

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 9811054-13ON

Date Collected: 11/6/1998

Test Code: PCB

Date Extracted: 11/12/1998 by SW-4137

Test Name: PCB in Water

Date Analyzed: 11/18/1998 by BRONSONJ

Sample ID: 111 SL

CAS #	COMPOUND	RESULTS ug/L	REMARK	REPORTING LIMIT	DILUTION FACTOR
53469-21-9	Aroclor 1242 (PCB)	ND		0.1	1
11097-69-1	Aroclor 1254 (PCB)	ND		0.1	1
11096-82-5	Aroclor 1260 (PCB)	ND		0.1	1
12674-11-2	Aroclor 1016 (PCB)	ND		0.1	1
11104-28-2	Aroclor 1221 (PCB)	ND		0.1	1
11141-16-5	Aroclor 1232 (PCB)	ND		0.1	1
12672-29-6	Aroclor 1248 (PCB)	ND		0.1	1
37324-23-5	Aroclor 1262 (PCB)	ND		0.1	1
11100-14-4	Aroclor 1268 (PCB)	ND		0.1	1

ND = not detected at the specified reporting limit.

NM = not measured.

Reference method is 8082/608.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 9811054-13POX

Date Collected: 11/6/1998

Test Code: WPS

Date Analyzed: 11/10/1998 by BUCHNER

Test Name: 8260 Plus - Water

Sample ID: 111 SL

CAS #	COMPOUND	RESULTS ug/L	REMARK	REPORTING LIMIT	DILUTION FACTOR
75-71-8	Dichlorodifluoromethane	ND		5	1
74-87-3	Chloromethane	ND		5	1
75-01-4	Vinyl chloride	7800	DL	500	100
74-83-9	Bromomethane	ND		5	1
75-00-3	Chloroethane	ND		5	1
75-69-4	Trichlorofluoromethane	ND		5	1
67-64-1	Acetone	ND		25	1
60-29-7	Diethyl ether	ND		10	1
75-35-4	1,1-Dichloroethylene	3.5		1	1
74-88-4	Methyl iodide	ND		1	1
107-13-1	Acrylonitrile	ND		5	1
75-09-2	Methylene chloride	ND		5	1
75-15-0	Carbon disulfide	ND		5	1
156-60-5	trans-1,2-Dichloroethylene	15		1	1
1634-04-4	Methyltertbutylether (MTBE)	ND		5	1
75-34-3	1,1-Dichloroethane	ND		1	1
78-93-3	2-Butanone (MEK)	ND		5	1
156-59-2	cis-1,2-Dichloroethylene	3300	DL	100	100
67-66-3	Chloroform	ND		1	1
74-97-5	Bromochloromethane	ND		1	1
71-55-6	1,1,1-Trichloroethane	ND		1	1
107-06-2	1,2-Dichloroethane	ND		1	1
71-43-2	Benzene	22		1	1
56-23-5	Carbon tetrachloride	ND		1	1
78-87-5	1,2-Dichloropropane	ND		1	1
79-01-6	Trichloroethylene	ND		1	1
74-95-3	Dibromomethane	ND		1	1
75-27-4	Bromodichloromethane	ND		1	1
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5	1
10061-01-5	cis-1,3-Dichloropropene	ND		1	1
10061-02-6	trans-1,3-Dichloropropene	ND		1	1
108-88-3	Toluene	550	DL	100	100
79-00-5	1,1,2-Trichloroethane	ND		1	1
591-78-6	2-Hexanone	ND		5	1
124-48-1	Dibromochloromethane	ND		1	1
106-93-4	1,2-Dibromoethane	ND		1	1

