

ANALYTICAL REPORT

MDEQ		Submittal #:	36024-1
Project:	Tamarack City Stamp Mill	Sampled:	06/04/02 @ 10:45
	ERD-Superfund, Lansing	Sampler:	Spielberg
Submittal:	June 4, 2002 Soils	Received:	06/06/02 @ 10:00
		Extracted:	
Sample #:	307119	Analyzed:	06/13/02 by LEW
Sample ID:	SS-21	Ref. Citation:	USEPA-8260B
		Dilution Factor:	1
		Analytical Batch:	187112
Matrix:	Soil	QC Batch:	076008-113

CAS Number	MDEQ Plus List Volatiles USEPA Method 5035/8260	Analytical Result (mg/kg dry)	Quantitation Limit (mg/kg dry)
75-27-4	Dichlorobromomethane	<0.10	0.10
75-25-2	Bromoform	<0.10	0.10
74-83-9	Bromomethane	<0.25	0.25
75-15-0	Carbon Disulfide	<0.25	0.25
56-23-5	Carbon Tetrachloride	<0.050	0.050
108-90-7	Chlorobenzene	<0.050	0.050
75-00-3	Chloroethane	<0.25	0.25
67-66-3	Chloroform	<0.050	0.050
74-87-3	Chloromethane	<0.25	0.25
124-48-1	Chlorodibromomethane	<0.10	0.10
74-95-3	Dibromomethane	<0.10	0.10
75-71-8	Dichlorodifluoromethane	<0.25	0.25
60-29-7	Ethyl Ether	<0.25	0.25
100-41-4	Ethylbenzene	<0.050	0.050
67-72-1	Hexachloroethane	<0.10	0.10
98-82-8	Isopropylbenzene	<0.10	0.10
136777-61-2	Xylene, Meta & Para	<0.10	0.10
74-88-4	Iodomethane	<0.10	0.10
1634-04-4	Methyl(tert)butyl Ether	<0.25	0.25
75-09-2	Methylene Chloride	<0.25	0.25
91-20-3	Naphthalene	<0.25	0.25
104-51-8	n-Butylbenzene	<0.25	0.25
103-65-1	n-Propylbenzene	<0.10	0.10
95-47-6	o-Xylene	<0.050	0.050
99-87-6	4-Isopropyltoluene	<0.25	0.25
135-98-8	sec-Butylbenzene	<0.25	0.25
100-42-5	Styrene	<0.050	0.050
98-06-6	tert-Butylbenzene	<0.25	0.25
127-18-4	Tetrachloroethene	<0.050	0.050
109-99-9	Tetrahydrofuran	<1.0	1.0
108-88-3	Toluene	<0.050	0.050
79-01-6	Trichloroethene	<0.050	0.050
75-69-4	Trichlorofluoromethane	<0.25	0.25
75-01-4	Vinyl Chloride	<0.10	0.10

ANALYTICAL REPORT

MDEQ
Project: Tamarack City Stamp Mill
ERD-Superfund, Lansing
Submittal: June 4, 2002 Soils

Submittal #: 36024-1
Sampled: 06/04/02 @ 10:30
Sampler: Spielberg
Received: 06/06/02 @ 10:00

Sample #: 307120
Sample ID: SS-22

Matrix: Soil

Parameter	Analytical Quant.		Unit	Analysis Date	Chem	Reference Citation
	Result	Limit				
Percent Solids	95	0.1	%	06/07/02	GEH	SW-846 3550B

ANALYTICAL REPORT
MDEQ

Project: Tamarack City Stamp Mill
 ERD-Superfund, Lansing
 Submittal: June 4, 2002 Soils

Sample #: 307120
 Sample ID: SS-22

Matrix: Soil

Submittal #: 36024-1
 Sampled: 06/04/02 @ 10:30
 Sampler: Spielberg
 Received: 06/06/02 @ 10:00
 Extracted:
 Analyzed: 06/13/02 by LEW
 Ref. Citation: USEPA-8260B
 Dilution Factor: 1
 Analytical Batch: 187112
 QC Batch: 076008-113

CAS Number	MDEQ Plus List Volatiles USEPA Method 5035/8260	Analytical Result (mg/kg dry)	Quantitation Limit (mg/kg dry)
630-20-6	1,1,1,2-Tetrachloroethane	<0.10	0.10
71-55-6	1,1,1-Trichloroethane	<0.050	0.050
79-34-5	1,1,2,2-Tetrachloroethane	<0.10	0.10
79-00-5	1,1,2-Trichloroethane	<0.050	0.050
75-34-3	1,1-Dichloroethane	<0.050	0.050
75-35-4	1,1-Dichloroethylene	<0.050	0.050
87-61-6	1,2,3-Trichlorobenzene	<0.25	0.25
96-18-4	1,2,3-Trichloropropane	<0.10	0.10
120-82-1	1,2,4-Trichlorobenzene	<0.25	0.25
95-63-6	1,2,4-Trimethylbenzene	<0.10	0.10
96-12-8	1,2-Dibromo-3-chloropropane	<0.25	0.25
106-93-4	1,2-Dibromoethane	<0.050	0.050
95-50-1	1,2-Dichlorobenzene	<0.10	0.10
107-06-2	1,2-Dichloroethane	<0.050	0.050
156-59-2	cis-1,2-Dichloroethene	<0.050	0.050
156-60-5	trans-1,2-Dichloroethene	<0.050	0.050
78-87-5	1,2-Dichloropropane	<0.050	0.050
108-67-8	1,3,5-Trimethylbenzene	<0.10	0.10
541-73-1	1,3-Dichlorobenzene	<0.10	0.10
10061-01-5	cis-1,3-Dichloropropene	<0.050	0.050
10061-02-6	trans-1,3-Dichloropropene	<0.050	0.050
110-57-6	trans-1,4-Dichloro-2-butene	<0.050	0.050
106-46-7	1,4-Dichlorobenzene	<0.10	0.10
78-93-3	Methyl Ethyl Ketone	<0.25	0.25
591-78-6	2-Hexanone	<0.25	0.25
91-57-6	2-Methylnaphthalene	<0.25	0.25
67-64-1	Acetone	<0.75	0.75
108-10-1	4-Methyl-2-Pentanone	<0.25	0.25
107-13-1	Acrylonitrile	<0.25	0.25
71-43-2	Benzene	<0.050	0.050
108-86-1	Bromobenzene	<0.10	0.10
74-97-5	Bromochloromethane	<0.10	0.10

ANALYTICAL REPORT

MDEQ

Project: Tamarack City Stamp Mill
 ERD-Superfund, Lansing
 Submittal: June 4, 2002 Soils

Sample #: 307120
 Sample ID: SS-22

Matrix: Soil

Submittal #: 36024-1
 Sampled: 06/04/02 @ 10:30
 Sampler: Spielberg
 Received: 06/06/02 @ 10:00
 Extracted:
 Analyzed: 06/13/02 by LEW
 Ref. Citation: USEPA-8260B
 Dilution Factor: 1
 Analytical Batch: 187112
 QC Batch: 076008-113

CAS Number	MDEQ Plus List Volatiles USEPA Method 5035/8260	Analytical Result (mg/kg dry)	Quantitation Limit (mg/kg dry)
75-27-4	Dichlorobromomethane	<0.10	0.10
75-25-2	Bromoform	<0.10	0.10
74-83-9	Bromomethane	<0.25	0.25
75-15-0	Carbon Disulfide	<0.25	0.25
56-23-5	Carbon Tetrachloride	<0.050	0.050
108-90-7	Chlorobenzene	<0.050	0.050
75-00-3	Chloroethane	<0.25	0.25
67-66-3	Chloroform	<0.050	0.050
74-87-3	Chloromethane	<0.25	0.25
124-48-1	Chlorodibromomethane	<0.10	0.10
74-95-3	Dibromomethane	<0.10	0.10
75-71-8	Dichlorodifluoromethane	<0.25	0.25
60-29-7	Ethyl Ether	<0.25	0.25
100-41-4	Ethylbenzene	<0.050	0.050
67-72-1	Hexachloroethane	<0.10	0.10
98-82-8	Isopropylbenzene	<0.10	0.10
136777-61-2	Xylene, Meta & Para	<0.10	0.10
74-88-4	Iodomethane	<0.10	0.10
1634-04-4	Methyl(tert)butyl Ether	<0.25	0.25
75-09-2	Methylene Chloride	<0.25	0.25
91-20-3	Naphthalene	<0.25	0.25
104-51-8	n-Butylbenzene	<0.25	0.25
103-65-1	n-Propylbenzene	<0.10	0.10
95-47-6	o-Xylene	<0.050	0.050
99-87-6	4-Isopropyltoluene	<0.25	0.25
135-98-8	sec-Butylbenzene	<0.25	0.25
100-42-5	Styrene	<0.050	0.050
98-06-6	tert-Butylbenzene	<0.25	0.25
127-18-4	Tetrachloroethene	<0.050	0.050
109-99-9	Tetrahydrofuran	<1.0	1.0
108-88-3	Toluene	<0.050	0.050
79-01-6	Trichloroethene	<0.050	0.050
75-69-4	Trichlorofluoromethane	<0.25	0.25
75-01-4	Vinyl Chloride	<0.10	0.10

ANALYTICAL REPORT**MDEQ**

Project: Tamarack City Stamp Mill
ERD-Superfund, Lansing
Submittal: June 4, 2002 Soils

Submittal #: 36024-1
Sampled: 06/04/02 @ 14:55
Sampler: Spielberg
Received: 06/06/02 @ 10:00

Sample #: 307121
Sample ID: SS-23

Matrix: Soil

Parameter	Analytical Result	Quant. Limit	Unit	Analysis Date	Chem	Reference Citation
Percent Solids	90	0.1	%	06/07/02	GEH	SW-846 3550B

ANALYTICAL REPORT
MDEQ

Project: Tamarack City Stamp Mill
 ERD-Superfund, Lansing
 Submittal: June 4, 2002 Soils

Sample #: 307121
 Sample ID: SS-23

Matrix: Soil

Submittal #: 36024-1
 Sampled: 06/04/02 @ 14:55
 Sampler: Spielberg
 Received: 06/06/02 @ 10:00
 Extracted:
 Analyzed: 06/13/02 by LEW
 Ref. Citation: USEPA-8260B
 Dilution Factor: 1.14
 Analytical Batch: 187112
 QC Batch: 076008-113

CAS Number	MDEQ Plus List Volatiles USEPA Method 5035/8260	Analytical Result (mg/kg dry)	Quantitation Limit (mg/kg dry)
630-20-6	1,1,1,2-Tetrachloroethane	<0.11	0.11
71-55-6	1,1,1-Trichloroethane	<0.057	0.057
79-34-5	1,1,2,2-Tetrachloroethane	<0.11	0.11
79-00-5	1,1,2-Trichloroethane	<0.057	0.057
75-34-3	1,1-Dichloroethane	<0.057	0.057
75-35-4	1,1-Dichloroethylene	<0.057	0.057
87-61-6	1,2,3-Trichlorobenzene	<0.29	0.29
96-18-4	1,2,3-Trichloropropane	<0.11	0.11
120-82-1	1,2,4-Trichlorobenzene	<0.29	0.29
95-63-6	1,2,4-Trimethylbenzene	<0.11	0.11
96-12-8	1,2-Dibromo-3-chloropropane	<0.29	0.29
106-93-4	1,2-Dibromoethane	<0.057	0.057
95-50-1	1,2-Dichlorobenzene	<0.11	0.11
107-06-2	1,2-Dichloroethane	<0.057	0.057
156-59-2	cis-1,2-Dichloroethene	<0.057	0.057
156-60-5	trans-1,2-Dichloroethene	<0.057	0.057
78-87-5	1,2-Dichloropropane	<0.057	0.057
108-67-8	1,3,5-Trimethylbenzene	<0.11	0.11
541-73-1	1,3-Dichlorobenzene	<0.11	0.11
10061-01-5	cis-1,3-Dichloropropene	<0.057	0.057
10061-02-6	trans-1,3-Dichloropropene	<0.057	0.057
110-57-6	trans-1,4-Dichloro-2-butene	<0.057	0.057
106-46-7	1,4-Dichlorobenzene	<0.11	0.11
78-93-3	Methyl Ethyl Ketone	<0.29	0.29
591-78-6	2-Hexanone	<0.29	0.29
91-57-6	2-Methylnaphthalene	<0.29	0.29
67-64-1	Acetone	<0.86	0.86
108-10-1	4-Methyl-2-Pentanone	<0.29	0.29
107-13-1	Acrylonitrile	<0.29	0.29
71-43-2	Benzene	<0.057	0.057
108-86-1	Bromobenzene	<0.11	0.11
74-97-5	Bromochloromethane	<0.11	0.11

ANALYTICAL REPORT

IDEQ		Submittal #:	36024-1
Project:	Tamarack City Stamp Mill	Sampled:	06/04/02 @ 14:55
	ERD-Superfund, Lansing	Sampler:	Spielberg
Submittal:	June 4, 2002 Soils	Received:	06/06/02 @ 10:00
		Extracted:	
Sample #:	307121	Analyzed:	06/13/02 by LEW
Sample ID:	SS-23	Ref. Citation:	USEPA-8260B
		Dilution Factor:	1.14
		Analytical Batch:	187112
Matrix:	Soil	QC Batch:	076008-113

