenzene	ND		200	51.4
103-65-1	n-Propylbenzene	ND		200	51.4
108-67-8	1,3,5-Trimethylbenzene	ND		200	51.4
98-06-6	tert-Butylbenzene	ND		500	51.4
95-63-6	1,2,4-Trimethylbenzene	ND		200	51.4
135-98-8	sec-Butylbenzene	ND		500	51.4
541-73-1	1,3-Dichlorobenzene	ND		200	51.4
106-46-7	1,4-Dichlorobenzene	ND		200	51.4
99-87-6	p-Isopropyl toluene	ND		500	51.4
95-50-1	1,2-Dichlorobenzene	ND		200	51.4
104-51-8	n-Butylbenzene	ND		500	51.4
67-72-1	Hexachloroethane	ND		200	51.4
96-12-8	1,2-Dibromo-3-chloropropane	ND		500	51.4
120-82-1	1,2,4-Trichlorobenzene	ND		500	51.4
91-20-3	Naphthalene	ND		500	51.4
87-61-6	1,2,3-Trichlorobenzene	ND		500	51.4
91-57-6	2-Methylnaphthalene	ND		500	51.4

ND = not detected at the specified reporting limit. NM = not measured.
Reference method is 8260.
USEPA Methods 8260 and 624 are used to quantitate volatile organic compounds that have boiling points below 200°C.
2-Methylnaphthalene and naphthalene are compounds with boiling points above 200°C and are better suited to quantitation by USEPA Methods 8270 or 625 as semivolatile organic compounds.

CODE "ST" , LAB PRESERVED, "J" CODE ALL RESULTS DUE TO POOR SURROGATE RECOVERY, UNiD PEAKS

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-13OS

Date Collected:	6/1/2000	Test Code:	SBNA
Date Extracted:	6/13/2000 by tm-1186	Test Name:	BNA - Sediment
Date Analyzed:	6/22/2000 by SMG	Sample ID:	MC16-150-210
Total Solids:	51%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		6500	10
108-95-2	Phenol	ND		6500	10
111-44-4	Bis(2-chloroethyl)ether	ND		2000	10
95-57-8	2-Chlorophenol	ND		6500	10
541-73-1	1,3-Dichlorobenzene	ND		2000	10
106-46-7	1,4-Dichlorobenzene	ND		2000	10
95-50-1	1,2-Dichlorobenzene	ND		2000	10
95-48-7	2-Methylphenol (o-cresol)	ND		6500	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		2000	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		13000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		3900	10
67-72-1	Hexachloroethane	ND		2000	10
98-95-3	Nitrobenzene	ND		3900	10
78-59-1	Isophorone	ND		2000	10
88-75-5	2-Nitrophenol	ND		6500	10
105-67-9	2,4-Dimethylphenol	ND		6500	10
111-91-1	Bis(2-chloroethoxy)methane	ND		3900	10
120-83-2	2,4-Dichlorophenol	ND		6500	10
120-82-1	1,2,4-Trichlorobenzene	ND		3900	10
91-20-3	Naphthalene	ND		2000	10
87-68-3	Hexachlorobutadiene	ND		3900	10
59-50-7	4-Chloro-3-methylphenol	ND		6500	10
91-57-6	2-Methylnaphthalene	ND		4900	10
77-47-4	Hexachlorocyclopentadiene	ND		39000	10
88-06-2	2,4,6-Trichlorophenol	ND		6500	10
95-95-4	2,4,5-Trichlorophenol	ND		6500	10
91-58-7	2-Chloronaphthalene	ND		3900	10
88-74-4	2-Nitroaniline	ND		33000	10
208-96-8	Acenaphthylene	ND		2000	10
131-11-3	Dimethyl phthalate	ND		3900	10
606-20-2	2,6-Dinitrotoluene	ND		6500	10
99-09-2	3-Nitroaniline	ND		33000	10
83-32-9	Acenaphthene	ND		2000	10
51-28-5	2,4-Dinitrophenol	ND		33000	10
132-64-9	Dibenzofuran	ND		6500	10
100-02-7	4-Nitrophenol	ND		33000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		6500	10
86-73-7	Fluorene	ND		2000	10
84-66-2	Diethyl phthalate	ND		2000	10
100-01-6	4-Nitroaniline	ND		33000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		33000	10
7005-72-3	4-Chlorophenyl phenylether	ND		2000	10
156-10-5	N-Nitrosodiphenylamine	ND		3900	10
103-33-3	Azobenzene	ND		3900	10
101-55-3	4-Bromophenyl phenylether	ND		3900	10
118-74-1	Hexachlorobenzene	ND		3900	10
87-86-5	Pentachlorophenol	ND		67000	10
85-01-8	Phenanthrene	ND		2000	10
120-12-7	Anthracene	ND		2000	10
86-74-8	Carbazole	ND		6500	10
84-74-2	Di-n-butyl phthalate	ND		2000	10
206-44-0	Fluoranthene	ND		2000	10
129-00-0	Pyrene	ND		2000	10
85-68-7	Butyl benzyl phthalate	ND		2000	10
56-55-3	Benz(a)anthracene	ND		2000	10
218-01-9	Chrysene	ND		2000	10
117-81-7	Bis(2-ethylhexyl)phthalate	ND		3900	10
117-84-0	Di-n-octyl phthalate	ND		3900	10
205-99-2	Benzo(b)fluoranthene	ND		3900	10
207-08-9	Benzo(k)fluoranthene	ND		3900	10
50-32-8	Benzo(a)pyrene	ND		3900	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		3900	10
53-70-3	Dibenz(a,h)anthracene	ND		3900	10
191-24-2	Benzo(g,h,i)perylene	ND		3900	10

The elevated reporting limits are due to matrix interferences.

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-13OS

Date Collected:	6/1/2000	Test Code:	SPCB
Date Extracted:	6/12/2000 by tm-1185	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	MC16-150-210
Total Solids:	51%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		200	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		200	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		200	1.0
53469-21-9	Aroclor 1242 (PCB)	3400		200	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		200	1.0
11097-69-1	Aroclor 1254 (PCB)	3800		200	1.0
11096-82-5	Aroclor 1260 (PCB)	700		200	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		200	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		200	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-14ME

Date Collected:	6/1/2000	Test Code:	SME
		Test Name:	MEOH-Sed
Date Analyzed:	6/7/2000 by GRINWISS	Sample ID:	MC16-210-B
Total Solids:	52%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
75-71-8	Dichlorodifluoromethane	ND		460	47.7
74-87-3	Chloromethane	ND		460	47.7
75-01-4	Vinyl chloride	ND		180	47.7
74-83-9	Bromomethane	ND		460	47.7
75-00-3	Chloroethane	ND		460	47.7
75-69-4	Trichlorofluoromethane	ND		460	47.7
67-64-1	Acetone	ND		1400	47.7
60-29-7	Diethyl ether	ND		460	47.7
75-35-4	1,1-Dichloroethylene	ND		92	47.7
74-88-4	Methyl iodide	ND		180	47.7
107-13-1	Acrylonitrile	ND		460	47.7
75-09-2	Methylene chloride	ND		460	47.7
75-15-0	Carbon disulfide	ND		460	47.7
156-60-5	trans-1,2-Dichloroethylene	ND		92	47.7
1634-04-4	Methyltertbutylether (MTBE)	ND		460	47.7
75-34-3	1,1-Dichloroethane	ND		92	47.7
78-93-3	2-Butanone (MEK)	ND		460	47.7
156-59-2	cis-1,2-Dichloroethylene	ND		92	47.7
67-66-3	Chloroform	ND		92	47.7
74-97-5	Bromochloromethane	ND		180	47.7
71-55-6	1,1,1-Trichloroethane	ND		92	47.7
107-06-2	1,2-Dichloroethane	ND		92	47.7
71-43-2	Benzene	ND		92	47.7
56-23-5	Carbon tetrachloride	ND		92	47.7
78-87-5	1,2-Dichloropropane	ND		92	47.7
79-01-6	Trichloroethylene	ND		92	47.7
74-95-3	Dibromomethane	ND		180	47.7
75-27-4	Bromodichloromethane	ND		180	47.7
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		460	47.7
10061-01-5	cis-1,3-Dichloropropene	ND		92	47.7
10061-02-6	trans-1,3-Dichloropropene	ND		92	47.7
108-88-3	Toluene	93	J	92	47.7
79-00-5	1,1,2-Trichloroethane	ND		92	47.7
591-78-6	2-Hexanone	ND		460	47.7
124-48-1	Dibromochloromethane	ND		180	47.7
106-93-4	1,2-Dibromoethane	ND		92	47.7

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
127-18-4	Tetrachloroethene	ND		92	47.7
108-90-7	Chlorobenzene	ND		92	47.7
630-20-6	1,1,1,2-Tetrachloroethane	ND		180	47.7
100-41-4	Ethylbenzene	ND		92	47.7
108383,106423	m & p-Xylene	ND		180	47.7
75-25-2	Bromoform	ND		180	47.7
100-42-5	Styrene	ND		92	47.7
95-47-6	o-Xylene	ND		92	47.7
79-34-5	1,1,2,2-Tetrachloroethane	ND		180	47.7
96-18-4	1,2,3-Trichloropropane	ND		180	47.7
110-57-6	trans-1,4-Dichloro-2-butene	ND		180	47.7
98-82-8	Isopropylbenzene	ND		180	47.7
108-86-1	Bromobenzene	ND		180	47.7
103-65-1	n-Propylbenzene	ND		180	47.7
108-67-8	1,3,5-Trimethylbenzene	ND		180	47.7
98-06-6	tert-Butylbenzene	ND		460	47.7
95-63-6	1,2,4-Trimethylbenzene	ND		180	47.7
135-98-8	sec-Butylbenzene	ND		460	47.7
541-73-1	1,3-Dichlorobenzene	ND		180	47.7
106-46-7	1,4-Dichlorobenzene	ND		180	47.7
99-87-6	p-Isopropyl toluene	ND		460	47.7
95-50-1	1,2-Dichlorobenzene	ND		180	47.7
104-51-8	n-Butylbenzene	ND		460	47.7
67-72-1	Hexachloroethane	ND		180	47.7
96-12-8	1,2-Dibromo-3-chloropropane	ND		460	47.7
120-82-1	1,2,4-Trichlorobenzene	ND		460	47.7
91-20-3	Naphthalene	630	J	460	47.7
87-61-6	1,2,3-Trichlorobenzene	ND		460	47.7
91-57-6	2-Methylnaphthalene	ND		460	47.7

ND = not detected at the specified reporting limit. NM = not measured.
Reference method is 8260.
USEPA Methods 8260 and 624 are used to quantitate volatile organic compounds that have boiling points below 200°C. 2-Methylnaphthalene and naphthalene are compounds with boiling points above 200°C and are better suited to quantitation by USEPA Methods 8270 or 625 as semivolatile organic compounds.

CODE "ST" , LAB PRESERVED, "J" CODE ALL RESULTS DUE TO POOR SURROGATE RECOVERY, UNiD PEAKS

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-14OS

Date Collected:	6/1/2000	Test Code:	SBNA
Date Extracted:	6/13/2000 by tm-1186	Test Name:	BNA - Sediment
Date Analyzed:	6/22/2000 by SMG	Sample ID:	MC16-210-B
Total Solids:	52%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		6300	10
108-95-2	Phenol	ND		6300	10
111-44-4	Bis(2-chloroethyl)ether	ND		1900	10
95-57-8	2-Chlorophenol	ND		6300	10
541-73-1	1,3-Dichlorobenzene	ND		1900	10
106-46-7	1,4-Dichlorobenzene	ND		1900	10
95-50-1	1,2-Dichlorobenzene	ND		1900	10
95-48-7	2-Methylphenol (o-cresol)	ND		6300	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		1900	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		13000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		3800	10
67-72-1	Hexachloroethane	ND		1900	10
98-95-3	Nitrobenzene	ND		3800	10
78-59-1	Isophorone	ND		1900	10
88-75-5	2-Nitrophenol	ND		6300	10
105-67-9	2,4-Dimethylphenol	ND		6300	10
111-91-1	Bis(2-chloroethoxy)methane	ND		3800	10
120-83-2	2,4-Dichlorophenol	ND		6300	10
120-82-1	1,2,4-Trichlorobenzene	ND		3800	10
91-20-3	Naphthalene	ND		1900	10
87-68-3	Hexachlorobutadiene	ND		3800	10
59-50-7	4-Chloro-3-methylphenol	ND		6300	10
91-57-6	2-Methylnaphthalene	ND		4800	10
77-47-4	Hexachlorocyclopentadiene	ND		38000	10
88-06-2	2,4,6-Trichlorophenol	ND		6300	10
95-95-4	2,4,5-Trichlorophenol	ND		6300	10
91-58-7	2-Chloronaphthalene	ND		3800	10
88-74-4	2-Nitroaniline	ND		33000	10
208-96-8	Acenaphthylene	ND		1900	10
131-11-3	Dimethyl phthalate	ND		3800	10
606-20-2	2,6-Dinitrotoluene	ND		6300	10
99-09-2	3-Nitroaniline	ND		33000	10
83-32-9	Acenaphthene	ND		1900	10
51-28-5	2,4-Dinitrophenol	ND		33000	10
132-64-9	Dibenzofuran	ND		6300	10
100-02-7	4-Nitrophenol	ND		33000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		6300	10
86-73-7	Fluorene	ND		1900	10
84-66-2	Diethyl phthalate	ND		1900	10
100-01-6	4-Nitroaniline	ND		33000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		33000	10
7005-72-3	4-Chlorophenyl phenylether	ND		1900	10
156-10-5	N-Nitrosodiphenylamine	ND		3800	10
103-33-3	Azobenzene	ND		3800	10
101-55-3	4-Bromophenyl phenylether	ND		3800	10
118-74-1	Hexachlorobenzene	ND		3800	10
87-86-5	Pentachlorophenol	ND		65000	10
85-01-8	Phenanthrene	1400	T	1900	10
120-12-7	Anthracene	ND		1900	10
86-74-8	Carbazole	ND		6300	10
84-74-2	Di-n-butyl phthalate	ND		1900	10
206-44-0	Fluoranthene	1300	T	1900	10
129-00-0	Pyrene	1100	T	1900	10
85-68-7	Butyl benzyl phthalate	ND		1900	10
56-55-3	Benz(a)anthracene	ND		1900	10
218-01-9	Chrysene	ND		1900	10
117-81-7	Bis(2-ethylhexyl)phthalate	ND		3800	10
117-84-0	Di-n-octyl phthalate	ND		3800	10
205-99-2	Benzo(b)fluoranthene	ND		3800	10
207-08-9	Benzo(k)fluoranthene	ND		3800	10
50-32-8	Benzo(a)pyrene	ND		3800	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		3800	10
53-70-3	Dibenz(a,h)anthracene	ND		3800	10
191-24-2	Benzo(g,h,i)perylene	ND		3800	10

The elevated reporting limits are due to matrix interferences.