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/L	REMARK	REPORTING LIMIT	DILUTION FACTOR
127-18-4	Tetrachloroethene	ND		1	1
108-90-7	Chlorobenzene	300	DL	100	100
630-20-6	1,1,1,2-Tetrachloroethane	ND		1	1
100-41-4	Ethylbenzene	1800	DL	100	100
108383,106423	m & p-Xylene	3700	DL	200	100
75-25-2	Bromoform	ND		1	1
100-42-5	Styrene	ND		1	1
95-47-6	o-Xylene	1200	DL	100	100
79-34-5	1,1,2,2-Tetrachloroethane	ND		1	1
96-18-4	1,2,3-Trichloropropane	ND		1	1
110-57-6	trans-1,4-Dichloro-2-butene	ND		1	1
98-82-8	Isopropylbenzene	25		1	1
103-65-1	n-Propylbenzene	26		1	1
108-67-8	1,3,5-Trimethylbenzene	51		1	1
95-63-6	1,2,4-Trimethylbenzene	200		1	1
541-73-1	1,3-Dichlorobenzene	ND		1	1
106-46-7	1,4-Dichlorobenzene	6.5		1	1
95-50-1	1,2-Dichlorobenzene	68		1	1
67-72-1	Hexachloroethane	ND		1	1
96-12-8	1,2-Dibromo-3-chloropropane	ND		5	1
120-82-1	1,2,4-Trichlorobenzene	ND		5	1
91-20-3	Naphthalene	55		5	1
91-57-6	2-Methylnaphthalene	ND		5	1

ND = not detected at the specified reporting limit. NM = not measured.

Reference method is 8260/624.

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 #: 9811054-14ON

Date Collected: 11/6/1998	Test Code: PCB
Date Extracted: 11/12/1998 by SW-4137	Test Name: PCB in Water
Date Analyzed: 11/18/1998 by BRONSONJ	Sample ID: 111 WT

CAS #	COMPOUND	RESULTS ug/L	REMARK	REPORTING LIMIT	DILUTION FACTOR
53469-21-9	Aroclor 1242 (PCB)	ND		0.1	1
11097-69-1	Aroclor 1254 (PCB)	ND		0.1	1
11096-82-5	Aroclor 1260 (PCB)	ND		0.1	1
12674-11-2	Aroclor 1016 (PCB)	ND		0.1	1
11104-28-2	Aroclor 1221 (PCB)	ND		0.1	1
11141-16-5	Aroclor 1232 (PCB)	ND		0.1	1
12672-29-6	Aroclor 1248 (PCB)	ND		0.1	1
37324-23-5	Aroclor 1262 (PCB)	ND		0.1	1
11100-14-4	Aroclor 1268 (PCB)	ND		0.1	1

ND = not detected at the specified reporting limit.

NM = not measured.

Reference method is 8082/608.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 9811054-14POX

Date Collected: 11/6/1998

Test Code: WPS

Date Analyzed: 11/10/1998 by BUCHNER

Test Name: 8260 Plus - Water

Sample ID: 111 WT

CAS #	COMPOUND	RESULTS ug/L	REMARK	REPORTING LIMIT	DILUTION FACTOR
75-71-8	Dichlorodifluoromethane	ND		5	1
74-87-3	Chloromethane	ND		5	1
75-01-4	Vinyl chloride	ND		5	1
74-83-9	Bromomethane	ND		5	1
75-00-3	Chloroethane	ND		5	1
75-69-4	Trichlorofluoromethane	ND		5	1
67-64-1	Acetone	ND		25	1
60-29-7	Diethyl ether	ND		10	1
75-35-4	1,1-Dichloroethylene	ND		1	1
74-88-4	Methyl iodide	ND		1	1
107-13-1	Acrylonitrile	ND		5	1
75-09-2	Methylene chloride	ND		5	1
75-15-0	Carbon disulfide	ND		5	1
156-60-5	trans-1,2-Dichloroethylene	ND		1	1
1634-04-4	Methyltertbutylether (MTBE)	ND		5	1
75-34-3	1,1-Dichloroethane	ND		1	1
78-93-3	2-Butanone (MEK)	ND		5	1
156-59-2	cis-1,2-Dichloroethylene	1.1		1	1
67-66-3	Chloroform	ND		1	1
74-97-5	Bromochloromethane	ND		1	1
71-55-6	1,1,1-Trichloroethane	ND		1	1
107-06-2	1,2-Dichloroethane	ND		1	1
71-43-2	Benzene	16		1	1
56-23-5	Carbon tetrachloride	ND		1	1
78-87-5	1,2-Dichloropropane	ND		1	1
79-01-6	Trichloroethylene	ND		1	1
74-95-3	Dibromomethane	ND		1	1
75-27-4	Bromodichloromethane	ND		1	1
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5	1
10061-01-5	cis-1,3-Dichloropropene	ND		1	1
10061-02-6	trans-1,3-Dichloropropene	ND		1	1
108-88-3	Toluene	2.3		1	1
79-00-5	1,1,2-Trichloroethane	ND		1	1
591-78-6	2-Hexanone	ND		5	1
124-48-1	Dibromochloromethane	ND		1	1
106-93-4	1,2-Dibromoethane	ND		1	1

