Water Test Data

"Solutions for Technical Concerns"

MDH Laboratory # 027-137-157

Sample ID: S040071309	Project #: 6368	Sampler: Client	Type: Grab
Client: Army Corp. Of Engineers		Status: Normal	Matrix: Liquid
Study: Consultant		NTS COC No: 39015	
Descript: Van White Blvd		Sampled: 1/5/2004 9:00 AM	
Location: 04-17M-100		Completed: 02/13/2004	

Notes:

DRO extraction date: 01/12/04
c- Elevated reporting limit
** Heavy hydrocarbon compounds detected outside the DRO window.*

Analyte	Analysis Date	Result	Units	RL	Method
DRO	1/12/2004	*0.15	mg/L	0.1	WI Method
GRO	1/8/2004	<0.1	mg/L	0.1	WI Method
Arsenic, GF	1/7/2004	<2	ug/L	2	EPA 206.2
Barium	1/7/2004	234	ug/L	10	EPA 200.7
Cadmium	1/22/2004	c<0.4	ug/L	0.2	EPA 213.2
Chromium	1/7/2004	<5	ug/L	1	EPA 200.7
Lead	1/15/2004	<1	ug/L	1	7421
Mercury	1/21/2004	<0.2	ug/L	0.2	EPA 245.1
PCB	1/14/2004	#9999	See Report	0.5	Method 8082
Selenium, GF	1/15/2004	c<10	ug/L	2	EPA 270.2
Semi-Volatile Organics	1/13/2004	#9999	See Report	0.1	SW846 8270
Silver	1/22/2004	<1	ug/L	1	6010B
VOC-Water	1/15/2004	#9999	See Report	0.5	SW846 8021

Approved By: _____
Project Manager:

Analyses were performed by methods approved by the U.S. Environmental Protection Agency and the Minnesota Department of Health.

Northeast Technical Services, Inc. makes no warranty except that the analysis has been made upon the samples received in accordance with generally accepted testing laboratory principles and practices. The results of the analysis may not be characteristic of the whole from which the sample was taken. This warranty is in lieu of all other warranties either expressed or implied.

"Solutions for Technical Concerns"

MDH Laboratory # 027-137-157

Sample ID: S040071334	Project #: 6368	Sampler: Client	Type: Grab
Client: Army Corp. Of Engineers		Status: Normal	Matrix: Liquid
Study: Consultant		NTS COC No: 39015	
Descript: Van White Blvd		Sampled: 1/5/2004 11:45 AM	
Location: 04-18M-100		Completed: 02/13/2004	

Notes:

DRO extraction date: 01/12/04
c- Elevated reporting limit
** Heavy hydrocarbon compounds detected outside the DRO window.*

Analyte	Analysis Date	Result	Units	RL	Method
DRO	1/12/2004	*0.22	mg/L	0.1	WI Method
GRO	1/8/2004	<0.1	mg/L	0.1	WI Method
Arsenic, GF	1/7/2004	<2	ug/L	2	EPA 206.2
Barium	1/7/2004	946	ug/L	10	EPA 200.7
Cadmium	1/22/2004	c<0.4	ug/L	0.2	EPA 213.2
Chromium	1/7/2004	<5	ug/L	1	EPA 200.7
Lead	1/15/2004	<1	ug/L	1	7421
Mercury	1/21/2004	<0.2	ug/L	0.2	EPA 245.1
PCB	1/14/2004	#9999	See Report	0.5	Method 8082
Selenium, GF	1/15/2004	c<10	ug/L	2	EPA 270.2
Semi-Volatile Organics	1/13/2004	#9999	See Report	0.1	SW846 8270
Silver	1/22/2004	<1	ug/L	1	6010B
VOC-Water	1/15/2004	#9999	See Report	0.5	SW846 8021

Approved By:

Project Manager:

Analyses were performed by methods approved by the U.S. Environmental Protection Agency and the Minnesota Department of Health.

Northeast Technical Services, Inc. makes no warranty except that the analysis has been made upon the samples received in accordance with generally accepted testing laboratory principles and practices. The results of the analysis may not be characteristic of the whole from which the sample was taken. This warranty is in lieu of all other warranties either expressed or implied.

"Solutions for Technical Concerns"

MDH Laboratory # 027-137-157

Sample ID: S040071335	Project #: 6368	Sampler: Client	Type: Grab
Client: Army Corp. Of Engineers		Status: Normal	Matrix: Liquid
Study: Consultant		NTS COC No: 39015	
Descript: Van White Blvd		Sampled: 1/6/2004 8:30 AM	
Location: 04-20M-100		Completed: 02/13/2004	

Notes:

DRO extraction date: 01/12/04
c- Elevated reporting limit
p DRO sample pH 7

Analyte	Analysis Date	Result	Units	RL	Method
DRO	1/12/2004	p <0.1	mg/L	0.1	WI Method
GRO	1/8/2004	<0.1	mg/L	0.1	WI Method
Arsenic, GF	1/7/2004	3	ug/L	2	EPA 206.2
Barium	1/7/2004	633	ug/L	10	EPA 200.7
Cadmium	1/22/2004	c<0.4	ug/L	0.2	EPA 213.2
Chromium	1/7/2004	<5	ug/L	1	EPA 200.7
Lead	1/15/2004	<1	ug/L	1	7421
Mercury	1/21/2004	<0.2	ug/L	0.2	EPA 245.1
PCB	1/14/2004	#9999	See Report	0.5	Method 8082
Selenium, GF	1/15/2004	c<10	ug/L	2	EPA 270.2
Semi-Volatile Organics	1/13/2004	#9999	See Report	0.1	SW846 8270
Silver	1/22/2004	<1	ug/L	1	6010B
VOC-Water	1/15/2004	#9999	See Report	0.5	SW846 8021

Approved By:

Project Manager:

Analyses were performed by methods approved by the U.S. Environmental Protection Agency and the Minnesota Department of Health.

Northeast Technical Services, Inc. makes no warranty except that the analysis has been made upon the samples received in accordance with generally accepted testing laboratory principles and practices. The results of the analysis may not be characteristic of the whole from which the sample was taken. This warranty is in lieu of all other warranties either expressed or implied.

"Solutions for Technical Concerns"

MDH Laboratory # 027-137-157

Sample ID: S040071336	Project #: 6368	Sampler: Client	Type: Grab
Client: Army Corp. Of Engineers		Status: Normal	Matrix: Liquid
Study: Consultant		NTS COC No: 39015	
Descript: Van White Blvd		Sampled: 1/6/2004 12:40 PM	
Location: 04-17M-200		Completed: 02/13/2004	

Notes:

DRO extraction date: 01/12/04
c- Elevated reporting limit
** Heavy hydrocarbon compounds detected outside the DRO window.*

Analyte	Analysis Date	Result	Units	RL	Method
DRO	1/12/2004	*0.1	mg/L	0.1	WI Method
GRO	1/8/2004	<0.1	mg/L	0.1	WI Method
Arsenic, GF	1/7/2004	<2	ug/L	2	EPA 206.2
Barium	1/7/2004	208	ug/L	10	EPA 200.7
Cadmium	1/22/2004	c<0.4	ug/L	0.2	EPA 213.2
Chromium	1/7/2004	<5	ug/L	1	EPA 200.7
Lead	1/15/2004	<1	ug/L	1	7421
Mercury	1/21/2004	<0.2	ug/L	0.2	EPA 245.1
PCB	1/14/2004	#9999	See Report	0.5	Method 8082
Selenium, GF	1/15/2004	c<10	ug/L	2	EPA 270.2
Semi-Volatile Organics	1/13/2004	#9999	See Report	0.1	SW846 8270
Silver	1/22/2004	<1	ug/L	1	6010B
VOC-Water	1/15/2004	#9999	See Report	0.5	SW846 8021

Approved By:

Project Manager:

Analyses were performed by methods approved by the U.S. Environmental Protection Agency and the Minnesota Department of Health.

Northeast Technical Services, Inc. makes no warranty except that the analysis has been made upon the samples received in accordance with generally accepted testing laboratory principles and practices. The results of the analysis may not be characteristic of the whole from which the sample was taken. This warranty is in lieu of all other warranties either expressed or implied.

"Solutions for Technical Concerns"

MDH Laboratory # 027-137-157

Sample ID:	S040071337	Project #:	6368	Sampler: Client	Type: Grab
Client:	Army Corp. Of Engineers			Status: Normal	Matrix: Liquid
Study:	Consultant			NTS COC No: 39015	
Descript:	Van White Blvd			Sampled: 1/6/2004 12:40 PM	
Location:	04-17M-MS			Completed: 02/13/2004	

Notes:

DRO extraction date: 01/12/04
c- Elevated reporting limit
** Heavy hydrocarbon compounds detected outside the DRO window.*

Analyte	Analysis Date	Result	Units	RL	Method
DRO	1/12/2004	*0.14	mg/L	0.1	WI Method
GRO	1/8/2004	<0.1	mg/L	0.1	WI Method
Arsenic, GF	1/15/2004	<2	ug/L	2	EPA 206.2
Barium	1/7/2004	206	ug/L	10	EPA 200.7
Cadmium	1/22/2004	c<0.4	ug/L	0.2	EPA 213.2
Chromium	1/7/2004	<5	ug/L	1	EPA 200.7
Lead	1/15/2004	<1	ug/L	1	7421
Mercury	1/21/2004	<0.2	ug/L	0.2	EPA 245.1
PCB	1/14/2004	#9999	See Report	0.5	Method 8082
Selenium, GF	1/15/2004	c<10	ug/L	2	EPA 270.2
Semi-Volatile Organics	1/13/2004	#9999	See Report	0.1	SW846 8270
Silver	1/22/2004	<1	ug/L	1	6010B
VOC-Water	1/15/2004	#9999	See Report	0.5	SW846 8021

Approved By:

Project Manager:

Analyses were performed by methods approved by the U.S. Environmental Protection Agency and the Minnesota Department of Health.