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-14OS

Date Collected:	6/1/2000	Test Code:	SPCB
Date Extracted:	6/12/2000 by tm-1185	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	MC16-210-B
Total Solids:	52%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		190	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		190	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		190	1.0
53469-21-9	Aroclor 1242 (PCB)	2700		190	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		190	1.0
11097-69-1	Aroclor 1254 (PCB)	5000		190	1.0
11096-82-5	Aroclor 1260 (PCB)	810		190	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		190	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		190	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-15ME

Date Collected:	6/1/2000	Test Code:	SME
		Test Name:	MEOH-Sed
Date Analyzed:	6/7/2000 by GRINWISS	Sample ID:	MC17-00-30
Total Solids:	50%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
75-71-8	Dichlorodifluoromethane	ND		510	50.8
74-87-3	Chloromethane	ND		510	50.8
75-01-4	Vinyl chloride	ND		200	50.8
74-83-9	Bromomethane	ND		510	50.8
75-00-3	Chloroethane	ND		510	50.8
75-69-4	Trichlorofluoromethane	ND		510	50.8
67-64-1	Acetone	ND		1500	50.8
60-29-7	Diethyl ether	ND		510	50.8
75-35-4	1,1-Dichloroethylene	ND		100	50.8
74-88-4	Methyl iodide	ND		200	50.8
107-13-1	Acrylonitrile	ND		510	50.8
75-09-2	Methylene chloride	ND		510	50.8
75-15-0	Carbon disulfide	ND		510	50.8
156-60-5	trans-1,2-Dichloroethylene	ND		100	50.8
1634-04-4	Methyltertbutylether (MTBE)	ND		510	50.8
75-34-3	1,1-Dichloroethane	ND		100	50.8
78-93-3	2-Butanone (MEK)	ND		510	50.8
156-59-2	cis-1,2-Dichloroethylene	ND		100	50.8
67-66-3	Chloroform	ND		100	50.8
74-97-5	Bromochloromethane	ND		200	50.8
71-55-6	1,1,1-Trichloroethane	ND		100	50.8
107-06-2	1,2-Dichloroethane	ND		100	50.8
71-43-2	Benzene	ND		100	50.8
56-23-5	Carbon tetrachloride	ND		100	50.8
78-87-5	1,2-Dichloropropane	ND		100	50.8
79-01-6	Trichloroethylene	ND		100	50.8
74-95-3	Dibromomethane	ND		200	50.8
75-27-4	Bromodichloromethane	ND		200	50.8
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		510	50.8
10061-01-5	cis-1,3-Dichloropropene	ND		100	50.8
10061-02-6	trans-1,3-Dichloropropene	ND		100	50.8
108-88-3	Toluene	160	J	100	50.8
79-00-5	1,1,2-Trichloroethane	ND		100	50.8
591-78-6	2-Hexanone	ND		510	50.8
124-48-1	Dibromochloromethane	ND		200	50.8
106-93-4	1,2-Dibromoethane	ND		100	50.8

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
127-18-4	Tetrachloroethene	ND		100	50.8
108-90-7	Chlorobenzene	ND		100	50.8
630-20-6	1,1,1,2-Tetrachloroethane	ND		200	50.8
100-41-4	Ethylbenzene	ND		100	50.8
108383,106423	m & p-Xylene	ND		200	50.8
75-25-2	Bromoform	ND		200	50.8
100-42-5	Styrene	ND		100	50.8
95-47-6	o-Xylene	ND		100	50.8
79-34-5	1,1,2,2-Tetrachloroethane	ND		200	50.8
96-18-4	1,2,3-Trichloropropane	ND		200	50.8
110-57-6	trans-1,4-Dichloro-2-butene	ND		200	50.8
98-82-8	Isopropylbenzene	ND		200	50.8
108-86-1	Bromobenzene	ND		200	50.8
103-65-1	n-Propylbenzene	ND		200	50.8
108-67-8	1,3,5-Trimethylbenzene	ND		200	50.8
98-06-6	tert-Butylbenzene	ND		510	50.8
95-63-6	1,2,4-Trimethylbenzene	ND		200	50.8
135-98-8	sec-Butylbenzene	ND		510	50.8
541-73-1	1,3-Dichlorobenzene	ND		200	50.8
106-46-7	1,4-Dichlorobenzene	ND		200	50.8
99-87-6	p-Isopropyl toluene	ND		510	50.8
95-50-1	1,2-Dichlorobenzene	ND		200	50.8
104-51-8	n-Butylbenzene	ND		510	50.8
67-72-1	Hexachloroethane	ND		200	50.8
96-12-8	1,2-Dibromo-3-chloropropane	ND		510	50.8
120-82-1	1,2,4-Trichlorobenzene	ND		510	50.8
91-20-3	Naphthalene	ND		510	50.8
87-61-6	1,2,3-Trichlorobenzene	ND		510	50.8
91-57-6	2-Methylnaphthalene	ND		510	50.8

ND = not detected at the specified reporting limit. NM = not measured.
Reference method is 8260.
USEPA Methods 8260 and 624 are used to quantitate volatile organic compounds that have boiling points below 200°C.
2-Methylnaphthalene and naphthalene are compounds with boiling points above 200°C and are better suited to quantitation by USEPA Methods 8270 or 625 as semivolatile organic compounds.

CODE "ST" , LAB PRESERVED, "J" CODE ALL RESULTS DUE TO POOR SURROGATE RECOVERY,

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-15OS

Date Collected:	6/1/2000	Test Code:	SBNA
Date Extracted:	6/13/2000 by tm-1186	Test Name:	BNA - Sediment
Date Analyzed:	6/21/2000 by SMG	Sample ID:	MC17-00-30
Total Solids:	50%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		660	1
108-95-2	Phenol	ND		660	1
111-44-4	Bis(2-chloroethyl)ether	ND		200	1
95-57-8	2-Chlorophenol	ND		660	1
541-73-1	1,3-Dichlorobenzene	ND		200	1
106-46-7	1,4-Dichlorobenzene	ND		200	1
95-50-1	1,2-Dichlorobenzene	ND		200	1
95-48-7	2-Methylphenol (o-cresol)	ND		660	1
108-60-1	Bis(2-chloroisopropyl)ether	ND		200	1
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		1300	1
621-64-7	N-Nitrosodi-n-propylamine	ND		400	1
67-72-1	Hexachloroethane	ND		200	1
98-95-3	Nitrobenzene	ND		400	1
78-59-1	Isophorone	ND		200	1
88-75-5	2-Nitrophenol	ND		660	1
105-67-9	2,4-Dimethylphenol	ND		660	1
111-91-1	Bis(2-chloroethoxy)methane	ND		400	1
120-83-2	2,4-Dichlorophenol	ND		660	1
120-82-1	1,2,4-Trichlorobenzene	ND		400	1
91-20-3	Naphthalene	210		200	1
87-68-3	Hexachlorobutadiene	ND		400	1
59-50-7	4-Chloro-3-methylphenol	ND		660	1
91-57-6	2-Methylnaphthalene	ND		500	1
77-47-4	Hexachlorocyclopentadiene	ND		4000	1
88-06-2	2,4,6-Trichlorophenol	ND		660	1
95-95-4	2,4,5-Trichlorophenol	ND		660	1
91-58-7	2-Chloronaphthalene	ND		400	1
88-74-4	2-Nitroaniline	ND		3400	1
208-96-8	Acenaphthylene	ND		200	1
131-11-3	Dimethyl phthalate	ND		400	1
606-20-2	2,6-Dinitrotoluene	ND		660	1
99-09-2	3-Nitroaniline	ND		3400	1
83-32-9	Acenaphthene	ND		200	1
51-28-5	2,4-Dinitrophenol	ND		3400	1
132-64-9	Dibenzofuran	ND		660	1
100-02-7	4-Nitrophenol	ND		3400	1

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		660	1
86-73-7	Fluorene	ND		200	1
84-66-2	Diethyl phthalate	ND		200	1
100-01-6	4-Nitroaniline	ND		3400	1
534-52-1	2-Methyl-4,6-dinitrophenol	ND		3400	1
7005-72-3	4-Chlorophenyl phenylether	ND		200	1
156-10-5	N-Nitrosodiphenylamine	ND		400	1
103-33-3	Azobenzene	ND		400	1
101-55-3	4-Bromophenyl phenylether	ND		400	1
118-74-1	Hexachlorobenzene	ND		400	1
87-86-5	Pentachlorophenol	ND		6800	1
85-01-8	Phenanthrene	540		200	1
120-12-7	Anthracene	150	T	200	1
86-74-8	Carbazole	ND		660	1
84-74-2	Di-n-butyl phthalate	ND		200	1
206-44-0	Fluoranthene	830		200	1
129-00-0	Pyrene	640		200	1
85-68-7	Butyl benzyl phthalate	ND		200	1
56-55-3	Benz(a)anthracene	370		200	1
218-01-9	Chrysene	450		200	1
117-81-7	Bis(2-ethylhexyl)phthalate	910		400	1
117-84-0	Di-n-octyl phthalate	ND		400	1
205-99-2	Benzo(b)fluoranthene	320	T	400	1
207-08-9	Benzo(k)fluoranthene	310	T	400	1
50-32-8	Benzo(a)pyrene	430		400	1
193-39-5	Indeno(1,2,3-cd)pyrene	ND		400	1
53-70-3	Dibenz(a,h)anthracene	ND		400	1
191-24-2	Benzo(g,h,i)perylene	ND		400	1

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-15OS

Date Collected:	6/1/2000	Test Code:	SPCB
Date Extracted:	6/12/2000 by tm-1185	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	MC17-00-30
Total Solids:	50%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		200	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		200	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		200	1.0
53469-21-9	Aroclor 1242 (PCB)	110	T	200	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		200	1.0
11097-69-1	Aroclor 1254 (PCB)	350		200	1.0
11096-82-5	Aroclor 1260 (PCB)	220		200	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		200	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		200	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-16ME

Date Collected:	6/1/2000	Test Code:	SME
		Test Name:	MEOH-Sed
Date Analyzed:	6/7/2000 by GRINWISS	Sample ID:	MC17-30-90
Total Solids:	50%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
75-71-8	Dichlorodifluoromethane	ND		520	51.7
74-87-3	Chloromethane	ND		520	51.7
75-01-4	Vinyl chloride	ND		210	51.7
74-83-9	Bromomethane	ND		520	51.7
75-00-3	Chloroethane	ND		520	51.7
75-69-4	Trichlorofluoromethane	ND		520	51.7
67-64-1	Acetone	ND		1600	51.7
60-29-7	Diethyl ether	ND		520	51.7
75-35-4	1,1-Dichloroethylene	ND		100	51.7
74-88-4	Methyl iodide	ND		210	51.7
107-13-1	Acrylonitrile	ND		520	51.7
75-09-2	Methylene chloride	ND		520	51.7
75-15-0	Carbon disulfide	ND		520	51.7
156-60-5	trans-1,2-Dichloroethylene	ND		100	51.7
1634-04-4	Methyltertbutylether (MTBE)	ND		520	51.7
75-34-3	1,1-Dichloroethane	ND		100	51.7
78-93-3	2-Butanone (MEK)	ND		520	51.7
156-59-2	cis-1,2-Dichloroethylene	ND		100	51.7
67-66-3	Chloroform	ND		100	51.7
74-97-5	Bromochloromethane	ND		210	51.7
71-55-6	1,1,1-Trichloroethane	ND		100	51.7
107-06-2	1,2-Dichloroethane	ND		100	51.7
71-43-2	Benzene	ND		100	51.7
56-23-5	Carbon tetrachloride	ND		100	51.7
78-87-5	1,2-Dichloropropane	ND		100	51.7
79-01-6	Trichloroethylene	ND		100	51.7
74-95-3	Dibromomethane	ND		210	51.7
75-27-4	Bromodichloromethane	ND		210	51.7
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		520	51.7
10061-01-5	cis-1,3-Dichloropropene	ND		100	51.7
10061-02-6	trans-1,3-Dichloropropene	ND		100	51.7
108-88-3	Toluene	100	J	100	51.7
79-00-5	1,1,2-Trichloroethane	ND		100	51.7
591-78-6	2-Hexanone	ND		520	51.7
124-48-1	Dibromochloromethane	ND		210	51.7
106-93-4	1,2-Dibromoethane	ND		100	51.7

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
127-18-4	Tetrachloroethene	ND		100	51.7
108-90-7	Chlorobenzene	ND		100	51.7
630-20-6	1,1,1,2-Tetrachloroethane	ND		210	51.7
100-41-4	Ethylbenzene	ND		100	51.7
108383,106423	m & p-Xylene	ND		210	51.7
75-25-2	Bromoform	ND		210	51.7
100-42-5	Styrene	ND		100	51.7
95-47-6	o-Xylene	ND		100	51.7
79-34-5	1,1,2,2-Tetrachloroethane	ND		210	51.7
96-18-4	1,2,3-Trichloropropane	ND		210	51.7
110-57-6	trans-1,4-Dichloro-2-butene	ND		210	51.7
98-82-8	Isopropylbenzene	ND		210	51.7
108-86-1	Bromobenzene	ND		210	51.7
103-65-1	n-Propylbenzene	ND		210	51.7
108-67-8	1,3,5-Trimethylbenzene	ND		210	51.7
98-06-6	tert-Butylbenzene	ND		520	51.7
95-63-6	1,2,4-Trimethylbenzene	ND		210	51.7
135-98-8	sec-Butylbenzene	ND		520	51.7
541-73-1	1,3-Dichlorobenzene	ND		210	51.7
106-46-7	1,4-Dichlorobenzene	ND		210	51.7
99-87-6	p-Isopropyl toluene	ND		520	51.7
95-50-1	1,2-Dichlorobenzene	ND		210	51.7
104-51-8	n-Butylbenzene	ND		520	51.7
67-72-1	Hexachloroethane	ND		210	51.7
96-12-8	1,2-Dibromo-3-chloropropane	ND		520	51.7
120-82-1	1,2,4-Trichlorobenzene	ND		520	51.7
91-20-3	Naphthalene	ND		520	51.7
87-61-6	1,2,3-Trichlorobenzene	ND		520	51.7
91-57-6	2-Methylnaphthalene	ND		520	51.7

ND = not detected at the specified reporting limit. NM = not measured.
Reference method is 8260.
USEPA Methods 8260 and 624 are used to quantitate volatile organic compounds that have boiling points below 200°C.
2-Methylnaphthalene and naphthalene are compounds with boiling points above 200°C and are better suited to quantitation by USEPA Methods 8270 or 625 as semivolatile organic compounds.

