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EPA Region 5 Records Ctr.



301375

744 Heartland Trail 53717-1934
P.O. Box 8923 53708-8923
Madison, WI
Telephone: 608-831-4444
Fax: 608-831-3334
www.rmtinc.com

14 May 2003

Ms. Annette Weissbach
Wisconsin Department of Natural Resources
Northeast Region Headquarters
1125 North Military Avenue
Green Bay, WI 54303

Subject: Transmittal of Data - Residential Wells
Lemberger Landfill Sites
Whitelaw, Wisconsin
First Quarter 2003

Dear Ms. Weissbach:

On behalf of the Lemberger Site Remediation Group (LSRG), RMT, Inc., is submitting the following data:

- Attachment 1: Index for Laboratory and Data Validation Qualifiers
- Attachment 2: Tabular Summary of All Results at Each Residential Well
- Attachment 3: Laboratory Data Sheets for Residential Wells
- Attachment 4: Residential Well Owner/Occupant Addresses

This information is being provided to you in advance of the full data submittal for the first quarter 2003 to expedite the reporting of the residential well results to the respective homeowners by the Wisconsin Department of Natural Resources. The data validation of the attached residential well results is complete, and the results reported herein are final. All necessary data validation "flags" have been added to the data summary tables in Attachment 2. The complete data validation report will be included with the full first quarter 2002 data submittal, which we expect to issue within approximately 4 weeks.

No groundwater quality standard exceedences were found among the residential wells sampled this quarter. None of the constituents were detected above the Limits of Quantitation (LOQs).

Well GR-13 was not sampled because the well was winterized and not accessible for sampling. Well GR-15 was not sampled because access to the residence could not be arranged with the property owner or the new occupants of the property.

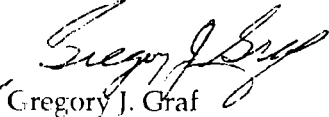
The laboratory added qualifiers to the data for QC exceedences. These qualifiers are identified in Attachment 1. The sample results are unaffected by the minor Laboratory Control Sample (LCS) exceedences. Additional information on the LCS exceedences will be included in the full report.

Ms. Annette Weissbach
Wisconsin Department of Natural Resources
14 May 2003
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Please call if you have questions or comments.

Sincerely,

RMT, Inc.



Gregory J. Graf
Project Environmental Scientist



Eric Gredell, P.E.
Project Manager

Attachments

cc: Gary Edelstein – WDNR
Darryl Owens – USEPA
Douglas Clark – Foley & Lardner
LSRG Technical Committee

Attachment 1
Index for Laboratory and Data Validation Qualifiers

Laboratory Qualifiers

ORGANIC DATA	
J or Q	The compound was identified by mass spectral evidence. The reported value is estimated.
N	The spiked sample recovery was not within control limits.
*	The duplicate analysis was not within control limits.
&	The laboratory control spike recovery was not within control limits.

Data Validation Qualifiers

u	The analyte was present at less than 10 times the concentration in the associated method (B), trip (b), field (f), and/or laboratory storage blank for common laboratory contaminants, or at less than 5 times the blank concentration of other analytes, and was therefore qualified as nondetected (u) according to USEPA data validation procedures.
j	The reported concentration or the Limit of Quantitation is approximate; specific QC criteria are outside the established control limits.
b	The analyte was present in the trip blank.

Attachment 2
Tabular Summary of All Results at Each Residential Well

PRIVATE WELLS VOLATILE RESULTS

LEMBERGER LANDFILL

PARAMETER	UNITS	GR-14	GR-16	GR-27	CR 31	GR-31 DUP	GR-33
		20-MAR-03 832448-001	09-APR-03 833091-001	20-MAR-03 832448-005	20-MAR-03 832448-002	20-MAR-03 832448-003	20-MAR-03 832448-006
1,1,1-TRICHLOROETHANE	UG/L	< 0.90	< 0.90	< 0.90	< 0.90	< 0.90	< 0.90
1,1,2,2-TETRACHLOROETHANE	UG/L	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
1,1,2-TRICHLOROETHANE	UG/L	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42
1,1-DICHLOROETHANE	UG/L	< 0.75	< 0.75	< 0.75	< 0.75	< 0.75	< 0.75
1,1-DICHLOROETHENE	UG/L	< 0.57	< 0.57	< 0.57	< 0.57	< 0.57	< 0.57
1,2-DICHLOROETHANE	UG/L	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36
1,2-DICHLOROETHENE, TOTAL	UG/L	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4
1,2-DICHLOROPROPANE	UG/L	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46
2-BUTANONE	UG/L	< 4.3	< 4.3	& < 4.3	< 4.3	< 4.3	< 4.3
2-HEXANONE	UG/L	< 1.1	< 1.1	&* < 1.1	< 1.1	< 1.1	< 1.1
4-METHYL-2-PENTANONE	UG/L	< 1.2	< 1.2	& < 1.2	< 1.2	< 1.2	< 1.2
ACETONE	UG/L	< 2.2	< 2.2	& < 2.2	< 2.2	< 2.2	< 2.2
BENZENE	UG/L	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41
BROMODICHLOROMETHANE	UG/L	< 0.56	< 0.56	< 0.56	< 0.56	< 0.56	< 0.56
BROMOFORM	UG/L	< 0.94	< 0.94	< 0.94	< 0.94	< 0.94	< 0.94
BROMOMETHANE	UG/L	< 0.91	< 0.91	< 0.91	< 0.91	< 0.91	< 0.91
CARBON DISULFIDE	UG/L	< 0.66	< 0.66	< 0.66	< 0.66	< 0.66	< 0.66
CARBON TETRACHLORIDE	UG/L	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49
CHLOROBENZENE	UG/L	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41
CHLORODIBROMOMETHANE	UG/L	< 0.81	< 0.81	< 0.81	< 0.81	< 0.81	< 0.81
CHLOROETHANE	UG/L	< 0.97	< 0.97	< 0.97	< 0.97	< 0.97	< 0.97
CHLOROFORM	UG/L	< 0.37	< 0.37	< 0.37	< 0.37	< 0.37	< 0.37
CHLOROMETHANE	UG/L	< 0.24	< 0.24	& < 0.24	< 0.24	< 0.24	< 0.24
CIS-1,3-DICHLOROPROPENE	UG/L	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19
ETHYLBENZENE	UG/L	< 0.54	< 0.54	< 0.54	< 0.54	< 0.54	< 0.54
METHYLENE CHLORIDE	UG/L	0.71 Qu	< 0.43	0.57 Qu	0.50 Qu	0.72 Qu	< 0.43
STYRENE	UG/L	< 0.86	< 0.86	< 0.86	< 0.86	< 0.86	< 0.86
TETRACHLOROETHENE	UG/L	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45
TOLUENE	UG/L	< 0.67	< 0.67	< 0.67	< 0.67	< 0.67	< 0.67
TRANS-1,3-DICHLOROPROPENE	UG/L	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19
TRICHLOROETHENE	UG/L	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48
VINYL CHLORIDE	UG/L	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
XYLENE, TOTAL	UG/L	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6

PRIVATE WELLS VOLATILE RESULTS
LEMBERGER LANDFILL

GR-41
20-MAR-03

PARAMETER UNITS 832448-004

PARAMETER	UNITS	832448-004
1,1,1-TRICHLOROETHANE	UG/L	< 0.90
1,1,2,2-TETRACHLOROETHANE	UG/L	< 0.20
1,1,2-TRICHLOROETHANE	UG/L	< 0.42
1,1-DICHLOROETHANE	UG/L	< 0.75
1,1-DICHLOROETHENE	UG/L	< 0.57
1,2-DICHLOROETHANE	UG/L	< 0.36
1,2-DICHLOROETHENE, TOTAL	UG/L	< 1.4
1,2-DICHLOROPROPANE	UG/L	< 0.46
2-BUTANONE	UG/L	< 4.3
2-HEXANONE	UG/L	< 1.1
4-METHYL-2-PENTANONE	UG/L	< 1.2
ACETONE	UG/L	< 2.2
BENZENE	UG/L	< 0.41
BROMODICHLOROMETHANE	UG/L	< 0.56
BROMOFORM	UG/L	< 0.94
BROMOMETHANE	UG/L	< 0.91
CARBON DISULFIDE	UG/L	< 0.66
CARBON TETRACHLORIDE	UG/L	< 0.49
CHLOROBENZENE	UG/L	< 0.41
CHLORODIBROMOMETHANE	UG/L	< 0.81
CHLOROETHANE	UG/L	< 0.97
CHLOROFORM	UG/L	< 0.37
CHLOROMETHANE	UG/L	< 0.24
CIS-1,3-DICHLOROPROPENE	UG/L	< 0.19
ETHYLBENZENE	UG/L	< 0.54
METHYLENE CHLORIDE	UG/L	0.69 Qu
STYRENE	UG/L	< 0.86
TETRACHLOROETHENE	UG/L	< 0.45
TOLUENE	UG/L	< 0.67
TRANS-1,3-DICHLOROPROPENE	UG/L	< 0.19
TRICHLOROETHENE	UG/L	< 0.48
VINYL CHLORIDE	UG/L	< 0.18
XYLENE, TOTAL	UG/L	< 2.6