Northeast Technical Services, Inc. makes no warranty except that the analysis has been made upon the samples received in accordance with generally accepted testing laboratory principles and practices. The results of the analysis may not be characteristic of the whole from which the sample was taken. This warranty is in lieu of all other warranties either expressed or implied.

"Solutions for Technical Concerns"

MDH Laboratory # 027-137-157

Sample ID: S040071338	Project #: 6368	Sampler: Client	Type: Grab
Client: Army Corp. Of Engineers		Status: Normal	Matrix: Soil
Study: Consultant		NTS COC No: 39015	
Descript: Van White Blvd		Sampled: 1/5/2004 9:00 AM	
Location: 04-17M-100 (6-8)		Completed: 02/13/2004	

Notes:

DRO extraction date: 01/07/04

r Duplicate analysis not within control limits, = 21%. Arsenic 72%

n- Matrix spike recovery not within control limits arsenic 48% selenium 72%

Analyte	Analysis Date	Result	Units	RL	Method
DRO, Soil	1/8/2004	<10	mg/Kg	10	WI Method
GRO, Soil	1/8/2004	<5	mg/Kg	5	WI Method
Arsenic, Solid	1/14/2004	n r86.6	mg/Kg	0.2	7060A
Barium, Solid	1/14/2004	89	mg/Kg	1	6010B
Cadmium, Solid	1/14/2004	<3	mg/Kg	2	7131
Chromium, Solid	1/14/2004	r 11.3	mg/Kg	1	6010B
Lead, Solid	1/14/2004	2510	mg/Kg	12	7421
Mercury, Solid	1/21/2004	0.6	mg/Kg	0.2	7471
PCB, Solid	1/15/2004	#9999	See Report	0.01	Method 8082
Percent Total Solids	1/7/2004	64	%	0.01	SM 2540G
Selenium, Solid	1/14/2004	n 1.6	mg/Kg	0.2	7740
Semi-Volatile Organics Soil	1/15/2004	#9999	See Report	1	SW846 8270
Silver, Solid	1/14/2004	<6	mg/Kg	4	6010B
VOC, Soil	1/16/2004	#9999	See Report	0.5	SW846 8021

Approved By: _____

Project Manager:

Analyses were performed by methods approved by the U.S. Environmental Protection Agency and the Minnesota Department of Health.

Northeast Technical Services, Inc. makes no warranty except that the analysis has been made upon the samples received in accordance with generally accepted testing laboratory principles and practices. The results of the analysis may not be characteristic of the whole from which the sample was taken. This warranty is in lieu of all other warranties either expressed or implied.

"Solutions for Technical Concerns"

MDH Laboratory # 027-137-157

Sample ID: S04007133A	Project #: 6368	Sampler: Client	Type: Grab
Client: Army Corp. Of Engineers		Status: Normal	Matrix: Liquid
Study: Consultant		NTS COC No: 39015	
Descript: Van White Blvd		Sampled: 1/5/2004 1:40 PM	
Location: 04-19M-100		Completed: 02/13/2004	

Notes:

DRO extraction date: 01/12/04
c- Elevated reporting limit
** Heavy hydrocarbon compounds detected outside the DRO window.*

Analyte	Analysis Date	Result	Units	RL	Method
DRO	1/12/2004	*0.22	mg/L	0.1	WI Method
GRO	1/8/2004	<0.1	mg/L	0.1	WI Method
Arsenic, GF	1/7/2004	2.8	ug/L	2	EPA 206.2
Barium	1/7/2004	936	ug/L	10	EPA 200.7
Cadmium	1/22/2004	c<0.4	ug/L	0.2	EPA 213.2
Chromium	1/7/2004	<5	ug/L	1	EPA 200.7
Lead	1/15/2004	<1	ug/L	1	7421
Mercury	1/21/2004	<0.2	ug/L	0.2	EPA 245.1
PCB	1/14/2004	#9999	See Report	0.5	Method 8082
Selenium, GF	1/15/2004	c<10	ug/L	2	EPA 270.2
Semi-Volatile Organics	1/13/2004	#9999	See Report	0.1	SW846 8270
Silver	1/22/2004	<1	ug/L	1	6010B
VOC-Water	1/15/2004	#9999	See Report	0.5	SW846 8021

Approved By:

Project Manager:

Analyses were performed by methods approved by the U.S. Environmental Protection Agency and the Minnesota Department of Health.

Northeast Technical Services, Inc. makes no warranty except that the analysis has been made upon the samples received in accordance with generally accepted testing laboratory principles and practices. The results of the analysis may not be characteristic of the whole from which the sample was taken. This warranty is in lieu of all other warranties either expressed or implied.

"Solutions for Technical Concerns"

MDH Laboratory # 027-137-157

Sample ID: S04007133B	Project #: 6368	Sampler: Client	Type: Grab
Client: Army Corp. Of Engineers		Status: Normal	Matrix: Liquid
Study: Consultant		NTS COC No: 39015	
Descript: Van White Blvd		Sampled: 1/6/2004 1:40 PM	
Location: 04-17M-400 (Rinseate)		Completed: 02/13/2004	

Notes:

DRO extraction date: 01/12/04
c- Elevated reporting limit

Analyte	Analysis Date	Result	Units	RL	Method
DRO	1/12/2004	<0.1	mg/L	0.1	WI Method
GRO	1/8/2004	<0.1	mg/L	0.1	WI Method
Arsenic, GF	1/7/2004	<2	ug/L	2	EPA 206.2
Barium	1/7/2004	<10	ug/L	10	EPA 200.7
Cadmium	1/22/2004	c<0.4	ug/L	0.2	EPA 213.2
Chromium	1/7/2004	<5	ug/L	1	EPA 200.7
Lead	1/15/2004	<1	ug/L	1	7421
Mercury	1/21/2004	<0.2	ug/L	0.2	EPA 245.1
PCB	1/14/2004	#9999	See Report	0.5	Method 8082
Selenium, GF	1/15/2004	c<10	ug/L	2	EPA 270.2
Semi-Volatile Organics	1/13/2004	#9999	See Report	0.1	SW846 8270
Silver	1/22/2004	<1	ug/L	1	6010B
VOC-Water	1/15/2004	#9999	See Report	0.5	SW846 8021

Approved By:

Project Manager:

Analyses were performed by methods approved by the U.S. Environmental Protection Agency and the Minnesota Department of Health.

Northeast Technical Services, Inc. makes no warranty except that the analysis has been made upon the samples received in accordance with generally accepted testing laboratory principles and practices. The results of the analysis may not be characteristic of the whole from which the sample was taken. This warranty is in lieu of all other warranties either expressed or implied.

"Solutions for Technical Concerns"

MDH Laboratory # 027-137-157

Sample ID: S040071343	Project #: 6368	Sampler: Client	Type: Grab
Client: Army Corp. Of Engineers		Status: Normal	Matrix: Soil
Study: Consultant		NTS COC No: 39015	
Descript: Van White Blvd		Sampled: 1/5/2004 11:15 AM	
Location: 04-18M-100 (8-10')		Completed: 02/13/2004	

Notes:

DRO extraction date: 01/07/04

r Duplicate analysis not within control limits, = 21%. Arsenic 72%

n- Matrix spike recovery not within control limits arsenic 48% selenium 72%

Analyte	Analysis Date	Result	Units	RL	Method
DRO, Soil	1/8/2004	<10	mg/Kg	10	WI Method
GRO, Soil	1/8/2004	<5	mg/Kg	5	WI Method
Arsenic, Solid	1/14/2004	n r 15.1	mg/Kg	0.2	7060A
Barium, Solid	1/14/2004	307	mg/Kg	1	6010B
Cadmium, Solid	1/14/2004	<3	mg/Kg	2	7131
Chromium, Solid	1/14/2004	r 18.3	mg/Kg	1	6010B
Lead, Solid	1/14/2004	942	mg/Kg	12	7421
Mercury, Solid	1/21/2004	1.4	mg/Kg	0.2	7471
PCB, Solid	1/15/2004	#9999	See Report	0.01	Method 8082
Percent Total Solids	1/7/2004	63	%	0.01	SM 2540G
Selenium, Solid	1/14/2004	n 0.4	mg/Kg	0.2	7740
Semi-Volatile Organics Soil	1/15/2004	#9999	See Report	1	SW846 8270
Silver, Solid	1/14/2004	<6	mg/Kg	4	6010B
VOC, Soil	1/16/2004	#9999	See Report	0.5	SW846 8021

Approved By:

Project Manager:

Analyses were performed by methods approved by the U.S. Environmental Protection Agency and the Minnesota Department of Health.

Northeast Technical Services, Inc. makes no warranty except that the analysis has been made upon the samples received in accordance with generally accepted testing laboratory principles and practices. The results of the analysis may not be characteristic of the whole from which the sample was taken. This warranty is in lieu of all other warranties either expressed or implied.