CODE "ST" , LAB PRESERVED, "J" CODE ALL RESULTS DUE TO POOR SURROGATE RECOVERY,

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-16OS

Date Collected:	6/1/2000	Test Code:	SBNA
Date Extracted:	6/13/2000 by tm-1186	Test Name:	BNA - Sediment
Date Analyzed:	6/21/2000 by SMG	Sample ID:	MC17-30-90
Total Solids:	50%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		660	1
108-95-2	Phenol	ND		660	1
111-44-4	Bis(2-chloroethyl)ether	ND		200	1
95-57-8	2-Chlorophenol	ND		660	1
541-73-1	1,3-Dichlorobenzene	ND		200	1
106-46-7	1,4-Dichlorobenzene	ND		200	1
95-50-1	1,2-Dichlorobenzene	ND		200	1
95-48-7	2-Methylphenol (o-cresol)	ND		660	1
108-60-1	Bis(2-chloroisopropyl)ether	ND		200	1
108394,106445	3/4-Methylphenol (m/p-cresol)	320	T	1300	1
621-64-7	N-Nitrosodi-n-propylamine	ND		400	1
67-72-1	Hexachloroethane	ND		200	1
98-95-3	Nitrobenzene	ND		400	1
78-59-1	Isophorone	ND		200	1
88-75-5	2-Nitrophenol	ND		660	1
105-67-9	2,4-Dimethylphenol	ND		660	1
111-91-1	Bis(2-chloroethoxy)methane	ND		400	1
120-83-2	2,4-Dichlorophenol	ND		660	1
120-82-1	1,2,4-Trichlorobenzene	ND		400	1
91-20-3	Naphthalene	470		200	1
87-68-3	Hexachlorobutadiene	ND		400	1
59-50-7	4-Chloro-3-methylphenol	ND		660	1
91-57-6	2-Methylnaphthalene	210	T	500	1
77-47-4	Hexachlorocyclopentadiene	ND		4000	1
88-06-2	2,4,6-Trichlorophenol	ND		660	1
95-95-4	2,4,5-Trichlorophenol	ND		660	1
91-58-7	2-Chloronaphthalene	ND		400	1
88-74-4	2-Nitroaniline	ND		3400	1
208-96-8	Acenaphthylene	ND		200	1
131-11-3	Dimethyl phthalate	ND		400	1
606-20-2	2,6-Dinitrotoluene	ND		660	1
99-09-2	3-Nitroaniline	ND		3400	1
83-32-9	Acenaphthene	ND		200	1
51-28-5	2,4-Dinitrophenol	ND		3400	1
132-64-9	Dibenzofuran	ND		660	1
100-02-7	4-Nitrophenol	ND		3400	1

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		660	1
86-73-7	Fluorene	ND		200	1
84-66-2	Diethyl phthalate	ND		200	1
100-01-6	4-Nitroaniline	ND		3400	1
534-52-1	2-Methyl-4,6-dinitrophenol	ND		3400	1
7005-72-3	4-Chlorophenyl phenylether	ND		200	1
156-10-5	N-Nitrosodiphenylamine	ND		400	1
103-33-3	Azobenzene	ND		400	1
101-55-3	4-Bromophenyl phenylether	ND		400	1
118-74-1	Hexachlorobenzene	ND		400	1
87-86-5	Pentachlorophenol	ND		6800	1
85-01-8	Phenanthrene	1100		200	1
120-12-7	Anthracene	350		200	1
86-74-8	Carbazole	ND		660	1
84-74-2	Di-n-butyl phthalate	ND		200	1
206-44-0	Fluoranthene	2000		200	1
129-00-0	Pyrene	1300		200	1
85-68-7	Butyl benzyl phthalate	ND		200	1
56-55-3	Benz(a)anthracene	710		200	1
218-01-9	Chrysene	1000		200	1
117-81-7	Bis(2-ethylhexyl)phthalate	3200		400	1
117-84-0	Di-n-octyl phthalate	ND		400	1
205-99-2	Benzo(b)fluoranthene	550		400	1
207-08-9	Benzo(k)fluoranthene	770		400	1
50-32-8	Benzo(a)pyrene	620		400	1
193-39-5	Indeno(1,2,3-cd)pyrene	ND		400	1
53-70-3	Dibenz(a,h)anthracene	ND		400	1
191-24-2	Benzo(g,h,i)perylene	390	T	400	1

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-16OS

Date Collected:	6/1/2000	Test Code:	SPCB
Date Extracted:	6/12/2000 by tm-1185	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	MC17-30-90
Total Solids:	50%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		200	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		200	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		200	1.0
53469-21-9	Aroclor 1242 (PCB)	110	T	200	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		200	1.0
11097-69-1	Aroclor 1254 (PCB)	420		200	1.0
11096-82-5	Aroclor 1260 (PCB)	360		200	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		200	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		200	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-17ME

Date Collected:	6/1/2000	Test Code:	SME
		Test Name:	MEOH-Sed
Date Analyzed:	6/7/2000 by GRINWISS	Sample ID:	MC17-90-150
Total Solids:	53%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
75-71-8	Dichlorodifluoromethane	ND		470	50.1
74-87-3	Chloromethane	ND		470	50.1
75-01-4	Vinyl chloride	ND		190	50.1
74-83-9	Bromomethane	ND		470	50.1
75-00-3	Chloroethane	ND		470	50.1
75-69-4	Trichlorofluoromethane	ND		470	50.1
67-64-1	Acetone	ND		1400	50.1
60-29-7	Diethyl ether	ND		470	50.1
75-35-4	1,1-Dichloroethylene	ND		95	50.1
74-88-4	Methyl iodide	ND		190	50.1
107-13-1	Acrylonitrile	ND		470	50.1
75-09-2	Methylene chloride	ND		470	50.1
75-15-0	Carbon disulfide	ND		470	50.1
156-60-5	trans-1,2-Dichloroethylene	ND		95	50.1
1634-04-4	Methyltertbutylether (MTBE)	ND		470	50.1
75-34-3	1,1-Dichloroethane	ND		95	50.1
78-93-3	2-Butanone (MEK)	ND		470	50.1
156-59-2	cis-1,2-Dichloroethylene	ND		95	50.1
67-66-3	Chloroform	ND		95	50.1
74-97-5	Bromochloromethane	ND		190	50.1
71-55-6	1,1,1-Trichloroethane	ND		95	50.1
107-06-2	1,2-Dichloroethane	ND		95	50.1
71-43-2	Benzene	ND		95	50.1
56-23-5	Carbon tetrachloride	ND		95	50.1
78-87-5	1,2-Dichloropropane	ND		95	50.1
79-01-6	Trichloroethylene	ND		95	50.1
74-95-3	Dibromomethane	ND		190	50.1
75-27-4	Bromodichloromethane	ND		190	50.1
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		470	50.1
10061-01-5	cis-1,3-Dichloropropene	ND		95	50.1
10061-02-6	trans-1,3-Dichloropropene	ND		95	50.1
108-88-3	Toluene	100	J	95	50.1
79-00-5	1,1,2-Trichloroethane	ND		95	50.1
591-78-6	2-Hexanone	ND		470	50.1
124-48-1	Dibromochloromethane	ND		190	50.1
106-93-4	1,2-Dibromoethane	ND		95	50.1

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
127-18-4	Tetrachloroethene	ND		95	50.1
108-90-7	Chlorobenzene	ND		95	50.1
630-20-6	1,1,1,2-Tetrachloroethane	ND		190	50.1
100-41-4	Ethylbenzene	ND		95	50.1
108383,106423	m & p-Xylene	ND		190	50.1
75-25-2	Bromoform	ND		190	50.1
100-42-5	Styrene	ND		95	50.1
95-47-6	o-Xylene	ND		95	50.1
79-34-5	1,1,2,2-Tetrachloroethane	ND		190	50.1
96-18-4	1,2,3-Trichloropropane	ND		190	50.1
110-57-6	trans-1,4-Dichloro-2-butene	ND		190	50.1
98-82-8	Isopropylbenzene	ND		190	50.1
108-86-1	Bromobenzene	ND		190	50.1
103-65-1	n-Propylbenzene	ND		190	50.1
108-67-8	1,3,5-Trimethylbenzene	ND		190	50.1
98-06-6	tert-Butylbenzene	ND		470	50.1
95-63-6	1,2,4-Trimethylbenzene	ND		190	50.1
135-98-8	sec-Butylbenzene	ND		470	50.1
541-73-1	1,3-Dichlorobenzene	ND		190	50.1
106-46-7	1,4-Dichlorobenzene	ND		190	50.1
99-87-6	p-Isopropyl toluene	ND		470	50.1
95-50-1	1,2-Dichlorobenzene	ND		190	50.1
104-51-8	n-Butylbenzene	ND		470	50.1
67-72-1	Hexachloroethane	ND		190	50.1
96-12-8	1,2-Dibromo-3-chloropropane	ND		470	50.1
120-82-1	1,2,4-Trichlorobenzene	ND		470	50.1
91-20-3	Naphthalene	ND		470	50.1
87-61-6	1,2,3-Trichlorobenzene	ND		470	50.1
91-57-6	2-Methylnaphthalene	ND		470	50.1

ND = not detected at the specified reporting limit. NM = not measured.
Reference method is 8260.
USEPA Methods 8260 and 624 are used to quantitate volatile organic compounds that have boiling points below 200°C.
2-Methylnaphthalene and naphthalene are compounds with boiling points above 200°C and are better suited to quantitation by USEPA Methods 8270 or 625 as semivolatile organic compounds.

CODE "ST" , LAB PRESERVED, "J" CODE ALL RESULTS DUE TO POOR SURROGATE RECOVERY, UNiD PEAKS

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-17OS

Date Collected:	6/1/2000	Test Code:	SBNA
Date Extracted:	6/13/2000 by tm-1186	Test Name:	BNA - Sediment
Date Analyzed:	6/21/2000 by SMG	Sample ID:	MC17-90-150
Total Solids:	53%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		620	1
108-95-2	Phenol	ND		620	1
111-44-4	Bis(2-chloroethyl)ether	ND		190	1
95-57-8	2-Chlorophenol	ND		620	1
541-73-1	1,3-Dichlorobenzene	ND		190	1
106-46-7	1,4-Dichlorobenzene	ND		190	1
95-50-1	1,2-Dichlorobenzene	ND		190	1
95-48-7	2-Methylphenol (o-cresol)	ND		620	1
108-60-1	Bis(2-chloroisopropyl)ether	ND		190	1
108394,106445	3/4-Methylphenol (m/p-cresol)	410	T	1200	1
621-64-7	N-Nitrosodi-n-propylamine	ND		380	1
67-72-1	Hexachloroethane	ND		190	1
98-95-3	Nitrobenzene	ND		380	1
78-59-1	Isophorone	ND		190	1
88-75-5	2-Nitrophenol	ND		620	1
105-67-9	2,4-Dimethylphenol	ND		620	1
111-91-1	Bis(2-chloroethoxy)methane	ND		380	1
120-83-2	2,4-Dichlorophenol	ND		620	1
120-82-1	1,2,4-Trichlorobenzene	ND		380	1
91-20-3	Naphthalene	400		190	1
87-68-3	Hexachlorobutadiene	ND		380	1
59-50-7	4-Chloro-3-methylphenol	ND		620	1
91-57-6	2-Methylnaphthalene	ND		470	1
77-47-4	Hexachlorocyclopentadiene	ND		3800	1
88-06-2	2,4,6-Trichlorophenol	ND		620	1
95-95-4	2,4,5-Trichlorophenol	ND		620	1
91-58-7	2-Chloronaphthalene	ND		380	1
88-74-4	2-Nitroaniline	ND		3200	1
208-96-8	Acenaphthylene	ND		190	1
131-11-3	Dimethyl phthalate	ND		380	1
606-20-2	2,6-Dinitrotoluene	ND		620	1
99-09-2	3-Nitroaniline	ND		3200	1
83-32-9	Acenaphthene	ND		190	1
51-28-5	2,4-Dinitrophenol	ND		3200	1
132-64-9	Dibenzofuran	ND		620	1
100-02-7	4-Nitrophenol	ND		3200	1

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		620	1
86-73-7	Fluorene	ND		190	1
84-66-2	Diethyl phthalate	ND		190	1
100-01-6	4-Nitroaniline	ND		3200	1
534-52-1	2-Methyl-4,6-dinitrophenol	ND		3200	1
7005-72-3	4-Chlorophenyl phenylether	ND		190	1
156-10-5	N-Nitrosodiphenylamine	ND		380	1
103-33-3	Azobenzene	ND		380	1
101-55-3	4-Bromophenyl phenylether	ND		380	1
118-74-1	Hexachlorobenzene	ND		380	1
87-86-5	Pentachlorophenol	ND		6400	1
85-01-8	Phenanthrene	840		190	1
120-12-7	Anthracene	230		190	1
86-74-8	Carbazole	ND		620	1
84-74-2	Di-n-butyl phthalate	ND		190	1
206-44-0	Fluoranthene	1300		190	1
129-00-0	Pyrene	840		190	1
85-68-7	Butyl benzyl phthalate	ND		190	1
56-55-3	Benz(a)anthracene	480		190	1
218-01-9	Chrysene	610		190	1
117-81-7	Bis(2-ethylhexyl)phthalate	2800		380	1
117-84-0	Di-n-octyl phthalate	ND		380	1
205-99-2	Benzo(b)fluoranthene	430		380	1
207-08-9	Benzo(k)fluoranthene	420		380	1
50-32-8	Benzo(a)pyrene	380		380	1
193-39-5	Indeno(1,2,3-cd)pyrene	ND		380	1
53-70-3	Dibenz(a,h)anthracene	ND		380	1
191-24-2	Benzo(g,h,i)perylene	ND		380	1

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-17OS

Date Collected:	6/1/2000	Test Code:	SPCB
Date Extracted:	6/12/2000 by tm-1185	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	MC17-90-150
Total Solids:	53%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		190	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		190	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		190	1.0
53469-21-9	Aroclor 1242 (PCB)	110	T	190	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		190	1.0
11097-69-1	Aroclor 1254 (PCB)	460		190	1.0
11096-82-5	Aroclor 1260 (PCB)	540		190	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		190	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		190	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-18ME