Attachment 3
Laboratory Data Sheets for Residential Wells

SDG Narrative

Name RMT - MADISON

Client Project Name LEMBERGER LANDFILL

Client Project# 3452.21

Project Coordinator Tod Noltemeyer

SDG 832448

LabSection VOA

Lab Number	EPA Lab No.	SampleID	Collect Date	Received	Matrix
832448-001	244801	GR-14	03/20/03	03/21/03	GROUNDWATER
832448-002	244802	GR-31	03/20/03	03/21/03	GROUNDWATER
832448-003	244803	DUPR-01	03/20/03	03/21/03	GROUNDWATER
832448-004	244804	GR-41	03/20/03	03/21/03	GROUNDWATER
832448-005	244805	GR-27	03/20/03	03/21/03	GROUNDWATER
832448-006	244806	GR-33	03/20/03	03/21/03	GROUNDWATER
832448-007	244807	GR-33MS	03/20/03	03/21/03	GROUNDWATER
832448-008	244808	GR-33MSD	03/20/03	03/21/03	GROUNDWATER
832448-009	244809	TRIP BLANK		03/21/03	GROUNDWATER
832448-010	244810	STORAGE BLANK		03/21/03	GROUNDWATER
832448-011	244811	MB1832448		03/21/03	GROUNDWATER

- Analytical Report -

Project Name : LEMBERGER LANDFILL
 Project Number : 3452.21
 Field ID : GR-14
 Lab Sample Number : 832448-001
 WI DNR LAB ID : 405132750
 Client : RMT - MADISON
 Report Date : 04/03/03
 Collection Date : 03/20/03
 Matrix Type : GROUNDWATER

Organic Results

VOC 3.4 List (Total 12DCE & XYL) Prep Method: SW846 5030B Prep Date: 03/25/03 Analyst: TLT

Analyte	Result	LOD	LOQ	EQL	Units	Dilution	Code	Analysis Date	Analysis Method
1,1 1-Trichloroethane	< 0.90	0.90	2.9		ug/L	1		03/25/03	SW846 8260B
1,1 2,2-Tetrachloroethane	< 0.20	0.20	0.64		ug/L	1		03/25/03	SW846 8260B
1,1,2-Trichloroethane	< 0.42	0.42	1.3		ug/L	1		03/25/03	SW846 8260B
1,1-Dichloroethane	< 0.75	0.75	2.4		ug/L	1		03/25/03	SW846 8260B
1,1-Dichloroethene	< 0.57	0.57	1.8		ug/L	1		03/25/03	SW846 8260B
1,2-Dichloroethane	< 0.36	0.36	1.1		ug/L	1		03/25/03	SW846 8260B
1,2-Dichloroethene, total	< 1.4	1.4	4.5		ug/L	1		03/25/03	SW846 8260B
1,2-Dichloropropane	< 0.46	0.46	1.5		ug/L	1		03/25/03	SW846 8260B
2-Butanone	< 4.3	4.3	14		ug/L	1		03/25/03	SW846 8260B
2-Hexanone	< 1.1	1.1	3.5		ug/L	1		03/25/03	SW846 8260B
4-Methyl-2-pentanone	< 1.2	1.2	3.8		ug/L	1		03/25/03	SW846 8260E
Acetone	< 2.2	2.2	7.0		ug/L	1		03/25/03	SW846 8260E
Benzene	< 0.41	0.41	1.3		ug/L	1		03/25/03	SW846 8260E
Bromodichloromethane	< 0.56	0.56	1.8		ug/L	1		03/25/03	SW846 8260E
Bromoform	< 0.94	0.94	3.0		ug/L	1		03/25/03	SW846 8260E
Bromomethane	< 0.91	0.91	2.9		ug/L	1		03/25/03	SW846 8260E
Carbon disulfide	< 0.66	0.66	2.1		ug/L	1		03/25/03	SW846 8260B
Carbon tetrachloride	< 0.49	0.49	1.6		ug/L	1		03/25/03	SW846 8260B
Chlorobenzene	< 0.41	0.41	1.3		ug/L	1		03/25/03	SW846 8260B
Chlorodibromomethane	< 0.81	0.81	2.6		ug/L	1		03/25/03	SW846 8260B
Chloroethane	< 0.97	0.97	3.1		ug/L	1		03/25/03	SW846 8260B
Chloroform	< 0.37	0.37	1.2		ug/L	1		03/25/03	SW846 8260B
Chloromethane	< 0.24	0.24	0.76		ug/L	1		03/25/03	SW846 8260B
cis-1,3-Dichloropropene	< 0.19	0.19	0.61		ug/L	1		03/25/03	SW846 8260B
Ethylbenzene	< 0.54	0.54	1.7		ug/L	1		03/25/03	SW846 8260B
Methylene chloride	0.71	0.43	1.4		ug/L	1	Q	03/25/03	SW846 8260B
Styrene	< 0.86	0.86	2.7		ug/L	1		03/25/03	SW846 8260B
Tetrachloroethene	< 0.45	0.45	1.4		ug/L	1		03/25/03	SW846 8260B
Toluene	< 0.67	0.67	2.1		ug/L	1		03/25/03	SW846 8260B
trans-1,3-Dichloropropene	< 0.19	0.19	0.61		ug/L	1		03/25/03	SW846 8260B

- Analytical Report -

Project Name : LEMBERGER LANDFILL
Project Number : 3452.21 Client : RMT - MADISON
Field ID : GR-14 Report Date : 04/03/03
Lab Sample Number : 832448-001 Collection Date : 03/20/03
WI DNR LAB ID : 405132750 Matrix Type : GROUNDWATER

Organic Results

VOC 3.4 List (Total 12DCE & XYL) Prep Method: SW846 5030B Prep Date: 03/25/03 Analyst: TLT

Analyte	Result	LOD	LOQ	EQL	Units	Dilution	Code	Analysis Date	Analysis Method
Trichloroethene	< 0.48	0.48	1.5		ug/L	1		03/25/03	SW846 8260B
Vinyl chloride	< 0.18	0.18	0.57		ug/L	1		03/25/03	SW846 8260B
Xylene, total	< 2.6	2.6	8.3		ug/L	1		03/25/03	SW846 8260B

- Analytical Report -

Project Name : LEMBERGER LANDFILL
 Project Number : 3452.21
 Field ID : GR-31
 Lab Sample Number : 832448-002
 WI DNR LAB ID : 405132750
 Client : RMT - MADISON
 Report Date : 04/03/03
 Collection Date : 03/20/03
 Matrix Type : GROUNDWATER

Organic Results

VOC 3.4 List (Total 12DCE & XYL) Prep Method: SW846 5030B Prep Date: 03/25/03 Analyst: TLT