CAS Number	MDEQ Plus List Volatiles USEPA Method 5035/8260	Analytical Result (mg/kg dry)	Quantitation Limit (mg/kg dry)
75-27-4	Dichlorobromomethane	<0.11	0.11
75-25-2	Bromoform	<0.11	0.11
74-83-9	Bromomethane	<0.29	0.29
75-15-0	Carbon Disulfide	<0.29	0.29
56-23-5	Carbon Tetrachloride	<0.057	0.057
108-90-7	Chlorobenzene	<0.057	0.057
75-00-3	Chloroethane	<0.29	0.29
67-66-3	Chloroform	<0.057	0.057
74-87-3	Chloromethane	<0.29	0.29
124-48-1	Chlorodibromomethane	<0.11	0.11
74-95-3	Dibromomethane	<0.11	0.11
75-71-8	Dichlorodifluoromethane	<0.29	0.29
60-29-7	Ethyl Ether	<0.29	0.29
100-41-4	Ethylbenzene	<0.057	0.057
67-72-1	Hexachloroethane	<0.11	0.11
98-82-8	Isopropylbenzene	<0.11	0.11
136777-61-2	Xylene, Meta & Para	<0.11	0.11
74-88-4	Iodomethane	<0.11	0.11
1634-04-4	Methyl(tert)butyl Ether	<0.29	0.29
75-09-2	Methylene Chloride	<0.29	0.29
91-20-3	Naphthalene	<0.29	0.29
104-51-8	n-Butylbenzene	<0.29	0.29
103-65-1	n-Propylbenzene	<0.11	0.11
95-47-6	o-Xylene	<0.057	0.057
99-87-6	4-Isopropyltoluene	<0.29	0.29
135-98-8	sec-Butylbenzene	<0.29	0.29
100-42-5	Styrene	<0.057	0.057
98-06-6	tert-Butylbenzene	<0.29	0.29
127-18-4	Tetrachloroethene	<0.057	0.057
109-99-9	Tetrahydrofuran	<1.1	1.1
108-88-3	Toluene	<0.057	0.057
79-01-6	Trichloroethene	<0.057	0.057
75-69-4	Trichlorofluoromethane	<0.29	0.29
75-01-4	Vinyl Chloride	<0.11	0.11

ANALYTICAL REPORT**MDEQ**

Project: Tamarack City Stamp Mill
ERD-Superfund, Lansing
Submittal: June 4, 2002 Soils

Submittal #: 36024-1
Sampled: 06/04/02 @ 10:55
Sampler: Spielberg
Received: 06/06/02 @ 10:00

Sample #: 307122
Sample ID: SS-24

Matrix: Soil

Parameter	Analytical Result	Quant. Limit	Unit	Analysis Date	Reference Chem	Citation
Percent Solids	93	0.1	%	06/07/02	GEH	SW-846 3550B

ANALYTICAL REPORT

MDEQ
 Project: Tamarack City Stamp Mill
 ERD-Superfund, Lansing
 Submittal: June 4, 2002 Soils

 Sample #: 307122
 Sample ID: SS-24

 Matrix: Soil

Submittal #: 36024-1
 Sampled: 06/04/02 @ 10:55
 Sampler: Spielberg
 Received: 06/06/02 @ 10:00
 Extracted:
 Analyzed: 06/18/02 by DLVV
 Ref. Citation: USEPA-8260B
 Dilution Factor: 1.07
 Analytical Batch: 187313
 QC Batch: 075929-118

CAS Number	MDEQ Plus List Volatiles USEPA Method 5035/8260	Analytical Result (mg/kg dry)	Quantitation Limit (mg/kg dry)
630-20-6	1,1,1,2-Tetrachloroethane	<0.11	0.11
71-55-6	1,1,1-Trichloroethane	<0.054	0.054
79-34-5	1,1,2,2-Tetrachloroethane	<0.11	0.11
79-00-5	1,1,2-Trichloroethane	<0.054	0.054
75-34-3	1,1-Dichloroethane	<0.054	0.054
75-35-4	1,1-Dichloroethylene	<0.054	0.054
87-61-6	1,2,3-Trichlorobenzene	<0.27	0.27
96-18-4	1,2,3-Trichloropropane	<0.11	0.11
120-82-1	1,2,4-Trichlorobenzene	<0.27	0.27
95-63-6	1,2,4-Trimethylbenzene	0.18	0.11
96-12-8	1,2-Dibromo-3-chloropropane	<0.27	0.27
106-93-4	1,2-Dibromoethane	<0.054	0.054
95-50-1	1,2-Dichlorobenzene	<0.11	0.11
107-06-2	1,2-Dichloroethane	<0.054	0.054
156-59-2	cis-1,2-Dichloroethene	<0.054	0.054
156-60-5	trans-1,2-Dichloroethene	<0.054	0.054
78-87-5	1,2-Dichloropropane	<0.054	0.054
108-67-8	1,3,5-Trimethylbenzene	<0.11	0.11
541-73-1	1,3-Dichlorobenzene	<0.11	0.11
10061-01-5	cis-1,3-Dichloropropene	<0.054	0.054
10061-02-6	trans-1,3-Dichloropropene	<0.054	0.054
110-57-6	trans-1,4-Dichloro-2-butene	<0.054	0.054
106-46-7	1,4-Dichlorobenzene	<0.11	0.11
78-93-3	Methyl Ethyl Ketone	<0.27	0.27
591-78-6	2-Hexanone	<0.27	0.27
91-57-6	2-Methylnaphthalene	0.53	0.27
67-64-1	Acetone	<0.80	0.80
108-10-1	4-Methyl-2-Pentanone	<0.27	0.27
107-13-1	Acrylonitrile	<0.27	0.27
71-43-2	Benzene	<0.054	0.054
108-86-1	Bromobenzene	<0.11	0.11
74-97-5	Bromochloromethane	<0.11	0.11

ANALYTICAL REPORT

MDEQ		Submittal #:	36024-1
Project:	Tamarack City Stamp Mill	Sampled:	06/04/02 @ 10:55
	ERD-Superfund, Lansing	Sampler:	Spielberg
Submittal:	June 4, 2002 Soils	Received:	06/06/02 @ 10:00
		Extracted:	
Sample #:	307122	Analyzed:	06/18/02 by DLVV
Sample ID:	SS-24	Ref. Citation:	USEPA-8260B
		Dilution Factor:	1.07
		Analytical Batch:	187313
Matrix:	Soil	QC Batch:	075929-118

CAS Number	MDEQ Plus List Volatiles USEPA Method 5035/8260	Analytical Result (mg/kg dry)	Quantitation Limit (mg/kg dry)
75-27-4	Dichlorobromomethane	<0.11	0.11
75-25-2	Bromoform	<0.11	0.11
74-83-9	Bromomethane	<0.27	0.27
75-15-0	Carbon Disulfide	<0.27	0.27
56-23-5	Carbon Tetrachloride	<0.054	0.054
108-90-7	Chlorobenzene	<0.054	0.054
75-00-3	Chloroethane	<0.27	0.27
67-66-3	Chloroform	<0.054	0.054
74-87-3	Chloromethane	<0.27	0.27
124-48-1	Chlorodibromomethane	<0.11	0.11
74-95-3	Dibromomethane	<0.11	0.11
75-71-8	Dichlorodifluoromethane	<0.27	0.27
60-29-7	Ethyl Ether	<0.27	0.27
100-41-4	Ethylbenzene	<0.054	0.054
67-72-1	Hexachloroethane	<0.11	0.11
98-82-8	Isopropylbenzene	<0.11	0.11
136777-61-2	Xylene, Meta & Para	0.27	0.11
74-88-4	Iodomethane	<0.11	0.11
1634-04-4	Methyl(tert)butyl Ether	<0.27	0.27
75-09-2	Methylene Chloride	<0.27	0.27
91-20-3	Naphthalene	0.33	0.27
104-51-8	n-Butylbenzene	<0.27	0.27
103-65-1	n-Propylbenzene	<0.11	0.11
95-47-6	o-Xylene	0.21	0.054
99-87-6	4-Isopropyltoluene	<0.27	0.27
135-98-8	sec-Butylbenzene	<0.27	0.27
100-42-5	Styrene	<0.054	0.054
98-06-6	tert-Butylbenzene	<0.27	0.27
127-18-4	Tetrachloroethene	<0.054	0.054
109-99-9	Tetrahydrofuran	<1.1	1.1
108-88-3	Toluene	0.13	0.054
79-01-6	Trichloroethene	<0.054	0.054
75-69-4	Trichlorofluoromethane	<0.27	0.27
75-01-4	Vinyl Chloride	<0.11	0.11

ANALYTICAL REPORT

DEQ
Project: Tamarack City Stamp Mill
ERD-Superfund, Lansing
Submittal: June 4, 2002 Soils

Submittal #: 36024-1
Sampled: 06/04/02 @ 10:35
Sampler: Spielberg
Received: 06/06/02 @ 10:00

Sample #: 307123
Sample ID: SS-25

Matrix: Soil

Parameter	Analytical Quant.			Analysis		Reference	
	Result	Limit	Unit	Date	Chem	Citation	
Percent Solids	90	0.1	%	06/07/02	GEH	SW-846	3550B

ANALYTICAL REPORT

DEQ		Submittal #:	36024-1
Project:	Tamarack City Stamp Mill	Sampled:	06/04/02 @ 10:35
	ERD-Superfund, Lansing	Sampler:	Spielberg
Submittal:	June 4, 2002 Soils	Received:	06/06/02 @ 10:00
		Extracted:	
Sample #:	307123	Analyzed:	06/13/02 by LEW
Sample ID:	SS-25	Ref. Citation:	USEPA-8260B
		Dilution Factor:	1.07
		Analytical Batch:	187112
Matrix:	Soil	QC Batch:	076008-113

CAS Number	MDEQ Plus List Volatiles USEPA Method 5035/8260	Analytical Result (mg/kg dry)	Quantitation Limit (mg/kg dry)
630-20-6	1,1,1,2-Tetrachloroethane	<0.11	0.11
71-55-6	1,1,1-Trichloroethane	<0.054	0.054
79-34-5	1,1,2,2-Tetrachloroethane	<0.11	0.11
79-00-5	1,1,2-Trichloroethane	<0.054	0.054
75-34-3	1,1-Dichloroethane	<0.054	0.054
75-35-4	1,1-Dichloroethylene	<0.054	0.054
87-61-6	1,2,3-Trichlorobenzene	<0.27	0.27
96-18-4	1,2,3-Trichloropropane	<0.11	0.11
120-82-1	1,2,4-Trichlorobenzene	<0.27	0.27
95-63-6	1,2,4-Trimethylbenzene	<0.11	0.11
96-12-8	1,2-Dibromo-3-chloropropane	<0.27	0.27
106-93-4	1,2-Dibromoethane	<0.054	0.054
95-50-1	1,2-Dichlorobenzene	<0.11	0.11
107-06-2	1,2-Dichloroethane	<0.054	0.054
156-59-2	cis-1,2-Dichloroethene	<0.054	0.054
156-60-5	trans-1,2-Dichloroethene	<0.054	0.054
78-87-5	1,2-Dichloropropane	<0.054	0.054
108-67-8	1,3,5-Trimethylbenzene	<0.11	0.11
541-73-1	1,3-Dichlorobenzene	<0.11	0.11
10061-01-5	cis-1,3-Dichloropropene	<0.054	0.054
10061-02-6	trans-1,3-Dichloropropene	<0.054	0.054
110-57-6	trans-1,4-Dichloro-2-butene	<0.054	0.054
106-46-7	1,4-Dichlorobenzene	<0.11	0.11
78-93-3	Methyl Ethyl Ketone	<0.27	0.27
591-78-6	2-Hexanone	<0.27	0.27
91-57-6	2-Methylnaphthalene	<0.27	0.27
67-64-1	Acetone	<0.80	0.80
108-10-1	4-Methyl-2-Pentanone	<0.27	0.27
107-13-1	Acrylonitrile	<0.27	0.27
71-43-2	Benzene	<0.054	0.054
108-86-1	Bromobenzene	<0.11	0.11
74-97-5	Bromochloromethane	<0.11	0.11

ANALYTICAL REPORT

MDEQ

Project: Tamarack City Stamp Mill
 ERD-Superfund, Lansing
 Submittal: June 4, 2002 Soils

Sample #: 307123
 Sample ID: SS-25

Matrix: Soil

Submittal #: 36024-1
 Sampled: 06/04/02 @ 10:35
 Sampler: Spielberg
 Received: 06/06/02 @ 10:00
 Extracted:
 Analyzed: 06/13/02 by LEW
 Ref. Citation: USEPA-8260B
 Dilution Factor: 1.07
 Analytical Batch: 187112
 QC Batch: 076008-113

CAS Number	MDEQ Plus List Volatiles USEPA Method 5035/8260	Analytical Result (mg/kg dry)	Quantitation Limit (mg/kg dry)
75-27-4	Dichlorobromomethane	<0.11	0.11
75-25-2	Bromoform	<0.11	0.11
74-83-9	Bromomethane	<0.27	0.27
75-15-0	Carbon Disulfide	<0.27	0.27
56-23-5	Carbon Tetrachloride	<0.054	0.054
108-90-7	Chlorobenzene	<0.054	0.054
75-00-3	Chloroethane	<0.27	0.27
67-66-3	Chloroform	<0.054	0.054
74-87-3	Chloromethane	<0.27	0.27
124-48-1	Chlorodibromomethane	<0.11	0.11
74-95-3	Dibromomethane	<0.11	0.11
75-71-8	Dichlorodifluoromethane	<0.27	0.27
60-29-7	Ethyl Ether	<0.27	0.27
100-41-4	Ethylbenzene	<0.054	0.054
67-72-1	Hexachloroethane	<0.11	0.11
98-82-8	Isopropylbenzene	<0.11	0.11
136777-61-2	Xylene, Meta & Para	<0.11	0.11
74-88-4	Iodomethane	<0.11	0.11
1634-04-4	Methyl(tert)butyl Ether	<0.27	0.27
75-09-2	Methylene Chloride	<0.27	0.27
91-20-3	Naphthalene	<0.27	0.27
104-51-8	n-Butylbenzene	<0.27	0.27
103-65-1	n-Propylbenzene	<0.11	0.11
95-47-6	o-Xylene	<0.054	0.054
99-87-6	4-Isopropyltoluene	<0.27	0.27
135-98-8	sec-Butylbenzene	<0.27	0.27
100-42-5	Styrene	<0.054	0.054
98-06-6	tert-Butylbenzene	<0.27	0.27
127-18-4	Tetrachloroethene	<0.054	0.054
109-99-9	Tetrahydrofuran	<1.1	1.1
108-88-3	Toluene	<0.054	0.054
79-01-6	Trichloroethene	<0.054	0.054
75-69-4	Trichlorofluoromethane	<0.27	0.27
75-01-4	Vinyl Chloride	<0.11	0.11