Date Collected:	6/1/2000	Test Code:	SME
		Test Name:	MEOH-Sed
Date Analyzed:	6/7/2000 by GRINWISS	Sample ID:	MC17-150-210
Total Solids:	51%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
75-71-8	Dichlorodifluoromethane	ND		470	48.4
74-87-3	Chloromethane	ND		470	48.4
75-01-4	Vinyl chloride	ND		190	48.4
74-83-9	Bromomethane	ND		470	48.4
75-00-3	Chloroethane	ND		470	48.4
75-69-4	Trichlorofluoromethane	ND		470	48.4
67-64-1	Acetone	ND		1400	48.4
60-29-7	Diethyl ether	ND		470	48.4
75-35-4	1,1-Dichloroethylene	ND		95	48.4
74-88-4	Methyl iodide	ND		190	48.4
107-13-1	Acrylonitrile	ND		470	48.4
75-09-2	Methylene chloride	ND		470	48.4
75-15-0	Carbon disulfide	ND		470	48.4
156-60-5	trans-1,2-Dichloroethylene	ND		95	48.4
1634-04-4	Methyltertbutylether (MTBE)	ND		470	48.4
75-34-3	1,1-Dichloroethane	ND		95	48.4
78-93-3	2-Butanone (MEK)	ND		470	48.4
156-59-2	cis-1,2-Dichloroethylene	ND		95	48.4
67-66-3	Chloroform	ND		95	48.4
74-97-5	Bromochloromethane	ND		190	48.4
71-55-6	1,1,1-Trichloroethane	ND		95	48.4
107-06-2	1,2-Dichloroethane	ND		95	48.4
71-43-2	Benzene	ND		95	48.4
56-23-5	Carbon tetrachloride	ND		95	48.4
78-87-5	1,2-Dichloropropane	ND		95	48.4
79-01-6	Trichloroethylene	ND		95	48.4
74-95-3	Dibromomethane	ND		190	48.4
75-27-4	Bromodichloromethane	ND		190	48.4
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		470	48.4
10061-01-5	cis-1,3-Dichloropropene	ND		95	48.4
10061-02-6	trans-1,3-Dichloropropene	ND		95	48.4
108-88-3	Toluene	100	J	95	48.4
79-00-5	1,1,2-Trichloroethane	ND		95	48.4
591-78-6	2-Hexanone	ND		470	48.4
124-48-1	Dibromochloromethane	ND		190	48.4
106-93-4	1,2-Dibromoethane	ND		95	48.4

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
127-18-4	Tetrachloroethene	ND		95	48.4
108-90-7	Chlorobenzene	ND		95	48.4
630-20-6	1,1,1,2-Tetrachloroethane	ND		190	48.4
100-41-4	Ethylbenzene	ND		95	48.4
108383,106423	m & p-Xylene	ND		190	48.4
75-25-2	Bromoform	ND		190	48.4
100-42-5	Styrene	ND		95	48.4
95-47-6	o-Xylene	ND		95	48.4
79-34-5	1,1,2,2-Tetrachloroethane	ND		190	48.4
96-18-4	1,2,3-Trichloropropane	ND		190	48.4
110-57-6	trans-1,4-Dichloro-2-butene	ND		190	48.4
98-82-8	Isopropylbenzene	ND		190	48.4
108-86-1	Bromobenzene	ND		190	48.4
103-65-1	n-Propylbenzene	ND		190	48.4
108-67-8	1,3,5-Trimethylbenzene	ND		190	48.4
98-06-6	tert-Butylbenzene	ND		470	48.4
95-63-6	1,2,4-Trimethylbenzene	ND		190	48.4
135-98-8	sec-Butylbenzene	ND		470	48.4
541-73-1	1,3-Dichlorobenzene	ND		190	48.4
106-46-7	1,4-Dichlorobenzene	ND		190	48.4
99-87-6	p-Isopropyl toluene	ND		470	48.4
95-50-1	1,2-Dichlorobenzene	ND		190	48.4
104-51-8	n-Butylbenzene	ND		470	48.4
67-72-1	Hexachloroethane	ND		190	48.4
96-12-8	1,2-Dibromo-3-chloropropane	ND		470	48.4
120-82-1	1,2,4-Trichlorobenzene	ND		470	48.4
91-20-3	Naphthalene	ND		470	48.4
87-61-6	1,2,3-Trichlorobenzene	ND		470	48.4
91-57-6	2-Methylnaphthalene	ND		470	48.4

ND = not detected at the specified reporting limit. NM = not measured.
Reference method is 8260.
USEPA Methods 8260 and 624 are used to quantitate volatile organic compounds that have boiling points below 200°C.
2-Methylnaphthalene and naphthalene are compounds with boiling points above 200°C and are better suited to quantitation by USEPA Methods 8270 or 625 as semivolatile organic compounds.

CODE "ST", LAB PRESERVED, "J" CODE ALL RESULTS DUE TO POOR SURROGATE RECOVERY, UNiD PEAKS

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-18OS

Date Collected:	6/1/2000	Test Code:	SBNA
Date Extracted:	6/13/2000 by tm-1186	Test Name:	BNA - Sediment
Date Analyzed:	6/22/2000 by SMG	Sample ID:	MC17-150-210
Total Solids:	51%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		6500	10
108-95-2	Phenol	ND		6500	10
111-44-4	Bis(2-chloroethyl)ether	ND		2000	10
95-57-8	2-Chlorophenol	ND		6500	10
541-73-1	1,3-Dichlorobenzene	ND		2000	10
106-46-7	1,4-Dichlorobenzene	ND		2000	10
95-50-1	1,2-Dichlorobenzene	ND		2000	10
95-48-7	2-Methylphenol (o-cresol)	ND		6500	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		2000	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		13000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		3900	10
67-72-1	Hexachloroethane	ND		2000	10
98-95-3	Nitrobenzene	ND		3900	10
78-59-1	Isophorone	ND		2000	10
88-75-5	2-Nitrophenol	ND		6500	10
105-67-9	2,4-Dimethylphenol	ND		6500	10
111-91-1	Bis(2-chloroethoxy)methane	ND		3900	10
120-83-2	2,4-Dichlorophenol	ND		6500	10
120-82-1	1,2,4-Trichlorobenzene	ND		3900	10
91-20-3	Naphthalene	ND		2000	10
87-68-3	Hexachlorobutadiene	ND		3900	10
59-50-7	4-Chloro-3-methylphenol	ND		6500	10
91-57-6	2-Methylnaphthalene	ND		4900	10
77-47-4	Hexachlorocyclopentadiene	ND		39000	10
88-06-2	2,4,6-Trichlorophenol	ND		6500	10
95-95-4	2,4,5-Trichlorophenol	ND		6500	10
91-58-7	2-Chloronaphthalene	ND		3900	10
88-74-4	2-Nitroaniline	ND		33000	10
208-96-8	Acenaphthylene	ND		2000	10
131-11-3	Dimethyl phthalate	ND		3900	10
606-20-2	2,6-Dinitrotoluene	ND		6500	10
99-09-2	3-Nitroaniline	ND		33000	10
83-32-9	Acenaphthene	ND		2000	10
51-28-5	2,4-Dinitrophenol	ND		33000	10
132-64-9	Dibenzofuran	ND		6500	10
100-02-7	4-Nitrophenol	ND		33000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		6500	10
86-73-7	Fluorene	ND		2000	10
84-66-2	Diethyl phthalate	ND		2000	10
100-01-6	4-Nitroaniline	ND		33000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		33000	10
7005-72-3	4-Chlorophenyl phenylether	ND		2000	10
156-10-5	N-Nitrosodiphenylamine	ND		3900	10
103-33-3	Azobenzene	ND		3900	10
101-55-3	4-Bromophenyl phenylether	ND		3900	10
118-74-1	Hexachlorobenzene	ND		3900	10
87-86-5	Pentachlorophenol	ND		67000	10
85-01-8	Phenanthrene	1100	T	2000	10
120-12-7	Anthracene	ND		2000	10
86-74-8	Carbazole	ND		6500	10
84-74-2	Di-n-butyl phthalate	ND		2000	10
206-44-0	Fluoranthene	1100	T	2000	10
129-00-0	Pyrene	1200	T	2000	10
85-68-7	Butyl benzyl phthalate	ND		2000	10
56-55-3	Benz(a)anthracene	ND		2000	10
218-01-9	Chrysene	ND		2000	10
117-81-7	Bis(2-ethylhexyl)phthalate	13000		3900	10
117-84-0	Di-n-octyl phthalate	ND		3900	10
205-99-2	Benzo(b)fluoranthene	ND		3900	10
207-08-9	Benzo(k)fluoranthene	ND		3900	10
50-32-8	Benzo(a)pyrene	ND		3900	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		3900	10
53-70-3	Dibenz(a,h)anthracene	ND		3900	10
191-24-2	Benzo(g,h,i)perylene	ND		3900	10

The elevated reporting limits are due to matrix interferences.

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-18OS

Date Collected:	6/1/2000	Test Code:	SPCB
Date Extracted:	6/12/2000 by tm-1185	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	MC17-150-210
Total Solids:	51%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		200	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		200	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		200	1.0
53469-21-9	Aroclor 1242 (PCB)	170	T	200	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		200	1.0
11097-69-1	Aroclor 1254 (PCB)	640		200	1.0
11096-82-5	Aroclor 1260 (PCB)	920		200	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		200	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		200	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns
LH - low surrogate recovery

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-19ME

Date Collected:	6/1/2000	Test Code:	SME
		Test Name:	MEOH-Sed
Date Analyzed:	6/7/2000 by GRINWISS	Sample ID:	MC17-210-B
Total Solids:	51%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
75-71-8	Dichlorodifluoromethane	ND		490	50.3
74-87-3	Chloromethane	ND		490	50.3
75-01-4	Vinyl chloride	ND		200	50.3
74-83-9	Bromomethane	ND		490	50.3
75-00-3	Chloroethane	ND		490	50.3
75-69-4	Trichlorofluoromethane	ND		490	50.3
67-64-1	Acetone	ND		1500	50.3
60-29-7	Diethyl ether	ND		490	50.3
75-35-4	1,1-Dichloroethylene	ND		99	50.3
74-88-4	Methyl iodide	ND		200	50.3
107-13-1	Acrylonitrile	ND		490	50.3
75-09-2	Methylene chloride	ND		490	50.3
75-15-0	Carbon disulfide	ND		490	50.3
156-60-5	trans-1,2-Dichloroethylene	ND		99	50.3
1634-04-4	Methyltertbutylether (MTBE)	ND		490	50.3
75-34-3	1,1-Dichloroethane	ND		99	50.3
78-93-3	2-Butanone (MEK)	ND		490	50.3
156-59-2	cis-1,2-Dichloroethylene	ND		99	50.3
67-66-3	Chloroform	ND		99	50.3
74-97-5	Bromochloromethane	ND		200	50.3
71-55-6	1,1,1-Trichloroethane	ND		99	50.3
107-06-2	1,2-Dichloroethane	ND		99	50.3
71-43-2	Benzene	ND		99	50.3
56-23-5	Carbon tetrachloride	ND		99	50.3
78-87-5	1,2-Dichloropropane	ND		99	50.3
79-01-6	Trichloroethylene	ND		99	50.3
74-95-3	Dibromomethane	ND		200	50.3
75-27-4	Bromodichloromethane	ND		200	50.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		490	50.3
10061-01-5	cis-1,3-Dichloropropene	ND		99	50.3
10061-02-6	trans-1,3-Dichloropropene	ND		99	50.3
108-88-3	Toluene	180		99	50.3
79-00-5	1,1,2-Trichloroethane	ND		99	50.3
591-78-6	2-Hexanone	ND		490	50.3
124-48-1	Dibromochloromethane	ND		200	50.3
106-93-4	1,2-Dibromoethane	ND		99	50.3

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
127-18-4	Tetrachloroethene	ND		99	50.3
108-90-7	Chlorobenzene	ND		99	50.3
630-20-6	1,1,1,2-Tetrachloroethane	ND		200	50.3
100-41-4	Ethylbenzene	ND		99	50.3
108383,106423	m & p-Xylene	200		200	50.3
75-25-2	Bromoform	ND		200	50.3
100-42-5	Styrene	ND		99	50.3
95-47-6	o-Xylene	120		99	50.3
79-34-5	1,1,2,2-Tetrachloroethane	ND		200	50.3
96-18-4	1,2,3-Trichloropropane	ND		200	50.3
110-57-6	trans-1,4-Dichloro-2-butene	ND		200	50.3
98-82-8	Isopropylbenzene	ND		200	50.3
108-86-1	Bromobenzene	ND		200	50.3
103-65-1	n-Propylbenzene	ND		200	50.3
108-67-8	1,3,5-Trimethylbenzene	ND		200	50.3
98-06-6	tert-Butylbenzene	ND		490	50.3
95-63-6	1,2,4-Trimethylbenzene	230		200	50.3
135-98-8	sec-Butylbenzene	ND		490	50.3
541-73-1	1,3-Dichlorobenzene	ND		200	50.3
106-46-7	1,4-Dichlorobenzene	ND		200	50.3
99-87-6	p-Isopropyl toluene	ND		490	50.3
95-50-1	1,2-Dichlorobenzene	ND		200	50.3
104-51-8	n-Butylbenzene	ND		490	50.3
67-72-1	Hexachloroethane	ND		200	50.3
96-12-8	1,2-Dibromo-3-chloropropane	ND		490	50.3
120-82-1	1,2,4-Trichlorobenzene	ND		490	50.3
91-20-3	Naphthalene	ND		490	50.3
87-61-6	1,2,3-Trichlorobenzene	ND		490	50.3
91-57-6	2-Methylnaphthalene	ND		490	50.3

ND = not detected at the specified reporting limit. NM = not measured.
Reference method is 8260.
USEPA Methods 8260 and 624 are used to quantitate volatile organic compounds that have boiling points below 200°C.
2-Methylnaphthalene and naphthalene are compounds with boiling points above 200°C and are better suited to quantitation by USEPA Methods 8270 or 625 as semivolatile organic compounds.