Analyte	Result	LOD	LOQ	EQL	Units	Dilution	Code	Analysis Date	Analysis Method
1,1,1-Trichloroethane	< 0.90	0.90	2.9		ug/L	1		03/25/03	SW846 8260B
1,1,2,2-Tetrachloroethane	< 0.20	0.20	0.64		ug/L	1		03/25/03	SW846 8260B
1,1,2-Trichloroethane	< 0.42	0.42	1.3		ug/L	1		03/25/03	SW846 8260B
1,1-Dichloroethane	< 0.75	0.75	2.4		ug/L	1		03/25/03	SW846 8260B
1,1-Dichloroethene	< 0.57	0.57	1.8		ug/L	1		03/25/03	SW846 8260B
1,2-Dichloroethane	< 0.36	0.36	1.1		ug/L	1		03/25/03	SW846 8260B
1,2-Dichloroethene, total	< 1.4	1.4	4.5		ug/L	1		03/25/03	SW846 8260B
1,2-Dichloropropane	< 0.46	0.46	1.5		ug/L	1		03/25/03	SW846 8260B
2-Butanone	< 4.3	4.3	14		ug/L	1		03/25/03	SW846 8260B
2-Hexanone	< 1.1	1.1	3.5		ug/L	1		03/25/03	SW846 8260B
4-Methyl-2-pentanone	< 1.2	1.2	3.8		ug/L	1		03/25/03	SW846 8260B
Acetone	< 2.2	2.2	7.0		ug/L	1		03/25/03	SW846 8260B
Benzene	< 0.41	0.41	1.3		ug/L	1		03/25/03	SW846 8260B
Bromodichloromethane	< 0.56	0.56	1.8		ug/L	1		03/25/03	SW846 8260B
Bromoform	< 0.94	0.94	3.0		ug/L	1		03/25/03	SW846 8260B
Bromomethane	< 0.91	0.91	2.9		ug/L	1		03/25/03	SW846 8260B
Carbon disulfide	< 0.66	0.66	2.1		ug/L	1		03/25/03	SW846 8260B
Carbon tetrachloride	< 0.49	0.49	1.6		ug/L	1		03/25/03	SW846 8260B
Chlorobenzene	< 0.41	0.41	1.3		ug/L	1		03/25/03	SW846 8260B
Chlorodibromomethane	< 0.81	0.81	2.6		ug/L	1		03/25/03	SW846 8260B
Chloroethane	< 0.97	0.97	3.1		ug/L	1		03/25/03	SW846 8260B
Chloroform	< 0.37	0.37	1.2		ug/L	1		03/25/03	SW846 8260B
Chloromethane	< 0.24	0.24	0.76		ug/L	1		03/25/03	SW846 8260B
cis-1,3-Dichloropropene	< 0.19	0.19	0.61		ug/L	1		03/25/03	SW846 8260B
Ethylbenzene	< 0.54	0.54	1.7		ug/L	1		03/25/03	SW846 8260B
Methylene chloride	0.50	0.43	1.4		ug/L	1	Q	03/25/03	SW846 8260B
Styrene	< 0.86	0.86	2.7		ug/L	1		03/25/03	SW846 8260B
Tetrachloroethene	< 0.45	0.45	1.4		ug/L	1		03/25/03	SW846 8260B
Toluene	< 0.67	0.67	2.1		ug/L	1		03/25/03	SW846 8260B
trans-1,3-Dichloropropene	< 0.19	0.19	0.61		ug/L	1		03/25/03	SW846 8260B

- Analytical Report -

Project Name : LEMBERGER LANDFILL
Project Number : 3452.21
Field ID : GR-31
Lab Sample Number : 832448-002
WI DNR LAB ID : 405132750
Client : RMT - MADISON
Report Date : 04/03/03
Collection Date : 03/20/03
Matrix Type : GROUNDWATER

Organic Results

VOC 3.4 List (Total 12DCE & XYL)

Prep Method: SW846 5030B Prep Date: 03/25/03 Analyst: TLT

Analyte	Result	LOD	LOQ	EQL	Units	Dilution	Code	Analysis Date	Analysis Method
Trichloroethene	< 0.48	0.48	1.5		ug/L	1		03/25/03	SW846 8260B
Vinyl chloride	< 0.18	0.18	0.57		ug/L	1		03/25/03	SW846 8260B
Xylene, total	< 2.6	2.6	8.3		ug/L	1		03/25/03	SW846 8260B

- Analytical Report -

Project Name : LEMBERGER LANDFILL
 Project Number : 3452.21 Client : RMT - MADISON
 Field ID : DUPR-01 Report Date : 04/03/03
 Lab Sample Number : 832448-003 Collection Date : 03/20/03
 WI DNR LAB ID : 405132750 Matrix Type : GROUNDWATER

Organic Results

VOC 3.4 List (Total 12DCE & XYL) Prep Method: SW846 5030B Prep Date: 03/25/03 Analyst: TLT

Analyte	Result	LOD	LOQ	EQL	Units	Dilution	Code	Analysis Date	Analysis Method
1,1,1-Trichloroethane	< 0.90	0.90	2.9		ug/L	1		03/25/03	SW846 8260B
1,1,2,2-Tetrachloroethane	< 0.20	0.20	0.64		ug/L	1		03/25/03	SW846 8260B
1,1,2-Trichloroethane	< 0.42	0.42	1.3		ug/L	1		03/25/03	SW846 8260B
1,1-Dichloroethane	< 0.75	0.75	2.4		ug/L	1		03/25/03	SW846 8260B
1,1-Dichloroethene	< 0.57	0.57	1.8		ug/L	1		03/25/03	SW846 8260B
1,2-Dichloroethane	< 0.36	0.36	1.1		ug/L	1		03/25/03	SW846 8260B
1,2-Dichloroethene, total	< 1.4	1.4	4.5		ug/L	1		03/25/03	SW846 8260B
1,2-Dichloropropane	< 0.46	0.46	1.5		ug/L	1		03/25/03	SW846 8260B
2-Butanone	< 4.3	4.3	14		ug/L	1		03/25/03	SW846 8260B
2-Hexanone	< 1.1	1.1	3.5		ug/L	1		03/25/03	SW846 8260B
4-Methyl-2-pentanone	< 1.2	1.2	3.8		ug/L	1		03/25/03	SW846 8260B
Acetone	< 2.2	2.2	7.0		ug/L	1		03/25/03	SW846 8260B
Benzene	< 0.41	0.41	1.3		ug/L	1		03/25/03	SW846 8260B
Bromodichloromethane	< 0.56	0.56	1.8		ug/L	1		03/25/03	SW846 8260B
Bromoform	< 0.94	0.94	3.0		ug/L	1		03/25/03	SW846 8260B
Bromomethane	< 0.91	0.91	2.9		ug/L	1		03/25/03	SW846 8260B
Carbon disulfide	< 0.66	0.66	2.1		ug/L	1		03/25/03	SW846 8260B
Carbon tetrachloride	< 0.49	0.49	1.6		ug/L	1		03/25/03	SW846 8260B
Chlorobenzene	< 0.41	0.41	1.3		ug/L	1		03/25/03	SW846 8260B
Chlorodibromomethane	< 0.81	0.81	2.6		ug/L	1		03/25/03	SW846 8260B
Chloroethane	< 0.97	0.97	3.1		ug/L	1		03/25/03	SW846 8260B
Chloroform	< 0.37	0.37	1.2		ug/L	1		03/25/03	SW846 8260B
Chloromethane	< 0.24	0.24	0.76		ug/L	1		03/25/03	SW846 8260B
cis-1,3-Dichloropropene	< 0.19	0.19	0.61		ug/L	1		03/25/03	SW846 8260B
Ethylbenzene	< 0.54	0.54	1.7		ug/L	1		03/25/03	SW846 8260B
Methylene chloride	0.72	0.43	1.4		ug/L	1	Q	03/25/03	SW846 8260B
Styrene	< 0.86	0.86	2.7		ug/L	1		03/25/03	SW846 8260B
Tetrachloroethene	< 0.45	0.45	1.4		ug/L	1		03/25/03	SW846 8260B
Toluene	< 0.67	0.67	2.1		ug/L	1		03/25/03	SW846 8260B
trans-1,3-Dichloropropene	< 0.19	0.19	0.61		ug/L	1		03/25/03	SW846 8260B

- Analytical Report -

Project Name : LEMBERGER LANDFILL

Project Number : 3452.21

Client : RMT - MADISON

Field ID : DUPR-01

Report Date : 04/03/03

Lab Sample Number : 832448-003

Collection Date : 03/20/03

WI DNR LAB ID : 405132750

Matrix Type : GROUNDWATER

Organic Results

VOC 3.4 List (Total 12DCE & XYL)

Prep Method: SW846 5030B Prep Date: 03/25/03 Analyst: TLT

Analyte	Result	LOD	LOQ	EQL	Units	Dilution	Code	Analysis Date	Analysis Method
Trichloroethene	< 0.48	0.48	1.5		ug/L	1		03/25/03	SW846 8260B
Vinyl chloride	< 0.18	0.18	0.57		ug/L	1		03/25/03	SW846 8260B
Xylene, total	< 2.6	2.6	8.3		ug/L	1		03/25/03	SW846 8260B

- Analytical Report -

Project Name : LEMBERGER LANDFILL
 Project Number : 3452.21 Client : RMT - MADISON
 Field ID : GR-41 Report Date : 04/03/03
 Lab Sample Number : 832448-004 Collection Date : 03/20/03
 WI DNR LAB ID : 405132750 Matrix Type : GROUNDWATER

Organic Results

VOC 3.4 List (Total 12DCE & XYL) Prep Method: SW846 5030B Prep Date: 03/25/03 Analyst: TLT