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/L	REMARK	REPORTING LIMIT	DILUTION FACTOR
127-18-4	Tetrachloroethene	ND		1	1
108-90-7	Chlorobenzene	3.7		1	1
630-20-6	1,1,1,2-Tetrachloroethane	ND		1	1
100-41-4	Ethylbenzene	20		1	1
108383,106423	m & p-Xylene	52		2	1
75-25-2	Bromoform	ND		1	1
100-42-5	Styrene	ND		1	1
95-47-6	o-Xylene	23		1	1
79-34-5	1,1,2,2-Tetrachloroethane	ND		1	1
96-18-4	1,2,3-Trichloropropane	ND		1	1
110-57-6	trans-1,4-Dichloro-2-butene	ND		1	1
98-82-8	Isopropylbenzene	3.3		1	1
103-65-1	n-Propylbenzene	4.8		1	1
108-67-8	1,3,5-Trimethylbenzene	9.6		1	1
95-63-6	1,2,4-Trimethylbenzene	26		1	1
541-73-1	1,3-Dichlorobenzene	ND		1	1
106-46-7	1,4-Dichlorobenzene	ND		1	1
95-50-1	1,2-Dichlorobenzene	ND		1	1
67-72-1	Hexachloroethane	ND		1	1
96-12-8	1,2-Dibromo-3-chloropropane	ND		5	1
120-82-1	1,2,4-Trichlorobenzene	ND		5	1
91-20-3	Naphthalene	6.8		5	1
91-57-6	2-Methylnaphthalene	ND		5	1

ND = not detected at the specified reporting limit. NM = not measured.

Reference method is 8260/624.

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 #: 9811054-150N

Date Collected: 11/5/1998	Test Code: PCB
Date Extracted: 11/12/1998 by SW-4137	Test Name: PCB in Water
Date Analyzed: 11/18/1998 by BRONSONJ	Sample ID: 110 WT

CAS #	COMPOUND	RESULTS ug/L	REMARK	REPORTING LIMIT	DILUTION FACTOR
53469-21-9	Aroclor 1242 (PCB)	ND		0.1	1
11097-69-1	Aroclor 1254 (PCB)	0.13		0.1	1
11096-82-5	Aroclor 1260 (PCB)	ND		0.1	1
12674-11-2	Aroclor 1016 (PCB)	ND		0.1	1
11104-28-2	Aroclor 1221 (PCB)	ND		0.1	1
11141-16-5	Aroclor 1232 (PCB)	ND		0.1	1
12672-29-6	Aroclor 1248 (PCB)	ND		0.1	1
37324-23-5	Aroclor 1262 (PCB)	ND		0.1	1
11100-14-4	Aroclor 1268 (PCB)	ND		0.1	1

ND = not detected at the specified reporting limit.

NM = not measured.

Reference method is 8082/608.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 9811054-15POX