"Solutions for Technical Concerns"

MDH Laboratory # 027-137-157

Sample ID:	S040071344	Project #: 6368	Sampler: Client	Type: Grab	
Client:	Army Corp. Of Engineers		Status: Normal	Matrix: Soil	
Study:	Consultant		NTS COC No: 39015		
Descript:	Van White Blvd		Sampled: 1/5/2004	1:20 PM	
Location:	04-19M-100 (8-10')		Completed: 02/13/2004		

Notes:

DRO extraction date: 01/07/04

** Heavy hydrocarbon compounds detected outside the DRO window.*

r Duplicate analysis not within control limits, = 21%. Arsenic 72%

c Elevated reporting limit due to matrix effects.

n- Matrix spike recovery not within control limits arsenic 48% selenium 72%

Analyte	Analysis Date	Result	Units	RL	Method
DRO, Soil	1/9/2004	*100	mg/Kg	10	WI Method
GRO, Soil	1/8/2004	<5	mg/Kg	5	WI Method
Arsenic, Solid	1/14/2004	n r 15.6	mg/Kg	0.2	7060A
Barium, Solid	1/14/2004	282	mg/Kg	1	6010B
Cadmium, Solid	1/14/2004	37.8	mg/Kg	2	7131
Chromium, Solid	1/14/2004	r 66.2	mg/Kg	1	6010B
Lead, Solid	1/14/2004	2543	mg/Kg	12	7421
Mercury, Solid	1/21/2004	5.6	mg/Kg	0.2	7471
PCB, Solid	1/15/2004	#9999	See Report	0.01	Method 8082
Percent Total Solids	1/7/2004	67	%	0.01	SM 2540G
Selenium, Solid	1/14/2004	n 0.7	mg/Kg	0.2	7740
Semi-Volatile Organics Soil	1/15/2004	#9999	See Report	1	SW846 8270
Silver, Solid	1/14/2004	c<8	mg/Kg	4	6010B
VOC, Soil	1/16/2004	#9999	See Report	0.5	SW846 8021

Approved By:

Project Manager:

Analyses were performed by methods approved by the U.S. Environmental Protection Agency and the Minnesota Department of Health.

Northeast Technical Services, Inc. makes no warranty except that the analysis has been made upon the samples received in accordance with generally accepted testing laboratory principles and practices. The results of the analysis may not be characteristic of the whole from which the sample was taken. This warranty is in lieu of all other warranties either expressed or implied.

"Solutions for Technical Concerns"

MDH Laboratory # 027-137-157

Sample ID: S040071345	Project #: 6368	Sampler: Client	Type: Grab
Client: Army Corp. Of Engineers		Status: Normal	Matrix: Soil
Study: Consultant		NTS COC No: 39015	
Descript: Van White Blvd		Sampled: 1/6/2004 10:30 AM	
Location: 04-17M-200 (6-8')		Completed: 02/13/2004	

Notes:

DRO extraction date: 01/07/04

r Duplicate analysis not within control limits, = 21%. Arsenic 72%

n- Matrix spike recovery not within control limits arsenic 48% selenium 72%

Analyte	Analysis Date	Result	Units	RL	Method
DRO, Soil	1/8/2004	<10	mg/Kg	10	WI Method
GRO, Soil	1/8/2004	<5	mg/Kg	5	WI Method
Arsenic, Solid	1/14/2004	n r6.8	mg/Kg	0.2	7060A
Barium, Solid	1/14/2004	406	mg/Kg	1	6010B
Cadmium, Solid	1/14/2004	<3	mg/Kg	2	7131
Chromium, Solid	1/14/2004	r23	mg/Kg	1	6010B
Lead, Solid	1/14/2004	1630	mg/Kg	12	7421
Mercury, Solid	1/21/2004	0.5	mg/Kg	0.2	7471
PCB, Solid	1/15/2004	#9999	See Report	0.01	Method 8082
Percent Total Solids	1/7/2004	68	%	0.01	SM 2540G
Selenium, Solid	1/14/2004	n0.8	mg/Kg	0.2	7740
Semi-Volatile Organics Soil	1/15/2004	#9999	See Report	1	SW846 8270
Silver, Solid	1/14/2004	<6	mg/Kg	4	6010B
VOC, Soil	1/17/2004	#9999	See Report	0.5	SW846 8021

Approved By:

Project Manager:

Analyses were performed by methods approved by the U.S. Environmental Protection Agency and the Minnesota Department of Health.

Northeast Technical Services, Inc. makes no warranty except that the analysis has been made upon the samples received in accordance with generally accepted testing laboratory principles and practices. The results of the analysis may not be characteristic of the whole from which the sample was taken. This warranty is in lieu of all other warranties either expressed or implied.

"Solutions for Technical Concerns"

MDH Laboratory # 027-137-157

Sample ID: S04007134A	Project #: 6368	Sampler: Client	Type: Grab
Client: Army Corp. Of Engineers		Status: Normal	Matrix: Soil
Study: Consultant		NTS COC No: 39015	
Descript: Van White Blvd		Sampled: 1/5/2004 3:10 PM	
Location: 04-20M-100 (16-17')		Completed: 02/13/2004	

Notes:

DRO extraction date: 01/07/04

r Duplicate analysis not within control limits, = 21%. Arsenic 72%

c Elevated reporting limit due to matrix effects.

n- Matrix spike recovery not within control limits arsenic 48% selenium 72%

Analyte	Analysis Date	Result	Units	RL	Method
DRO, Soil	1/8/2004	<10	mg/Kg	10	WI Method
GRO, Soil	1/8/2004	<5	mg/Kg	5	WI Method
Arsenic, Solid	1/14/2004	n r 1.6	mg/Kg	0.2	7060A
Barium, Solid	1/14/2004	278	mg/Kg	1	6010B
Cadmium, Solid	1/14/2004	<4	mg/Kg	2	7131
Chromium, Solid	1/14/2004	r 2	mg/Kg	1	6010B
Lead, Solid	1/14/2004	<18	mg/Kg	12	7421
Mercury, Solid	1/21/2004	<0.2	mg/Kg	0.2	7471
PCB, Solid	1/15/2004	#9999	See Report	0.01	Method 8082
Percent Total Solids	1/7/2004	57	%	0.01	SM 2540G
Selenium, Solid	1/14/2004	n<0.3	mg/Kg	0.2	7740
Semi-Volatile Organics Soil	1/15/2004	#9999	See Report	1	SW846 8270
Silver, Solid	1/14/2004	c<15	mg/Kg	4	6010B
VOC, Soil	1/17/2004	#9999	See Report	0.5	SW846 8021

Approved By:

Project Manager:

Analyses were performed by methods approved by the U.S. Environmental Protection Agency and the Minnesota Department of Health.

Northeast Technical Services, Inc. makes no warranty except that the analysis has been made upon the samples received in accordance with generally accepted testing laboratory principles and practices. The results of the analysis may not be characteristic of the whole from which the sample was taken. This warranty is in lieu of all other warranties either expressed or implied.

"Solutions for Technical Concerns"

MDH Laboratory # 027-137-157

Sample ID: S04007134B	Project #: 6368	Sampler: Client	Type: Grab
Client: Army Corp. Of Engineers		Status: Normal	Matrix: Soil
Study: Consultant		NTS COC No: 39015	
Descript: Van White Blvd		Sampled: 1/6/2004 10:45 AM	
Location: 04-17M-MS (6-8')		Completed: 02/13/2004	

Notes:

DRO extraction date: 01/07/04

r Duplicate analysis not within control limits, = 21%. Arsenic 72%

n- Matrix spike recovery not within control limits arsenic 48% selenium 72%

Analyte	Analysis Date	Result	Units	RL	Method
DRO, Soil	1/8/2004	<10	mg/Kg	10	WI Method
GRO, Soil	1/8/2004	<5	mg/Kg	5	WI Method
Arsenic, Solid	1/14/2004	n r4.8	mg/Kg	0.2	7060A
Barium, Solid	1/14/2004	46.4	mg/Kg	1	6010B
Cadmium, Solid	1/14/2004	<3	mg/Kg	2	7131
Chromium, Solid	1/14/2004	r7.5	mg/Kg	1	6010B
Lead, Solid	1/14/2004	255	mg/Kg	12	7421
Mercury, Solid	1/21/2004	<0.2	mg/Kg	0.2	7471
PCB, Solid	1/15/2004	#9999	See Report	0.01	Method 8082
Percent Total Solids	1/7/2004	73	%	0.01	SM 2540G
Selenium, Solid	1/14/2004	n0.6	mg/Kg	0.2	7740
Semi-Volatile Organics Soil	1/15/2004	#9999	See Report	1	SW846 8270
Silver, Solid	1/14/2004	<6	mg/Kg	4	6010B
VOC, Soil	1/17/2004	#9999	See Report	0.5	SW846 8021

Approved By: _____

Project Manager:

Analyses were performed by methods approved by the U.S. Environmental Protection Agency and the Minnesota Department of Health.

Northeast Technical Services, Inc. makes no warranty except that the analysis has been made upon the samples received in accordance with generally accepted testing laboratory principles and practices. The results of the analysis may not be characteristic of the whole from which the sample was taken. This warranty is in lieu of all other warranties either expressed or implied.

QUALITY ASSURANCE REPORT: VOLATILE ORGANIC COMPOUNDS

Client: U.S. Corps of Engineers
Project: Van White Blvd
COC#: 39015
Collection Date: January 5 and 6, 2004
Analysis Dates: January 15, 16 and 17, 2004

Blank Analysis: Analysis of the Laboratory and Trip Blank samples associated with this facility did not indicate the presence of VOCs above the reporting limit.

Accuracy: The recovery values for the VOC daily calibration check standards and Laboratory control spike was within the overall QC criteria. Compounds that did not meet the QC criteria are flagged on the report.