ANALYTICAL REPORT

WDEQ
Project: Tamarack City Stamp Mill
ERD-Superfund, Lansing
Submittal: June 4, 2002 Soils

Submittal #: 36024-1
Sampled: 06/04/02 @ 10:05
Sampler: Spielberg
Received: 06/06/02 @ 10:00

Sample #: 307124
Sample ID: SB-1

Matrix: Soil

Parameter	Analytical Result	Quant. Limit	Unit	Analysis Date	Chem	Reference Citation
Percent Solids	89	0.1	%	06/07/02	GEH	SW-846 3550B

ANALYTICAL REPORT

MDEQ

Project: Tamarack City Stamp Mill
 ERD-Superfund, Lansing
 Submittal: June 4, 2002 Soils

Sample #: 307124
 Sample ID: SB-1

Matrix: Soil

Submittal #: 36024-1
 Sampled: 06/04/02 @ 10:05
 Sampler: Spielberg
 Received: 06/06/02 @ 10:00
 Extracted:
 Analyzed: 06/13/02 by LEW
 Ref. Citation: USEPA-8260B
 Dilution Factor: 1.01
 Analytical Batch: 187112
 QC Batch: 076008-113

CAS Number	MDEQ Plus List Volatiles USEPA Method 5035/8260	Analytical Result (mg/kg dry)	Quantitation Limit (mg/kg dry)
630-20-6	1,1,1,2-Tetrachloroethane	<0.10	0.10
71-55-6	1,1,1-Trichloroethane	<0.051	0.051
79-34-5	1,1,2,2-Tetrachloroethane	<0.10	0.10
79-00-5	1,1,2-Trichloroethane	<0.051	0.051
75-34-3	1,1-Dichloroethane	<0.051	0.051
75-35-4	1,1-Dichloroethylene	<0.051	0.051
87-61-6	1,2,3-Trichlorobenzene	<0.25	0.25
96-18-4	1,2,3-Trichloropropane	<0.10	0.10
120-82-1	1,2,4-Trichlorobenzene	<0.25	0.25
95-63-6	1,2,4-Trimethylbenzene	<0.10	0.10
96-12-8	1,2-Dibromo-3-chloropropane	<0.25	0.25
106-93-4	1,2-Dibromoethane	<0.051	0.051
95-50-1	1,2-Dichlorobenzene	<0.10	0.10
107-06-2	1,2-Dichloroethane	<0.051	0.051
156-59-2	cis-1,2-Dichloroethene	<0.051	0.051
156-60-5	trans-1,2-Dichloroethene	<0.051	0.051
78-87-5	1,2-Dichloropropane	<0.051	0.051
108-67-8	1,3,5-Trimethylbenzene	<0.10	0.10
541-73-1	1,3-Dichlorobenzene	<0.10	0.10
10061-01-5	cis-1,3-Dichloropropene	<0.051	0.051
10061-02-6	trans-1,3-Dichloropropene	<0.051	0.051
110-57-6	trans-1,4-Dichloro-2-butene	<0.051	0.051
106-46-7	1,4-Dichlorobenzene	<0.10	0.10
78-93-3	Methyl Ethyl Ketone	<0.25	0.25
591-78-6	2-Hexanone	<0.25	0.25
91-57-6	2-Methylnaphthalene	<0.25	0.25
67-64-1	Acetone	<0.76	0.76
108-10-1	4-Methyl-2-Pentanone	<0.25	0.25
107-13-1	Acrylonitrile	<0.25	0.25
71-43-2	Benzene	<0.051	0.051
108-86-1	Bromobenzene	<0.10	0.10
74-97-5	Bromochloromethane	<0.10	0.10

ANALYTICAL REPORT

MDEQ

Project: Tamarack City Stamp Mill
 ERD-Superfund, Lansing
 Submittal: June 4, 2002 Soils

Sample #: 307124
 Sample ID: SB-1

Matrix: Soil

Submittal #: 36024-1
 Sampled: 06/04/02 @ 10:05
 Sampler: Spielberg
 Received: 06/06/02 @ 10:00
 Extracted:
 Analyzed: 06/13/02 by LEW
 Ref. Citation: USEPA-8260B
 Dilution Factor: 1.01
 Analytical Batch: 187112
 QC Batch: 076008-113

CAS Number	MDEQ Plus List Volatiles USEPA Method 5035/8260	Analytical Result (mg/kg dry)	Quantitation Limit (mg/kg dry)
75-27-4	Dichlorobromomethane	<0.10	0.10
75-25-2	Bromoform	<0.10	0.10
74-83-9	Bromomethane	<0.25	0.25
75-15-0	Carbon Disulfide	<0.25	0.25
56-23-5	Carbon Tetrachloride	<0.051	0.051
108-90-7	Chlorobenzene	<0.051	0.051
75-00-3	Chloroethane	<0.25	0.25
67-66-3	Chloroform	<0.051	0.051
74-87-3	Chloromethane	<0.25	0.25
124-48-1	Chlorodibromomethane	<0.10	0.10
74-95-3	Dibromomethane	<0.10	0.10
75-71-8	Dichlorodifluoromethane	<0.25	0.25
60-29-7	Ethyl Ether	<0.25	0.25
100-41-4	Ethylbenzene	<0.051	0.051
67-72-1	Hexachloroethane	<0.10	0.10
98-82-8	Isopropylbenzene	<0.10	0.10
136777-61-2	Xylene, Meta & Para	<0.10	0.10
74-88-4	Iodomethane	<0.10	0.10
1634-04-4	Methyl(tert)butyl Ether	<0.25	0.25
75-09-2	Methylene Chloride	<0.25	0.25
91-20-3	Naphthalene	<0.25	0.25
104-51-8	n-Butylbenzene	<0.25	0.25
103-65-1	n-Propylbenzene	<0.10	0.10
95-47-6	o-Xylene	<0.051	0.051
99-87-6	4-Isopropyltoluene	<0.25	0.25
135-98-8	sec-Butylbenzene	<0.25	0.25
100-42-5	Styrene	<0.051	0.051
98-06-6	tert-Butylbenzene	<0.25	0.25
127-18-4	Tetrachloroethene	<0.051	0.051
109-99-9	Tetrahydrofuran	<1.0	1.0
108-88-3	Toluene	<0.051	0.051
79-01-6	Trichloroethene	<0.051	0.051
75-69-4	Trichlorofluoromethane	<0.25	0.25
75-01-4	Vinyl Chloride	<0.10	0.10

ANALYTICAL REPORT**MDEQ**

Project: Tamarack City Stamp Mill
ERD-Superfund, Lansing
Submittal: June 4, 2002 Soils

Submittal #: 36024-1
Sampled: 06/04/02 @ 18:10
Sampler: Spielberg
Received: 06/06/02 @ 10:00

Sample #: 307125
Sample ID: SB-2

Matrix: Soil

Parameter	Analytical Quant.		Unit	Analysis		Reference	
	Result	Limit		Date	Chem	Citation	
Percent Solids	80	0.1	%	06/07/02	GEH	SW-846	3550B

ANALYTICAL REPORT

MDEQ

Project: Tamarack City Stamp Mill
 ERD-Superfund, Lansing
 Submittal: June 4, 2002 Soils

Sample #: 307125
 Sample ID: SB-2

Matrix: Soil

Submittal #: 36024-1
 Sampled: 06/04/02 @ 18:10
 Sampler: Spielberg
 Received: 06/06/02 @ 10:00
 Extracted:
 Analyzed: 06/13/02 by LEW
 Ref. Citation: USEPA-8260B
 Dilution Factor: 1.16
 Analytical Batch: 187112
 QC Batch: 076008-113

CAS Number	MDEQ Plus List Volatiles USEPA Method 5035/8260	Analytical Result (mg/kg dry)	Quantitation Limit (mg/kg dry)
630-20-6	1,1,1,2-Tetrachloroethane	<0.12	0.12
71-55-6	1,1,1-Trichloroethane	<0.058	0.058
79-34-5	1,1,2,2-Tetrachloroethane	<0.12	0.12
79-00-5	1,1,2-Trichloroethane	<0.058	0.058
75-34-3	1,1-Dichloroethane	<0.058	0.058
75-35-4	1,1-Dichloroethylene	<0.058	0.058
87-61-6	1,2,3-Trichlorobenzene	<0.29	0.29
96-18-4	1,2,3-Trichloropropane	<0.12	0.12
120-82-1	1,2,4-Trichlorobenzene	<0.29	0.29
95-63-6	1,2,4-Trimethylbenzene	<0.12	0.12
96-12-8	1,2-Dibromo-3-chloropropane	<0.29	0.29
106-93-4	1,2-Dibromoethane	<0.058	0.058
95-50-1	1,2-Dichlorobenzene	<0.12	0.12
107-06-2	1,2-Dichloroethane	<0.058	0.058
156-59-2	cis-1,2-Dichloroethene	<0.058	0.058
156-60-5	trans-1,2-Dichloroethene	<0.058	0.058
78-87-5	1,2-Dichloropropane	<0.058	0.058
108-67-8	1,3,5-Trimethylbenzene	<0.12	0.12
541-73-1	1,3-Dichlorobenzene	<0.12	0.12
10061-01-5	cis-1,3-Dichloropropene	<0.058	0.058
10061-02-6	trans-1,3-Dichloropropene	<0.058	0.058
110-57-6	trans-1,4-Dichloro-2-butene	<0.058	0.058
106-46-7	1,4-Dichlorobenzene	<0.12	0.12
78-93-3	Methyl Ethyl Ketone	<0.29	0.29
591-78-6	2-Hexanone	<0.29	0.29
91-57-6	2-Methylnaphthalene	<0.29	0.29
67-64-1	Acetone	<0.87	0.87
108-10-1	4-Methyl-2-Pentanone	<0.29	0.29
107-13-1	Acrylonitrile	<0.29	0.29
71-43-2	Benzene	<0.058	0.058
108-86-1	Bromobenzene	<0.12	0.12
74-97-5	Bromochloromethane	<0.12	0.12

ANALYTICAL REPORT

MDEQ

Project: Tamarack City Stamp Mill
 ERD-Superfund, Lansing
 Submittal: June 4, 2002 Soils

Sample #: 307125
 Sample ID: SB-2

Matrix: Soil

Submittal #: 36024-1
 Sampled: 06/04/02 @ 18:10
 Sampler: Spielberg
 Received: 06/06/02 @ 10:00
 Extracted:
 Analyzed: 06/13/02 by LEW
 Ref. Citation: USEPA-8260B
 Dilution Factor: 1.16
 Analytical Batch: 187112
 QC Batch: 076008-113

CAS Number	MDEQ Plus List Volatiles USEPA Method 5035/8260	Analytical Result (mg/kg dry)	Quantitation Limit (mg/kg dry)
75-27-4	Dichlorobromomethane	<0.12	0.12
75-25-2	Bromoform	<0.12	0.12
74-83-9	Bromomethane	<0.29	0.29
75-15-0	Carbon Disulfide	<0.29	0.29
56-23-5	Carbon Tetrachloride	<0.058	0.058
108-90-7	Chlorobenzene	<0.058	0.058
75-00-3	Chloroethane	<0.29	0.29
67-66-3	Chloroform	<0.058	0.058
74-87-3	Chloromethane	<0.29	0.29
124-48-1	Chlorodibromomethane	<0.12	0.12
74-95-3	Dibromomethane	<0.12	0.12
75-71-8	Dichlorodifluoromethane	<0.29	0.29
60-29-7	Ethyl Ether	<0.29	0.29
100-41-4	Ethylbenzene	<0.058	0.058
67-72-1	Hexachloroethane	<0.12	0.12
98-82-8	Isopropylbenzene	<0.12	0.12
136777-61-2	Xylene, Meta & Para	<0.12	0.12
74-88-4	Iodomethane	<0.12	0.12
1634-04-4	Methyl(tert)butyl Ether	<0.29	0.29
75-09-2	Methylene Chloride	<0.29	0.29
91-20-3	Naphthalene	<0.29	0.29
104-51-8	n-Butylbenzene	<0.29	0.29
103-65-1	n-Propylbenzene	<0.12	0.12
95-47-6	o-Xylene	<0.058	0.058
99-87-6	4-Isopropyltoluene	<0.29	0.29
135-98-8	sec-Butylbenzene	<0.29	0.29
100-42-5	Styrene	<0.058	0.058
98-06-6	tert-Butylbenzene	<0.29	0.29
127-18-4	Tetrachloroethene	<0.058	0.058
109-99-9	Tetrahydrofuran	<1.2	1.2
108-88-3	Toluene	<0.058	0.058
79-01-6	Trichloroethene	<0.058	0.058
75-69-4	Trichlorofluoromethane	<0.29	0.29
75-01-4	Vinyl Chloride	<0.12	0.12

ANALYTICAL REPORT

MDEQ
Project: Tamarack City Stamp Mill
ERD-Superfund, Lansing
Submittal: June 4, 2002 Soils

Submittal #: 36024-1
Sampled: 06/04/02 @ 17:40
Sampler: Spielberg
Received: 06/06/02 @ 10:00

Sample #: 307126
Sample ID: SB-3

Matrix: Soil

Parameter	Analytical Quant.			Analysis Date	Chem	Reference Citation
	Result	Limit	Unit			
Percent Solids	96	0.1	%	06/07/02	GEH	SW-846 3550B