Analyte	Result	LOD	LOQ	EQL	Units	Dilution	Code	Analysis Date	Analysis Method
1,1,1-Trichloroethane	< 0.90	0.90	2.9		ug/L	1		03/25/03	SW846 8260B
1,1,2,2-Tetrachloroethane	< 0.20	0.20	0.64		ug/L	1		03/25/03	SW846 8260B
1,1,2-Trichloroethane	< 0.42	0.42	1.3		ug/L	1		03/25/03	SW846 8260B
1,1-Dichloroethane	< 0.75	0.75	2.4		ug/L	1		03/25/03	SW846 8260B
1,1-Dichloroethene	< 0.57	0.57	1.8		ug/L	1		03/25/03	SW846 8260B
1,2-Dichloroethane	< 0.36	0.36	1.1		ug/L	1		03/25/03	SW846 8260B
1,2-Dichloroethene, total	< 1.4	1.4	4.5		ug/L	1		03/25/03	SW846 8260B
1,2-Dichloropropane	< 0.46	0.46	1.5		ug/L	1		03/25/03	SW846 8260B
2-Butanone	< 4.3	4.3	14		ug/L	1		03/25/03	SW846 8260B
2-Hexanone	< 1.1	1.1	3.5		ug/L	1		03/25/03	SW846 8260B
4-Methyl-2-pentanone	< 1.2	1.2	3.8		ug/L	1		03/25/03	SW846 8260B
Acetone	< 2.2	2.2	7.0		ug/L	1		03/25/03	SW846 8260B
Benzene	< 0.41	0.41	1.3		ug/L	1		03/25/03	SW846 8260B
Bromodichloromethane	< 0.56	0.56	1.8		ug/L	1		03/25/03	SW846 8260B
Bromoform	< 0.94	0.94	3.0		ug/L	1		03/25/03	SW846 8260B
Bromomethane	< 0.91	0.91	2.9		ug/L	1		03/25/03	SW846 8260B
Carbon disulfide	< 0.66	0.66	2.1		ug/L	1		03/25/03	SW846 8260B
Carbon tetrachloride	< 0.49	0.49	1.6		ug/L	1		03/25/03	SW846 8260B
Chlorobenzene	< 0.41	0.41	1.3		ug/L	1		03/25/03	SW846 8260B
Chlorodibromomethane	< 0.81	0.81	2.6		ug/L	1		03/25/03	SW846 8260B
Chloroethane	< 0.97	0.97	3.1		ug/L	1		03/25/03	SW846 8260B
Chloroform	< 0.37	0.37	1.2		ug/L	1		03/25/03	SW846 8260B
Chloromethane	< 0.24	0.24	0.76		ug/L	1		03/25/03	SW846 8260B
cis-1,3-Dichloropropene	< 0.19	0.19	0.61		ug/L	1		03/25/03	SW846 8260B
Ethylbenzene	< 0.54	0.54	1.7		ug/L	1		03/25/03	SW846 8260B
Methylene chloride	0.69	0.43	1.4		ug/L	1	Q	03/25/03	SW846 8260B
Styrene	< 0.86	0.86	2.7		ug/L	1		03/25/03	SW846 8260B
Tetrachloroethene	< 0.45	0.45	1.4		ug/L	1		03/25/03	SW846 8260B
Toluene	< 0.67	0.67	2.1		ug/L	1		03/25/03	SW846 8260B
trans-1,3-Dichloropropene	< 0.19	0.19	0.61		ug/L	1		03/25/03	SW846 8260B

- Analytical Report -

Project Name : LEMBERGER LANDFILL
Project Number : 3452.21 Client : RMT - MADISON
Field ID : GR-41 Report Date : 04/03/03
Lab Sample Number : 832448-004 Collection Date : 03/20/03
WI DNR LAB ID : 405132750 Matrix Type : GROUNDWATER

Organic Results

VOC 3.4 List (Total 12DCE & XYL) Prep Method: SW846 5030B Prep Date: 03/25/03 Analyst: TLT

Analyte	Result	LOD	LOQ	EQL	Units	Dilution	Code	Analysis Date	Analysis Method
Trichloroethene	< 0.48	0.48	1.5		ug/L	1		03/25/03	SW846 8260B
Vinyl chloride	< 0.18	0.18	0.57		ug/L	1		03/25/03	SW846 8260B
Xylene, total	< 2.6	2.6	8.3		ug/L	1		03/25/03	SW846 8260B

- Analytical Report -

Project Name : LEMBERGER LANDFILL

Project Number : 3452.21

Client : RMT - MADISON

Field ID : GR-27

Report Date : 04/03/03

Lab Sample Number : 832448-005

Collection Date : 03/20/03

WI DNR LAB ID : 405132750

Matrix Type : GROUNDWATER

Organic Results

VOC 3.4 List (Total 12DCE & XYL)

Prep Method: SW846 5030B

Prep Date: 03/25/03

Analyst: TLT

Analyte	Result	LOD	LOQ	EQL	Units	Dilution	Code	Analysis Date	Analysis Method
1,1,1-Trichloroethane	< 0.90	0.90	2.9		ug/L	1		03/25/03	SW846 8260B
1,1,2,2-Tetrachloroethane	< 0.20	0.20	0.64		ug/L	1		03/25/03	SW846 8260B
1,1,2-Trichloroethane	< 0.42	0.42	1.3		ug/L	1		03/25/03	SW846 8260B
1,1-Dichloroethane	< 0.75	0.75	2.4		ug/L	1		03/25/03	SW846 8260B
1,1-Dichloroethene	< 0.57	0.57	1.8		ug/L	1		03/25/03	SW846 8260B
1,2-Dichloroethane	< 0.36	0.36	1.1		ug/L	1		03/25/03	SW846 8260B
1,2-Dichloroethene, total	< 1.4	1.4	4.5		ug/L	1		03/25/03	SW846 8260B
1,2-Dichloropropane	< 0.46	0.46	1.5		ug/L	1		03/25/03	SW846 8260B
2-Butanone	< 4.3	4.3	14		ug/L	1		03/25/03	SW846 8260B
2-Hexanone	< 1.1	1.1	3.5		ug/L	1		03/25/03	SW846 8260B
4-Methyl-2-pentanone	< 1.2	1.2	3.8		ug/L	1		03/25/03	SW846 8260B
Acetone	< 2.2	2.2	7.0		ug/L	1		03/25/03	SW846 8260B
Benzene	< 0.41	0.41	1.3		ug/L	1		03/25/03	SW846 8260B
Bromodichloromethane	< 0.56	0.56	1.8		ug/L	1		03/25/03	SW846 8260B
Bromoform	< 0.94	0.94	3.0		ug/L	1		03/25/03	SW846 8260B
Bromomethane	< 0.91	0.91	2.9		ug/L	1		03/25/03	SW846 8260B
Carbon disulfide	< 0.66	0.66	2.1		ug/L	1		03/25/03	SW846 8260B
Carbon tetrachloride	< 0.49	0.49	1.6		ug/L	1		03/25/03	SW846 8260B
Chlorobenzene	< 0.41	0.41	1.3		ug/L	1		03/25/03	SW846 8260B
Chlorodibromomethane	< 0.81	0.81	2.6		ug/L	1		03/25/03	SW846 8260B
Chloroethane	< 0.97	0.97	3.1		ug/L	1		03/25/03	SW846 8260B
Chloroform	< 0.37	0.37	1.2		ug/L	1		03/25/03	SW846 8260B
Chloromethane	< 0.24	0.24	0.76		ug/L	1		03/25/03	SW846 8260B
cis-1,3-Dichloropropene	< 0.19	0.19	0.61		ug/L	1		03/25/03	SW846 8260B
Ethylbenzene	< 0.54	0.54	1.7		ug/L	1		03/25/03	SW846 8260B
Methylene chloride	0.57	0.43	1.4		ug/L	1	Q	03/25/03	SW846 8260B
Styrene	< 0.86	0.86	2.7		ug/L	1		03/25/03	SW846 8260B
Tetrachloroethene	< 0.45	0.45	1.4		ug/L	1		03/25/03	SW846 8260B
Toluene	< 0.67	0.67	2.1		ug/L	1		03/25/03	SW846 8260B
trans-1,3-Dichloropropene	< 0.19	0.19	0.61		ug/L	1		03/25/03	SW846 8260B

- Analytical Report -

Project Name : LEMBERGER LANDFILL
Project Number : 3452.21 Client : RMT - MADISON
Field ID : GR-27 Report Date : 04/03/03
Lab Sample Number : 832448-005 Collection Date : 03/20/03
WI DNR LAB ID : 405132750 Matrix Type : GROUNDWATER

Organic Results

VOC 3.4 List (Total 12DCE & XYL)