CODE "ST" , LAB PRESERVED, UNiD PEAKS

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-19OS

Date Collected:	6/1/2000	Test Code:	SBNA
Date Extracted:	6/13/2000 by tm-1186	Test Name:	BNA - Sediment
Date Analyzed:	6/22/2000 by SMG	Sample ID:	MC17-210-B
Total Solids:	51%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		6500	10
108-95-2	Phenol	ND		6500	10
111-44-4	Bis(2-chloroethyl)ether	ND		2000	10
95-57-8	2-Chlorophenol	ND		6500	10
541-73-1	1,3-Dichlorobenzene	ND		2000	10
106-46-7	1,4-Dichlorobenzene	ND		2000	10
95-50-1	1,2-Dichlorobenzene	ND		2000	10
95-48-7	2-Methylphenol (o-cresol)	ND		6500	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		2000	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		13000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		3900	10
67-72-1	Hexachloroethane	ND		2000	10
98-95-3	Nitrobenzene	ND		3900	10
78-59-1	Isophorone	ND		2000	10
88-75-5	2-Nitrophenol	ND		6500	10
105-67-9	2,4-Dimethylphenol	ND		6500	10
111-91-1	Bis(2-chloroethoxy)methane	ND		3900	10
120-83-2	2,4-Dichlorophenol	ND		6500	10
120-82-1	1,2,4-Trichlorobenzene	ND		3900	10
91-20-3	Naphthalene	ND		2000	10
87-68-3	Hexachlorobutadiene	ND		3900	10
59-50-7	4-Chloro-3-methylphenol	ND		6500	10
91-57-6	2-Methylnaphthalene	ND		4900	10
77-47-4	Hexachlorocyclopentadiene	ND		39000	10
88-06-2	2,4,6-Trichlorophenol	ND		6500	10
95-95-4	2,4,5-Trichlorophenol	ND		6500	10
91-58-7	2-Chloronaphthalene	ND		3900	10
88-74-4	2-Nitroaniline	ND		33000	10
208-96-8	Acenaphthylene	ND		2000	10
131-11-3	Dimethyl phthalate	ND		3900	10
606-20-2	2,6-Dinitrotoluene	ND		6500	10
99-09-2	3-Nitroaniline	ND		33000	10
83-32-9	Acenaphthene	ND		2000	10
51-28-5	2,4-Dinitrophenol	ND		33000	10
132-64-9	Dibenzofuran	ND		6500	10
100-02-7	4-Nitrophenol	ND		33000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		6500	10
86-73-7	Fluorene	ND		2000	10
84-66-2	Diethyl phthalate	ND		2000	10
100-01-6	4-Nitroaniline	ND		33000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		33000	10
7005-72-3	4-Chlorophenyl phenylether	ND		2000	10
156-10-5	N-Nitrosodiphenylamine	ND		3900	10
103-33-3	Azobenzene	ND		3900	10
101-55-3	4-Bromophenyl phenylether	ND		3900	10
118-74-1	Hexachlorobenzene	ND		3900	10
87-86-5	Pentachlorophenol	ND		67000	10
85-01-8	Phenanthrene	ND		2000	10
120-12-7	Anthracene	ND		2000	10
86-74-8	Carbazole	ND		6500	10
84-74-2	Di-n-butyl phthalate	ND		2000	10
206-44-0	Fluoranthene	ND		2000	10
129-00-0	Pyrene	ND		2000	10
85-68-7	Butyl benzyl phthalate	ND		2000	10
56-55-3	Benz(a)anthracene	ND		2000	10
218-01-9	Chrysene	ND		2000	10
117-81-7	Bis(2-ethylhexyl)phthalate	7200		3900	10
117-84-0	Di-n-octyl phthalate	ND		3900	10
205-99-2	Benzo(b)fluoranthene	ND		3900	10
207-08-9	Benzo(k)fluoranthene	ND		3900	10
50-32-8	Benzo(a)pyrene	ND		3900	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		3900	10
53-70-3	Dibenz(a,h)anthracene	ND		3900	10
191-24-2	Benzo(g,h,i)perylene	ND		3900	10

The elevated reporting limits are due to matrix interferences.

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-19OS

Date Collected:	6/1/2000	Test Code:	SPCB
Date Extracted:	6/12/2000 by tm-1185	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	MC17-210-B
Total Solids:	51%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		200	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		200	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		200	1.0
53469-21-9	Aroclor 1242 (PCB)	520		200	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		200	1.0
11097-69-1	Aroclor 1254 (PCB)	750		200	1.0
11096-82-5	Aroclor 1260 (PCB)	550		200	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		200	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		200	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns
LH - low surrogate recovery

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-20ME

Date Collected:	6/1/2000	Test Code:	SME
		Test Name:	MEOH-Sed
Date Analyzed:	6/7/2000 by GRINWISS	Sample ID:	MC18-00-30
Total Solids:	45%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
75-71-8	Dichlorodifluoromethane	ND		550	49.5
74-87-3	Chloromethane	ND		550	49.5
75-01-4	Vinyl chloride	ND		220	49.5
74-83-9	Bromomethane	ND		550	49.5
75-00-3	Chloroethane	ND		550	49.5
75-69-4	Trichlorofluoromethane	ND		550	49.5
67-64-1	Acetone	ND		1600	49.5
60-29-7	Diethyl ether	ND		550	49.5
75-35-4	1,1-Dichloroethylene	ND		110	49.5
74-88-4	Methyl iodide	ND		220	49.5
107-13-1	Acrylonitrile	ND		550	49.5
75-09-2	Methylene chloride	ND		550	49.5
75-15-0	Carbon disulfide	ND		550	49.5
156-60-5	trans-1,2-Dichloroethylene	ND		110	49.5
1634-04-4	Methyltertbutylether (MTBE)	ND		550	49.5
75-34-3	1,1-Dichloroethane	ND		110	49.5
78-93-3	2-Butanone (MEK)	ND		550	49.5
156-59-2	cis-1,2-Dichloroethylene	ND		110	49.5
67-66-3	Chloroform	ND		110	49.5
74-97-5	Bromochloromethane	ND		220	49.5
71-55-6	1,1,1-Trichloroethane	ND		110	49.5
107-06-2	1,2-Dichloroethane	ND		110	49.5
71-43-2	Benzene	ND		110	49.5
56-23-5	Carbon tetrachloride	ND		110	49.5
78-87-5	1,2-Dichloropropane	ND		110	49.5
79-01-6	Trichloroethylene	ND		110	49.5
74-95-3	Dibromomethane	ND		220	49.5
75-27-4	Bromodichloromethane	ND		220	49.5
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		550	49.5
10061-01-5	cis-1,3-Dichloropropene	ND		110	49.5
10061-02-6	trans-1,3-Dichloropropene	ND		110	49.5
108-88-3	Toluene	280	J	110	49.5
79-00-5	1,1,2-Trichloroethane	ND		110	49.5
591-78-6	2-Hexanone	ND		550	49.5
124-48-1	Dibromochloromethane	ND		220	49.5
106-93-4	1,2-Dibromoethane	ND		110	49.5

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
127-18-4	Tetrachloroethene	ND		110	49.5
108-90-7	Chlorobenzene	ND		110	49.5
630-20-6	1,1,1,2-Tetrachloroethane	ND		220	49.5
100-41-4	Ethylbenzene	ND		110	49.5
108383,106423	m & p-Xylene	ND		220	49.5
75-25-2	Bromoform	ND		220	49.5
100-42-5	Styrene	ND		110	49.5
95-47-6	o-Xylene	ND		110	49.5
79-34-5	1,1,2,2-Tetrachloroethane	ND		220	49.5
96-18-4	1,2,3-Trichloropropane	ND		220	49.5
110-57-6	trans-1,4-Dichloro-2-butene	ND		220	49.5
98-82-8	Isopropylbenzene	ND		220	49.5
108-86-1	Bromobenzene	ND		220	49.5
103-65-1	n-Propylbenzene	ND		220	49.5
108-67-8	1,3,5-Trimethylbenzene	ND		220	49.5
98-06-6	tert-Butylbenzene	ND		550	49.5
95-63-6	1,2,4-Trimethylbenzene	ND		220	49.5
135-98-8	sec-Butylbenzene	ND		550	49.5
541-73-1	1,3-Dichlorobenzene	ND		220	49.5
106-46-7	1,4-Dichlorobenzene	ND		220	49.5
99-87-6	p-Isopropyl toluene	ND		550	49.5
95-50-1	1,2-Dichlorobenzene	ND		220	49.5
104-51-8	n-Butylbenzene	ND		550	49.5
67-72-1	Hexachloroethane	ND		220	49.5
96-12-8	1,2-Dibromo-3-chloropropane	ND		550	49.5
120-82-1	1,2,4-Trichlorobenzene	ND		550	49.5
91-20-3	Naphthalene	ND		550	49.5
87-61-6	1,2,3-Trichlorobenzene	ND		550	49.5
91-57-6	2-Methylnaphthalene	ND		550	49.5

ND = not detected at the specified reporting limit. NM = not measured.
Reference method is 8260.
USEPA Methods 8260 and 624 are used to quantitate volatile organic compounds that have boiling points below 200°C. 2-Methylnaphthalene and naphthalene are compounds with boiling points above 200°C and are better suited to quantitation by USEPA Methods 8270 or 625 as semivolatile organic compounds.

CODE "ST" , LAB PRESERVED, "J" CODE ALL RESULTS DUE TO POOR SURROGATE RECOVERY,

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-20OS

Date Collected:	6/1/2000	Test Code:	SBNA
Date Extracted:	6/13/2000 by tm-1186	Test Name:	BNA - Sediment
Date Analyzed:	6/21/2000 by SMG	Sample ID:	MC18-00-30
Total Solids:	45%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		730	1
108-95-2	Phenol	ND		730	1
111-44-4	Bis(2-chloroethyl)ether	ND		220	1
95-57-8	2-Chlorophenol	ND		730	1
541-73-1	1,3-Dichlorobenzene	ND		220	1
106-46-7	1,4-Dichlorobenzene	ND		220	1
95-50-1	1,2-Dichlorobenzene	ND		220	1
95-48-7	2-Methylphenol (o-cresol)	ND		730	1
108-60-1	Bis(2-chloroisopropyl)ether	ND		220	1
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		1500	1
621-64-7	N-Nitrosodi-n-propylamine	ND		440	1
67-72-1	Hexachloroethane	ND		220	1
98-95-3	Nitrobenzene	ND		440	1
78-59-1	Isophorone	ND		220	1
88-75-5	2-Nitrophenol	ND		730	1
105-67-9	2,4-Dimethylphenol	ND		730	1
111-91-1	Bis(2-chloroethoxy)methane	ND		440	1
120-83-2	2,4-Dichlorophenol	ND		730	1
120-82-1	1,2,4-Trichlorobenzene	ND		440	1
91-20-3	Naphthalene	170	T	220	1
87-68-3	Hexachlorobutadiene	ND		440	1
59-50-7	4-Chloro-3-methylphenol	ND		730	1
91-57-6	2-Methylnaphthalene	ND		560	1
77-47-4	Hexachlorocyclopentadiene	ND		4400	1
88-06-2	2,4,6-Trichlorophenol	ND		730	1
95-95-4	2,4,5-Trichlorophenol	ND		730	1
91-58-7	2-Chloronaphthalene	ND		440	1
88-74-4	2-Nitroaniline	ND		3800	1
208-96-8	Acenaphthylene	ND		220	1
131-11-3	Dimethyl phthalate	ND		440	1
606-20-2	2,6-Dinitrotoluene	ND		730	1
99-09-2	3-Nitroaniline	ND		3800	1
83-32-9	Acenaphthene	ND		220	1
51-28-5	2,4-Dinitrophenol	ND		3800	1
132-64-9	Dibenzofuran	ND		730	1
100-02-7	4-Nitrophenol	ND		3800	1

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		730	1
86-73-7	Fluorene	ND		220	1
84-66-2	Diethyl phthalate	ND		220	1
100-01-6	4-Nitroaniline	ND		3800	1
534-52-1	2-Methyl-4,6-dinitrophenol	ND		3800	1
7005-72-3	4-Chlorophenyl phenylether	ND		220	1
156-10-5	N-Nitrosodiphenylamine	ND		440	1
103-33-3	Azobenzene	ND		440	1
101-55-3	4-Bromophenyl phenylether	ND		440	1
118-74-1	Hexachlorobenzene	ND		440	1
87-86-5	Pentachlorophenol	ND		7600	1
85-01-8	Phenanthrene	400		220	1
120-12-7	Anthracene	ND		220	1
86-74-8	Carbazole	ND		730	1
84-74-2	Di-n-butyl phthalate	ND		220	1
206-44-0	Fluoranthene	600		220	1
129-00-0	Pyrene	470		220	1
85-68-7	Butyl benzyl phthalate	ND		220	1
56-55-3	Benz(a)anthracene	230		220	1
218-01-9	Chrysene	300		220	1
117-81-7	Bis(2-ethylhexyl)phthalate	2100		440	1
117-84-0	Di-n-octyl phthalate	ND		440	1
205-99-2	Benzo(b)fluoranthene	ND		440	1
207-08-9	Benzo(k)fluoranthene	ND		440	1
50-32-8	Benzo(a)pyrene	ND		440	1
193-39-5	Indeno(1,2,3-cd)pyrene	ND		440	1
53-70-3	Dibenz(a,h)anthracene	ND		440	1
191-24-2	Benzo(g,h,i)perylene	ND		440	1

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-20OS

Date Collected:	6/1/2000	Test Code:	SPCB
Date Extracted:	6/12/2000 by tm-1185	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	MC18-00-30
Total Solids:	45%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		220	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		220	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		220	1.0
53469-21-9	Aroclor 1242 (PCB)	150	T	220	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		220	1.0
11097-69-1	Aroclor 1254 (PCB)	430		220	1.0
11096-82-5	Aroclor 1260 (PCB)	480		220	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		220	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		220	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-21ME

Date Collected:	6/1/2000	Test Code:	SME
		Test Name:	MEOH-Sed
Date Analyzed:	6/7/2000 by GRINWISS	Sample ID:	MC18-30-90
Total Solids:	47%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
75-71-8	Dichlorodifluoromethane	ND		510	47.8
74-87-3	Chloromethane	ND		510	47.8
75-01-4	Vinyl chloride	ND		200	47.8
74-83-9	Bromomethane	ND		510	47.8
75-00-3	Chloroethane	ND		510	47.8
75-69-4	Trichlorofluoromethane	ND		510	47.8
67-64-1	Acetone	ND		1500	47.8
60-29-7	Diethyl ether	ND		510	47.8
75-35-4	1,1-Dichloroethylene	ND		100	47.8
74-88-4	Methyl iodide	ND		200	47.8
107-13-1	Acrylonitrile	ND		510	47.8
75-09-2	Methylene chloride	ND		510	47.8
75-15-0	Carbon disulfide	ND		510	47.8
156-60-5	trans-1,2-Dichloroethylene	ND		100	47.8
1634-04-4	Methyltertbutylether (MTBE)	ND		510	47.8
75-34-3	1,1-Dichloroethane	ND		100	47.8
78-93-3	2-Butanone (MEK)	ND		510	47.8
156-59-2	cis-1,2-Dichloroethylene	ND		100	47.8
67-66-3	Chloroform	ND		100	47.8
74-97-5	Bromochloromethane	ND		200	47.8
71-55-6	1,1,1-Trichloroethane	ND		100	47.8
107-06-2	1,2-Dichloroethane	ND		100	47.8
71-43-2	Benzene	ND		100	47.8
56-23-5	Carbon tetrachloride	ND		100	47.8
78-87-5	1,2-Dichloropropane	ND		100	47.8
79-01-6	Trichloroethylene	ND		100	47.8
74-95-3	Dibromomethane	ND		200	47.8
75-27-4	Bromodichloromethane	ND		200	47.8
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		510	47.8
10061-01-5	cis-1,3-Dichloropropene	ND		100	47.8
10061-02-6	trans-1,3-Dichloropropene	ND		100	47.8
108-88-3	Toluene	120	J	100	47.8
79-00-5	1,1,2-Trichloroethane	ND		100	47.8
591-78-6	2-Hexanone	ND		510	47.8
124-48-1	Dibromochloromethane	ND		200	47.8
106-93-4	1,2-Dibromoethane	ND		100	47.8

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
127-18-4	Tetrachloroethene	ND		100	47.8
108-90-7	Chlorobenzene	ND		100	47.8
630-20-6	1,1,1,2-Tetrachloroethane	ND		200	47.8
100-41-4	Ethylbenzene	ND		100	47.8
108383,106423	m & p-Xylene	ND		200	47.8
75-25-2	Bromoform	ND		200	47.8
100-42-5	Styrene	ND		100	47.8
95-47-6	o-Xylene	ND		100	47.8
79-34-5	1,1,2,2-Tetrachloroethane	ND		200	47.8
96-18-4	1,2,3-Trichloropropane	ND		200	47.8
110-57-6	trans-1,4-Dichloro-2-butene	ND		200	47.8
98-82-8	Isopropylbenzene	ND		200	47.8
108-86-1	Bromobenzene	ND		200	47.8
103-65-1	n-Propylbenzene	ND		200	47.8
108-67-8	1,3,5-Trimethylbenzene	ND		200	47.8
98-06-6	tert-Butylbenzene	ND		510	47.8
95-63-6	1,2,4-Trimethylbenzene	ND		200	47.8
135-98-8	sec-Butylbenzene	ND		510	47.8
541-73-1	1,3-Dichlorobenzene	ND		200	47.8
106-46-7	1,4-Dichlorobenzene	ND		200	47.8
99-87-6	p-Isopropyl toluene	ND		510	47.8
95-50-1	1,2-Dichlorobenzene	ND		200	47.8
104-51-8	n-Butylbenzene	ND		510	47.8
67-72-1	Hexachloroethane	ND		200	47.8
96-12-8	1,2-Dibromo-3-chloropropane	ND		510	47.8
120-82-1	1,2,4-Trichlorobenzene	ND		510	47.8
91-20-3	Naphthalene	ND		510	47.8
87-61-6	1,2,3-Trichlorobenzene	ND		510	47.8
91-57-6	2-Methylnaphthalene	ND		510	47.8

ND = not detected at the specified reporting limit. NM = not measured.
Reference method is 8260.
USEPA Methods 8260 and 624 are used to quantitate volatile organic compounds that have boiling points below 200°C. 2-Methylnaphthalene and naphthalene are compounds with boiling points above 200°C and are better suited to quantitation by USEPA Methods 8270 or 625 as semivolatile organic compounds.