Surrogates: Each sample is spiked with 10 ppb of fluorobenzene and 1,4-dichlorobutane. The surrogate recoveries are listed on the VOC report for each sample (the last two parameters). The recoveries that did not meet the QC criteria are flagged on the report.

Precision: Precision is reported as the relative percent difference (RPD) of the Matrix Spike and Matrix Spike Duplicate samples. One of the samples spiked was not from this sample set. The RPD's for the Matrix Spike Duplicate samples can be seen in the tables attached.

Compound Verification: Two samples from this sample set were analyzed using a mass spectrometer for verification of the compounds detected by method 8021. These samples were 04-19M-100 (8-10) and 04-17M-200 (6-8'). Results confirmed all of the compounds detected by method 8021 to be present in the samples, with the exception of the compounds n-butylbenzene, and tetrahydrofuran.

QUALITY ASSURANCE REPORT: VOLATILE ORGANIC COMPOUNDS

Date: 01/15/04

Sample I.D.: **QC Pack:** 2-011504-1

S04013100B

	DF	Sample Conc ug/L		CCV 1 % Rec	CCV 2 % Rec	Matrix Spike %	Matrix Spike Duplicate (%)	RPD %
Allyl Chloride	100	<	100	80	93	97	103	5.6
Bromobenzene	100	<	100	100	90	96	100	3.6
Bromochloromethane	100	<	100	103	99	100	106	6.0
Bromodichloromethane	100	<	100	103	95	98	102	3.7
Bromoform	100	<	100	99	98	107	108	0.9
Bromomethane	100	<	400	90	93	98	106	8.2
Carbon Tetrachloride	100	<	100	92	97	100	104	4.0
Chlorobenzene	100	<	100	94	89	94	97	3.9
Chloroethane	100	<	200	91	90	96	105	9.5
Chloroform	100	<	100	101	96	101	106	4.2
Chloromethane	100	<	400	110	98	103	113	9.5
2-Chlorotoluene	100	<	100	93	91	95	97	2.2
4-Chlorotoluene	100	<	100	96	92	97	101	3.9
Dibromochloromethane	100	<	100	96	93	99	100	1.2
1,2-Dibromo-3-chloropropane	100	<	200	94	88	101	99	1.8
1,2-Dibromoethane	100	<	100	99	95	98	103	5.5
Dibromomethane	100	<	100	112	99	96	104	7.7
1,2-Dichlorobenzene	100	<	100	95	89	95	98	3.5
1,3-Dichlorobenzene	100	<	100	94	89	94	98	3.8
1,4-Dichlorobenzene	100	<	100	94	89	95	98	3.4
Dichlorodifluoromethane	100	<	200	100	94	108	109	1.4
1,1-Dichloroethane	100	<	100	98	94	97	102	5.2
1,2-Dichloroethane	100		500	99	99	109	111	0.9
1,1-Dichloroethylene	100	<	100	86	92	94	98	4.2
Cis-1,2-Dichloroethylene	100	<	100	97	90	94	98	4.8
Trans-1,2-Dichloroethylene	100	<	100	95	91	97	101	3.8
Dichlorofluoromethane	100	<	200	95	92	94	96	2.5
1,2-Dichloropropane	100	<	100	98	96	99	103	4.2
1,3-Dichloropropane	100	<	100	100	95	103	104	0.5
2,2-Dichloropropane	100	<	100	111	96	96	102	6.1
1,1-Dichloropropene	100	<	100	88	90	93	97	3.9
Cis-1,3-Dichloropropene	100	<	100	88	90	98	106	7.7
Trans-1,3-Dichloropropene	100	<	100	85	91	96	98	2.8
Hexachlorobutadiene	100	<	100	92	90	93	97	4.9
Methylene Chloride	100	<	200	100	96	100	105	4.1
1,1,1,2-Tetrachloroethane	100	<	100	97	96	101	106	4.9
1,1,2,2-Tetrachloroethane	100	<	100	103	91	104	106	1.5
Tetrachloroethylene	100	<	100	91	90	92	94	2.7
1,2,3-Trichlorobenzene	100	<	200	100	86	89	94	5.2
1,2,4-Trichlorobenzene	100	<	200	98	88	93	97	4.0

QUALITY ASSURANCE REPORT: VOLATILE ORGANIC COMPOUNDS

Sample I.D.:
S04013100B

Date: 01/15/04
QC Pack: 2-011504-1

	DF	Sample Conc ug/L		CCV 1 % Rec	CCV 2 % Rec	Matrix Spike %	Matrix Spike Duplicate (%)	RPD %
1,1,1-Trichloroethane	100	<	100	95	97	99	103	4.1
1,1,2-Trichloroethane	100	<	100	106	98	104	104	0.3
Trichloroethylene	100	<	100	91	90	92	96	4.1
Trichlorofluoromethane	100	<	200	104	96	101	103	1.5
1,2,3-Trichloropropane	100	<	100	99	93	100	101	1.7
1,1,2-Trichlorotrifluoroethane	100	<	100	87	94	100	104	3.4
Vinyl Chloride	100	<	100	100	97	104	112	7.9
Acetone	100	<	3000	112	146	93	96	2.3
Benzene	100		9900	98	90	100	86	1.3
n-Butylbenzene	100	<	100	94	89	93	96	3.3
sec-Butylbenzene	100	<	100	88	89	94	97	3.9
tert-Butylbenzene	100	<	100	89	89	94	97	3.7
Isopropylbenzene (Cumene)	100	<	100	85	89	95	98	3.2
Ethyl Benzene	100		780	96	90	97	99	1.2
Ethyl Ether	100		620	90	92	102	100	1.1
p-Isopropyltoluene	100	<	100	94	89	94	97	3.7
Methyl Ethyl Ketone	100	<	1000	96	110	98	98	0.2
Methyl Isobutyl Ketone	100	<	1000	98	93	102	103	1.4
Methyl tert-butyl ether	100	<	100	96	92	97	99	2.1
n-Propylbenzene	100	<	100	88	89	94	98	3.8
Naphthalene	100	<	200	103	86	95	99	3.8
Styrene	100	<	200	95	90	87	90	2.7
Tetrahydrofuran	100	<	200	94	85	249	239	4.0
Toluene	100		13000	96	90	101	78	1.6
1,2,4-Trimethylbenzene	100	<	100	97	89	94	98	4.0
1,3,5-Trimethylbenzene	100	<	100	95	89	95	100	5.3
m-Xylene & p-Xylene	100		890	94	90	94	97	2.0
o-Xylene	100		1100	95	90	104	107	1.6

QUALITY ASSURANCE REPORT: VOLATILE ORGANIC COMPOUNDS

Date: 01/16/04
QC Pack: 2-011604-2

Sample I.D.:
S04007134B

	DF	Sample Conc ug/L		CCV 2 % Rec	CCV 3 % Rec	Matrix Spike %	Matrix Spike Duplicate (%)	RPD %
Allyl Chloride	1.0	<	150	107	105	105	106	0.8
Bromobenzene	1.0	<	50	99	98	99	100	0.3
Bromochloromethane	1.0	<	50	113	108	108	111	2.3
Bromodichloromethane	1.0	<	50	104	106	106	107	0.6
Bromoform	1.0	<	50	107	117	110	121	9.4
Bromomethane	1.0	<	60	109	112	115	114	0.7
Carbon Tetrachloride	1.0	<	50	110	109	111	112	0.4
Chlorobenzene	1.0	<	50	98	98	99	99	0.1
Chloroethane	1.0	<	150	101	101	111	107	4.1
Chloroform	1.0	<	50	111	110	112	112	0.7
Chloromethane	1.0	<	200	114	118	119	132	10.1
2-Chlorotoluene	1.0	<	50	100	98	98	100	1.9
4-Chlorotoluene	1.0	<	50	110	105	103	113	9.1
Dibromochloromethane	1.0	<	50	102	111	101	106	4.3
1,2-Dibromo-3-chloropropane	1.0	<	100	114	116	102	119	15.0
1,2-Dibromoethane	1.0	<	50	112	119	91	106	15.1
Dibromomethane	1.0	<	50	108	107	108	111	2.6
1,2-Dichlorobenzene	1.0	<	50	98	98	98	98	0.7
1,3-Dichlorobenzene	1.0	<	50	98	97	97	97	0.7
1,4-Dichlorobenzene	1.0	<	50	98	98	94	95	0.9
Dichlorodifluoromethane	1.0	<	100	122	123	119	139	15.5
1,1-Dichloroethane	1.0	<	60	106	109	107	110	2.7
1,2-Dichloroethane	1.0	<	50	109	111	110	113	1.9
1,1-Dichloroethylene	1.0	<	150	102	102	103	104	1.1
Cis-1,2-Dichloroethylene	1.0	<	50	101	100	100	100	0.0
Trans-1,2-Dichloroethylene	1.0	<	100	100	100	101	101	0.0
Dichlorofluoromethane	1.0	<	100	102	102	102	99	2.8
1,2-Dichloropropane	1.0	<	50	108	107	108	109	0.6
1,3-Dichloropropane	1.0	<	50	109	110	107	110	2.8
2,2-Dichloropropane	1.0	<	60	106	92	97	91	5.6
1,1-Dichloropropene	1.0	<	50	100	98	100	100	0.1
Cis-1,3-Dichloropropene	1.0	<	50	99	96	103	102	1.2
Trans-1,3-Dichloropropene	1.0	<	50	100	97	99	99	0.2
Hexachlorobutadiene	1.0	<	60	99	96	88	94	6.6
Methylene Chloride	1.0	<	100	107	110	109	111	1.3
1,1,1,2-Tetrachloroethane	1.0	<	50	105	112	112	112	0.1
1,1,2,2-Tetrachloroethane	1.0	<	100	109	100	110	119	7.6
Tetrachloroethylene	1.0	<	50	98	97	94	94	0.2
1,2,3-Trichlorobenzene	1.0	<	60	102	103	96	102	6.0
1,2,4-Trichlorobenzene	1.0	<	50	99	98	93	96	3.6