ANALYTICAL REPORT

MDEQ

Project: Tamarack City Stamp Mill
 ERD-Superfund, Lansing
 Submittal: June 4, 2002 Soils

Sample #: 307126
 Sample ID: SB-3

Matrix: Soil

Submittal #: 36024-1
 Sampled: 06/04/02 @ 17:40
 Sampler: Spielberg
 Received: 06/06/02 @ 10:00
 Extracted:
 Analyzed: 06/13/02 by LEW
 Ref. Citation: USEPA-8260B
 Dilution Factor: 1
 Analytical Batch: 187112
 QC Batch: 076008-113

CAS Number	MDEQ Plus List Volatiles USEPA Method 5035/8260	Analytical Result (mg/kg dry)	Quantitation Limit (mg/kg dry)
630-20-6	1,1,1,2-Tetrachloroethane	<0.10	0.10
71-55-6	1,1,1-Trichloroethane	<0.050	0.050
79-34-5	1,1,2,2-Tetrachloroethane	<0.10	0.10
79-00-5	1,1,2-Trichloroethane	<0.050	0.050
75-34-3	1,1-Dichloroethane	<0.050	0.050
75-35-4	1,1-Dichloroethylene	<0.050	0.050
87-61-6	1,2,3-Trichlorobenzene	<0.25	0.25
96-18-4	1,2,3-Trichloropropane	<0.10	0.10
120-82-1	1,2,4-Trichlorobenzene	<0.25	0.25
95-63-6	1,2,4-Trimethylbenzene	<0.10	0.10
96-12-8	1,2-Dibromo-3-chloropropane	<0.25	0.25
106-93-4	1,2-Dibromoethane	<0.050	0.050
95-50-1	1,2-Dichlorobenzene	<0.10	0.10
107-06-2	1,2-Dichloroethane	<0.050	0.050
156-59-2	cis-1,2-Dichloroethene	<0.050	0.050
156-60-5	trans-1,2-Dichloroethene	<0.050	0.050
78-87-5	1,2-Dichloropropane	<0.050	0.050
108-67-8	1,3,5-Trimethylbenzene	<0.10	0.10
541-73-1	1,3-Dichlorobenzene	<0.10	0.10
10061-01-5	cis-1,3-Dichloropropene	<0.050	0.050
10061-02-6	trans-1,3-Dichloropropene	<0.050	0.050
110-57-6	trans-1,4-Dichloro-2-butene	<0.050	0.050
106-46-7	1,4-Dichlorobenzene	<0.10	0.10
78-93-3	Methyl Ethyl Ketone	<0.25	0.25
591-78-6	2-Hexanone	<0.25	0.25
91-57-6	2-Methylnaphthalene	<0.25	0.25
67-64-1	Acetone	<0.75	0.75
108-10-1	4-Methyl-2-Pentanone	<0.25	0.25
107-13-1	Acrylonitrile	<0.25	0.25
71-43-2	Benzene	<0.050	0.050
108-86-1	Bromobenzene	<0.10	0.10
74-97-5	Bromochloromethane	<0.10	0.10

ANALYTICAL REPORT

MDEQ		Submittal #:	36024-1
Project:	Tamarack City Stamp Mill	Sampled:	06/04/02 @ 17:40
	ERD-Superfund, Lansing	Sampler:	Spielberg
Submittal:	June 4, 2002 Soils	Received:	06/06/02 @ 10:00
		Extracted:	
Sample #:	307126	Analyzed:	06/13/02 by LEW
Sample ID:	SB-3	Ref. Citation:	USEPA-8260B
		Dilution Factor:	1
		Analytical Batch:	187112
Matrix:	Soil	QC Batch:	076008-113

CAS Number	MDEQ Plus List Volatiles USEPA Method 5035/8260	Analytical Result (mg/kg dry)	Quantitation Limit (mg/kg dry)
75-27-4	Dichlorobromomethane	<0.10	0.10
75-25-2	Bromoform	<0.10	0.10
74-83-9	Bromomethane	<0.25	0.25
75-15-0	Carbon Disulfide	<0.25	0.25
56-23-5	Carbon Tetrachloride	<0.050	0.050
108-90-7	Chlorobenzene	<0.050	0.050
75-00-3	Chloroethane	<0.25	0.25
67-66-3	Chloroform	<0.050	0.050
74-87-3	Chloromethane	<0.25	0.25
124-48-1	Chlorodibromomethane	<0.10	0.10
74-95-3	Dibromomethane	<0.10	0.10
75-71-8	Dichlorodifluoromethane	<0.25	0.25
60-29-7	Ethyl Ether	<0.25	0.25
100-41-4	Ethylbenzene	<0.050	0.050
67-72-1	Hexachloroethane	<0.10	0.10
98-82-8	Isopropylbenzene	<0.10	0.10
136777-61-2	Xylene, Meta & Para	<0.10	0.10
74-88-4	Iodomethane	<0.10	0.10
1634-04-4	Methyl(tert)butyl Ether	<0.25	0.25
75-09-2	Methylene Chloride	<0.25	0.25
91-20-3	Naphthalene	<0.25	0.25
104-51-8	n-Butylbenzene	<0.25	0.25
103-65-1	n-Propylbenzene	<0.10	0.10
95-47-6	o-Xylene	<0.050	0.050
99-87-6	4-Isopropyltoluene	<0.25	0.25
135-98-8	sec-Butylbenzene	<0.25	0.25
100-42-5	Styrene	<0.050	0.050
98-06-6	tert-Butylbenzene	<0.25	0.25
127-18-4	Tetrachloroethene	<0.050	0.050
109-99-9	Tetrahydrofuran	<1.0	1.0
108-88-3	Toluene	<0.050	0.050
79-01-6	Trichloroethene	<0.050	0.050
75-69-4	Trichlorofluoromethane	<0.25	0.25
75-01-4	Vinyl Chloride	<0.10	0.10

ANALYTICAL REPORT

DEQ Submittal #: **36024-1**
Project: Tamarack City Stamp Mill Sampled: 06/04/02 @ 17:15
ERD-Superfund, Lansing Sampler: Spielberg
Submittal: June 4, 2002 Soils Received: 06/06/02 @ 10:00

Sample #: **307127**
Sample ID: **SB-4**

Matrix: Soil

Parameter	Analytical Result	Quant. Limit	Unit	Analysis Date	Reference Chem	Citation
Percent Solids	76	0.1	%	06/07/02	GEH	SW-846 3550B

ANALYTICAL REPORT

MDEQ
 Project: Tamarack City Stamp Mill
 ERD-Superfund, Lansing
 Submittal: June 4, 2002 Soils

 Sample #: 307127
 Sample ID: SB-4

 Matrix: Soil

Submittal #: 36024-1
 Sampled: 06/04/02 @ 17:15
 Sampler: Spielberg
 Received: 06/06/02 @ 10:00
 Extracted:
 Analyzed: 06/13/02 by LEW
 Ref. Citation: USEPA-8260B
 Dilution Factor: 1.29
 Analytical Batch: 187112
 QC Batch: 076008-113

CAS Number	MDEQ Plus List Volatiles USEPA Method 5035/8260	Analytical Result (mg/kg dry)	Quantitation Limit (mg/kg dry)
630-20-6	1,1,1,2-Tetrachloroethane	<0.13	0.13
71-55-6	1,1,1-Trichloroethane	<0.065	0.065
79-34-5	1,1,2,2-Tetrachloroethane	<0.13	0.13
79-00-5	1,1,2-Trichloroethane	<0.065	0.065
75-34-3	1,1-Dichloroethane	<0.065	0.065
75-35-4	1,1-Dichloroethylene	<0.065	0.065
87-61-6	1,2,3-Trichlorobenzene	<0.32	0.32
96-18-4	1,2,3-Trichloropropane	<0.13	0.13
120-82-1	1,2,4-Trichlorobenzene	<0.32	0.32
95-63-6	1,2,4-Trimethylbenzene	<0.13	0.13
96-12-8	1,2-Dibromo-3-chloropropane	<0.32	0.32
106-93-4	1,2-Dibromoethane	<0.065	0.065
95-50-1	1,2-Dichlorobenzene	<0.13	0.13
107-06-2	1,2-Dichloroethane	<0.065	0.065
156-59-2	cis-1,2-Dichloroethene	<0.065	0.065
156-60-5	trans-1,2-Dichloroethene	<0.065	0.065
78-87-5	1,2-Dichloropropane	<0.065	0.065
108-67-8	1,3,5-Trimethylbenzene	<0.13	0.13
541-73-1	1,3-Dichlorobenzene	<0.13	0.13
10061-01-5	cis-1,3-Dichloropropene	<0.065	0.065
10061-02-6	trans-1,3-Dichloropropene	<0.065	0.065
110-57-6	trans-1,4-Dichloro-2-butene	<0.065	0.065
106-46-7	1,4-Dichlorobenzene	<0.13	0.13
78-93-3	Methyl Ethyl Ketone	<0.32	0.32
591-78-6	2-Hexanone	<0.32	0.32
91-57-6	2-Methylnaphthalene	<0.32	0.32
67-64-1	Acetone	<0.97	0.97
108-10-1	4-Methyl-2-Pentanone	<0.32	0.32
107-13-1	Acrylonitrile	<0.32	0.32
71-43-2	Benzene	<0.065	0.065
108-86-1	Bromobenzene	<0.13	0.13
74-97-5	Bromochloromethane	<0.13	0.13

ANALYTICAL REPORT

MDEQ

Project: Tamarack City Stamp Mill
 ERD-Superfund, Lansing
 Submittal: June 4, 2002 Soils

Sample #: 307127
 Sample ID: SB-4

Matrix: Soil

Submittal #: 36024-1
 Sampled: 06/04/02 @ 17:15
 Sampler: Spielberg
 Received: 06/06/02 @ 10:00
 Extracted:
 Analyzed: 06/13/02 by LEW
 Ref. Citation: USEPA-8260B
 Dilution Factor: 1.29
 Analytical Batch: 187112
 QC Batch: 076008-113

CAS Number	MDEQ Plus List Volatiles USEPA Method 5035/8260	Analytical Result (mg/kg dry)	Quantitation Limit (mg/kg dry)
75-27-4	Dichlorobromomethane	<0.13	0.13
75-25-2	Bromoform	<0.13	0.13
74-83-9	Bromomethane	<0.32	0.32
75-15-0	Carbon Disulfide	<0.32	0.32
56-23-5	Carbon Tetrachloride	<0.065	0.065
108-90-7	Chlorobenzene	<0.065	0.065
75-00-3	Chloroethane	<0.32	0.32
67-66-3	Chloroform	<0.065	0.065
74-87-3	Chloromethane	<0.32	0.32
124-48-1	Chlorodibromomethane	<0.13	0.13
74-95-3	Dibromomethane	<0.13	0.13
75-71-8	Dichlorodifluoromethane	<0.32	0.32
60-29-7	Ethyl Ether	<0.32	0.32
100-41-4	Ethylbenzene	<0.065	0.065
67-72-1	Hexachloroethane	<0.13	0.13
98-82-8	Isopropylbenzene	<0.13	0.13
136777-61-2	Xylene, Meta & Para	<0.13	0.13
74-88-4	Iodomethane	<0.13	0.13
1634-04-4	Methyl(tert)butyl Ether	<0.32	0.32
75-09-2	Methylene Chloride	<0.32	0.32
91-20-3	Naphthalene	<0.32	0.32
104-51-8	n-Butylbenzene	<0.32	0.32
103-65-1	n-Propylbenzene	<0.13	0.13
95-47-6	o-Xylene	<0.065	0.065
99-87-6	4-Isopropyltoluene	<0.32	0.32
135-98-8	sec-Butylbenzene	<0.32	0.32
100-42-5	Styrene	<0.065	0.065
98-06-6	tert-Butylbenzene	<0.32	0.32
127-18-4	Tetrachloroethene	<0.065	0.065
109-99-9	Tetrahydrofuran	<1.3	1.3
108-88-3	Toluene	<0.065	0.065
79-01-6	Trichloroethene	<0.065	0.065
75-69-4	Trichlorofluoromethane	<0.32	0.32
75-01-4	Vinyl Chloride	<0.13	0.13

ANALYTICAL REPORT

IDEQ
Project: Tamarack City Stamp Mill
ERD-Superfund, Lansing
Submittal: June 4, 2002 Soils

Submittal #: **36024-1**
Sampled: 06/04/02 @ 16:55
Sampler: Spielberg
Received: 06/06/02 @ 10:00

Sample #: **307128**
Sample ID: **SB-5**

Matrix: Soil

Parameter	Analytical Result	Quant. Limit	Unit	Analysis Date	Reference Chem	Citation
Percent Solids	67	0.1	%	06/07/02	GEH	SW-846 3550B

ANALYTICAL REPORT

IDEQ		Submittal #:	36024-1
Project:	Tamarack City Stamp Mill	Sampled:	06/04/02 @ 16:55
	ERD-Superfund, Lansing	Sampler:	Spielberg
Submittal:	June 4, 2002 Soils	Received:	06/06/02 @ 10:00
		Extracted:	
Sample #:	307128	Analyzed:	06/14/02 by LEW
Sample ID:	SB-5	Ref. Citation:	USEPA-8260B
		Dilution Factor:	1.6
		Analytical Batch:	187112
Matrix:	Soil	QC Batch:	076008-113

CAS Number	MDEQ Plus List Volatiles * USEPA Method 5035/8260	Analytical Result (mg/kg dry)	Quantitation Limit (mg/kg dry)
630-20-6	1,1,1,2-Tetrachloroethane	<0.16	0.16
71-55-6	1,1,1-Trichloroethane	<0.080	0.080
79-34-5	1,1,2,2-Tetrachloroethane	<0.16	0.16
79-00-5	1,1,2-Trichloroethane	<0.080	0.080
75-34-3	1,1-Dichloroethane	<0.080	0.080
75-35-4	1,1-Dichloroethylene	<0.080	0.080
87-61-6	1,2,3-Trichlorobenzene	<0.40	0.40
96-18-4	1,2,3-Trichloropropane	<0.16	0.16
120-82-1	1,2,4-Trichlorobenzene	<0.40	0.40
95-63-6	1,2,4-Trimethylbenzene	<0.16	0.16
96-12-8	1,2-Dibromo-3-chloropropane	<0.40	0.40
106-93-4	1,2-Dibromoethane	<0.080	0.080
95-50-1	1,2-Dichlorobenzene	<0.16	0.16
107-06-2	1,2-Dichloroethane	<0.080	0.080
156-59-2	cis-1,2-Dichloroethene	<0.080	0.080
156-60-5	trans-1,2-Dichloroethene	<0.080	0.080
78-87-5	1,2-Dichloropropane	<0.080	0.080
108-67-8	1,3,5-Trimethylbenzene	<0.16	0.16
541-73-1	1,3-Dichlorobenzene	<0.16	0.16
10061-01-5	cis-1,3-Dichloropropene	<0.080	0.080
10061-02-6	trans-1,3-Dichloropropene	<0.080	0.080
110-57-6	trans-1,4-Dichloro-2-butene	<0.080	0.080
106-46-7	1,4-Dichlorobenzene	<0.16	0.16
78-93-3	Methyl Ethyl Ketone	<0.40	0.40
591-78-6	2-Hexanone	<0.40	0.40
91-57-6	2-Methylnaphthalene	<0.40	0.40
67-64-1	Acetone	<1.2	1.2
108-10-1	4-Methyl-2-Pentanone	<0.40	0.40
107-13-1	Acrylonitrile	<0.40	0.40
71-43-2	Benzene	<0.080	0.080
108-86-1	Bromobenzene	<0.16	0.16
74-97-5	Bromochloromethane	<0.16	0.16

* See attached Statement of Data Qualifications.