Date Collected: 11/5/1998

Test Code: WPS

Test Name: 8260 Plus - Water

Date Analyzed: 11/10/1998 by BUCHNER

Sample ID: 110 WT

CAS #	COMPOUND	RESULTS ug/L	REMARK	REPORTING LIMIT	DILUTION FACTOR
75-71-8	Dichlorodifluoromethane	ND		5	1
74-87-3	Chloromethane	ND		5	1
75-01-4	Vinyl chloride	ND		5	1
74-83-9	Bromomethane	ND		5	1
75-00-3	Chloroethane	ND		5	1
75-69-4	Trichlorofluoromethane	ND		5	1
67-64-1	Acetone	ND		25	1
60-29-7	Diethyl ether	ND		10	1
75-35-4	1,1-Dichloroethylene	ND		1	1
74-88-4	Methyl iodide	ND		1	1
107-13-1	Acrylonitrile	ND		5	1
75-09-2	Methylene chloride	ND		5	1
75-15-0	Carbon disulfide	ND		5	1
156-60-5	trans-1,2-Dichloroethylene	ND		1	1
1634-04-4	Methyltertbutylether (MTBE)	ND		5	1
75-34-3	1,1-Dichloroethane	ND		1	1
78-93-3	2-Butanone (MEK)	ND		5	1
156-59-2	cis-1,2-Dichloroethylene	ND		1	1
67-66-3	Chloroform	ND		1	1
74-97-5	Bromochloromethane	ND		1	1
71-55-6	1,1,1-Trichloroethane	ND		1	1
107-06-2	1,2-Dichloroethane	ND		1	1
71-43-2	Benzene	1.7		1	1
56-23-5	Carbon tetrachloride	ND		1	1
78-87-5	1,2-Dichloropropane	ND		1	1
79-01-6	Trichloroethylene	ND		1	1
74-95-3	Dibromomethane	ND		1	1
75-27-4	Bromodichloromethane	ND		1	1
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5	1
10061-01-5	cis-1,3-Dichloropropene	ND		1	1
10061-02-6	trans-1,3-Dichloropropene	ND		1	1
108-88-3	Toluene	ND		1	1
79-00-5	1,1,2-Trichloroethane	ND		1	1
591-78-6	2-Hexanone	ND		5	1
124-48-1	Dibromochloromethane	ND		1	1
106-93-4	1,2-Dibromoethane	ND		1	1

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/L	REMARK	REPORTING LIMIT	DILUTION FACTOR
127-18-4	Tetrachloroethene	ND		1	1
108-90-7	Chlorobenzene	ND		1	1
630-20-6	1,1,1,2-Tetrachloroethane	ND		1	1
100-41-4	Ethylbenzene	ND		1	1
108383,106423	m & p-Xylene	ND		2	1
75-25-2	Bromoform	ND		1	1
100-42-5	Styrene	ND		1	1
95-47-6	o-Xylene	ND		1	1
79-34-5	1,1,2,2-Tetrachloroethane	ND		1	1
96-18-4	1,2,3-Trichloropropane	ND		1	1
110-57-6	trans-1,4-Dichloro-2-butene	ND		1	1
98-82-8	Isopropylbenzene	ND		1	1
103-65-1	n-Propylbenzene	ND		1	1
108-67-8	1,3,5-Trimethylbenzene	ND		1	1
95-63-6	1,2,4-Trimethylbenzene	ND		1	1
541-73-1	1,3-Dichlorobenzene	ND		1	1
106-46-7	1,4-Dichlorobenzene	ND		1	1
95-50-1	1,2-Dichlorobenzene	ND		1	1
67-72-1	Hexachloroethane	ND		1	1
96-12-8	1,2-Dibromo-3-chloropropane	ND		5	1
120-82-1	1,2,4-Trichlorobenzene	ND		5	1
91-20-3	Naphthalene	ND		5	1
91-57-6	2-Methylnaphthalene	ND		5	1

ND = not detected at the specified reporting limit. NM = not measured.

Reference method is 8260/624.

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 #: 9811054-16ON

Date Collected: 11/5/1998	Test Code: PCB
Date Extracted: 11/12/1998 by SW-4137	Test Name: PCB in Water
Date Analyzed: 11/18/1998 by BRONSONJ	Sample ID: 110 SL

CAS #	COMPOUND	RESULTS ug/L	REMARK	REPORTING LIMIT	DILUTION FACTOR
53469-21-9	Aroclor 1242 (PCB)	ND		0.1	1
11097-69-1	Aroclor 1254 (PCB)	0.38		0.1	1
11096-82-5	Aroclor 1260 (PCB)	ND		0.1	1
12674-11-2	Aroclor 1016 (PCB)	ND		0.1	1
11104-28-2	Aroclor 1221 (PCB)	ND		0.1	1
11141-16-5	Aroclor 1232 (PCB)	ND		0.1	1
12672-29-6	Aroclor 1248 (PCB)	ND		0.1	1
37324-23-5	Aroclor 1262 (PCB)	ND		0.1	1
11100-14-4	Aroclor 1268 (PCB)	ND		0.1	1

ND = not detected at the specified reporting limit.

NM = not measured.

Reference method is 8082/608.