Prep Method: SW846 5030B Prep Date: 03/25/03 Analyst: TLT

Analyte	Result	LOD	LOQ	EQL	Units	Dilution	Code	Analysis Date	Analysis Method
Trichloroethene	< 0.48	0.48	1.5		ug/L	1		03/25/03	SW846 8260B
Vinyl chloride	< 0.18	0.18	0.57		ug/L	1		03/25/03	SW846 8260B
Xylene, total	< 2.6	2.6	8.3		ug/L	1		03/25/03	SW846 8260B

- Analytical Report -

Project Name : LEMBERGER LANDFILL

Project Number : 3452.21

Client : RMT - MADISON

Field ID : GR-33

Report Date : 04/03/03

Lab Sample Number : 832448-006

Collection Date : 03/20/03

WI DNR LAE ID : 405132750

Matrix Type : GROUNDWATER

Organic Results

VOC 3.4 List (Total 12DCE & XYL)

Prep Method: SW846 5030B Prep Date: 03/25/03 Analyst: TLT

Analyte	Result	LOD	LOQ	EQL	Units	Dilution	Code	Analysis Date	Analysis Method
1,1 1-Trichloroethane	< 0.90	0.90	2.9		ug/L	1		03/25/03	SW846 8260B
1,1,2,2-Tetrachloroethane	< 0.20	0.20	0.64		ug/L	1		03/25/03	SW846 8260B
1,1,2-Trichloroethane	< 0.42	0.42	1.3		ug/L	1		03/25/03	SW846 8260B
1,1-Dichloroethane	< 0.75	0.75	2.4		ug/L	1		03/25/03	SW846 8260B
1,1-Dichloroethene	< 0.57	0.57	1.8		ug/L	1		03/25/03	SW846 8260B
1,2-Dichloroethane	< 0.36	0.36	1.1		ug/L	1		03/25/03	SW846 8260B
1,2-Dichloroethene, total	< 1.4	1.4	4.5		ug/L	1		03/25/03	SW846 8260B
1,2-Dichloropropane	< 0.46	0.46	1.5		ug/L	1		03/25/03	SW846 8260B
2-Butanone	< 4.3	4.3	14		ug/L	1		03/25/03	SW846 8260B
2-Hexanone	< 1.1	1.1	3.5		ug/L	1		03/25/03	SW846 8260B
4-Methyl-2-pentanone	< 1.2	1.2	3.8		ug/L	1		03/25/03	SW846 8260B
Acetone	< 2.2	2.2	7.0		ug/L	1		03/25/03	SW846 8260B
Benzene	< 0.41	0.41	1.3		ug/L	1		03/25/03	SW846 8260B
Bromodichloromethane	< 0.56	0.56	1.8		ug/L	1		03/25/03	SW846 8260B
Bromoform	< 0.94	0.94	3.0		ug/L	1		03/25/03	SW846 8260B
Bromomethane	< 0.91	0.91	2.9		ug/L	1		03/25/03	SW846 8260B
Carbon disulfide	< 0.66	0.66	2.1		ug/L	1		03/25/03	SW846 8260B
Carbon tetrachloride	< 0.49	0.49	1.6		ug/L	1		03/25/03	SW846 8260B
Chlorobenzene	< 0.41	0.41	1.3		ug/L	1		03/25/03	SW846 8260B
Chlorodibromomethane	< 0.81	0.81	2.6		ug/L	1		03/25/03	SW846 8260B
Chloroethane	< 0.97	0.97	3.1		ug/L	1		03/25/03	SW846 8260B
Chloroform	< 0.37	0.37	1.2		ug/L	1		03/25/03	SW846 8260B
Chloromethane	< 0.24	0.24	0.76		ug/L	1		03/25/03	SW846 8260B
cis-1, 3-Dichloropropene	< 0.19	0.19	0.61		ug/L	1		03/25/03	SW846 8260B
Ethylbenzene	< 0.54	0.54	1.7		ug/L	1		03/25/03	SW846 8260B
Methylene chloride	< 0.43	0.43	1.4		ug/L	1		03/25/03	SW846 8260B
Styrene	< 0.86	0.86	2.7		ug/L	1		03/25/03	SW846 8260B
Tetrachloroethene	< 0.45	0.45	1.4		ug/L	1		03/25/03	SW846 8260B
Toluene	< 0.67	0.67	2.1		ug/L	1		03/25/03	SW846 8260B
trans-1,3-Dichloropropene	< 0.19	0.19	0.61		ug/L	1		03/25/03	SW846 8260B

- Analytical Report -

Project Name : LEMBERGER LANDFILL

Project Number : 3452.21

Client : RMT - MADISON

Field ID : GR-33

Report Date : 04/03/03

Lab Sample Number : 832448-006

Collection Date : 03/20/03

WI DNR LAB ID : 405132750

Matrix Type : GROUNDWATER

Organic Results

VOC 3.4 List (Total 12DCE & XYL)

Prep Method: SW846 5030B Prep Date: 03/25/03 Analyst: TLT

Analyte	Result	LOD	LOQ	EQL	Units	Dilution	Code	Analysis Date	Analysis Method
Trichloroethene	< 0.48	0.48	1.5		ug/L	1		03/25/03	SW846 8260B
Vinyl chloride	< 0.18	0.18	0.57		ug/L	1		03/25/03	SW846 8260B
Xylene, total	< 2.6	2.6	8.3		ug/L	1		03/25/03	SW846 8260B

- Analytical Report -

Project Name : LEMBERGER LANDFILL
 Project Number : 3452.21 Client : RMT - MADISON
 Field ID : TRIP BLANK Report Date : 04/03/03
 Lab Sample Number : 832448-009 Collection Date :
 WI DNR LAB ID : 405132750 Matrix Type : GROUNDWATER

Organic Results

VOC 3/4 List (Total 12DCE & XYL) Prep Method: SW846 5030B Prep Date: 03/25/03 Analyst: TLT

Analyte	Result	LOD	LOQ	EQL	Units	Dilution	Code	Analysis Date	Analysis Method
1,1,1-Trichloroethane	< 0.90	0.90	2.9		ug/L	1		03/25/03	SW846 8260B
1,1,2,2-Tetrachloroethane	< 0.20	0.20	0.64		ug/L	1		03/25/03	SW846 8260B
1,1,2-Trichloroethane	< 0.42	0.42	1.3		ug/L	1		03/25/03	SW846 8260B
1,1-Dichloroethane	< 0.75	0.75	2.4		ug/L	1		03/25/03	SW846 8260B
1,1-Dichloroethene	< 0.57	0.57	1.8		ug/L	1		03/25/03	SW846 8260B
1,2-Dichloroethane	< 0.36	0.36	1.1		ug/L	1		03/25/03	SW846 8260B
1,2-Dichloroethene, total	< 1.4	1.4	4.5		ug/L	1		03/25/03	SW846 8260B
1,2-Dichloropropane	< 0.46	0.46	1.5		ug/L	1		03/25/03	SW846 8260B
2-Butanone	< 4.3	4.3	14		ug/L	1		03/25/03	SW846 8260B
2-Hexanone	< 1.1	1.1	3.5		ug/L	1		03/25/03	SW846 8260B
4-Methyl-2-pentanone	< 1.2	1.2	3.8		ug/L	1		03/25/03	SW846 8260B
Acetone	< 2.2	2.2	7.0		ug/L	1		03/25/03	SW846 8260B
Benzene	< 0.41	0.41	1.3		ug/L	1		03/25/03	SW846 8260B
Bromodichloromethane	< 0.56	0.56	1.8		ug/L	1		03/25/03	SW846 8260B
Bromoform	< 0.94	0.94	3.0		ug/L	1		03/25/03	SW846 8260B
Bromomethane	< 0.91	0.91	2.9		ug/L	1		03/25/03	SW846 8260B
Carbon disulfide	< 0.66	0.66	2.1		ug/L	1		03/25/03	SW846 8260B
Carbon tetrachloride	< 0.49	0.49	1.6		ug/L	1		03/25/03	SW846 8260B
Chlcrobenzene	< 0.41	0.41	1.3		ug/L	1		03/25/03	SW846 8260B
Chlorodibromomethane	< 0.81	0.81	2.6		ug/L	1		03/25/03	SW846 8260B
Chloroethane	< 0.97	0.97	3.1		ug/L	1		03/25/03	SW846 8260B
Chloroform	< 0.37	0.37	1.2		ug/L	1		03/25/03	SW846 8260B
Chloromethane	< 0.24	0.24	0.76		ug/L	1		03/25/03	SW846 8260B
cis-1,3-Dichloropropene	< 0.19	0.19	0.61		ug/L	1		03/25/03	SW846 8260B
Ethylbenzene	< 0.54	0.54	1.7		ug/L	1		03/25/03	SW846 8260B
Methylene chloride	0.60	0.43	1.4		ug/L	1	Q	03/25/03	SW846 8260B
Styrene	< 0.86	0.86	2.7		ug/L	1		03/25/03	SW846 8260B
Tetrachloroethene	< 0.45	0.45	1.4		ug/L	1		03/25/03	SW846 8260B
Toluene	< 0.67	0.67	2.1		ug/L	1		03/25/03	SW846 8260B
trans-1,3-Dichloropropene	< 0.19	0.19	0.61		ug/L	1		03/25/03	SW846 8260B