ANALYTICAL REPORT

IDEQ		Submittal #:	36024-1
Project:	Tamarack City Stamp Mill	Sampled:	06/04/02 @ 16:55
	ERD-Superfund, Lansing	Sampler:	Spielberg
Submittal:	June 4, 2002 Soils	Received:	06/06/02 @ 10:00
		Extracted:	
Sample #:	307128	Analyzed:	06/14/02 by LEW
Sample ID:	SB-5	Ref. Citation:	USEPA-8260B
		Dilution Factor:	1.6
		Analytical Batch:	187112
Matrix:	Soil	QC Batch:	076008-113

CAS Number	MDEQ Plus List Volatiles USEPA Method 5035/8260	Analytical Result (mg/kg dry)	Quantitation Limit (mg/kg dry)
75-27-4	Dichlorobromomethane	<0.16	0.16
75-25-2	Bromoform	<0.16	0.16
74-83-9	Bromomethane	<0.40	0.40
75-15-0	Carbon Disulfide	<0.40	0.40
56-23-5	Carbon Tetrachloride	<0.080	0.080
108-90-7	Chlorobenzene	<0.080	0.080
75-00-3	Chloroethane	<0.40	0.40
67-66-3	Chloroform	<0.080	0.080
74-87-3	Chloromethane	<0.40	0.40
124-48-1	Chlorodibromomethane	<0.16	0.16
74-95-3	Dibromomethane	<0.16	0.16
75-71-8	Dichlorodifluoromethane	<0.40	0.40
60-29-7	Ethyl Ether	<0.40	0.40
100-41-4	Ethylbenzene	<0.080	0.080
67-72-1	Hexachloroethane	<0.16	0.16
98-82-8	Isopropylbenzene	<0.16	0.16
136777-61-2	Xylene, Meta & Para	<0.16	0.16
74-88-4	Iodomethane	<0.16	0.16
1634-04-4	Methyl(tert)butyl Ether	<0.40	0.40
75-09-2	Methylene Chloride	<0.40	0.40
91-20-3	Naphthalene	<0.40	0.40
104-51-8	n-Butylbenzene	<0.40	0.40
103-65-1	n-Propylbenzene	<0.16	0.16
95-47-6	o-Xylene	<0.080	0.080
99-87-6	4-Isopropyltoluene	<0.40	0.40
135-98-8	sec-Butylbenzene	<0.40	0.40
100-42-5	Styrene	<0.080	0.080
98-06-6	tert-Butylbenzene	<0.40	0.40
127-18-4	Tetrachloroethene	<0.080	0.080
109-99-9	Tetrahydrofuran	<1.6	1.6
108-88-3	Toluene	<0.080	0.080
79-01-6	Trichloroethene	<0.080	0.080
75-69-4	Trichlorofluoromethane	<0.40	0.40
75-01-4	Vinyl Chloride	<0.16	0.16

ANALYTICAL REPORT

IDEQ Submittal #: 36024-1
Project: Tamarack City Stamp Mill Sampled: 06/04/02 @ 14:20
ERD-Superfund, Lansing Sampler: Spielberg
Submittal: June 4, 2002 Soils Received: 06/06/02 @ 10:00

Sample #: 307129
Sample ID: SB-6

Matrix: Soil

Parameter	Analytical Result	Quant. Limit	Unit	Analysis Date	Reference Chem	Citation
Percent Solids	55	0.1	%	06/07/02	GEH	SW-846 3550B

ANALYTICAL REPORT

DEQ
 Project: Tamarack City Stamp Mill
 ERD-Superfund, Lansing
 Submittal: June 4, 2002 Soils

 Sample #: 307129
 Sample ID: SB-6

 Matrix: Soil

Submittal #: 36024-1
 Sampled: 06/04/02 @ 14:20
 Sampler: Spielberg
 Received: 06/06/02 @ 10:00
 Extracted:
 Analyzed: 06/14/02 by LEW
 Ref. Citation: USEPA-8260B
 Dilution Factor: 1.93
 Analytical Batch: 187312
 QC Batch: 076008-114

CAS Number	MDEQ Plus List Volatiles USEPA Method 5035/8260	Analytical Result (mg/kg dry)	Quantitation Limit (mg/kg dry)
630-20-6	1,1,1,2-Tetrachloroethane	<0.19	0.19
71-55-6	1,1,1-Trichloroethane	<0.097	0.097
79-34-5	1,1,2,2-Tetrachloroethane	<0.19	0.19
79-00-5	1,1,2-Trichloroethane	<0.097	0.097
75-34-3	1,1-Dichloroethane	<0.097	0.097
75-35-4	1,1-Dichloroethylene	<0.097	0.097
87-61-6	1,2,3-Trichlorobenzene	<0.48	0.48
96-18-4	1,2,3-Trichloropropane	<0.19	0.19
120-82-1	1,2,4-Trichlorobenzene	<0.48	0.48
95-63-6	1,2,4-Trimethylbenzene	<0.19	0.19
96-12-8	1,2-Dibromo-3-chloropropane	<0.48	0.48
106-93-4	1,2-Dibromoethane	<0.097	0.097
95-50-1	1,2-Dichlorobenzene	<0.19	0.19
107-06-2	1,2-Dichloroethane	<0.097	0.097
156-59-2	cis-1,2-Dichloroethene	<0.097	0.097
156-60-5	trans-1,2-Dichloroethene	<0.097	0.097
78-87-5	1,2-Dichloropropane	<0.097	0.097
108-67-8	1,3,5-Trimethylbenzene	<0.19	0.19
541-73-1	1,3-Dichlorobenzene	<0.19	0.19
10061-01-5	cis-1,3-Dichloropropene	<0.097	0.097
10061-02-6	trans-1,3-Dichloropropene	<0.097	0.097
110-57-6	trans-1,4-Dichloro-2-butene	<0.097	0.097
106-46-7	1,4-Dichlorobenzene	<0.19	0.19
78-93-3	Methyl Ethyl Ketone	<0.48	0.48
591-78-6	2-Hexanone	<0.48	0.48
91-57-6	2-Methylnaphthalene	<0.48	0.48
67-64-1	Acetone	<1.4	1.4
108-10-1	4-Methyl-2-Pentanone	<0.48	0.48
107-13-1	Acrylonitrile	<0.48	0.48
71-43-2	Benzene	<0.097	0.097
108-86-1	Bromobenzene	<0.19	0.19
74-97-5	Bromochloromethane	<0.19	0.19

ANALYTICAL REPORT

MDEQ

Project: Tamarack City Stamp Mill
 ERD-Superfund, Lansing
 Submittal: June 4, 2002 Soils

Sample #: 307129
 Sample ID: SB-6

Matrix: Soil

Submittal #: 36024-1
 Sampled: 06/04/02 @ 14:20
 Sampler: Spielberg
 Received: 06/06/02 @ 10:00
 Extracted:
 Analyzed: 06/14/02 by LEW
 Ref. Citation: USEPA-8260B
 Dilution Factor: 1.93
 Analytical Batch: 187312
 QC Batch: 076008-114

CAS Number	MDEQ Plus List Volatiles USEPA Method 5035/8260	Analytical Result (mg/kg dry)	Quantitation Limit (mg/kg dry)
75-27-4	Dichlorobromomethane	<0.19	0.19
75-25-2	Bromoform	<0.19	0.19
74-83-9	Bromomethane	<0.48	0.48
75-15-0	Carbon Disulfide	<0.48	0.48
56-23-5	Carbon Tetrachloride	<0.097	0.097
108-90-7	Chlorobenzene	<0.097	0.097
75-00-3	Chloroethane	<0.48	0.48
67-66-3	Chloroform	<0.097	0.097
74-87-3	Chloromethane	<0.48	0.48
124-48-1	Chlorodibromomethane	<0.19	0.19
74-95-3	Dibromomethane	<0.19	0.19
75-71-8	Dichlorodifluoromethane	<0.48	0.48
60-29-7	Ethyl Ether	<0.48	0.48
100-41-4	Ethylbenzene	<0.097	0.097
67-72-1	Hexachloroethane	<0.19	0.19
98-82-8	Isopropylbenzene	<0.19	0.19
136777-61-2	Xylene, Meta & Para	<0.19	0.19
74-88-4	Iodomethane	<0.19	0.19
1634-04-4	Methyl(tert)butyl Ether	<0.48	0.48
75-09-2	Methylene Chloride	<0.48	0.48
91-20-3	Naphthalene	<0.48	0.48
104-51-8	n-Butylbenzene	<0.48	0.48
103-65-1	n-Propylbenzene	<0.19	0.19
95-47-6	o-Xylene	<0.097	0.097
99-87-6	4-Isopropyltoluene	<0.48	0.48
135-98-8	sec-Butylbenzene	<0.48	0.48
100-42-5	Styrene	<0.097	0.097
98-06-6	tert-Butylbenzene	<0.48	0.48
127-18-4	Tetrachloroethene	<0.097	0.097
109-99-9	Tetrahydrofuran	<1.9	1.9
108-88-3	Toluene	<0.097	0.097
79-01-6	Trichloroethene	<0.097	0.097
75-69-4	Trichlorofluoromethane	<0.48	0.48
75-01-4	Vinyl Chloride	<0.19	0.19

ANALYTICAL REPORT**MDEQ**

Project: Tamarack City Stamp Mill
ERD-Superfund, Lansing
Submittal: June 4, 2002 Soils

Submittal #: 36024-1
Sampled: 06/04/02 @ 18:50
Sampler: Spielberg
Received: 06/06/02 @ 10:00

Sample #: 307130
Sample ID: SB-7

Matrix: Soil

Parameter	Analytical Result	Quant. Limit	Unit	Analysis Date	Reference Chem	Citation
Percent Solids	85	0.1	%	06/07/02	GEH	SW-846 3550B

ANALYTICAL REPORT

MDEQ

Project: Tamarack City Stamp Mill
 ERD-Superfund, Lansing
 Submittal: June 4, 2002 Soils

Sample #: 307130
 Sample ID: SB-7

Matrix: Soil

Submittal #: 36024-1
 Sampled: 06/04/02 @ 18:50
 Sampler: Spielberg
 Received: 06/06/02 @ 10:00
 Extracted:
 Analyzed: 06/14/02 by LEW
 Ref. Citation: USEPA-8260B
 Dilution Factor: 1.14
 Analytical Batch: 187312
 QC Batch: 076008-114

CAS Number	MDEQ Plus List Volatiles USEPA Method 5035/8260	Analytical Result (mg/kg dry)	Quantitation Limit (mg/kg dry)
630-20-6	1,1,1,2-Tetrachloroethane	<0.11	0.11
71-55-6	1,1,1-Trichloroethane	<0.057	0.057
79-34-5	1,1,2,2-Tetrachloroethane	<0.11	0.11
79-00-5	1,1,2-Trichloroethane	<0.057	0.057
75-34-3	1,1-Dichloroethane	<0.057	0.057
75-35-4	1,1-Dichloroethylene	<0.057	0.057
87-61-6	1,2,3-Trichlorobenzene	<0.29	0.29
96-18-4	1,2,3-Trichloropropane	<0.11	0.11
120-82-1	1,2,4-Trichlorobenzene	<0.29	0.29
95-63-6	1,2,4-Trimethylbenzene	<0.11	0.11
96-12-8	1,2-Dibromo-3-chloropropane	<0.29	0.29
106-93-4	1,2-Dibromoethane	<0.057	0.057
95-50-1	1,2-Dichlorobenzene	<0.11	0.11
107-06-2	1,2-Dichloroethane	<0.057	0.057
156-59-2	cis-1,2-Dichloroethene	<0.057	0.057
156-60-5	trans-1,2-Dichloroethene	<0.057	0.057
78-87-5	1,2-Dichloropropane	<0.057	0.057
108-67-8	1,3,5-Trimethylbenzene	<0.11	0.11
541-73-1	1,3-Dichlorobenzene	<0.11	0.11
10061-01-5	cis-1,3-Dichloropropene	<0.057	0.057
10061-02-6	trans-1,3-Dichloropropene	<0.057	0.057
110-57-6	trans-1,4-Dichloro-2-butene	<0.057	0.057
106-46-7	1,4-Dichlorobenzene	<0.11	0.11
78-93-3	Methyl Ethyl Ketone	<0.29	0.29
591-78-6	2-Hexanone	<0.29	0.29
91-57-6	2-Methylnaphthalene	<0.29	0.29
67-64-1	Acetone	<0.86	0.86
108-10-1	4-Methyl-2-Pentanone	<0.29	0.29
107-13-1	Acrylonitrile	<0.29	0.29
71-43-2	Benzene	<0.057	0.057
108-86-1	Bromobenzene	<0.11	0.11
74-97-5	Bromochloromethane	<0.11	0.11