QUALITY ASSURANCE REPORT: VOLATILE ORGANIC COMPOUNDS

Sample I.D.:
S04007134B

Date: 01/16/04
QC Pack: 2-011604-2

	DF	Sample Conc ug/L	CCV 2 % Rec	CCV 3 % Rec	Matrix Spike %	Matrix Spike Duplicate (%)	RPD %
1,1,1-Trichloroethane	1.0	< 60	108	111	110	110	0.5
1,1,2-Trichloroethane	1.0	< 50	110	111	110	110	0.3
Trichloroethylene	1.0	< 50	99	103	94	95	0.3
Trichlorofluoromethane	1.0	< 150	114	116	110	111	1.7
1,2,3-Trichloropropane	1.0	< 50	109	110	110	116	4.9
1,1,2-Trichlorotrifluoroethane	1.0	< 150	108	109	109	111	2.0
Vinyl Chloride	1.0	< 100	112	115	111	120	7.5
Acetone	1.0	< 1500	198	236	113	126	8.2
Benzene	1.0	< 50	100	99	101	101	0.7
n-Butylbenzene	1.0	< 50	95	93	92	95	2.6
sec-Butylbenzene	1.0	< 50	98	96	97	98	1.1
tert-Butylbenzene	1.0	< 50	98	98	99	99	0.8
Isopropylbenzene (Cumene)	1.0	< 50	98	97	98	98	0.1
Ethyl Benzene	1.0	< 50	99	98	100	100	0.1
Ethyl Ether	1.0	< 100	102	103	101	103	1.8
p-Isopropyltoluene	1.0	< 50	97	97	97	99	1.4
Methyl Ethyl Ketone	1.0	< 800	161	179	103	112	6.7
Methyl Isobutyl Ketone	1.0	< 200	106	113	109	109	0.1
Methyl tert-butyl ether	1.0	< 50	102	102	101	101	0.3
n-Propylbenzene	1.0	< 50	98	97	97	98	0.9
Naphthalene	1.0	< 100	104	108	94	99	4.6
Styrene	1.0	< 150	98	98	98	98	0.4
Tetrahydrofuran	1.0	< 50	97	97	92	92	0.1
Toluene	1.0	< 50	99	99	99	99	0.1
1,2,4-Trimethylbenzene	1.0	< 50	98	97	97	98	0.3
1,3,5-Trimethylbenzene	1.0	< 50	97	97	98	98	0.5
m-Xylene & p-Xylene	1.0	< 100	99	98	99	99	0.3
o-Xylene	1.0	< 50	99	99	100	99	0.2

QUALITY ASSURANCE REPORT: VOLATILE ORGANIC COMPOUNDS

Date: 01/20/04
QC Pack: 2-012004-1

Sample I.D.:
S040071337

	DF	Sample Conc ug/L		CCV 1 % Rec	CCV 2 % Rec	Matrix Spike %	Matrix Spike Duplicate (%)	RPD %
Allyl Chloride	1.0	<	1.0	123	128	104	104	0.1
Bromobenzene	1.0	<	1.0	94	96	80	80	0.2
Bromochloromethane	1.0	<	1.0	118	124	100	101	0.5
Bromodichloromethane	1.0	<	1.0	117	121	99	99	0.3
Bromoform	1.0	<	1.0	123	128	107	104	2.7
Bromomethane	1.0	<	4.0	112	122	92	92	0.1
Carbon Tetrachloride	1.0	<	1.0	120	123	102	104	1.5
Chlorobenzene	1.0	<	1.0	124	124	105	104	0.9
Chloroethane	1.0	<	2.0	105	109	92	93	1.6
Chloroform	1.0	<	1.0	120	124	101	102	0.5
Chloromethane	1.0	<	4.0	108	110	89	91	3.1
2-Chlorotoluene	1.0	<	1.0	95	97	82	82	0.8
4-Chlorotoluene	1.0	<	1.0	119	120	103	103	0.1
Dibromochloromethane	1.0	<	1.0	115	120	98	98	0.5
1,2-Dibromo-3-chloropropane	1.0	<	2.0	116	143	103	107	3.2
1,2-Dibromoethane	1.0	<	1.0	117	124	101	102	0.6
Dibromomethane	1.0	<	1.0	118	125	101	103	2.1
1,2-Dichlorobenzene	1.0	<	1.0	94	96	80	81	0.4
1,3-Dichlorobenzene	1.0	<	1.0	94	95	81	81	0.2
1,4-Dichlorobenzene	1.0	<	1.0	94	96	81	81	0.4
Dichlorodifluoromethane	1.0	<	2.0	105	118	88	92	4.6
1,1-Dichloroethane	1.0	<	1.0	118	121	99	97	1.9
1,2-Dichloroethane	1.0	<	1.0	121	127	103	104	0.5
1,1-Dichloroethylene	1.0	<	1.0	96	97	81	80	0.8
Cis-1,2-Dichloroethylene	1.0	<	1.0	131	129	107	106	0.8
Trans-1,2-Dichloroethylene	1.0	<	1.0	96	97	81	80	0.7
Dichlorofluoromethane	1.0	<	2.0	103	123	85	89	4.8
1,2-Dichloropropane	1.0	<	1.0	118	120	99	99	0.4
1,3-Dichloropropane	1.0	<	1.0	119	126	103	102	0.4
2,2-Dichloropropane	1.0	<	1.0	132	136	124	124	0.4
1,1-Dichloropropene	1.0	<	1.0	96	96	82	81	1.3
Cis-1,3-Dichloropropene	1.0	<	1.0	99	98	82	80	2.6
Trans-1,3-Dichloropropene	1.0	<	1.0	98	101	84	83	1.1
Hexachlorobutadiene	1.0	<	1.0	100	98	114	115	0.9
Methylene Chloride	1.0	<	2.0	119	125	101	101	0.2
1,1,1,2-Tetrachloroethane	1.0	<	1.0	120	121	102	100	1.6
1,1,2,2-Tetrachloroethane	1.0	<	1.0	122	134	108	108	0.0
Tetrachloroethylene	1.0	<	1.0	94	95	81	81	0.2
1,2,3-Trichlorobenzene	1.0	<	2.0	95	107	87	91	4.1
1,2,4-Trichlorobenzene	1.0	<	2.0	96	100	85	87	1.9

QUALITY ASSURANCE REPORT: VOLATILE ORGANIC COMPOUNDS

Date: 01/20/04
QC Pack: 2-012004-1

Sample I.D.:
S040071337

	DF	Sample Conc ug/L		CCV 1 % Rec	CCV 2 % Rec	Matrix Spike %	Matrix Spike Duplicate (%)	RPD %
1,1,1-Trichloroethane	1.0	<	1.0	120	122	101	101	0.2
1,1,2-Trichloroethane	1.0	<	1.0	120	127	104	103	0.8
Trichloroethylene	1.0	<	1.0	114	117	96	96	0.2
Trichlorofluoromethane	1.0	<	2.0	120	135	99	103	4.3
1,2,3-Trichloropropane	1.0	<	1.0	116	130	105	104	0.4
1,1,2-Trichlorotrifluoroethane	1.0	<	1.0	123	130	108	110	1.1
Vinyl Chloride	1.0	<	1.0	111	119	98	99	1.4
Acetone	1.0	<	30	171	113	90	88	1.8
Benzene	1.0	<	1.0	95	96	80	79	0.9
n-Butylbenzene	1.0	<	1.0	96	94	90	91	1.1
sec-Butylbenzene	1.0	<	1.0	95	95	86	86	0.4
tert-Butylbenzene	1.0	<	1.0	95	95	83	84	0.2
Isopropylbenzene (Cumene)	1.0	<	1.0	94	95	81	81	0.6
Ethyl Benzene	1.0	<	1.0	95	95	81	80	0.6
Ethyl Ether	1.0	<	1.0	96	102	82	81	0.8
p-Isopropyltoluene	1.0	<	1.0	95	95	86	86	0.5
Methyl Ethyl Ketone	1.0	<	10	143	115	89	81	10.1
Methyl Isobutyl Ketone	1.0	<	10	105	109	95	95	0.2
Methyl tert-butyl ether	1.0	<	1.0	96	103	84	83	2.0
n-Propylbenzene	1.0	<	1.0	95	95	83	83	0.0
Naphthalene	1.0	<	2.0	95	109	88	91	3.7
Styrene	1.0	<	2.0	94	95	80	79	0.9
Tetrahydrofuran	1.0	<	2.0	91	99	89	78	12.5
Toluene	1.0	<	1.0	95	96	80	79	0.8
1,2,4-Trimethylbenzene	1.0	<	1.0	95	95	82	82	0.5
1,3,5-Trimethylbenzene	1.0	<	1.0	95	94	81	82	0.5
m-Xylene & p-Xylene	1.0	<	2.0	95	96	81	81	0.4
o-Xylene	1.0	<	1.0	95	96	80	80	0.6

Northeast Technical Services, Inc.
Data Qualifier List

b	Analyte detected in the method blank.
c	Elevated Reporting Limit.
d	Analyte value from diluted sample.
f	Surrogate results not within control limits.
h	Extraction or Analysis performed past hold time.
j	Estimated value. The analyte has been detected above the detection limit and below the reporting limit.
n	Matrix Spike recovery not within control limits.
p	pH > 2. Analysis performed past 7 day hold time.
a	Laboratory Control Spike not within control limits.
r	Duplicate analysis not within control limits.
e	Estimated value. Sample result above calibration range.