- Analytical Report -

Project Name : LEMBERGER LANDFILL
Project Number : 3452.21 Client : RMT - MADISON
Field ID : TRIP BLANK Report Date : 04/03/03
Lab Sample Number : 832448-009 Collection Date :
WI DNR LAB ID : 405132750 Matrix Type : GROUNDWATER

Organic Results

VOC 3.4 List (Total 12DCE & XYL) Prep Method: SW846 5030B Prep Date: 03/25/03 Analyst: TLT

Analyte	Result	LOD	LOQ	EQL	Units	Dilution	Code	Analysis Date	Analysis Method
Trichloroethene	< 0.48	0.48	1.5		ug/L	1		03/25/03	SW846 8260B
Vinyl chloride	< 0.18	0.18	0.57		ug/L	1		03/25/03	SW846 8260B
Xylene, total	< 2.6	2.6	8.3		ug/L	1		03/25/03	SW846 8260B

- Analytical Report -

Project Name : LEMBERGER LANDFILL
 Project Number : 3452.21 Client : RMT - MADISON
 Field ID : STORAGE BLANK Report Date : 04/03/03
 Lab Sample Number : 832448-010 Collection Date :
 WI DNR LAE ID : 405132750 Matrix Type : GROUNDWATER

Organic Results

VOC 3.4 List (Total 12DCE & XYL) Prep Method: SW846 5030B Prep Date: 03/25/03 Analyst: TLT

Analyte	Result	LOD	LOQ	EQL	Units	Dilution	Code	Analysis Date	Analysis Method
1,1,1-Trichloroethane	< 0.90	0.90	2.9		ug/L	1		03/25/03	SW846 8260B
1,1,2,2-Tetrachloroethane	< 0.20	0.20	0.64		ug/L	1		03/25/03	SW846 8260B
1,1 2-Trichloroethane	< 0.42	0.42	1.3		ug/L	1		03/25/03	SW846 8260B
1,1-Dichloroethane	< 0.75	0.75	2.4		ug/L	1		03/25/03	SW846 8260B
1,1-Dichloroethene	< 0.57	0.57	1.8		ug/L	1		03/25/03	SW846 8260B
1,2-Dichloroethane	< 0.36	0.36	1.1		ug/L	1		03/25/03	SW846 8260B
1,2-Dichloroethene, total	< 1.4	1.4	4.5		ug/L	1		03/25/03	SW846 8260B
1,2-Dichloropropane	< 0.46	0.46	1.5		ug/L	1		03/25/03	SW846 8260B
2-Butanone	< 4.3	4.3	14		ug/L	1		03/25/03	SW846 8260B
2-Hexanone	< 1.1	1.1	3.5		ug/L	1		03/25/03	SW846 8260B
4-Methyl-2-pentanone	< 1.2	1.2	3.8		ug/L	1		03/25/03	SW846 8260B
Acetone	< 2.2	2.2	7.0		ug/L	1		03/25/03	SW846 8260B
Benzene	< 0.41	0.41	1.3		ug/L	1		03/25/03	SW846 8260B
Bromodichloromethane	< 0.56	0.56	1.8		ug/L	1		03/25/03	SW846 8260B
Bromoform	< 0.94	0.94	3.0		ug/L	1		03/25/03	SW846 8260B
Bromomethane	< 0.91	0.91	2.9		ug/L	1		03/25/03	SW846 8260B
Carbon disulfide	< 0.66	0.66	2.1		ug/L	1		03/25/03	SW846 8260B
Carbon tetrachloride	< 0.49	0.49	1.6		ug/L	1		03/25/03	SW846 8260B
Chlorobenzene	< 0.41	0.41	1.3		ug/L	1		03/25/03	SW846 8260B
Chlorodibromomethane	< 0.81	0.81	2.6		ug/L	1		03/25/03	SW846 8260B
Chloroethane	< 0.97	0.97	3.1		ug/L	1		03/25/03	SW846 8260B
Chloroform	< 0.37	0.37	1.2		ug/L	1		03/25/03	SW846 8260B
Chloromethane	< 0.24	0.24	0.76		ug/L	1		03/25/03	SW846 8260B
cis-1,3-Dichloropropene	< 0.19	0.19	0.61		ug/L	1		03/25/03	SW846 8260B
Ethylbenzene	< 0.54	0.54	1.7		ug/L	1		03/25/03	SW846 8260B
Methylene chloride	0.59	0.43	1.4		ug/L	1	Q	03/25/03	SW846 8260B
Styrene	< 0.86	0.86	2.7		ug/L	1		03/25/03	SW846 8260B
Tetrachloroethene	< 0.45	0.45	1.4		ug/L	1		03/25/03	SW846 8260B
Toluene	< 0.67	0.67	2.1		ug/L	1		03/25/03	SW846 8260B
trans-1,3-Dichloropropene	< 0.19	0.19	0.61		ug/L	1		03/25/03	SW846 8260B

- Analytical Report -

Project Name : LEMBERGER LANDFILL

Project Number : 3452.21

Client : RMT - MADISON

Field ID : STORAGE BLANK

Report Date : 04/03/03

Lab Sample Number : 832448-010

Collection Date :

WI DNR LAB ID : 405132750

Matrix Type : GROUNDWATER

Organic Results

VOC 3.4 List (Total 12DCE & XYL)

Prep Method: SW846 5030B Prep Date: 03/25/03 Analyst: TLT

Analyte	Result	LOD	LOQ	EQL	Units	Dilution	Code	Analysis Date	Analysis Method
Trichloroethene	< 0.48	0.48	1.5		ug/L	1		03/25/03	SW846 8260B
Vinyl chloride	< 0.18	0.18	0.57		ug/L	1		03/25/03	SW846 8260B
Xylene, total	< 2.6	2.6	8.3		ug/L	1		03/25/03	SW846 8260B

SDG Narrative

Name RMT - MADISON

Client Project Name LEMBERGER LANDFILL

Client Project# 3452.21

Project Coordinator Tod Noltemeyer

SDG 833091

LabSection VOA

Lab Number	EPA Lab No.	SampleID	Collect Date	Received	Matrix
833091-001	309101	GR-16	04/09/03	04/10/03	GROUNDWATER
833091-002	309102	TRIP BLANK	04/09/03	04/10/03	GROUNDWATER
833091-003	309103	STORAGE BLANK	04/09/03	04/10/03	GROUNDWATER
833091-004	309104	METHOD BLANK	04/09/03	04/10/03	GROUNDWATER

- Analytical Report -

Project Name : LEMBERGER LANDFILL
Project Number : 3452.21
Sample ID : GR-16
Lab Sample Number : 833091-001
Lab Project Number : 833091

Submitter : RMT - MADISON
Report Date : 04/21/03
Collection Date : 04/09/03
Matrix : GROUNDWATER
WI DNR LAB ID : 405132750