ANALYTICAL REPORT

MDEQ

Project: Tamarack City Stamp Mill
 ERD-Superfund, Lansing
 Submittal: June 4, 2002 Soils

Sample #: 307130
 Sample ID: SB-7

Matrix: Soil

Submittal #: 36024-1
 Sampled: 06/04/02 @ 18:50
 Sampler: Spielberg
 Received: 06/06/02 @ 10:00
 Extracted:
 Analyzed: 06/14/02 by LEW
 Ref. Citation: USEPA-8260B
 Dilution Factor: 1.14
 Analytical Batch: 187312
 QC Batch: 076008-114

CAS Number	MDEQ Plus List Volatiles USEPA Method 5035/8260	Analytical Result (mg/kg dry)	Quantitation Limit (mg/kg dry)
75-27-4	Dichlorobromomethane	<0.11	0.11
75-25-2	Bromoform	<0.11	0.11
74-83-9	Bromomethane	<0.29	0.29
75-15-0	Carbon Disulfide	<0.29	0.29
56-23-5	Carbon Tetrachloride	<0.057	0.057
108-90-7	Chlorobenzene	<0.057	0.057
75-00-3	Chloroethane	<0.29	0.29
67-66-3	Chloroform	<0.057	0.057
74-87-3	Chloromethane	<0.29	0.29
124-48-1	Chlorodibromomethane	<0.11	0.11
74-95-3	Dibromomethane	<0.11	0.11
75-71-8	Dichlorodifluoromethane	<0.29	0.29
60-29-7	Ethyl Ether	<0.29	0.29
100-41-4	Ethylbenzene	<0.057	0.057
67-72-1	Hexachloroethane	<0.11	0.11
98-82-8	Isopropylbenzene	<0.11	0.11
136777-61-2	Xylene, Meta & Para	<0.11	0.11
74-88-4	Iodomethane	<0.11	0.11
1634-04-4	Methyl(tert)butyl Ether	<0.29	0.29
75-09-2	Methylene Chloride	<0.29	0.29
91-20-3	Naphthalene	<0.29	0.29
104-51-8	n-Butylbenzene	<0.29	0.29
103-65-1	n-Propylbenzene	<0.11	0.11
95-47-6	o-Xylene	<0.057	0.057
99-87-6	4-Isopropyltoluene	<0.29	0.29
135-98-8	sec-Butylbenzene	<0.29	0.29
100-42-5	Styrene	<0.057	0.057
98-06-6	tert-Butylbenzene	<0.29	0.29
127-18-4	Tetrachloroethene	<0.057	0.057
109-99-9	Tetrahydrofuran	<1.1	1.1
108-88-3	Toluene	<0.057	0.057
79-01-6	Trichloroethene	<0.057	0.057
75-69-4	Trichlorofluoromethane	<0.29	0.29
75-01-4	Vinyl Chloride	<0.11	0.11

ANALYTICAL REPORT

MDEQ
Project: Tamarack City Stamp Mill
ERD-Superfund, Lansing
Submittal: June 4, 2002 Soils

Submittal #: 36024-1
Sampled: 06/04/02 @ 16:10
Sampler: Spielberg
Received: 06/06/02 @ 10:00

Sample #: 307131
Sample ID: SB-8

Matrix: Soil

Parameter	Analytical Result	Quant. Limit	Unit	Analysis Date	Chem	Reference Citation
Percent Solids	68	0.1	%	06/07/02	GEH	SW-846 3550B

ANALYTICAL REPORT

MDEQ

Project: Tamarack City Stamp Mill
 ERD-Superfund, Lansing
 Submittal: June 4, 2002 Soils

Sample #: 307131
 Sample ID: SB-8

Matrix: Soil

Submittal #: 36024-1
 Sampled: 06/04/02 @ 16:10
 Sampler: Spielberg
 Received: 06/06/02 @ 10:00
 Extracted:
 Analyzed: 06/14/02 by LEW
 Ref. Citation: USEPA-8260B
 Dilution Factor: 1.46
 Analytical Batch: 187312
 QC Batch: 076008-114

CAS Number	MDEQ Plus List Volatiles USEPA Method 5035/8260	Analytical Result (mg/kg dry)	Quantitation Limit (mg/kg dry)
630-20-6	1,1,1,2-Tetrachloroethane	<0.15	0.15
71-55-6	1,1,1-Trichloroethane	<0.073	0.073
79-34-5	1,1,2,2-Tetrachloroethane	<0.15	0.15
79-00-5	1,1,2-Trichloroethane	<0.073	0.073
75-34-3	1,1-Dichloroethane	<0.073	0.073
75-35-4	1,1-Dichloroethylene	<0.073	0.073
87-61-6	1,2,3-Trichlorobenzene	<0.37	0.37
96-18-4	1,2,3-Trichloropropane	<0.15	0.15
120-82-1	1,2,4-Trichlorobenzene	<0.37	0.37
95-63-6	1,2,4-Trimethylbenzene	<0.15	0.15
96-12-8	1,2-Dibromo-3-chloropropane	<0.37	0.37
106-93-4	1,2-Dibromoethane	<0.073	0.073
95-50-1	1,2-Dichlorobenzene	<0.15	0.15
107-06-2	1,2-Dichloroethane	<0.073	0.073
156-59-2	cis-1,2-Dichloroethene	<0.073	0.073
156-60-5	trans-1,2-Dichloroethene	<0.073	0.073
78-87-5	1,2-Dichloropropane	<0.073	0.073
108-67-8	1,3,5-Trimethylbenzene	<0.15	0.15
541-73-1	1,3-Dichlorobenzene	<0.15	0.15
10061-01-5	cis-1,3-Dichloropropene	<0.073	0.073
10061-02-6	trans-1,3-Dichloropropene	<0.073	0.073
110-57-6	trans-1,4-Dichloro-2-butene	<0.073	0.073
106-46-7	1,4-Dichlorobenzene	<0.15	0.15
78-93-3	Methyl Ethyl Ketone	<0.37	0.37
591-78-6	2-Hexanone	<0.37	0.37
91-57-6	2-Methylnaphthalene	<0.37	0.37
67-64-1	Acetone	<1.1	1.1
108-10-1	4-Methyl-2-Pentanone	<0.37	0.37
107-13-1	Acrylonitrile	<0.37	0.37
71-43-2	Benzene	<0.073	0.073
108-86-1	Bromobenzene	<0.15	0.15
74-97-5	Bromochloromethane	<0.15	0.15

ANALYTICAL REPORT

MDEQ

Project: Tamarack City Stamp Mill
 ERD-Superfund, Lansing
 Submittal: June 4, 2002 Soils

Sample #: 307131
 Sample ID: SB-8

Matrix: Soil

Submittal #: 36024-1
 Sampled: 06/04/02 @ 16:10
 Sampler: Spielberg
 Received: 06/06/02 @ 10:00
 Extracted:
 Analyzed: 06/14/02 by LEW
 Ref. Citation: USEPA-8260B
 Dilution Factor: 1.46
 Analytical Batch: 187312
 QC Batch: 076008-114

CAS Number	MDEQ Plus List Volatiles USEPA Method 5035/8260	Analytical Result (mg/kg dry)	Quantitation Limit (mg/kg dry)
75-27-4	Dichlorobromomethane	<0.15	0.15
75-25-2	Bromoform	<0.15	0.15
74-83-9	Bromomethane	<0.37	0.37
75-15-0	Carbon Disulfide	<0.37	0.37
56-23-5	Carbon Tetrachloride	<0.073	0.073
108-90-7	Chlorobenzene	<0.073	0.073
75-00-3	Chloroethane	<0.37	0.37
67-66-3	Chloroform	<0.073	0.073
74-87-3	Chloromethane	<0.37	0.37
124-48-1	Chlorodibromomethane	<0.15	0.15
74-95-3	Dibromomethane	<0.15	0.15
75-71-8	Dichlorodifluoromethane	<0.37	0.37
60-29-7	Ethyl Ether	<0.37	0.37
100-41-4	Ethylbenzene	<0.073	0.073
67-72-1	Hexachloroethane	<0.15	0.15
98-82-8	Isopropylbenzene	<0.15	0.15
136777-61-2	Xylene, Meta & Para	<0.15	0.15
74-88-4	Iodomethane	<0.15	0.15
1634-04-4	Methyl(tert)butyl Ether	<0.37	0.37
75-09-2	Methylene Chloride	<0.37	0.37
91-20-3	Naphthalene	<0.37	0.37
104-51-8	n-Butylbenzene	<0.37	0.37
103-65-1	n-Propylbenzene	<0.15	0.15
95-47-6	o-Xylene	<0.073	0.073
99-87-6	4-Isopropyltoluene	<0.37	0.37
135-98-8	sec-Butylbenzene	<0.37	0.37
100-42-5	Styrene	<0.073	0.073
98-06-6	tert-Butylbenzene	<0.37	0.37
127-18-4	Tetrachloroethene	<0.073	0.073
109-99-9	Tetrahydrofuran	<1.5	1.5
108-88-3	Toluene	<0.073	0.073
79-01-6	Trichloroethene	<0.073	0.073
75-69-4	Trichlorofluoromethane	<0.37	0.37
75-01-4	Vinyl Chloride	<0.15	0.15

ANALYTICAL REPORT**MDEQ**

Project: Tamarack City Stamp Mill
ERD-Superfund, Lansing
Submittal: June 4, 2002 Soils

Submittal #: 36024-1
Sampled: 06/04/02 @ 16:30
Sampler: Spielberg
Received: 06/06/02 @ 10:00

Sample #: 307132
Sample ID: SB-9

Matrix: Soil

Parameter	Analytical Quant.			Analysis		Reference
	Result	Limit	Unit	Date	Chem	Citation
Percent Solids	82	0.1	%	06/07/02	GEH	SW-846 3550B

ANALYTICAL REPORT

MDEQ

Project: Tamarack City Stamp Mill
 ERD-Superfund, Lansing
 Submittal: June 4, 2002 Soils

Sample #: 307132
 Sample ID: SB-9

Matrix: Soil

Submittal #: 36024-1
 Sampled: 06/04/02 @ 16:30
 Sampler: Spielberg
 Received: 06/06/02 @ 10:00
 Extracted:
 Analyzed: 06/14/02 by LEW
 Ref. Citation: USEPA-8260B
 Dilution Factor: 1.08
 Analytical Batch: 187312
 QC Batch: 076008-114

CAS Number	MDEQ Plus List Volatiles USEPA Method 5035/8260	Analytical Result (mg/kg dry)	Quantitation Limit (mg/kg dry)
630-20-6	1,1,1,2-Tetrachloroethane	<0.11	0.11
71-55-6	1,1,1-Trichloroethane	<0.054	0.054
79-34-5	1,1,2,2-Tetrachloroethane	<0.11	0.11
79-00-5	1,1,2-Trichloroethane	<0.054	0.054
75-34-3	1,1-Dichloroethane	<0.054	0.054
75-35-4	1,1-Dichloroethylene	<0.054	0.054
87-61-6	1,2,3-Trichlorobenzene	<0.27	0.27
96-18-4	1,2,3-Trichloropropane	<0.11	0.11
120-82-1	1,2,4-Trichlorobenzene	<0.27	0.27
95-63-6	1,2,4-Trimethylbenzene	<0.11	0.11
96-12-8	1,2-Dibromo-3-chloropropane	<0.27	0.27
106-93-4	1,2-Dibromoethane	<0.054	0.054
95-50-1	1,2-Dichlorobenzene	<0.11	0.11
107-06-2	1,2-Dichloroethane	<0.054	0.054
156-59-2	cis-1,2-Dichloroethene	<0.054	0.054
156-60-5	trans-1,2-Dichloroethene	<0.054	0.054
78-87-5	1,2-Dichloropropane	<0.054	0.054
108-67-8	1,3,5-Trimethylbenzene	<0.11	0.11
541-73-1	1,3-Dichlorobenzene	<0.11	0.11
10061-01-5	cis-1,3-Dichloropropene	<0.054	0.054
10061-02-6	trans-1,3-Dichloropropene	<0.054	0.054
110-57-6	trans-1,4-Dichloro-2-butene	<0.054	0.054
106-46-7	1,4-Dichlorobenzene	<0.11	0.11
78-93-3	Methyl Ethyl Ketone	<0.27	0.27
591-78-6	2-Hexanone	<0.27	0.27
91-57-6	2-Methylnaphthalene	<0.27	0.27
67-64-1	Acetone	<0.81	0.81
108-10-1	4-Methyl-2-Pentanone	<0.27	0.27
107-13-1	Acrylonitrile	<0.27	0.27
71-43-2	Benzene	<0.054	0.054
108-86-1	Bromobenzene	<0.11	0.11
74-97-5	Bromochloromethane	<0.11	0.11

ANALYTICAL REPORT

MDEQ		Submittal #:	36024-1
Project:	Tamarack City Stamp Mill	Sampled:	06/04/02 @ 16:30
	ERD-Superfund, Lansing	Sampler:	Spielberg
Submittal:	June 4, 2002 Soils	Received:	06/06/02 @ 10:00
		Extracted:	
Sample #:	307132	Analyzed:	06/14/02 by LEW
Sample ID:	SB-9	Ref. Citation:	USEPA-8260B
		Dilution Factor:	1.08
		Analytical Batch:	187312
Matrix:	Soil	QC Batch:	076008-114