CODE "ST" , LAB PRESERVED, "J" CODE ALL RESULTS DUE TO POOR SURROGATE RECOVERY, UNiD PEAKS

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-21OS

Date Collected:	6/1/2000	Test Code:	SBNA
Date Extracted:	6/13/2000 by tm-1186	Test Name:	BNA - Sediment
Date Analyzed:	6/21/2000 by SMG	Sample ID:	MC18-30-90
Total Solids:	47%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		7000	10
108-95-2	Phenol	ND		7000	10
111-44-4	Bis(2-chloroethyl)ether	ND		2100	10
95-57-8	2-Chlorophenol	ND		7000	10
541-73-1	1,3-Dichlorobenzene	ND		2100	10
106-46-7	1,4-Dichlorobenzene	ND		2100	10
95-50-1	1,2-Dichlorobenzene	ND		2100	10
95-48-7	2-Methylphenol (o-cresol)	ND		7000	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		2100	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		14000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		4300	10
67-72-1	Hexachloroethane	ND		2100	10
98-95-3	Nitrobenzene	ND		4300	10
78-59-1	Isophorone	ND		2100	10
88-75-5	2-Nitrophenol	ND		7000	10
105-67-9	2,4-Dimethylphenol	ND		7000	10
111-91-1	Bis(2-chloroethoxy)methane	ND		4300	10
120-83-2	2,4-Dichlorophenol	ND		7000	10
120-82-1	1,2,4-Trichlorobenzene	ND		4300	10
91-20-3	Naphthalene	ND		2100	10
87-68-3	Hexachlorobutadiene	ND		4300	10
59-50-7	4-Chloro-3-methylphenol	ND		7000	10
91-57-6	2-Methylnaphthalene	ND		5300	10
77-47-4	Hexachlorocyclopentadiene	ND		43000	10
88-06-2	2,4,6-Trichlorophenol	ND		7000	10
95-95-4	2,4,5-Trichlorophenol	ND		7000	10
91-58-7	2-Chloronaphthalene	ND		4300	10
88-74-4	2-Nitroaniline	ND		36000	10
208-96-8	Acenaphthylene	ND		2100	10
131-11-3	Dimethyl phthalate	ND		4300	10
606-20-2	2,6-Dinitrotoluene	ND		7000	10
99-09-2	3-Nitroaniline	ND		36000	10
83-32-9	Acenaphthene	ND		2100	10
51-28-5	2,4-Dinitrophenol	ND		36000	10
132-64-9	Dibenzofuran	ND		7000	10
100-02-7	4-Nitrophenol	ND		36000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		7000	10
86-73-7	Fluorene	ND		2100	10
84-66-2	Diethyl phthalate	ND		2100	10
100-01-6	4-Nitroaniline	ND		36000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		36000	10
7005-72-3	4-Chlorophenyl phenylether	ND		2100	10
156-10-5	N-Nitrosodiphenylamine	ND		4300	10
103-33-3	Azobenzene	ND		4300	10
101-55-3	4-Bromophenyl phenylether	ND		4300	10
118-74-1	Hexachlorobenzene	ND		4300	10
87-86-5	Pentachlorophenol	ND		72000	10
85-01-8	Phenanthrene	ND		2100	10
120-12-7	Anthracene	ND		2100	10
86-74-8	Carbazole	ND		7000	10
84-74-2	Di-n-butyl phthalate	ND		2100	10
206-44-0	Fluoranthene	ND		2100	10
129-00-0	Pyrene	ND		2100	10
85-68-7	Butyl benzyl phthalate	ND		2100	10
56-55-3	Benz(a)anthracene	ND		2100	10
218-01-9	Chrysene	ND		2100	10
117-81-7	Bis(2-ethylhexyl)phthalate	6900		4300	10
117-84-0	Di-n-octyl phthalate	ND		4300	10
205-99-2	Benzo(b)fluoranthene	ND		4300	10
207-08-9	Benzo(k)fluoranthene	ND		4300	10
50-32-8	Benzo(a)pyrene	ND		4300	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		4300	10
53-70-3	Dibenz(a,h)anthracene	ND		4300	10
191-24-2	Benzo(g,h,i)perylene	ND		4300	10

The elevated reporting limits are due to matrix interferences.

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-21OS

Date Collected:	6/1/2000	Test Code:	SPCB
Date Extracted:	6/12/2000 by tm-1185	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	MC18-30-90
Total Solids:	47%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		210	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		210	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		210	1.0
53469-21-9	Aroclor 1242 (PCB)	780		210	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		210	1.0
11097-69-1	Aroclor 1254 (PCB)	1000		210	1.0
11096-82-5	Aroclor 1260 (PCB)	460		210	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		210	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		210	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns
LH - low surrogate recovery

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-22ME

Date Collected:	6/1/2000	Test Code:	SME
		Test Name:	MEOH-Sed
Date Analyzed:	6/7/2000 by GRINWISS	Sample ID:	MC18-30-90DUP
Total Solids:	47%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
75-71-8	Dichlorodifluoromethane	ND		520	48.9
74-87-3	Chloromethane	ND		520	48.9
75-01-4	Vinyl chloride	ND		210	48.9
74-83-9	Bromomethane	ND		520	48.9
75-00-3	Chloroethane	ND		520	48.9
75-69-4	Trichlorofluoromethane	ND		520	48.9
67-64-1	Acetone	ND		1600	48.9
60-29-7	Diethyl ether	ND		520	48.9
75-35-4	1,1-Dichloroethylene	ND		100	48.9
74-88-4	Methyl iodide	ND		210	48.9
107-13-1	Acrylonitrile	ND		520	48.9
75-09-2	Methylene chloride	ND		520	48.9
75-15-0	Carbon disulfide	ND		520	48.9
156-60-5	trans-1,2-Dichloroethylene	ND		100	48.9
1634-04-4	Methyltertbutylether (MTBE)	ND		520	48.9
75-34-3	1,1-Dichloroethane	ND		100	48.9
78-93-3	2-Butanone (MEK)	ND		520	48.9
156-59-2	cis-1,2-Dichloroethylene	ND		100	48.9
67-66-3	Chloroform	ND		100	48.9
74-97-5	Bromochloromethane	ND		210	48.9
71-55-6	1,1,1-Trichloroethane	ND		100	48.9
107-06-2	1,2-Dichloroethane	ND		100	48.9
71-43-2	Benzene	ND		100	48.9
56-23-5	Carbon tetrachloride	ND		100	48.9
78-87-5	1,2-Dichloropropane	ND		100	48.9
79-01-6	Trichloroethylene	ND		100	48.9
74-95-3	Dibromomethane	ND		210	48.9
75-27-4	Bromodichloromethane	ND		210	48.9
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		520	48.9
10061-01-5	cis-1,3-Dichloropropene	ND		100	48.9
10061-02-6	trans-1,3-Dichloropropene	ND		100	48.9
108-88-3	Toluene	ND		100	48.9
79-00-5	1,1,2-Trichloroethane	ND		100	48.9
591-78-6	2-Hexanone	ND		520	48.9
124-48-1	Dibromochloromethane	ND		210	48.9
106-93-4	1,2-Dibromoethane	ND		100	48.9

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
127-18-4	Tetrachloroethene	ND		100	48.9
108-90-7	Chlorobenzene	ND		100	48.9
630-20-6	1,1,1,2-Tetrachloroethane	ND		210	48.9
100-41-4	Ethylbenzene	ND		100	48.9
108383,106423	m & p-Xylene	ND		210	48.9
75-25-2	Bromoform	ND		210	48.9
100-42-5	Styrene	ND		100	48.9
95-47-6	o-Xylene	ND		100	48.9
79-34-5	1,1,2,2-Tetrachloroethane	ND		210	48.9
96-18-4	1,2,3-Trichloropropane	ND		210	48.9
110-57-6	trans-1,4-Dichloro-2-butene	ND		210	48.9
98-82-8	Isopropylbenzene	ND		210	48.9
108-86-1	Bromobenzene	ND		210	48.9
103-65-1	n-Propylbenzene	ND		210	48.9
108-67-8	1,3,5-Trimethylbenzene	ND		210	48.9
98-06-6	tert-Butylbenzene	ND		520	48.9
95-63-6	1,2,4-Trimethylbenzene	ND		210	48.9
135-98-8	sec-Butylbenzene	ND		520	48.9
541-73-1	1,3-Dichlorobenzene	ND		210	48.9
106-46-7	1,4-Dichlorobenzene	ND		210	48.9
99-87-6	p-Isopropyl toluene	ND		520	48.9
95-50-1	1,2-Dichlorobenzene	ND		210	48.9
104-51-8	n-Butylbenzene	ND		520	48.9
67-72-1	Hexachloroethane	ND		210	48.9
96-12-8	1,2-Dibromo-3-chloropropane	ND		520	48.9
120-82-1	1,2,4-Trichlorobenzene	ND		520	48.9
91-20-3	Naphthalene	ND		520	48.9
87-61-6	1,2,3-Trichloroben[illegible]e	ND		520	48.9
91-57-6	2-Methylnaphthalene	ND		520	48.9

ND = not detected at the specified reporting limit. NM = not measured.
Reference method is 8260.
USEPA Methods 8260 and 624 are used to quantitate volatile organic compounds that have boiling points below 200°C. 2-Methylnaphthalene and naphthalene are compounds with boiling points above 200°C and are better suited to quantitation by USEPA Methods 8270 or 625 as semivolatile organic compounds.

CODE "ST" , LAB PRESERVED, "J" CODE ALL RESULTS DUE TO POOR SURROGATE RECOVERY,

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-22OS

Date Collected:	6/1/2000	Test Code:	SBNA
Date Extracted:	6/13/2000 by tm-1186	Test Name:	BNA - Sediment
Date Analyzed:	6/22/2000 by SMG	Sample ID:	MC18-30-90DUP
Total Solids:	47%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		7000	10
108-95-2	Phenol	ND		7000	10
111-44-4	Bis(2-chloroethyl)ether	ND		2100	10
95-57-8	2-Chlorophenol	ND		7000	10
541-73-1	1,3-Dichlorobenzene	ND		2100	10
106-46-7	1,4-Dichlorobenzene	ND		2100	10
95-50-1	1,2-Dichlorobenzene	ND		2100	10
95-48-7	2-Methylphenol (o-cresol)	ND		7000	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		2100	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		14000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		4300	10
67-72-1	Hexachloroethane	ND		2100	10
98-95-3	Nitrobenzene	ND		4300	10
78-59-1	Isophorone	ND		2100	10
88-75-5	2-Nitrophenol	ND		7000	10
105-67-9	2,4-Dimethylphenol	ND		7000	10
111-91-1	Bis(2-chloroethoxy)methane	ND		4300	10
120-83-2	2,4-Dichlorophenol	ND		7000	10
120-82-1	1,2,4-Trichlorobenzene	ND		4300	10
91-20-3	Naphthalene	ND		2100	10
87-68-3	Hexachlorobutadiene	ND		4300	10
59-50-7	4-Chloro-3-methylphenol	ND		7000	10
91-57-6	2-Methylnaphthalene	ND		5300	10
77-47-4	Hexachlorocyclopentadiene	ND		43000	10
88-06-2	2,4,6-Trichlorophenol	ND		7000	10
95-95-4	2,4,5-Trichlorophenol	ND		7000	10
91-58-7	2-Chloronaphthalene	ND		4300	10
88-74-4	2-Nitroaniline	ND		36000	10
208-96-8	Acenaphthylene	ND		2100	10
131-11-3	Dimethyl phthalate	ND		4300	10
606-20-2	2,6-Dinitrotoluene	ND		7000	10
99-09-2	3-Nitroaniline	ND		36000	10
83-32-9	Acenaphthene	ND		2100	10
51-28-5	2,4-Dinitrophenol	ND		36000	10
132-64-9	Dibenzofuran	ND		7000	10
100-02-7	4-Nitrophenol	ND		36000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		7000	10
86-73-7	Fluorene	ND		2100	10
84-66-2	Diethyl phthalate	ND		2100	10
100-01-6	4-Nitroaniline	ND		36000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		36000	10
7005-72-3	4-Chlorophenyl phenylether	ND		2100	10
156-10-5	N-Nitrosodiphenylamine	ND		4300	10
103-33-3	Azobenzene	ND		4300	10
101-55-3	4-Bromophenyl phenylether	ND		4300	10
118-74-1	Hexachlorobenzene	ND		4300	10
87-86-5	Pentachlorophenol	ND		72000	10
85-01-8	Phenanthrene	1200	T	2100	10
120-12-7	Anthracene	ND		2100	10
86-74-8	Carbazole	ND		7000	10
84-74-2	Di-n-butyl phthalate	ND		2100	10
206-44-0	Fluoranthene	1500	T	2100	10
129-00-0	Pyrene	1200	T	2100	10
85-68-7	Butyl benzyl phthalate	ND		2100	10
56-55-3	Benz(a)anthracene	ND		2100	10
218-01-9	Chrysene	ND		2100	10
117-81-7	Bis(2-ethylhexyl)phthalate	16000		4300	10
117-84-0	Di-n-octyl phthalate	ND		4300	10
205-99-2	Benzo(b)fluoranthene	ND		4300	10
207-08-9	Benzo(k)fluoranthene	ND		4300	10
50-32-8	Benzo(a)pyrene	ND		4300	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		4300	10
53-70-3	Dibenz(a,h)anthracene	ND		4300	10
191-24-2	Benzo(g,h,i)perylene	ND		4300	10

The elevated reporting limits are due to matrix interferences.