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

Work Order #: 9811054-16POX

Date Collected: 11/5/1998

Test Code: WPS

Date Analyzed: 11/10/1998 by BUCHNER

Test Name: 8260 Plus - Water

Sample ID: 110 SL

CAS #	COMPOUND	RESULTS ug/L	REMARK	REPORTING LIMIT	DILUTION FACTOR
75-71-8	Dichlorodifluoromethane	ND		5	1
74-87-3	Chloromethane	ND		5	1
75-01-4	Vinyl chloride	1100	DL	500	100
74-83-9	Bromomethane	ND		5	1
75-00-3	Chloroethane	ND		5	1
75-69-4	Trichlorofluoromethane	ND		5	1
67-64-1	Acetone	ND		25	1
60-29-7	Diethyl ether	ND		10	1
75-35-4	1,1-Dichloroethylene	25		1	1
74-88-4	Methyl iodide	ND		1	1
107-13-1	Acrylonitrile	ND		5	1
75-09-2	Methylene chloride	ND		5	1
75-15-0	Carbon disulfide	ND		5	1
156-60-5	trans-1,2-Dichloroethylene	93		1	1
1634-04-4	Methyltertbutylether (MTBE)	ND		5	1
75-34-3	1,1-Dichloroethane	ND		1	1
78-93-3	2-Butanone (MEK)	ND		5	1
156-59-2	cis-1,2-Dichloroethylene	12000		100	100
67-66-3	Chloroform	ND		1	1
74-97-5	Bromochloromethane	ND		1	1
71-55-6	1,1,1-Trichloroethane	ND		1	1
107-06-2	1,2-Dichloroethane	ND		1	1
71-43-2	Benzene	ND		1	1
56-23-5	Carbon tetrachloride	ND		1	1
78-87-5	1,2-Dichloropropane	ND		1	1
79-01-6	Trichloroethylene	460	DL	100	100
74-95-3	Dibromomethane	ND		1	1
75-27-4	Bromodichloromethane	ND		1	1
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5	1
10061-01-5	cis-1,3-Dichloropropene	ND		1	1
10061-02-6	trans-1,3-Dichloropropene	ND		1	1
108-88-3	Toluene	1.2		1	1
79-00-5	1,1,2-Trichloroethane	ND		1	1
591-78-6	2-Hexanone	ND		5	1
124-48-1	Dibromochloromethane	ND		1	1
106-93-4	1,2-Dibromoethane	ND		1	1

MDEQ ENVIRONMENTAL LABORATORY
ANALYTICAL REPORT

CAS #	COMPOUND	RESULTS ug/L	REMARK	REPORTING LIMIT	DILUTION FACTOR
127-18-4	Tetrachloroethene	ND		1	1
108-90-7	Chlorobenzene	ND		1	1
630-20-6	1,1,1,2-Tetrachloroethane	ND		1	1
100-41-4	Ethylbenzene	ND		1	1
108383,106423	m & p-Xylene	ND		2	1
75-25-2	Bromoform	ND		1	1
100-42-5	Styrene	ND		1	1
95-47-6	o-Xylene	1.1		1	1
79-34-5	1,1,2,2-Tetrachloroethane	ND		1	1
96-18-4	1,2,3-Trichloropropane	ND		1	1
110-57-6	trans-1,4-Dichloro-2-butene	ND		1	1
98-82-8	Isopropylbenzene	ND		1	1
103-65-1	n-Propylbenzene	ND		1	1
108-67-8	1,3,5-Trimethylbenzene	ND		1	1
95-63-6	1,2,4-Trimethylbenzene	ND		1	1
541-73-1	1,3-Dichlorobenzene	ND		1	1
106-46-7	1,4-Dichlorobenzene	ND		1	1
95-50-1	1,2-Dichlorobenzene	ND		1	1
67-72-1	Hexachloroethane	ND		1	1
96-12-8	1,2-Dibromo-3-chloropropane	ND		5	1
120-82-1	1,2,4-Trichlorobenzene	ND		5	1
91-20-3	Naphthalene	ND		5	1
91-57-6	2-Methylnaphthalene	ND		5	1

ND = not detected at the specified reporting limit. NM = not measured.

Reference method is 8260/624.

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.