CAS Number	MDEQ Plus List Volatiles USEPA Method 5035/8260	Analytical Result (mg/kg dry)	Quantitation Limit (mg/kg dry)
75-27-4	Dichlorobromomethane	<0.11	0.11
75-25-2	Bromoform	<0.11	0.11
74-83-9	Bromomethane	<0.27	0.27
75-15-0	Carbon Disulfide	<0.27	0.27
56-23-5	Carbon Tetrachloride	<0.054	0.054
108-90-7	Chlorobenzene	<0.054	0.054
75-00-3	Chloroethane	<0.27	0.27
67-66-3	Chloroform	<0.054	0.054
74-87-3	Chloromethane	<0.27	0.27
124-48-1	Chlorodibromomethane	<0.11	0.11
74-95-3	Dibromomethane	<0.11	0.11
75-71-8	Dichlorodifluoromethane	<0.27	0.27
60-29-7	Ethyl Ether	<0.27	0.27
100-41-4	Ethylbenzene	<0.054	0.054
67-72-1	Hexachloroethane	<0.11	0.11
98-82-8	Isopropylbenzene	<0.11	0.11
136777-61-2	Xylene, Meta & Para	<0.11	0.11
74-88-4	Iodomethane	<0.11	0.11
1634-04-4	Methyl(tert)butyl Ether	<0.27	0.27
75-09-2	Methylene Chloride	<0.27	0.27
91-20-3	Naphthalene	<0.27	0.27
104-51-8	n-Butylbenzene	<0.27	0.27
103-65-1	n-Propylbenzene	<0.11	0.11
95-47-6	o-Xylene	<0.054	0.054
99-87-6	4-Isopropyltoluene	<0.27	0.27
135-98-8	sec-Butylbenzene	<0.27	0.27
100-42-5	Styrene	<0.054	0.054
98-06-6	tert-Butylbenzene	<0.27	0.27
127-18-4	Tetrachloroethene	<0.054	0.054
109-99-9	Tetrahydrofuran	<1.1	1.1
108-88-3	Toluene	<0.054	0.054
79-01-6	Trichloroethene	<0.054	0.054
75-69-4	Trichlorofluoromethane	<0.27	0.27
75-01-4	Vinyl Chloride	<0.11	0.11

ANALYTICAL REPORT**MDEQ**

Project: Tamarack City Stamp Mill
ERD-Superfund, Lansing
Submittal: June 4, 2002 Soils

Submittal #: 36024-1
Sampled: 06/04/02 @ 15:45
Sampler: Spielberg
Received: 06/06/02 @ 10:00

Sample #: 307133
Sample ID: SB-10

Matrix: Soil

Parameter	Analytical Quant.		Unit	Analysis		Reference	
	Result	Limit		Date	Chem	Citation	
Percent Solids	79	0.1	%	06/07/02	GEH	SW-846	3550B

ANALYTICAL REPORT

MDEQ
 Project: Tamarack City Stamp Mill
 ERD-Superfund, Lansing
 Submittal: June 4, 2002 Soils
 Sample #: 307133
 Sample ID: SB-10
 Matrix: Soil

Submittal #: 36024-1
 Sampled: 06/04/02 @ 15:45
 Sampler: Spielberg
 Received: 06/06/02 @ 10:00
 Extracted:
 Analyzed: 06/14/02 by LEW
 Ref. Citation: USEPA-8260B
 Dilution Factor: 1.47
 Analytical Batch: 187312
 QC Batch: 076008-114

CAS Number	MDEQ Plus List Volatiles USEPA Method 5035/8260	Analytical Result (mg/kg dry)	Quantitation Limit (mg/kg dry)
630-20-6	1,1,1,2-Tetrachloroethane	<0.15	0.15
71-55-6	1,1,1-Trichloroethane	<0.074	0.074
79-34-5	1,1,2,2-Tetrachloroethane	<0.15	0.15
79-00-5	1,1,2-Trichloroethane	<0.074	0.074
75-34-3	1,1-Dichloroethane	<0.074	0.074
75-35-4	1,1-Dichloroethylene	<0.074	0.074
87-61-6	1,2,3-Trichlorobenzene	<0.37	0.37
96-18-4	1,2,3-Trichloropropane	<0.15	0.15
120-82-1	1,2,4-Trichlorobenzene	<0.37	0.37
95-63-6	1,2,4-Trimethylbenzene	<0.15	0.15
96-12-8	1,2-Dibromo-3-chloropropane	<0.37	0.37
106-93-4	1,2-Dibromoethane	<0.074	0.074
95-50-1	1,2-Dichlorobenzene	<0.15	0.15
107-06-2	1,2-Dichloroethane	<0.074	0.074
156-59-2	cis-1,2-Dichloroethene	<0.074	0.074
156-60-5	trans-1,2-Dichloroethene	<0.074	0.074
78-87-5	1,2-Dichloropropane	<0.074	0.074
108-67-8	1,3,5-Trimethylbenzene	<0.15	0.15
541-73-1	1,3-Dichlorobenzene	<0.15	0.15
10061-01-5	cis-1,3-Dichloropropene	<0.074	0.074
10061-02-6	trans-1,3-Dichloropropene	<0.074	0.074
110-57-6	trans-1,4-Dichloro-2-butene	<0.074	0.074
106-46-7	1,4-Dichlorobenzene	<0.15	0.15
78-93-3	Methyl Ethyl Ketone	<0.37	0.37
591-78-6	2-Hexanone	<0.37	0.37
91-57-6	2-Methylnaphthalene	<0.37	0.37
67-64-1	Acetone	<1.1	1.1
108-10-1	4-Methyl-2-Pentanone	<0.37	0.37
107-13-1	Acrylonitrile	<0.37	0.37
71-43-2	Benzene	<0.074	0.074
108-86-1	Bromobenzene	<0.15	0.15
74-97-5	Bromochloromethane	<0.15	0.15

ANALYTICAL REPORT

MDEQ		Submittal #:	36024-1
Project:	Tamarack City Stamp Mill	Sampled:	06/04/02 @ 15:45
	ERD-Superfund, Lansing	Sampler:	Spielberg
Submittal:	June 4, 2002 Soils	Received:	06/06/02 @ 10:00
		Extracted:	
Sample #:	307133	Analyzed:	06/14/02 by LEW
Sample ID:	SB-10	Ref. Citation:	USEPA-8260B
		Dilution Factor:	1.47
		Analytical Batch:	187312
Matrix:	Soil	QC Batch:	076008-114

CAS Number	MDEQ Plus List Volatiles USEPA Method 5035/8260	Analytical Result (mg/kg dry)	Quantitation Limit (mg/kg dry)
75-27-4	Dichlorobromomethane	<0.15	0.15
75-25-2	Bromoform	<0.15	0.15
74-83-9	Bromomethane	<0.37	0.37
75-15-0	Carbon Disulfide	<0.37	0.37
56-23-5	Carbon Tetrachloride	<0.074	0.074
108-90-7	Chlorobenzene	<0.074	0.074
75-00-3	Chloroethane	<0.37	0.37
67-66-3	Chloroform	<0.074	0.074
74-87-3	Chloromethane	<0.37	0.37
124-48-1	Chlorodibromomethane	<0.15	0.15
74-95-3	Dibromomethane	<0.15	0.15
75-71-8	Dichlorodifluoromethane	<0.37	0.37
60-29-7	Ethyl Ether	<0.37	0.37
100-41-4	Ethylbenzene	<0.074	0.074
67-72-1	Hexachloroethane	<0.15	0.15
98-82-8	Isopropylbenzene	<0.15	0.15
136777-61-2	Xylene, Meta & Para	<0.15	0.15
74-88-4	Iodomethane	<0.15	0.15
1634-04-4	Methyl(tert)butyl Ether	<0.37	0.37
75-09-2	Methylene Chloride	<0.37	0.37
91-20-3	Naphthalene	<0.37	0.37
104-51-8	n-Butylbenzene	<0.37	0.37
103-65-1	n-Propylbenzene	<0.15	0.15
95-47-6	o-Xylene	<0.074	0.074
99-87-6	4-Isopropyltoluene	<0.37	0.37
135-98-8	sec-Butylbenzene	<0.37	0.37
100-42-5	Styrene	<0.074	0.074
98-06-6	tert-Butylbenzene	<0.37	0.37
127-18-4	Tetrachloroethene	<0.074	0.074
109-99-9	Tetrahydrofuran	<1.5	1.5
108-88-3	Toluene	<0.074	0.074
79-01-6	Trichloroethene	<0.074	0.074
75-69-4	Trichlorofluoromethane	<0.37	0.37
75-01-4	Vinyl Chloride	<0.15	0.15



METHODS PAGES

METHODS PAGE

Parameter: MDEQ Plus List Volatiles USEPA Method 5035/8260
 Method: Volatiles Purge & Trap-GC/MS
 Application: SOIL Reference Citation: USEPA-8260B
 Analyst: Diane L. VanMale (DLVV) Date Analyzed: 06/13/02

Sample Number	Sample Description	Analytical Batch	QC Batch
307099	SS-1	187179	75930-113
307100	SS-2	187179	75930-113
307101	SS-3	187179	75930-113
307102	SS-4	187179	75930-113
307103	SS-5	187179	75930-113
307104	SS-6	187179	75930-113
307105	SS-7	187179	75930-113
307106	SS-8	187179	75930-113

Parameter: MDEQ Plus List Volatiles USEPA Method 5035/8260
 Method: Volatiles Purge & Trap-GC/MS
 Application: SOIL Reference Citation: USEPA-8260B
 Analyst: Laurel E. Wood (LEW) Date Analyzed: 06/13/02

Sample Number	Sample Description	Analytical Batch	QC Batch
307119	SS-21	187112	76008-113
307120	SS-22	187112	76008-113
307121	SS-23	187112	76008-113
307123	SS-25	187112	76008-113
307124	SB-1	187112	76008-113
307125	SB-2	187112	76008-113
307126	SB-3	187112	76008-113
307127	SB-4	187112	76008-113

Parameter: MDEQ Plus List Volatiles USEPA Method 5035/8260
 Method: Volatiles Purge & Trap-GC/MS
 Application: SOIL Reference Citation: USEPA-8260B
 Analyst: Diane L. VanMale (DLVV) Date Analyzed: 06/14/02

Sample Number	Sample Description	Analytical Batch	QC Batch
307107	SS-9	187270	75930-114
307108	SS-10	187270	75930-114
307109	SS-11	187270	75930-114
307110	SS-12	187270	75930-114
307111	SS-13	187270	75930-114

METHODS PAGE

Parameter: MDEQ Plus List Volatiles USEPA Method 5035/8260
 Method: Volatiles Purge & Trap-GC/MS
 Application: SOIL Reference Citation: USEPA-8260B
 Analyst: Diane L. VanMale (DLVV) Date Analyzed: 06/14/02

Sample Number	Sample Description	Analytical Batch	QC Batch
307112	SS-14	187270	75930-114
307113	SS-15	187270	75930-114
307114	SS-16	187270	75930-114
307115	SS-17	187270	75930-114
307116	SS-18	187270	75930-114
307117	SS-19	187270	75930-114
307118	SS-20	187270	75930-114

Parameter: MDEQ Plus List Volatiles USEPA Method 5035/8260
 Method: Volatiles Purge & Trap-GC/MS
 Application: SOIL Reference Citation: USEPA-8260B
 Analyst: Laurel E. Wood (LEW) Date Analyzed: 06/14/02

Sample Number	Sample Description	Analytical Batch	QC Batch
307128	SB-5	187112	76008-113
307129	SB-6	187312	76008-114
307130	SB-7	187312	76008-114
307131	SB-8	187312	76008-114
307132	SB-9	187312	76008-114
307133	SB-10	187312	76008-114

Parameter: MDEQ Plus List Volatiles USEPA Method 5035/8260
 Method: Volatiles Purge & Trap-GC/MS
 Application: SOIL Reference Citation: USEPA-8260B
 Analyst: Diane L. VanMale (DLVV) Date Analyzed: 06/18/02

Sample Number	Sample Description	Analytical Batch	QC Batch
307122	SS-24	187313	75929-118



CHAIN OF CUSTODY (COC) RECORDS



MICHIGAN DEPT. OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL LABORATORY
ANALYSIS REQUEST SHEET

36024-1 1/4

LAB ORDER #
SUBMITTER DIVISION: ERD
DISTRICT OR OFFICE: Superfund
MDEQ PROJECT MANAGER & PHONE: John Spielberg 517-373-4951
MATRIX=SEDIMENT/SOIL/SOLIDS
ACCEPT HT CODES? YES/NO

LOCATION SAMPLED / SITE ID NUMBER: Tamarack City Stamp Mill
INDEX: 46538
PCA: 31351
PROJECT: 454660
PH: 02

COLLECTED BY: John Spielberg
PHONE: (517) 373-4951
ADDITIONAL REPORT TO ATTENTION OF

OVERFLOW CONTRACT LAB (Required for ERD): Trimatrix
AT (ADDRESS):
(If different than above office)

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

LAB USE ONLY	SAMPLE IDENTIFICATION	SAMPLE COLLECTED		COMMENTS
		DATE	TIME	
1	SS-1	6/4/02	10:10	307099
2	SS-2		10:15	307100
3	SS-3		11:45	307101
4	SS-4		13:00	307102
5	SS-5		13:20	307103
6	SS-6		13:30	307104
7	SS-7		13:25	307105
8	SS-8		13:10	307106
9	SS-9		13:45	307107
10	SS-10		13:55	307108