Northeast Technical Services, Inc.

315 Chestnut Street, P.O. Box 1142, Virginia, Minnesota 55792, (218) 741-4290

Analytical Report

Lab Number:	**S040071338**	**Date Collected:**	01/05/2004
Sample Description:	**U.S. Corps of Engineers**	**Date Received:**	01/07/2004
	Van White Blvd	**Date VOC Analyzed:**	01/16/2004
	04-17M-100 (6-8')	**Date Reported:**	01/19/2004
		Reported By:	MES
COC #:	**39015**	**VOC QC Pack:**	2-011604-2
NTS Project #:	**6368**		
Matrix: Soil		**MDH Laboratory #**	027-137-157

Parameter	Units	DF	Result	RL	MDL
Allyl Chloride	ug/Kg	1.0	< 150	150	8.2
Bromobenzene	ug/Kg	1.0	< 50	50	6.0
Bromochloromethane	ug/Kg	1.0	< 50	50	10
Bromodichloromethane	ug/Kg	1.0	< 50	50	21
Bromoform	ug/Kg	1.0	< 50	50	26
Bromomethane	ug/Kg	1.0	< 60	60	9.0
Carbon Tetrachloride	ug/Kg	1.0	< 50	50	13
Chlorobenzene	ug/Kg	1.0	< 50	50	16
Chloroethane	ug/Kg	1.0	< 150	150	7.1
Chloroform	ug/Kg	1.0	< 50	50	14
Chloromethane	ug/Kg	1.0	< 200	200	42
2-Chlorotoluene	ug/Kg	1.0	< 50	50	11
4-Chlorotoluene	ug/Kg	1.0	< 50	50	10
Dibromochloromethane	ug/Kg	1.0	< 50	50	12
1,2-Dibromo-3-chloropropane	ug/Kg	1.0	< 100	100	13
1,2-Dibromoethane	ug/Kg	1.0	< 50	50	6.2
Dibromomethane	ug/Kg	1.0	< 50	50	6.2
1,2-Dichlorobenzene	ug/Kg	1.0	< 50	50	10
1,3-Dichlorobenzene	ug/Kg	1.0	< 50	50	4.3
1,4-Dichlorobenzene	ug/Kg	1.0	< 50	50	24
Dichlorodifluoromethane	ug/Kg	1.0	< 100	100	26
1,1-Dichloroethane	ug/Kg	1.0	< 60	60	29
1,2-Dichloroethane	ug/Kg	1.0	< 50	50	8.1
1,1-Dichloroethylene	ug/Kg	1.0	< 150	150	10
Cis-1,2-Dichloroethylene	ug/Kg	1.0	< 50	50	11
Trans-1,2-Dichloroethylene	ug/Kg	1.0	< 100	100	16
Dichlorofluoromethane	ug/Kg	1.0	< 100	100	9.2
1,2-Dichloropropane	ug/Kg	1.0	< 50	50	15
1,3-Dichloropropane	ug/Kg	1.0	< 50	50	16
2,2-Dichloropropane	ug/Kg	1.0	< 60	60	12

Northeast Technical Services, Inc.

315 Chestnut Street, P.O. Box 1142, Virginia, Minnesota 55792, (218) 741-4290

Analytical Report

Lab Number:	**S040071338**	**Date Collected:**	01/05/2004
Sample Description:	**U.S. Corps of Engineers**	**Date Received:**	01/07/2004
	Van White Blvd	**Date VOC Analyzed:**	01/16/2004
	04-17M-100 (6-8')	**Date Reported:**	01/19/2004
		Reported By:	MES
COC #:	**39015**	**VOC QC Pack:**	2-011604-2
NTS Project #:	6368		
Matrix: Soil		**MDH Laboratory #**	027-137-157

Parameter	Units	DF	Result	RL	MDL
1,1-Dichloropropene	ug/Kg	1.0	< 50	50	10
Cis-1,3-Dichloropropene	ug/Kg	1.0	< 50	50	10
Trans-1,3-Dichloropropene	ug/Kg	1.0	< 50	50	9.4
Hexachlorobutadiene	ug/Kg	1.0	< 60	60	19
Methylene Chloride	ug/Kg	1.0	< 100	100	34
1,1,1,2-Tetrachloroethane	ug/Kg	1.0	< 50	50	21
1,1,2,2-Tetrachloroethane	ug/Kg	1.0	< 100	100	63
Tetrachloroethylene	ug/Kg	1.0	< 50	50	15
1,2,3-Trichlorobenzene	ug/Kg	1.0	< 60	60	30
1,2,4-Trichlorobenzene	ug/Kg	1.0	< 50	50	12
1,1,1-Trichloroethane	ug/Kg	1.0	< 60	60	12
1,1,2-Trichloroethane	ug/Kg	1.0	< 50	50	3.2
Trichloroethylene	ug/Kg	1.0	< 50	50	9.1
Trichlorofluoromethane	ug/Kg	1.0	< 150	150	16
1,2,3-Trichloropropane	ug/Kg	1.0	< 50	50	9.3
1,1,2-Trichlorotrifluoroethane	ug/Kg	1.0	< 150	150	10
Vinyl Chloride	ug/Kg	1.0	< 100	100	39
Acetone	ug/Kg	1.0	< 1500	1500	120
Benzene	ug/Kg	1.0	< 50	50	6.8
n-Butylbenzene	ug/Kg	1.0	< 50	50	8.3
sec-Butylbenzene	ug/Kg	1.0	< 50	50	2.9
tert-Butylbenzene	ug/Kg	1.0	< 50	50	4.8
Isopropylbenzene (Cumene)	ug/Kg	1.0	< 50	50	3.1
Ethyl Benzene	ug/Kg	1.0	< 50	50	2.2
Ethyl Ether	ug/Kg	1.0	< 100	100	8.8
p-Isopropyltoluene	ug/Kg	1.0	< 50	50	3.3
Methyl Ethyl Ketone	ug/Kg	1.0	< 800	800	190
Methyl Isobutyl Ketone	ug/Kg	1.0	< 200	200	95
Methyl tert-butyl ether	ug/Kg	1.0	< 50	50	6.4
n-Propylbenzene	ug/Kg	1.0	< 50	50	3.0

Northeast Technical Services, Inc.

315 Chestnut Street, P.O. Box 1142, Virginia, Minnesota 55792, (218) 741-4290

Analytical Report

Lab Number:	**S040071338**	**Date Collected:**	01/05/2004
Sample Description:	**U.S. Corps of Engineers**	**Date Received:**	01/07/2004
	Van White Blvd	**Date VOC Analyzed:**	01/16/2004
	04-17M-100 (6-8')	**Date Reported:**	01/19/2004
		Reported By:	MES
COC #:	**39015**	**VOC QC Pack:**	2-011604-2
NTS Project #:	**6368**		
Matrix: Soil		**MDH Laboratory #**	027-137-157

Parameter	Units	DF	Result	RL	MDL	
Naphthalene	ug/Kg	1.0	< 100	100	37	
Styrene	ug/Kg	1.0	< 150	150	20	
Tetrahydrofuran	ug/Kg	1.0	< 50	50	37	
Toluene	ug/Kg	1.0	< 50	50	7.6	
1,2,4-Trimethylbenzene	ug/Kg	1.0	< 50	50	5.8	
1,3,5-Trimethylbenzene	ug/Kg	1.0	< 50	50	17	
m-Xylene & p-Xylene	ug/Kg	1.0	< 100	100	7.4	
o-Xylene	ug/Kg	1.0	< 50	50	2.2	
Fluorobenzene (Surrogate Recovery)	%		97			
1,4-Dichlorobutane (Surrogate Recovery)	%		79			f
Moisture	%		36			

VOCs analyzed according to SW846 8021 (MDH 465 Compound List).
MDL = Method Detection Limit
RL = Reporting Limit (Practical quantitation limit)
DF = Dilution Factor

Report approved by: _____ Analytical Chemist

Northeast Technical Services, Inc., makes no warranty except that the analysis has been made upon the samples received in accordance with generally accepted testing laboratory principles and practices. The results of the analysis may not be characteristic of the whole from which the sample was taken. This warranty is in lieu of all other warranties, either expressed or implied.

Northeast Technical Services, Inc.