Volatile Organic Results

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Method: SW846 5030B

Prep Date: 04/15/03

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
1,1,1-Trichloroethane	< 0.90	0.90	2.9		ug/L		04/15/03	SW846 8260B
1,1,2,2-Tetrachloroethane	< 0.20	0.20	0.64		ug/L		04/15/03	SW846 8260B
1,1,2-Trichloroethane	< 0.42	0.42	1.3		ug/L		04/15/03	SW846 8260B
1,1-Dichloroethane	< 0.75	0.75	2.4		ug/L		04/15/03	SW846 8260B
1,1-Dichloroethene	< 0.57	0.57	1.8		ug/L		04/15/03	SW846 8260B
1,2-Dichloroethane	< 0.36	0.36	1.1		ug/L		04/15/03	SW846 8260B
1,2-Dichloroethene, Total	< 1.4	1.4	4.5		ug/L		04/15/03	SW846 8260B
1,2-Dichloropropane	< 0.46	0.46	1.5		ug/L		04/15/03	SW846 8260B
2-Butanone	< 4.3	4.3	14		ug/L	&	04/15/03	SW846 8260B
2-Hexanone	< 1.1	1.1	3.5		ug/L	&*	04/15/03	SW846 8260B
4-Methyl-2-pentanone	< 1.2	1.2	3.8		ug/L		04/15/03	SW846 8260B
Acetone	< 2.2	2.2	7.0		ug/L	&	04/15/03	SW846 8260B
Benzene	< 0.41	0.41	1.3		ug/L		04/15/03	SW846 8260B
Bromodichloromethane	< 0.56	0.56	1.8		ug/L		04/15/03	SW846 8260B
Bromoform	< 0.94	0.94	3.0		ug/L		04/15/03	SW846 8260B
Bromomethane	< 0.91	0.91	2.9		ug/L		04/15/03	SW846 8260B
Carbon Disulfide	< 0.66	0.66	2.1		ug/L		04/15/03	SW846 8260B
Carbon Tetrachloride	< 0.49	0.49	1.6		ug/L		04/15/03	SW846 8260B
Chlorobenzene	< 0.41	0.41	1.3		ug/L		04/15/03	SW846 8260B
Chlorodibromomethane	< 0.81	0.81	2.6		ug/L		04/15/03	SW846 8260B
Chloroethane	< 0.97	0.97	3.1		ug/L		04/15/03	SW846 8260B
Chloroform	< 0.37	0.37	1.2		ug/L		04/15/03	SW846 8260B
Chloromethane	< 0.24	0.24	0.76		ug/L	&	04/15/03	SW846 8260B
cis-1,3-Dichloropropene	< 0.19	0.19	0.61		ug/L		04/15/03	SW846 8260B
Ethylbenzene	< 0.54	0.54	1.7		ug/L		04/15/03	SW846 8260B
Methylene Chloride	< 0.43	0.43	1.4		ug/L		04/15/03	SW846 8260B
Styrene	< 0.86	0.86	2.7		ug/L		04/15/03	SW846 8260B
Tetrachloroethene	< 0.45	0.45	1.4		ug/L		04/15/03	SW846 8260B
Toluene	< 0.67	0.67	2.1		ug/L		04/15/03	SW846 8260B

Units of %Recov(ery) denote spike recovery. All recoveries pass in-house control limits unless otherwise noted.

- Analytical Report -

Project Name : LEMBERGER LANDFILL

Submitter : RMT - MADISON

Project Number : 3452.21

Report Date : 04/21/03

Sample ID : GR-16

Collection Date : 04/09/03

Lab Sample Number : 833091-001

Matrix : GROUNDWATER

Lab Project Number : 833091

WI DNR LAB ID : 405132750

<i>trans</i> -1,3-Dichloropropene	<	0.19	0.19	0.61	ug/L	04/15/03	SW846 8260B
Trichloroethene	<	0.48	0.48	1.5	ug/L	04/15/03	SW846 8260B
Vinyl Chloride	<	0.18	0.18	0.57	ug/L	04/15/03	SW846 8260B
Xylene, Total	<	2.6	2.6	8.3	ug/L	04/15/03	SW846 8260B

Units of %Recov(ery) denote spike recovery. All recoveries pass in-house control limits unless otherwise noted.

- Analytical Report -

Project Name : LEMBERGER LANDFILL	Submitter : RMT - MADISON
Project Number : 3452.21	Report Date : 04/21/03
Sample ID : TRIP BLANK	Collection Date : 04/09/03
Lab Sample Number : 833091-002	Matrix : GROUNDWATER
Lab Project Number : 833091	WI DNR LAB ID : 405132750

Volatile Organic Results

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL) Prep Method: SW846 5030B Prep Date: 04/15/03

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
1,1,1-Trichloroethane	< 0.90	0.90	2.9		ug/L		04/15/03	SW846 8260B
1,1,2,2-Tetrachloroethane	< 0.20	0.20	0.64		ug/L		04/15/03	SW846 8260B
1,1,2-Trichloroethane	< 0.42	0.42	1.3		ug/L		04/15/03	SW846 8260B
1,1-Dichloroethane	< 0.75	0.75	2.4		ug/L		04/15/03	SW846 8260B
1,1-Dichloroethene	< 0.57	0.57	1.8		ug/L		04/15/03	SW846 8260B
1,2-Dichloroethane	< 0.36	0.36	1.1		ug/L		04/15/03	SW846 8260B
1,2-Dichloroethene, Total	< 1.4	1.4	4.5		ug/L		04/15/03	SW846 8260B
1,2-Dichloropropane	< 0.46	0.46	1.5		ug/L		04/15/03	SW846 8260B
2-Butanone	< 4.3	4.3	14		ug/L	&	04/15/03	SW846 8260B
2-Hexanone	< 1.1	1.1	3.5		ug/L	&*	04/15/03	SW846 8260B
4-Methyl-2-pentanone	< 1.2	1.2	3.8		ug/L		04/15/03	SW846 8260B
Acetone	< 2.2	2.2	7.0		ug/L	&	04/15/03	SW846 8260B
Benzene	< 0.41	0.41	1.3		ug/L		04/15/03	SW846 8260B
Bromodichloromethane	< 0.56	0.56	1.8		ug/L		04/15/03	SW846 8260B
Bromoform	< 0.94	0.94	3.0		ug/L		04/15/03	SW846 8260B
Bromomethane	< 0.91	0.91	2.9		ug/L		04/15/03	SW846 8260B
Carbon Disulfide	< 0.66	0.66	2.1		ug/L		04/15/03	SW846 8260B
Carbon Tetrachloride	< 0.49	0.49	1.6		ug/L		04/15/03	SW846 8260B
Chlorobenzene	< 0.41	0.41	1.3		ug/L		04/15/03	SW846 8260B
Chlorodibromomethane	< 0.81	0.81	2.6		ug/L		04/15/03	SW846 8260B
Chloroethane	< 0.97	0.97	3.1		ug/L		04/15/03	SW846 8260B
Chloroform	< 0.37	0.37	1.2		ug/L		04/15/03	SW846 8260B
Chloromethane	< 0.24	0.24	0.76		ug/L	&	04/15/03	SW846 8260B
cis-1,3-Dichloropropene	< 0.19	0.19	0.61		ug/L		04/15/03	SW846 8260B
Ethylbenzene	< 0.54	0.54	1.7		ug/L		04/15/03	SW846 8260B
Methylene Chloride	0.61	0.43	1.4		ug/L	Q	04/15/03	SW846 8260B
Styrene	< 0.86	0.86	2.7		ug/L		04/15/03	SW846 8260B
Tetrachloroethene	< 0.45	0.45	1.4		ug/L		04/15/03	SW846 8260B
Toluene	< 0.67	0.67	2.1		ug/L		04/15/03	SW846 8260B

Units of %Recovery denote spike recovery. All recoveries pass in-house control limits unless otherwise noted.

- Analytical Report -

Project Name : LEMBERGER LANDFILL

Submitter : RMT - MADISON

Project Number : 3452.21

Report Date : 04/21/03

Sample ID : TRIP BLANK

Collection Date : 04/09/03

Lab Sample Number : 833091-002

Matrix : GROUNDWATER

Lab Project Number : 833091

WI DNR LAB ID : 405132750

trans-1,3-Dichloropropene	< 0.19	0.19	0.61	ug/L	04/15/03	SW846 8260B
Trichloroethene	< 0.48	0.48	1.5	ug/L	04/15/03	SW846 8260B
Vnyl Chloride	< 0.18	0.18	0.57	ug/L	04/15/03	SW846 8260B
Xylene, Total	< 2.6	2.6	8.3	ug/L	04/15/03	SW846 8260B

Units of %Recov(ery) denote spike recovery. All recoveries pass in-house control limits unless otherwise noted.