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-22OS

Date Collected:	6/1/2000	Test Code:	SPCB
Date Extracted:	6/12/2000 by tm-1185	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	MC18-30-90DUP
Total Solids:	47%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		210	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		210	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		210	1.0
53469-21-9	Aroclor 1242 (PCB)	790		210	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		210	1.0
11097-69-1	Aroclor 1254 (PCB)	990		210	1.0
11096-82-5	Aroclor 1260 (PCB)	510		210	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		210	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		210	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-23ME

Date Collected:	6/1/2000	Test Code:	SME
		Test Name:	MEOH-Sed
Date Analyzed:	6/6/2000 by KL	Sample ID:	MC18-90-150
Total Solids:	48%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
75-71-8	Dichlorodifluoromethane	ND		510	49.0
74-87-3	Chloromethane	ND		510	49.0
75-01-4	Vinyl chloride	ND		200	49.0
74-83-9	Bromomethane	ND		510	49.0
75-00-3	Chloroethane	ND		510	49.0
75-69-4	Trichlorofluoromethane	ND		510	49.0
67-64-1	Acetone	ND		1500	49.0
60-29-7	Diethyl ether	ND		510	49.0
75-35-4	1,1-Dichloroethylene	ND		100	49.0
74-88-4	Methyl iodide	ND		200	49.0
107-13-1	Acrylonitrile	ND		510	49.0
75-09-2	Methylene chloride	ND		510	49.0
75-15-0	Carbon disulfide	ND		510	49.0
156-60-5	trans-1,2-Dichloroethylene	ND		100	49.0
1634-04-4	Methyltertbutylether (MTBE)	ND		510	49.0
75-34-3	1,1-Dichloroethane	ND		100	49.0
78-93-3	2-Butanone (MEK)	ND		510	49.0
156-59-2	cis-1,2-Dichloroethylene	ND		100	49.0
67-66-3	Chloroform	ND		100	49.0
74-97-5	Bromochloromethane	ND		200	49.0
71-55-6	1,1,1-Trichloroethane	ND		100	49.0
107-06-2	1,2-Dichloroethane	ND		100	49.0
71-43-2	Benzene	ND		100	49.0
56-23-5	Carbon tetrachloride	ND		100	49.0
78-87-5	1,2-Dichloropropane	ND		100	49.0
79-01-6	Trichloroethylene	ND		100	49.0
74-95-3	Dibromomethane	ND		200	49.0
75-27-4	Bromodichloromethane	ND		200	49.0
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		510	49.0
10061-01-5	cis-1,3-Dichloropropene	ND		100	49.0
10061-02-6	trans-1,3-Dichloropropene	ND		100	49.0
108-88-3	Toluene	160	J	100	49.0
79-00-5	1,1,2-Trichloroethane	ND		100	49.0
591-78-6	2-Hexanone	ND		510	49.0
124-48-1	Dibromochloromethane	ND		200	49.0
106-93-4	1,2-Dibromoethane	ND		100	49.0

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
127-18-4	Tetrachloroethene	ND		100	49.0
108-90-7	Chlorobenzene	ND		100	49.0
630-20-6	1,1,1,2-Tetrachloroethane	ND		200	49.0
100-41-4	Ethylbenzene	ND		100	49.0
108383,106423	m & p-Xylene	ND		200	49.0
75-25-2	Bromoform	ND		200	49.0
100-42-5	Styrene	ND		100	49.0
95-47-6	o-Xylene	ND		100	49.0
79-34-5	1,1,2,2-Tetrachloroethane	ND		200	49.0
96-18-4	1,2,3-Trichloropropane	ND		200	49.0
110-57-6	trans-1,4-Dichloro-2-butene	ND		200	49.0
98-82-8	Isopropylbenzene	ND		200	49.0
108-86-1	Bromobenzene	ND		200	49.0
103-65-1	n-Propylbenzene	ND		200	49.0
108-67-8	1,3,5-Trimethylbenzene	ND		200	49.0
98-06-6	tert-Butylbenzene	ND		510	49.0
95-63-6	1,2,4-Trimethylbenzene	ND		200	49.0
135-98-8	sec-Butylbenzene	ND		510	49.0
541-73-1	1,3-Dichlorobenzene	ND		200	49.0
106-46-7	1,4-Dichlorobenzene	ND		200	49.0
99-87-6	p-Isopropyl toluene	ND		510	49.0
95-50-1	1,2-Dichlorobenzene	ND		200	49.0
104-51-8	n-Butylbenzene	ND		510	49.0
67-72-1	Hexachloroethane	ND		200	49.0
96-12-8	1,2-Dibromo-3-chloropropane	ND		510	49.0
120-82-1	1,2,4-Trichlorobenzene	ND		510	49.0
91-20-3	Naphthalene	ND		510	49.0
87-61-6	1,2,3-Trichlorobenzene	ND		510	49.0
91-57-6	2-Methylnaphthalene	ND		510	49.0

UnID Peaks.
"J" code all results and reporting limits due to low surrogate recoveries.
"ST" code due to sample was preserved in the Lab.

ND = not detected at the specified reporting limit. NM = not measured.
Reference method is 8260.
USEPA Methods 8260 and 624 are used to quantitate volatile organic compounds that have boiling points below 200°C.
2-Methylnaphthalene and naphthalene are compounds with boiling points above 200°C and are better suited to quantitation by USEPA Methods 8270 or 625 as semivolatile organic compounds.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-23OS

Date Collected:	6/1/2000	Test Code:	SBNA
Date Extracted:	6/13/2000 by tm-1186	Test Name:	BNA - Sediment
Date Analyzed:	6/21/2000 by SMG	Sample ID:	MC18-90-150
Total Solids:	48%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		6900	10
108-95-2	Phenol	ND		6900	10
111-44-4	Bis(2-chloroethyl)ether	ND		2100	10
95-57-8	2-Chlorophenol	ND		6900	10
541-73-1	1,3-Dichlorobenzene	ND		2100	10
106-46-7	1,4-Dichlorobenzene	ND		2100	10
95-50-1	1,2-Dichlorobenzene	ND		2100	10
95-48-7	2-Methylphenol (o-cresol)	ND		6900	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		2100	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		14000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		4200	10
67-72-1	Hexachloroethane	ND		2100	10
98-95-3	Nitrobenzene	ND		4200	10
78-59-1	Isophorone	ND		2100	10
88-75-5	2-Nitrophenol	ND		6900	10
105-67-9	2,4-Dimethylphenol	ND		6900	10
111-91-1	Bis(2-chloroethoxy)methane	ND		4200	10
120-83-2	2,4-Dichlorophenol	ND		6900	10
120-82-1	1,2,4-Trichlorobenzene	ND		4200	10
91-20-3	Naphthalene	ND		2100	10
87-68-3	Hexachlorobutadiene	ND		4200	10
59-50-7	4-Chloro-3-methylphenol	ND		6900	10
91-57-6	2-Methylnaphthalene	ND		5200	10
77-47-4	Hexachlorocyclopentadiene	ND		42000	10
88-06-2	2,4,6-Trichlorophenol	ND		6900	10
95-95-4	2,4,5-Trichlorophenol	ND		6900	10
91-58-7	2-Chloronaphthalene	ND		4200	10
88-74-4	2-Nitroaniline	ND		35000	10
208-96-8	Acenaphthylene	ND		2100	10
131-11-3	Dimethyl phthalate	ND		4200	10
606-20-2	2,6-Dinitrotoluene	ND		6900	10
99-09-2	3-Nitroaniline	ND		35000	10
83-32-9	Acenaphthene	ND		2100	10
51-28-5	2,4-Dinitrophenol	ND		35000	10
132-64-9	Dibenzofuran	ND		6900	10
100-02-7	4-Nitrophenol	ND		35000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		6900	10
86-73-7	Fluorene	ND		2100	10
84-66-2	Diethyl phthalate	ND		2100	10
100-01-6	4-Nitroaniline	ND		35000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		35000	10
7005-72-3	4-Chlorophenyl phenylether	ND		2100	10
156-10-5	N-Nitrosodiphenylamine	ND		4200	10
103-33-3	Azobenzene	ND		4200	10
101-55-3	4-Bromophenyl phenylether	ND		4200	10
118-74-1	Hexachlorobenzene	ND		4200	10
87-86-5	Pentachlorophenol	ND		71000	10
85-01-8	Phenanthrene	ND		2100	10
120-12-7	Anthracene	ND		2100	10
86-74-8	Carbazole	ND		6900	10
84-74-2	Di-n-butyl phthalate	ND		2100	10
206-44-0	Fluoranthene	ND		2100	10
129-00-0	Pyrene	ND		2100	10
85-68-7	Butyl benzyl phthalate	ND		2100	10
56-55-3	Benz(a)anthracene	ND		2100	10
218-01-9	Chrysene	ND		2100	10
117-81-7	Bis(2-ethylhexyl)phthalate	4200		4200	10
117-84-0	Di-n-octyl phthalate	ND		4200	10
205-99-2	Benzo(b)fluoranthene	ND		4200	10
207-08-9	Benzo(k)fluoranthene	ND		4200	10
50-32-8	Benzo(a)pyrene	ND		4200	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		4200	10
53-70-3	Dibenz(a,h)anthracene	ND		4200	10
191-24-2	Benzo(g,h,i)perylene	ND		4200	10

The elevated reporting limits are due to matrix interferences.

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-23OS

Date Collected:	6/1/2000	Test Code:	SPCB
Date Extracted:	6/12/2000 by tm-1185	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	MC18-90-150
Total Solids:	48%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		210	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		210	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		210	1.0
53469-21-9	Aroclor 1242 (PCB)	4100		210	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		210	1.0
11097-69-1	Aroclor 1254 (PCB)	3100		210	1.0
11096-82-5	Aroclor 1260 (PCB)	750		210	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		210	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		210	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns
LH - low surrogate recovery

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-24ME

Date Collected:	6/1/2000	Test Code:	SME
		Test Name:	MEOH-Sed
Date Analyzed:	6/6/2000 by KL	Sample ID:	MC18-150-210
Total Solids:	49%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
75-71-8	Dichlorodifluoromethane	ND		520	50.9
74-87-3	Chloromethane	ND		520	50.9
75-01-4	Vinyl chloride	ND		210	50.9
74-83-9	Bromomethane	ND		520	50.9
75-00-3	Chloroethane	ND		520	50.9
75-69-4	Trichlorofluoromethane	ND		520	50.9
67-64-1	Acetone	ND		1600	50.9
60-29-7	Diethyl ether	ND		520	50.9
75-35-4	1,1-Dichloroethylene	ND		100	50.9
74-88-4	Methyl iodide	ND		210	50.9
107-13-1	Acrylonitrile	ND		520	50.9
75-09-2	Methylene chloride	ND		520	50.9
75-15-0	Carbon disulfide	ND		520	50.9
156-60-5	trans-1,2-Dichloroethylene	ND		100	50.9
1634-04-4	Methyltertbutylether (MTBE)	ND		520	50.9
75-34-3	1,1-Dichloroethane	ND		100	50.9
78-93-3	2-Butanone (MEK)	ND		520	50.9
156-59-2	cis-1,2-Dichloroethylene	ND		100	50.9
67-66-3	Chloroform	ND		100	50.9
74-97-5	Bromochloromethane	ND		210	50.9
71-55-6	1,1,1-Trichloroethane	ND		100	50.9
107-06-2	1,2-Dichloroethane	ND		100	50.9
71-43-2	Benzene	ND		100	50.9
56-23-5	Carbon tetrachloride	ND		100	50.9
78-87-5	1,2-Dichloropropane	ND		100	50.9
79-01-6	Trichloroethylene	ND		100	50.9
74-95-3	Dibromomethane	ND		210	50.9
75-27-4	Bromodichloromethane	ND		210	50.9
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		520	50.9
10061-01-5	cis-1,3-Dichloropropene	ND		100	50.9
10061-02-6	trans-1,3-Dichloropropene	ND		100	50.9
108-88-3	Toluene	240	J	100	50.9
79-00-5	1,1,2-Trichloroethane	ND		100	50.9
591-78-6	2-Hexanone	ND		520	50.9
124-48-1	Dibromochloromethane	ND		210	50.9
106-93-4	1,2-Dibromoethane	ND		100	50.9

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
127-18-4	Tetrachloroethene	ND		100	50.9
108-90-7	Chlorobenzene	ND		100	50.9
630-20-6	1,1,1,2-Tetrachloroethane	ND		210	50.9
100-41-4	Ethylbenzene	ND		100	50.9
108383,106423	m & p-Xylene	ND		210	50.9
75-25-2	Bromoform	ND		210	50.9
100-42-5	Styrene	ND		100	50.9
95-47-6	o-Xylene	ND		100	50.9
79-34-5	1,1,2,2-Tetrachloroethane	ND		210	50.9
96-18-4	1,2,3-Trichloropropane	ND		210	50.9
110-57-6	trans-1,4-Dichloro-2-butene	ND		210	50.9
98-82-8	Isopropylbenzene	ND		210	50.9
108-86-1	Bromobenzene	ND		210	50.9
103-65-1	n-Propylbenzene	ND		210	50.9
108-67-8	1,3,5-Trimethylbenzene	ND		210	50.9
98-06-6	tert-Butylbenzene	ND		520	50.9
95-63-6	1,2,4-Trimethylbenzene	210	J	210	50.9
135-98-8	sec-Butylbenzene	ND		520	50.9
541-73-1	1,3-Dichlorobenzene	ND		210	50.9
106-46-7	1,4-Dichlorobenzene	ND		210	50.9
99-87-6	p-Isopropyl toluene	ND		520	50.9
95-50-1	1,2-Dichlorobenzene	ND		210	50.9
104-51-8	n-Butylbenzene	ND		520	50.9
67-72-1	Hexachloroethane	ND		210	50.9
96-12-8	1,2-Dibromo-3-chloropropane	ND		520	50.9
120-82-1	1,2,4-Trichlorobenzene	ND		520	50.9
91-20-3	Naphthalene	ND		520	50.9
87-61-6	1,2,3-Trichlorobenzene	ND		520	50.9
91-57-6	2-Methylnaphthalene	520	J	520	50.9

UnID Peaks.
"J" code all results and reporting limits due to low surrogate recoveries.
"ST" code due to sample was preserved in the Lab.