315 Chestnut Street, P.O. Box 1142, Virginia, Minnesota 55792, (218) 741-4290

Analytical Report

Lab Number:	**S040071309**	**Date Collected:**	01/05/2004
Sample Description:	**U.S. Corps of Engineers**	**Date Received:**	01/07/2004
	Van White Blvd	**Date VOC Analyzed:**	01/15/2004
	04-17M-100	**Date Reported:**	01/19/2004
		Reported By:	MES
COC #:	**39015**	**VOC QC Pack:**	2-011504-1
NTS Project #:	**6368**		
Matrix: Water		**MDH Laboratory #**	027-137-157
		Sample pH:	< 2

Parameter	Units	DF	Result	RL	MDL	
Allyl Chloride	ug/L	1.0	< 1.0	1.0	0.4	a
Bromobenzene	ug/L	1.0	< 1.0	1.0	0.9	
Bromochloromethane	ug/L	1.0	< 1.0	1.0	0.5	
Bromodichloromethane	ug/L	1.0	< 1.0	1.0	0.5	
Bromoform	ug/L	1.0	< 1.0	1.0	0.4	
Bromomethane	ug/L	1.0	< 4.0	4.0	1.0	
Carbon Tetrachloride	ug/L	1.0	< 1.0	1.0	0.5	
Chlorobenzene	ug/L	1.0	< 1.0	1.0	0.6	
Chloroethane	ug/L	1.0	< 2.0	2.0	0.4	
Chloroform	ug/L	1.0	< 1.0	1.0	0.6	
Chloromethane	ug/L	1.0	< 4.0	4.0	0.5	
2-Chlorotoluene	ug/L	1.0	< 1.0	1.0	0.5	
4-Chlorotoluene	ug/L	1.0	< 1.0	1.0	0.4	
Dibromochloromethane	ug/L	1.0	< 1.0	1.0	0.3	
1,2-Dibromo-3-chloropropane	ug/L	1.0	< 2.0	2.0	0.3	
1,2-Dibromoethane	ug/L	1.0	< 1.0	1.0	0.3	
Dibromomethane	ug/l	1.0	< 1.0	1.0	0.5	
1,2-Dichlorobenzene	ug/L	1.0	< 1.0	1.0	0.4	
1,3-Dichlorobenzene	ug/L	1.0	< 1.0	1.0	0.9	
1,4-Dichlorobenzene	ug/L	1.0	< 1.0	1.0	0.8	
Dichlorodifluoromethane	ug/L	1.0	< 2.0	2.0	1.0	
1,1-Dichloroethane	ug/L	1.0	< 1.0	1.0	0.5	
1,2-Dichloroethane	ug/L	1.0	< 1.0	1.0	0.5	
1,1-Dichloroethylene	ug/L	1.0	< 1.0	1.0	0.4	
Cis-1,2-Dichloroethylene	ug/L	1.0	< 1.0	1.0	0.5	
Trans-1,2-Dichloroethylene	ug/L	1.0	< 1.0	1.0	0.6	
Dichlorofluoromethane	ug/L	1.0	< 2.0	2.0	0.6	
1,2-Dichloropropane	ug/L	1.0	< 1.0	1.0	0.5	
1,3-Dichloropropane	ug/L	1.0	< 1.0	1.0	0.5	
2,2-Dichloropropane	ug/L	1.0	< 1.0	1.0	0.3	

Northeast Technical Services, Inc.

315 Chestnut Street, P.O. Box 1142, Virginia, Minnesota 55792, (218) 741-4290

Analytical Report

Lab Number:	**S040071309**	**Date Collected:**	01/05/2004
Sample Description:	**U.S. Corps of Engineers**	**Date Received:**	01/07/2004
	Van White Blvd	**Date VOC Analyzed:**	01/15/2004
	04-17M-100	**Date Reported:**	01/19/2004
		Reported By:	MES
COC #:	**39015**	**VOC QC Pack:**	2-011504-1
NTS Project #:	**6368**		
Matrix: Water		**MDH Laboratory #**	027-137-157
		Sample pH:	< 2

Parameter	Units	DF	Result	RL	MDL
1,1-Dichloropropene	ug/L	1.0	< 1.0	1.0	0.5
Cis-1,3-Dichloropropene	ug/L	1.0	< 1.0	1.0	0.4
Trans-1,3-Dichloropropene	ug/L	1.0	< 1.0	1.0	0.3
Hexachlorobutadiene	ug/L	1.0	< 1.0	1.0	0.7
Methylene Chloride	ug/L	1.0	< 2.0	2.0	0.6
1,1,1,2-Tetrachloroethane	ug/L	1.0	< 1.0	1.0	0.6
1,1,2,2-Tetrachloroethane	ug/L	1.0	< 1.0	1.0	0.4
Tetrachloroethylene	ug/L	1.0	< 1.0	1.0	0.5
1,2,3-Trichlorobenzene	ug/L	1.0	< 2.0	2.0	0.7
1,2,4-Trichlorobenzene	ug/L	1.0	< 2.0	2.0	1.3
1,1,1-Trichloroethane	ug/L	1.0	< 1.0	1.0	0.5
1,1,2-Trichloroethane	ug/L	1.0	< 1.0	1.0	0.6
Trichloroethylene	ug/L	1.0	< 1.0	1.0	0.6
Trichlorofluoromethane	ug/L	1.0	< 2.0	2.0	0.5
1,2,3-Trichloropropane	ug/L	1.0	< 1.0	1.0	0.4
1,1,2-Trichlorotrifluoroethane	ug/L	1.0	< 1.0	1.0	0.5
Vinyl Chloride	ug/L	1.0	< 1.0	1.0	0.6
Acetone	ug/L	1.0	< 30	30	1.7
Benzene	ug/L	1.0	< 1.0	1.0	0.4
n-Butylbenzene	ug/L	1.0	< 1.0	1.0	0.3
sec-Butylbenzene	ug/L	1.0	< 1.0	1.0	0.3
tert-Butylbenzene	ug/L	1.0	< 1.0	1.0	0.3
Isopropylbenzene (Cumene)	ug/L	1.0	< 1.0	1.0	0.3
Ethyl Benzene	ug/L	1.0	< 1.0	1.0	0.3
Ethyl Ether	ug/L	1.0	< 1.0	1.0	0.4
p-Isopropyltoluene	ug/L	1.0	< 1.0	1.0	0.2
Methyl Ethyl Ketone	ug/L	1.0	< 10	10	0.9
Methyl Isobutyl Ketone	ug/L	1.0	< 10	10	0.4
Methyl tert-butyl ether	ug/L	1.0	< 1.0	1.0	0.3
n-Propylbenzene	ug/L	1.0	< 1.0	1.0	0.3

Northeast Technical Services, Inc.

315 Chestnut Street, P.O. Box 1142, Virginia, Minnesota 55792, (218) 741-4290

Analytical Report

Lab Number:	**S040071309**	**Date Collected:**	01/05/2004
Sample Description:	**U.S. Corps of Engineers**	**Date Received:**	01/07/2004
	Van White Blvd	**Date VOC Analyzed:**	01/15/2004
	04-17M-100	**Date Reported:**	01/19/2004
		Reported By:	MES
COC #:	**39015**	**VOC QC Pack:**	2-011504-1
NTS Project #:	**6368**		
Matrix: Water		**MDH Laboratory #**	027-137-157
		Sample pH:	< 2

Parameter	Units	DF	Result	RL	MDL	
Naphthalene	ug/L	1.0	< 2.0	2.0	1.0	
Styrene	ug/L	1.0	< 2.0	2.0	0.4	
Tetrahydrofuran	ug/L	1.0	< 2.0	2.0	0.7	
Toluene	ug/L	1.0	< 1.0	1.0	0.4	
1,2,4-Trimethylbenzene	ug/L	1.0	< 1.0	1.0	0.3	
1,3,5-Trimethylbenzene	ug/L	1.0	< 1.0	1.0	0.3	
m-Xylene & p-Xylene	ug/L	1.0	< 2.0	2.0	0.6	
o-Xylene	ug/L	1.0	< 1.0	1.0	0.5	
Fluorobenzene (Surrogate Recovery)	%		86			
1,4-Dichlorobutane (Surrogate Recovery)	%		77			f

VOCs analyzed according to SW846 8021 (MDH 465 Compound List).
MDL = Method Detection Limit
RL = Reporting Limit (Practical quantitation limit)
DF = Dilution Factor

Report approved by: _____ Analytical Chemist

Northeast Technical Services, Inc., makes no warranty except that the analysis has been made upon the samples received in accordance with generally accepted testing laboratory principles and practices. The results of the analysis may not be characteristic of the whole from which the sample was taken. This warranty is in lieu of all other warranties, either expressed or implied.

Northeast Technical Services, Inc.

315 Chestnut Street, P.O. Box 1142, Virginia, Minnesota 55792, (218) 741-4290

Analytical Report

Lab Number:	**S040071343**	**Date Collected:**	01/05/2004
Sample Description:	**U.S. Corps of Engineers**	**Date Received:**	01/07/2004
	Van White Blvd	**Date VOC Analyzed:**	01/16/2004
	04-18M-100 (8-10')	**Date Reported:**	01/19/2004
		Reported By:	MES
COC #:	**39015**	**VOC QC Pack:**	2-011604-2
NTS Project #:	**6368**		
Matrix: Soil		**MDH Laboratory #**	027-137-157

Parameter	Units	DF	Result	RL	MDL
Allyl Chloride	ug/Kg	1.0	< 150	150	8.2
Bromobenzene	ug/Kg	1.0	< 50	50	6.0
Bromochloromethane	ug/Kg	1.0	< 50	50	10
Bromodichloromethane	ug/Kg	1.0	< 50	50	21
Bromoform	ug/Kg	1.0	< 50	50	26
Bromomethane	ug/Kg	1.0	< 60	60	9.0
Carbon Tetrachloride	ug/Kg	1.0	< 50	50	13
Chlorobenzene	ug/Kg	1.0	< 50	50	16
Chloroethane	ug/Kg	1.0	< 150	150	7.1
Chloroform	ug/Kg	1.0	< 50	50	14
Chloromethane	ug/Kg	1.0	< 200	200	42
2-Chlorotoluene	ug/Kg	1.0	< 50	50	11
4-Chlorotoluene	ug/Kg	1.0	< 50	50	10
Dibromochloromethane	ug/Kg	1.0	< 50	50	12
1,2-Dibromo-3-chloropropane	ug/Kg	1.0	< 100	100	13
1,2-Dibromoethane	ug/Kg	1.0	< 50	50	6.2
Dibromomethane	ug/Kg	1.0	< 50	50	6.2
1,2-Dichlorobenzene	ug/Kg	1.0	< 50	50	10
1,3-Dichlorobenzene	ug/Kg	1.0	< 50	50	4.3
1,4-Dichlorobenzene	ug/Kg	1.0	< 50	50	24
Dichlorodifluoromethane	ug/Kg	1.0	< 100	100	26
1,1-Dichloroethane	ug/Kg	1.0	< 60	60	29
1,2-Dichloroethane	ug/Kg	1.0	< 50	50	8.1
1,1-Dichloroethylene	ug/Kg	1.0	< 150	150	10
Cis-1,2-Dichloroethylene	ug/Kg	1.0	< 50	50	11
Trans-1,2-Dichloroethylene	ug/Kg	1.0	< 100	100	16
Dichlorofluoromethane	ug/Kg	1.0	< 100	100	9.2
1,2-Dichloropropane	ug/Kg	1.0	< 50	50	15
1,3-Dichloropropane	ug/Kg	1.0	< 50	50	16
2,2-Dichloropropane	ug/Kg	1.0	< 60	60	12

Northeast Technical Services, Inc.