- Analytical Report -

Project Name : LEMBERGER LANDFILL	Submitter : RMT - MADISON
Project Number : 3452.21	Report Date : 04/21/03
Sample ID : STORAGE BLANK	Collection Date : 04/09/03
Lab Sample Number : 833091-003	Matrix : GROUNDWATER
Lab Project Number : 833091	WI DNR LAB ID : 405132750

Volatile Organic Results

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Method: SW846 5030B

Prep Date: 04/15/03

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
1,1,1-Trichloroethane	< 0.90	0.90	2.9		ug/L		04/15/03	SW846 8260B
1,1,2,2-Tetrachloroethane	< 0.20	0.20	0.64		ug/L		04/15/03	SW846 8260B
1,1,2-Trichloroethane	< 0.42	0.42	1.3		ug/L		04/15/03	SW846 8260B
1,1-Dichloroethane	< 0.75	0.75	2.4		ug/L		04/15/03	SW846 8260B
1,1-Dichloroethene	< 0.57	0.57	1.8		ug/L		04/15/03	SW846 8260B
1,2-Dichloroethane	< 0.36	0.36	1.1		ug/L		04/15/03	SW846 8260B
1,2-Dichloroethene, Total	< 1.4	1.4	4.5		ug/L		04/15/03	SW846 8260B
1,2-Dichloropropane	< 0.46	0.46	1.5		ug/L		04/15/03	SW846 8260B
2-Butanone	< 4.3	4.3	14		ug/L	&	04/15/03	SW846 8260B
2-Hexanone	< 1.1	1.1	3.5		ug/L	&*	04/15/03	SW846 8260B
4-Methyl-2-pentanone	< 1.2	1.2	3.8		ug/L		04/15/03	SW846 8260B
Acetone	< 2.2	2.2	7.0		ug/L	&	04/15/03	SW846 8260B
Benzene	< 0.41	0.41	1.3		ug/L		04/15/03	SW846 8260B
Bromodichloromethane	< 0.56	0.56	1.8		ug/L		04/15/03	SW846 8260B
Bromoform	< 0.94	0.94	3.0		ug/L		04/15/03	SW846 8260B
Bromomethane	< 0.91	0.91	2.9		ug/L		04/15/03	SW846 8260B
Carbon Disulfide	< 0.66	0.66	2.1		ug/L		04/15/03	SW846 8260B
Carbon Tetrachloride	< 0.49	0.49	1.6		ug/L		04/15/03	SW846 8260B
Chlorobenzene	< 0.41	0.41	1.3		ug/L		04/15/03	SW846 8260B
Chlorodibromomethane	< 0.81	0.81	2.6		ug/L		04/15/03	SW846 8260B
Chloroethane	< 0.97	0.97	3.1		ug/L		04/15/03	SW846 8260B
Chloroform	< 0.37	0.37	1.2		ug/L		04/15/03	SW846 8260B
Chloromethane	< 0.24	0.24	0.76		ug/L	&	04/15/03	SW846 8260B
cis-1,3-Dichloropropene	< 0.19	0.19	0.61		ug/L		04/15/03	SW846 8260B
Ethylbenzene	< 0.54	0.54	1.7		ug/L		04/15/03	SW846 8260B
Methylene Chloride	0.93	0.43	1.4		ug/L	Q	04/15/03	SW846 8260B
Styrene	< 0.86	0.86	2.7		ug/L		04/15/03	SW846 8260B
Tetrachloroethene	< 0.45	0.45	1.4		ug/L		04/15/03	SW846 8260B
Toluene	< 0.67	0.67	2.1		ug/L		04/15/03	SW846 8260B

Units of %Recov(ery) denote spike recovery. All recoveries pass in-house control limits unless otherwise noted.

- Analytical Report -

Project Name : LEMBERGER LANDFILL

Submitter : RMT - MADISON

Project Number : 3452.21

Report Date : 04/21/03

Sample ID : STORAGE BLANK

Collection Date : 04/09/03

Lab Sample Number : 833091-003

Matrix : GROUNDWATER

Lab Project Number : 833091

WI DNR LAB ID : 405132750

trans-1,3-Dichloropropene	<	0.19	0.19	0.61	ug/L	04/15/03	SW846 8260B
Trichloroethene	<	0.48	0.48	1.5	ug/L	04/15/03	SW846 8260B
Vinyl Chloride	<	0.18	0.18	0.57	ug/L	04/15/03	SW846 8260B
Xylene, Total	<	2.6	2.6	8.3	ug/L	04/15/03	SW846 8260B

Units of %Recov(ery) denote spike recovery. All recoveries pass in-house control limits unless otherwise noted.

Attachment 4
Residential Well Owner/Occupant Addresses

Summary of Residential Well Sampling Frequency
Lemberger Landfill Site
As of First Quarter 2003

GROUP 1 RESIDENTIAL WELLS SAMPLED QUARTERLY	GROUP 2 RESIDENTIAL WELLS SAMPLED ANNUALLY
GR-13 GR-14 GR-15 GR-16 GR-27 GR-31 GR-33 GR-41	GR-8 GR-9 GR-10 GR-11 GR-12 GR-17 GR-24 GR-25 GR-26 GR-30 GR-60R GR-62 GR-63 GR-64 GR-65

RESIDENTIAL GROUP 1

<u>Occupant</u>	<u>Owner</u>	<u>Well #</u>	<u>DNR ID #</u>	<u>WUWN⁽¹⁾</u>
Mrs. Kubichka 13207 Reifs Mills Road Whitelaw, WI 54247 (920) 732-4307	Mrs. Kubichka 1810 Menasha Avenue Manitowoc, WI 54220 (920) 682-1279	GR-13	106	BK381
Rosemary Schneider 13416 Reifs Mills Road Whitelaw, WI 54247 (920) 732-3028	same	GR-14	107	BK363
Chad Olm ⁽²⁾ 13323 Reifs Mills Road Whitelaw, WI 54247	same	GR-15	108	BK409
Karl Schultz 13535F River Bend Road Whitelaw, WI 54247 (920) 732-4588	same	GR-16	109	BK371
Leonard Ledvina 6203 Ledvina Road Whitelaw, WI 54247 (920) 732-3755	same	GR-27	114	BK353
Ervin Polifka 12504 Palm Grove Road Whitelaw, WI 54247 (920) 732-3627	same	GR-31	116	BK376
Richard Lodel 4833 Mayerl Road Cato, WI 54247 (920) 732-3629	same	GR-33	117	BK375
Tom Ebert 12435 Palm Grove Road Whitelaw, WI 54247 (920) 732-4363	same	GR-41	118	BK391

RESIDENTIAL GROUP 2

<u>Occupant</u>	<u>Owner</u>	<u>Well #</u>	<u>DNR ID #</u>	<u>WUWN⁽¹⁾</u>
Edwin Sauer 7435 Taus Road Whitelaw, WI 54247 (920) 732-4497	same	GR-9	102	BK415
Richard Eiles 7504 Taus Road Whitelaw, WI 54247 (920) 732-3959	same	GR-8	101	BK413
Jeff Wilker 7231 Taus Road Whitelaw, WI 54247 (920) 732-3587	same	GR-10	103	BK407
Jane Kalies 7208 Taus Road Whitelaw, WI 54247 (920) 732-3462	same	GR-11	104	BK416
John Dugan 13116 Reifs Mills Road Whitelaw, WI 54247 (920) 732-3040	same	GR-12	105	CW004
Wayne Menza 12933 Reifs Mills Road Whitelaw, WI 54247 (920) 732-3929	same	GR-17	110	BK410
[occupant unidentified] 12330 Sunny Slope Road Whitelaw, WI 54247	Waste Management, Inc. Ridgeview Landfill 6207 Hempton Lake Road Whitelaw, WI 54247 (920) 732-4473	GR-24 ⁽⁴⁾	111	BK366
Ed Baroun 5925 Hempton Lake Road Whitelaw, WI 54247 (920) 732-3072	same	GR-25	112	BK365

RESIDENTIAL GROUP 2 (cont.)

<u>Occupant</u>	<u>Owner</u>	<u>Well#</u>	<u>DNR ID#</u>	<u>WUWN⁽¹⁾</u>
13116 Sunny Slope Road Cato, WI 54247 [no house at this address]	Kenney Lemberger 10007 Reifs Mills Road Whitelaw, WI 54247 (920) 732-4324	GR-26	113	AO649
Alice Lemberger 5330 Hempton Lake Road Whitelaw, WI 54247 (920) 732-3353	same	GR-30	115	BK920
[no residence at this well location] ⁽³⁾	Keith and Helen Kaenig 720 Wisconsin Street Kiel, WI 53042 (920) 894-3084	GR-60R	124	IG758
Carl Franz 7325 Taus Road Whitelaw, WI 54247 (920) 732-3970	same	GR-62	120	HL794
James Einburger 12820 Reifs Mills Road Whitelaw, WI 54247 (920) 732-3805	same	GR-63	121	DS921
Floyd & Pat Lonzo 12815 Reifs Mills Road Whitelaw, WI 54247 (920) 732-3408	same	GR-64	122	IE118
Corliss & Diana Prindle 6726 River Bend Road Whitelaw, WI 54247 (920) 732-3919	same	GR-65	123	LK291

Notes:

- (1) Wisconsin Unique Well Number.
- (2) No telephone service to this residence.
- (3) Former house at this location has been demolished. A barn and shed are the only structures on the property.
- (4) GR-24 was sampled quarterly from 4th quarter 2000 through 3rd quarter 2002, with Group 1 wells. GR-24 returned to the Group 2 wells as of the fourth quarter 2002, and will be sampled annually with the other Group 2 wells (next sampling round will be second quarter 2003).