ND = not detected at the specified reporting limit. NM = not measured.
Reference method is 8260.
USEPA Methods 8260 and 624 are used to quantitate volatile organic compounds that have boiling points below 200°C.
2-Methylnaphthalene and naphthalene are compounds with boiling points above 200°C and are better suited to quantitation by USEPA Methods 8270 or 625 as semivolatile organic compounds.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-24OS

Date Collected:	6/1/2000	Test Code:	SBNA
Date Extracted:	6/15/2000 by tm-1187	Test Name:	BNA - Sediment
Date Analyzed:	6/23/2000 by JRS	Sample ID:	MC18-150-210
Total Solids:	49%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		6700	10
108-95-2	Phenol	ND		6700	10
111-44-4	Bis(2-chloroethyl)ether	ND		2000	10
95-57-8	2-Chlorophenol	ND		6700	10
541-73-1	1,3-Dichlorobenzene	ND		2000	10
106-46-7	1,4-Dichlorobenzene	ND		2000	10
95-50-1	1,2-Dichlorobenzene	ND		2000	10
95-48-7	2-Methylphenol (o-cresol)	ND		6700	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		2000	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		13000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		4100	10
67-72-1	Hexachloroethane	ND		2000	10
98-95-3	Nitrobenzene	ND		4100	10
78-59-1	Isophorone	ND		2000	10
88-75-5	2-Nitrophenol	ND		6700	10
105-67-9	2,4-Dimethylphenol	ND		6700	10
111-91-1	Bis(2-chloroethoxy)methane	ND		4100	10
120-83-2	2,4-Dichlorophenol	ND		6700	10
120-82-1	1,2,4-Trichlorobenzene	ND		4100	10
91-20-3	Naphthalene	ND		2000	10
87-68-3	Hexachlorobutadiene	ND		4100	10
59-50-7	4-Chloro-3-methylphenol	ND		6700	10
91-57-6	2-Methylnaphthalene	ND		5100	10
77-47-4	Hexachlorocyclopentadiene	ND		41000	10
88-06-2	2,4,6-Trichlorophenol	ND		6700	10
95-95-4	2,4,5-Trichlorophenol	ND		6700	10
91-58-7	2-Chloronaphthalene	ND		4100	10
88-74-4	2-Nitroaniline	ND		35000	10
208-96-8	Acenaphthylene	ND		2000	10
131-11-3	Dimethyl phthalate	ND		4100	10
606-20-2	2,6-Dinitrotoluene	ND		6700	10
99-09-2	3-Nitroaniline	ND		35000	10
83-32-9	Acenaphthene	ND		2000	10
51-28-5	2,4-Dinitrophenol	ND		35000	10
132-64-9	Dibenzofuran	ND		6700	10
100-02-7	4-Nitrophenol	ND		35000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		6700	10
86-73-7	Fluorene	ND		2000	10
84-66-2	Diethyl phthalate	ND		2000	10
100-01-6	4-Nitroaniline	ND		35000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		35000	10
7005-72-3	4-Chlorophenyl phenylether	ND		2000	10
156-10-5	N-Nitrosodiphenylamine	ND		4100	10
103-33-3	Azobenzene	ND		4100	10
101-55-3	4-Bromophenyl phenylether	ND		4100	10
118-74-1	Hexachlorobenzene	ND		4100	10
87-86-5	Pentachlorophenol	ND		69000	10
85-01-8	Phenanthrene	1800	T	2000	10
120-12-7	Anthracene	1300	T	2000	10
86-74-8	Carbazole	ND		6700	10
84-74-2	Di-n-butyl phthalate	ND		2000	10
206-44-0	Fluoranthene	ND		2000	10
129-00-0	Pyrene	1500	T	2000	10
85-68-7	Butyl benzyl phthalate	ND		2000	10
56-55-3	Benz(a)anthracene	ND		2000	10
218-01-9	Chrysene	ND		2000	10
117-81-7	Bis(2-ethylhexyl)phthalate	5100		4100	10
117-84-0	Di-n-octyl phthalate	ND		4100	10
205-99-2	Benzo(b)fluoranthene	ND		4100	10
207-08-9	Benzo(k)fluoranthene	ND		4100	10
50-32-8	Benzo(a)pyrene	ND		4100	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		4100	10
53-70-3	Dibenz(a,h)anthracene	ND		4100	10
191-24-2	Benzo(g,h,i)perylene	ND		4100	10

The elevated reporting limits are due to matrix interferences.

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-24OS

Date Collected:	6/1/2000	Test Code:	SPCB
Date Extracted:	6/12/2000 by tm-1185	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	MC18-150-210
Total Solids:	49%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		200	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		200	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		200	1.0
53469-21-9	Aroclor 1242 (PCB)	3200		200	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		200	1.0
11097-69-1	Aroclor 1254 (PCB)	3200		200	1.0
11096-82-5	Aroclor 1260 (PCB)	820		200	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		200	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		200	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-25ME

Date Collected:	6/1/2000	Test Code:	SME
		Test Name:	MEOH-Sed
Date Analyzed:	6/6/2000 by KL	Sample ID:	MC18-210-B
Total Solids:	50%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
75-71-8	Dichlorodifluoromethane	ND		500	50.2
74-87-3	Chloromethane	ND		500	50.2
75-01-4	Vinyl chloride	ND		200	50.2
74-83-9	Bromomethane	ND		500	50.2
75-00-3	Chloroethane	ND		500	50.2
75-69-4	Trichlorofluoromethane	ND		500	50.2
67-64-1	Acetone	ND		1500	50.2
60-29-7	Diethyl ether	ND		500	50.2
75-35-4	1,1-Dichloroethylene	ND		100	50.2
74-88-4	Methyl iodide	ND		200	50.2
107-13-1	Acrylonitrile	ND		500	50.2
75-09-2	Methylene chloride	ND		500	50.2
75-15-0	Carbon disulfide	ND		500	50.2
156-60-5	trans-1,2-Dichloroethylene	ND		100	50.2
1634-04-4	Methyltertbutylether (MTBE)	ND		500	50.2
75-34-3	1,1-Dichloroethane	ND		100	50.2
78-93-3	2-Butanone (MEK)	ND		500	50.2
156-59-2	cis-1,2-Dichloroethylene	ND		100	50.2
67-66-3	Chloroform	ND		100	50.2
74-97-5	Bromochloromethane	ND		200	50.2
71-55-6	1,1,1-Trichloroethane	ND		100	50.2
107-06-2	1,2-Dichloroethane	ND		100	50.2
71-43-2	Benzene	ND		100	50.2
56-23-5	Carbon tetrachloride	ND		100	50.2
78-87-5	1,2-Dichloropropane	ND		100	50.2
79-01-6	Trichloroethylene	ND		100	50.2
74-95-3	Dibromomethane	ND		200	50.2
75-27-4	Bromodichloromethane	ND		200	50.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		500	50.2
10061-01-5	cis-1,3-Dichloropropene	ND		100	50.2
10061-02-6	trans-1,3-Dichloropropene	ND		100	50.2
108-88-3	Toluene	160	J	100	50.2
79-00-5	1,1,2-Trichloroethane	ND		100	50.2
591-78-6	2-Hexanone	ND		500	50.2
124-48-1	Dibromochloromethane	ND		200	50.2
106-93-4	1,2-Dibromoethane	ND		100	50.2

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
127-18-4	Tetrachloroethene	ND		100	50.2
108-90-7	Chlorobenzene	ND		100	50.2
630-20-6	1,1,1,2-Tetrachloroethane	ND		200	50.2
100-41-4	Ethylbenzene	ND		100	50.2
108383,106423	m & p-Xylene	ND		200	50.2
75-25-2	Bromoform	ND		200	50.2
100-42-5	Styrene	ND		100	50.2
95-47-6	o-Xylene	ND		100	50.2
79-34-5	1,1,2,2-Tetrachloroethane	ND		200	50.2
96-18-4	1,2,3-Trichloropropane	ND		200	50.2
110-57-6	trans-1,4-Dichloro-2-butene	ND		200	50.2
98-82-8	Isopropylbenzene	ND		200	50.2
108-86-1	Bromobenzene	ND		200	50.2
103-65-1	n-Propylbenzene	ND		200	50.2
108-67-8	1,3,5-Trimethylbenzene	ND		200	50.2
98-06-6	tert-Butylbenzene	ND		500	50.2
95-63-6	1,2,4-Trimethylbenzene	ND		200	50.2
135-98-8	sec-Butylbenzene	ND		500	50.2
541-73-1	1,3-Dichlorobenzene	ND		200	50.2
106-46-7	1,4-Dichlorobenzene	ND		200	50.2
99-87-6	p-Isopropyl toluene	ND		500	50.2
95-50-1	1,2-Dichlorobenzene	ND		200	50.2
104-51-8	n-Butylbenzene	ND		500	50.2
67-72-1	Hexachloroethane	ND		200	50.2
96-12-8	1,2-Dibromo-3-chloropropane	ND		500	50.2
120-82-1	1,2,4-Trichlorobenzene	ND		500	50.2
91-20-3	Naphthalene	ND		500	50.2
87-61-6	1,2,3-Trichlorobenzene	ND		500	50.2
91-57-6	2-Methylnaphthalene	ND		500	50.2

UnID Peaks.
"J" code all results and reporting limits due to low surrogate recoveries.
"ST" code due to sample was preserved in the Lab.

ND = not detected at the specified reporting limit. NM = not measured.
Reference method is 8260.
USEPA Methods 8260 and 624 are used to quantitate volatile organic compounds that have boiling points below 200°C.
2-Methylnaphthalene and naphthalene are compounds with boiling points above 200°C and are better suited to quantitation by USEPA Methods 8270 or 625 as semivolatile organic compounds.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-25OS

Date Collected:	6/1/2000	Test Code:	SBNA
Date Extracted:	6/15/2000 by tm-1187	Test Name:	BNA - Sediment
Date Analyzed:	6/23/2000 by JRS	Sample ID:	MC18-210-B
Total Solids:	50%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
62-75-9	N-Nitrosodimethylamine	ND		6600	10
108-95-2	Phenol	ND		6600	10
111-44-4	Bis(2-chloroethyl)ether	ND		2000	10
95-57-8	2-Chlorophenol	ND		6600	10
541-73-1	1,3-Dichlorobenzene	ND		2000	10
106-46-7	1,4-Dichlorobenzene	ND		2000	10
95-50-1	1,2-Dichlorobenzene	ND		2000	10
95-48-7	2-Methylphenol (o-cresol)	ND		6600	10
108-60-1	Bis(2-chloroisopropyl)ether	ND		2000	10
108394,106445	3/4-Methylphenol (m/p-cresol)	ND		13000	10
621-64-7	N-Nitrosodi-n-propylamine	ND		4000	10
67-72-1	Hexachloroethane	ND		2000	10
98-95-3	Nitrobenzene	ND		4000	10
78-59-1	Isophorone	ND		2000	10
88-75-5	2-Nitrophenol	ND		6600	10
105-67-9	2,4-Dimethylphenol	ND		6600	10
111-91-1	Bis(2-chloroethoxy)methane	ND		4000	10
120-83-2	2,4-Dichlorophenol	ND		6600	10
120-82-1	1,2,4-Trichlorobenzene	ND		4000	10
91-20-3	Naphthalene	ND		2000	10
87-68-3	Hexachlorobutadiene	ND		4000	10
59-50-7	4-Chloro-3-methylphenol	ND		6600	10
91-57-6	2-Methylnaphthalene	ND		5000	10
77-47-4	Hexachlorocyclopentadiene	ND		40000	10
88-06-2	2,4,6-Trichlorophenol	ND		6600	10
95-95-4	2,4,5-Trichlorophenol	ND		6600	10
91-58-7	2-Chloronaphthalene	ND		4000	10
88-74-4	2-Nitroaniline	ND		34000	10
208-96-8	Acenaphthylene	ND		2000	10
131-11-3	Dimethyl phthalate	ND		4000	10
606-20-2	2,6-Dinitrotoluene	ND		6600	10
99-09-2	3-Nitroaniline	ND		34000	10
83-32-9	Acenaphthene	ND		2000	10
51-28-5	2,4-Dinitrophenol	ND		34000	10
132-64-9	Dibenzofuran	ND		6600	10
100-02-7	4-Nitrophenol	ND		34000	10

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
121-14-2	2,4-Dinitrotoluene	ND		6600	10
86-73-7	Fluorene	ND		2000	10
84-66-2	Diethyl phthalate	ND		2000	10
100-01-6	4-Nitroaniline	ND		34000	10
534-52-1	2-Methyl-4,6-dinitrophenol	ND		34000	10
7005-72-3	4-Chlorophenyl phenylether	ND		2000	10
156-10-5	N-Nitrosodiphenylamine	ND		4000	10
103-33-3	Azobenzene	ND		4000	10
101-55-3	4-Bromophenyl phenylether	ND		4000	10
118-74-1	Hexachlorobenzene	ND		4000	10
87-86-5	Pentachlorophenol	ND		68000	10
85-01-8	Phenanthrene	ND		2000	10
120-12-7	Anthracene	ND		2000	10
86-74-8	Carbazole	ND		6600	10
84-74-2	Di-n-butyl phthalate	ND		2000	10
206-44-0	Fluoranthene	ND		2000	10
129-00-0	Pyrene	ND		2000	10
85-68-7	Butyl benzyl phthalate	ND		2000	10
56-55-3	Benz(a)anthracene	ND		2000	10
218-01-9	Chrysene	ND		2000	10
117-81-7	Bis(2-ethylhexyl)phthalate	ND		4000	10
117-84-0	Di-n-octyl phthalate	ND		4000	10
205-99-2	Benzo(b)fluoranthene	ND		4000	10
207-08-9	Benzo(k)fluoranthene	ND		4000	10
50-32-8	Benzo(a)pyrene	ND		4000	10
193-39-5	Indeno(1,2,3-cd)pyrene	ND		4000	10
53-70-3	Dibenz(a,h)anthracene	ND		4000	10
191-24-2	Benzo(g,h,i)perylene	ND		4000	10

The elevated reporting limits are due to matrix interferences.

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method is 8270.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 0006027-25OS

Date Collected:	6/1/2000	Test Code:	SPCB
Date Extracted:	6/12/2000 by tm-1185	Test Name:	PCB - Sediment
Date Analyzed:	6/13/2000 by TAITS	Sample ID:	MC18-210-B
Total Solids:	50%		

CAS #	COMPOUND	RESULTS ug/Kg (dry)	REMARK	REPORTING LIMIT	DILUTION FACTOR
12674-11-2	Aroclor 1016 (PCB)	ND		200	1.0
11104-28-2	Aroclor 1221 (PCB)	ND		200	1.0
11141-16-5	Aroclor 1232 (PCB)	ND		200	1.0
53469-21-9	Aroclor 1242 (PCB)	2200		200	1.0
12672-29-6	Aroclor 1248 (PCB)	ND		200	1.0
11097-69-1	Aroclor 1254 (PCB)	1900		200	1.0
11096-82-5	Aroclor 1260 (PCB)	860		200	1.0
37324-23-5	Aroclor 1262 (PCB)	ND		200	1.0
11100-14-4	Aroclor 1268 (PCB)	ND		200	1.0

ND = not detected at the specified reporting limit.
NM = not measured.
Reference method for pesticides is 8081.
Reference method for PCBs is 8082.

J code all due to multiple overlapping PCB patterns