ORGANIC		GENERAL CHEMISTRY		INORGANIC	
VOA	VOLATILES (MeOH/8260)	GS		MS	
Full List	1 2 3 4 5 6 7 8 9 10	COD	1 2 3 4 5 6 7 8 9 10	MICH TEN METALS	1 2 3 4 5 6 7 8 9 10
BTEX/MTBE only	1 2 3 4 5 6 7 8 9 10	KJEL N, Tot. P	1 2 3 4 5 6 7 8 9 10	(As, Ba, Cd, Cr, Cu, Pb, Hg, Se, Ag, Zn)	
OS	PESTICIDES/PCBS (8081/8082)	Phenolics	1 2 3 4 5 6 7 8 9 10	Fe Co Li Mn	1 2 3 4 5 6 7 8 9 10
Pesticides & PCBs	1 2 3 4 5 6 7 8 9 10	Total CN	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
Pesticides only	1 2 3 4 5 6 7 8 9 10		1 2 3 4 5 6 7 8 9 10	Sr - Strontium	1 2 3 4 5 6 7 8 9 10
PCBs only	1 2 3 4 5 6 7 8 9 10		1 2 3 4 5 6 7 8 9 10	Ni - Nickel	1 2 3 4 5 6 7 8 9 10
BNA	BASE NEUTRAL & ACIDS (8270)		1 2 3 4 5 6 7 8 9 10	Tl - Thallium	1 2 3 4 5 6 7 8 9 10
BNAs	1 2 3 4 5 6 7 8 9 10			Ca Mg Na K	1 2 3 4 5 6 7 8 9 10
PNAs only	1 2 3 4 5 6 7 8 9 10			% Total Solids	1 2 3 4 5 6 7 8 9 10
BNs only	1 2 3 4 5 6 7 8 9 10				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	*MeOH Preservative Tracking Number FL -			
Semivolatiles	1 2 3 4 5 6 7 8 9 10				
Other	1 2 3 4 5 6 7 8 9 10				

Chain-of-Custody	BOTTLE / TESTS	RELEASED BY / AFFILIATION	RECEIVED BY / AFFILIATION	DATE & TIME
		1) John Spielberg, 6/5/02, 16:00	Paul P. Koz	6/6/02 10:00
		2)		

37-9



MICHIGAN DEPT. OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL LABORATORY
ANALYSIS REQUEST SHEET

36024-1 24

LAB ORDER #
SUBMITTER DIVISION: ERD
DISTRICT OR OFFICE: Superfund
MDEQ PROJECT MANAGER & PHONE: John Spielberg 517-373-4951
MATRIX=SEDIMENT/SOIL/SOLIDS
ACCEPT HT CODES? YES/NO

LOCATION SAMPLED / SITE ID NUMBER: Tamarack City Stamp Mill
INDEX: 46538
PCA: 31351
PROJECT: 454660
PH: 02

COLLECTED BY: John Spielberg
PHONE: (517) 373-4951
ADDITIONAL REPORT
TO ATTENTION OF

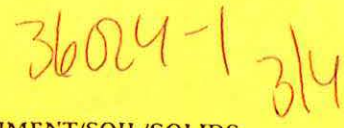
OVERFLOW CONTRACT LAB (Required for ERD): Trimatrix
AT (ADDRESS):
(If different than above office)

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

LAB USE ONLY	SAMPLE IDENTIFICATION	SAMPLE COLLECTED		COMMENTS
		DATE	TIME	
1	SS-11	6/4/02	14:15	307109
2	SS-12		14:05	307110
3	SS-13		14:10	307111
4	SS-14		14:25	307112
5	SS-15		14:40	307113
6	SS-16		14:30	307114
7	SS-17		11:35	307115
8	SS-18		11:20	307116
9	SS-19		11:25	307117
10	SS-20		11:10	307118

ORGANIC		GENERAL CHEMISTRY		INORGANIC	
VOA	VOLATILES (MeOH/8260)	GS		MS	
Full List	1 2 3 4 5 6 7 8 9 10	COD	1 2 3 4 5 6 7 8 9 10	MICH TEN METALS	1 2 3 4 5 6 7 8 9 10
BTEX/MTBE only	1 2 3 4 5 6 7 8 9 10	KJEL N, Tot. P	1 2 3 4 5 6 7 8 9 10	(As, Ba, Cd, Cr, Cu, Pb, Hg, Se, Ag, Zn)	
OS	PESTICIDES/PCBS (8081/8082)	Phenolics	1 2 3 4 5 6 7 8 9 10	Fe Co Li Mn	1 2 3 4 5 6 7 8 9 10
Pesticides & PCBs	1 2 3 4 5 6 7 8 9 10	Total CN	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
Pesticides only	1 2 3 4 5 6 7 8 9 10		1 2 3 4 5 6 7 8 9 10	Sr - Strontium	1 2 3 4 5 6 7 8 9 10
PCBs only	1 2 3 4 5 6 7 8 9 10		1 2 3 4 5 6 7 8 9 10	Ni - Nickel	1 2 3 4 5 6 7 8 9 10
BNA	BASE NEUTRAL & ACIDS (8270)		1 2 3 4 5 6 7 8 9 10	Tl - Thallium	1 2 3 4 5 6 7 8 9 10
BNAs	1 2 3 4 5 6 7 8 9 10			Ca Mg Na K	1 2 3 4 5 6 7 8 9 10
PNAs only	1 2 3 4 5 6 7 8 9 10			% Total Solids	1 2 3 4 5 6 7 8 9 10
BNs only	1 2 3 4 5 6 7 8 9 10				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	*MeOH Preservative Tracking Number FL -			
Semivolatiles	1 2 3 4 5 6 7 8 9 10				
Other	1 2 3 4 5 6 7 8 9 10				

Chain-of-Custody	BOTTLE / TESTS	RELEASED BY / AFFILIATION	RECEIVED BY / AFFILIATION	DATE & TIME
	(2)	John Spielberg 6/5/02, 16:00	Di Pukon	6/6/02 10:00



MATRIX=SEDIMENT/SOIL/SOLIDS

ACCEPT HT CODES?
YES / NO

517-377-4981

PH

02

ADDITIONAL REPORT

TO ATTENTION OF

AT (ADDRESS) (If different than above office)

Trimatrix

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

LAB USE ONLY	SAMPLE IDENTIFICATION	SAMPLE COLLECTED		COMMENTS
		DATE	TIME	
1	SS-21	6/4/02	10:45	307119
2	SS-22		10:30	307120
3	SS-23		14:55	307121
4	SS-24		10:55	307122
5	SS-25		10:35	307123
6	SB-1		10:05	307124
7	SB-2		18:10	307125
8	SB-3		17:40	307126
9	SB-4		17:15	307127
10	SB-5		16:55	307128

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
----	----	----	----	---	---	---	---	---	---	---	---	---	----

[illegible]

Ni - Nickel	1	2	3	4	5	6	7	8	9	10
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Tl - Thallium 1 2 3 4 5 6 7 8 9 10

Ce	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

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

*MeOH Preservative Tracking Number FL-

Chain-of-Custody	BOTTLE / TESTS	RELEASED BY / AFFILIATION	RECEIVED BY / AFFILIATION	DATE & TIME
	1)	John Kelly 6/5/02, PC:00	Jim Pakes	6/6/02 10:00
	2)			



MICHIGAN DEPT. OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL LABORATORY
ANALYSIS REQUEST SHEET

36024-14/14

LAB ORDER # _____ MATRIX=SEDIMENT/SOIL/SOLIDS
SUBMITTER DIVISION ERD Superfund DISTRICT OR OFFICE _____ MDEQ PROJECT MANAGER & PHONE John Spielberg 517-373-4951 ACCEPT HT CODES? YES/NO _____

LOCATION SAMPLED / SITE ID NUMBER Tamarack City Stamp Mill INDEX 46558 PCA 31351 PROJECT 454660 PH 02

COLLECTED BY John Spielberg PHONE (517) 373-4951 ADDITIONAL REPORT TO ATTENTION OF _____

OVERFLOW CONTRACT LAB (Required for ERD) Trimatrix 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	SB-6	6/4/02	14:20	307129
2	SB-7		18:50	307130
3	SB-8		16:10	307131
4	SB-9		16:30	307132
5	SB-10		15:45	307133
6				
7				
8				
9				
10				

ORGANIC		GENERAL CHEMISTRY		INORGANIC	
VOA	VOLATILES (MeOH/8260)	GS		MS	
Full List	1 2 3 4 5 6 7 8 9 10	COD	1 2 3 4 5 6 7 8 9 10	MICH TEN METALS	1 2 3 4 5 6 7 8 9 10
BTEX/MTBE only	1 2 3 4 5 6 7 8 9 10	KJEL N, Tot P	1 2 3 4 5 6 7 8 9 10	(As, Ba, Cd, Cr, Cu, Pb, Hg, Se, Ag, Zn)	
OS	PESTICIDES/PCBS (8081/8082)	Phenolics	1 2 3 4 5 6 7 8 9 10	Fe Co Li Mn	1 2 3 4 5 6 7 8 9 10
Pesticides & PCBs	1 2 3 4 5 6 7 8 9 10	Total CN	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
Pesticides only	1 2 3 4 5 6 7 8 9 10		1 2 3 4 5 6 7 8 9 10	Sr - Strontium	1 2 3 4 5 6 7 8 9 10
PCBs only	1 2 3 4 5 6 7 8 9 10		1 2 3 4 5 6 7 8 9 10	Ni - Nickel	1 2 3 4 5 6 7 8 9 10
BNA	BASE NEUTRAL & ACIDS (8270)		1 2 3 4 5 6 7 8 9 10	Tl - Thallium	1 2 3 4 5 6 7 8 9 10
BNAs	1 2 3 4 5 6 7 8 9 10			Ca Mg Na K	1 2 3 4 5 6 7 8 9 10
PNAs only	1 2 3 4 5 6 7 8 9 10			% Total Solids	1 2 3 4 5 6 7 8 9 10
BNs only	1 2 3 4 5 6 7 8 9 10				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	*MeOH Preservative Tracking Number FL - _____			
Semivolatiles	1 2 3 4 5 6 7 8 9 10				
Other	1 2 3 4 5 6 7 8 9 10				

Chain-of-Custody	BOTTLE / TESTS	RELEASED BY / AFFILIATION	RECEIVED BY / AFFILIATION	DATE & TIME
	1)	John Spielberg 6/5/02, 16:00	Eric K. P. [Signature]	6/6/02 10:00
	2)			



360241

Volatile Soil Sample Receipt Information Sheet

Client: MDEQ Date Received: 06/06/2002 Sheet Completed By: LEW
Project-Submittal: 360241 Date Form Completed: 06/06/2002 Sheet Reviewed By: LMW 06/24/02

Low Level Soils

	Yes	No	N/A
Were Samples Received in 40 mL VOA Vials Containing a Stir Bar and Pre-Preserved with Sodium Bisulfate?	☐	☐	☒
Were Samples Received Non-Preserved in Encore Samplers?	☐	☐	☒
If Received in Encore Samplers, Was Sample Received Within 48 Hours?	☐	☐	☐
Volatile Lab Informed That Samples Must Be Preserved AND Analyzed Within 48 Hours?	☐	☐	☐

High Level Soils

	Yes	No	N/A
Extra Sample Containers Received for Dry Weight Determination?	☒	☐	☐
MeOH Trip Blank Received (if MeOH not added from sealed ampules)?	☐	☒	☐

Samples Collected in Which of the Following Ways?

Tared 40, 60, or 120 mL Containers:

Were Containers Supplied by TriMatrix?	☐	☒	☐
Were Samples Received Within 4 Days After Collection, and Were They MeOH Preserved?	☒	☐	☐

Packed With No Headspace into Brass Tubes:

Were Samples Received Within 4 Days After Collection, and Preserved Within 2 Hours of Sample Receipt?	☐	☐	☒
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Packed With No Headspace in Encore Samplers:

Were Samples Received Within 40 Hours After Collection and Preserved Within 48 Hours of Collection?	☐	☐	☒
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Follow-Up

	Yes	No	N/A
Has Soil Weight Table Been Completed?	☒	☐	☐
Has Project Chemist Been Informed of any Out-of-Compliance Samples?	☐	☐	☒



Volatile Soil Sample Receipt Information Sheet

Client: MDEQ Date Received: 06/06/2002 Sheet Completed By: LEW
 Project-Submittal: 36024.1 Date Form Completed: 06/06/2002 Sheet Reviewed By: _____

Client Sample Identification	TriMatrix Sample Number	Vial Size: 40, 60, or 120 mL	Empty Weight of Bottle (g)	MeOH Added: 10, 25, or 50 mL	Full Weight of Bottle (g)	Date Sample Weighed	Time Sample Weighed	Weight of Soil (g)	Low Wt. Flag Required?	Additional MeOH Required?	Accept/Reject Sample	MeOH to Add (mL)	mL MeOH Added: By, Date, Time
SS1		40	25.1	10	45.6			12.6		Yes	Accept Sample	2.6	2.6
SS2		40	25.1	10	45.4			12.4		Yes	Accept Sample	2.4	2.4
SS3		40	25.1	10	43.5			10.5			Accept Sample		
SS4		40	25.1	10	43.4			10.4			Accept Sample		
SS5		40	25.1	10	44.3			11.3			Accept Sample		
SS6		40	25.0	10	43.6			10.7			Accept Sample		
SS7		40	25.4	10	44.2			10.9			Accept Sample		
SS8		40	25.1	10	43.1			10.1			Accept Sample		
SS9		40	25.3	10	44.0			10.8			Accept Sample		
SS10		40	25.1	10	43.5			10.5			Accept Sample		
SS11		40	25.3	10	45.0			11.8		Yes	Accept Sample	1.8	1.8
SS12		40	25.2	10	45.4			12.3		Yes	Accept Sample	2.3	2.3
SS13		40	25.1	10	44.0			10.9			Accept Sample		
SS14		40	25.3	10	44.5			11.3			Accept Sample		