315 Chestnut Street, P.O. Box 1142, Virginia, Minnesota 55792, (218) 741-4290

Analytical Report

Lab Number:	**S040071343**	**Date Collected:**	01/05/2004
Sample Description:	**U.S. Corps of Engineers**	**Date Received:**	01/07/2004
	Van White Blvd	**Date VOC Analyzed:**	01/16/2004
	04-18M-100 (8-10')	**Date Reported:**	01/19/2004
		Reported By:	MES
COC #:	**39015**	**VOC QC Pack:**	2-011604-2
NTS Project #:	**6368**		
Matrix: Soil		**MDH Laboratory #**	027-137-157

Parameter	Units	DF	Result	RL	MDL
1,1-Dichloropropene	ug/Kg	1.0	< 50	50	10
Cis-1,3-Dichloropropene	ug/Kg	1.0	< 50	50	10
Trans-1,3-Dichloropropene	ug/Kg	1.0	< 50	50	9.4
Hexachlorobutadiene	ug/Kg	1.0	< 60	60	19
Methylene Chloride	ug/Kg	1.0	< 100	100	34
1,1,1,2-Tetrachloroethane	ug/Kg	1.0	< 50	50	21
1,1,2,2-Tetrachloroethane	ug/Kg	1.0	< 100	100	63
Tetrachloroethylene	ug/Kg	1.0	< 50	50	15
1,2,3-Trichlorobenzene	ug/Kg	1.0	< 60	60	30
1,2,4-Trichlorobenzene	ug/Kg	1.0	< 50	50	12
1,1,1-Trichloroethane	ug/Kg	1.0	< 60	60	12
1,1,2-Trichloroethane	ug/Kg	1.0	< 50	50	3.2
Trichloroethylene	ug/Kg	1.0	< 50	50	9.1
Trichlorofluoromethane	ug/Kg	1.0	< 150	150	16
1,2,3-Trichloropropane	ug/Kg	1.0	< 50	50	9.3
1,1,2-Trichlorotrifluoroethane	ug/Kg	1.0	< 150	150	10
Vinyl Chloride	ug/Kg	1.0	< 100	100	39
Acetone	ug/Kg	1.0	< 1500	1500	120
Benzene	ug/Kg	1.0	< 50	50	6.8
n-Butylbenzene	ug/Kg	1.0	< 50	50	8.3
sec-Butylbenzene	ug/Kg	1.0	< 50	50	2.9
tert-Butylbenzene	ug/Kg	1.0	< 50	50	4.8
Isopropylbenzene (Cumene)	ug/Kg	1.0	< 50	50	3.1
Ethyl Benzene	ug/Kg	1.0	< 50	50	2.2
Ethyl Ether	ug/Kg	1.0	< 100	100	8.8
p-Isopropyltoluene	ug/Kg	1.0	< 50	50	3.3
Methyl Ethyl Ketone	ug/Kg	1.0	< 800	800	190
Methyl Isobutyl Ketone	ug/Kg	1.0	< 200	200	95
Methyl tert-butyl ether	ug/Kg	1.0	< 50	50	6.4
n-Propylbenzene	ug/Kg	1.0	< 50	50	3.0

Northeast Technical Services, Inc.

315 Chestnut Street, P.O. Box 1142, Virginia, Minnesota 55792, (218) 741-4290

Analytical Report

Lab Number:	**S040071343**	**Date Collected:**	01/05/2004
Sample Description:	**U.S. Corps of Engineers**	**Date Received:**	01/07/2004
	Van White Blvd	**Date VOC Analyzed:**	01/16/2004
	04-18M-100 (8-10')	**Date Reported:**	01/19/2004
		Reported By:	MES
COC #:	**39015**	**VOC QC Pack:**	2-011604-2
NTS Project #:	**6368**		
Matrix: Soil		**MDH Laboratory #**	027-137-157

Parameter	Units	DF	Result	RL	MDL
Naphthalene	ug/Kg	1.0	< 100	100	37
Styrene	ug/Kg	1.0	< 150	150	20
Tetrahydrofuran	ug/Kg	1.0	< 50	50	37
Toluene	ug/Kg	1.0	< 50	50	7.6
1,2,4-Trimethylbenzene	ug/Kg	1.0	< 50	50	5.8
1,3,5-Trimethylbenzene	ug/Kg	1.0	< 50	50	17
m-Xylene & p-Xylene	ug/Kg	1.0	< 100	100	7.4
o-Xylene	ug/Kg	1.0	< 50	50	2.2
Fluorobenzene (Surrogate Recovery)	%		102		
1,4-Dichlorobutane (Surrogate Recovery)	%		98		
Moisture	%		37		

VOCs analyzed according to SW846 8021 (MDH 465 Compound List).
MDL = Method Detection Limit
RL = Reporting Limit (Practical quantitation limit)
DF = Dilution Factor

Report approved by: _____ Analytical Chemist

Northeast Technical Services, Inc., makes no warranty except that the analysis has been made upon the samples received in accordance with generally accepted testing laboratory principles and practices. The results of the analysis may not be characteristic of the whole from which the sample was taken. This warranty is in lieu of all other warranties, either expressed or implied.

Northeast Technical Services, Inc.

315 Chestnut Street, P.O. Box 1142, Virginia, Minnesota 55792, (218) 741-4290

Analytical Report

Lab Number:	**S040071334**	**Date Collected:**	01/05/2004
Sample Description:	**U.S. Corps of Engineers**	**Date Received:**	01/07/2004
	Van White Blvd	**Date VOC Analyzed:**	01/15/2004
	04-18M-100	**Date Reported:**	01/19/2004
		Reported By:	MES
COC #:	**39015**	**VOC QC Pack:**	2-011504-1
NTS Project #:	**6368**		
Matrix: Water		**MDH Laboratory #**	027-137-157
		Sample pH:	< 2

Parameter	Units	DF	Result	RL	MDL	
Allyl Chloride	ug/L	1.0	< 1.0	1.0	0.4	a
Bromobenzene	ug/L	1.0	< 1.0	1.0	0.9	
Bromochloromethane	ug/L	1.0	< 1.0	1.0	0.5	
Bromodichloromethane	ug/L	1.0	< 1.0	1.0	0.5	
Bromoform	ug/L	1.0	< 1.0	1.0	0.4	
Bromomethane	ug/L	1.0	< 4.0	4.0	1.0	
Carbon Tetrachloride	ug/L	1.0	< 1.0	1.0	0.5	
Chlorobenzene	ug/L	1.0	< 1.0	1.0	0.6	
Chloroethane	ug/L	1.0	< 2.0	2.0	0.4	
Chloroform	ug/L	1.0	< 1.0	1.0	0.6	
Chloromethane	ug/L	1.0	< 4.0	4.0	0.5	
2-Chlorotoluene	ug/L	1.0	< 1.0	1.0	0.5	
4-Chlorotoluene	ug/L	1.0	< 1.0	1.0	0.4	
Dibromochloromethane	ug/L	1.0	< 1.0	1.0	0.3	
1,2-Dibromo-3-chloropropane	ug/L	1.0	< 2.0	2.0	0.3	
1,2-Dibromoethane	ug/L	1.0	< 1.0	1.0	0.3	
Dibromomethane	ug/l	1.0	< 1.0	1.0	0.5	
1,2-Dichlorobenzene	ug/L	1.0	< 1.0	1.0	0.4	
1,3-Dichlorobenzene	ug/L	1.0	< 1.0	1.0	0.9	
1,4-Dichlorobenzene	ug/L	1.0	< 1.0	1.0	0.8	
Dichlorodifluoromethane	ug/L	1.0	< 2.0	2.0	1.0	
1,1-Dichloroethane	ug/L	1.0	< 1.0	1.0	0.5	
1,2-Dichloroethane	ug/L	1.0	< 1.0	1.0	0.5	
1,1-Dichloroethylene	ug/L	1.0	< 1.0	1.0	0.4	
Cis-1,2-Dichloroethylene	ug/L	1.0	< 1.0	1.0	0.5	
Trans-1,2-Dichloroethylene	ug/L	1.0	< 1.0	1.0	0.6	
Dichlorofluoromethane	ug/L	1.0	< 2.0	2.0	0.6	
1,2-Dichloropropane	ug/L	1.0	< 1.0	1.0	0.5	
1,3-Dichloropropane	ug/L	1.0	< 1.0	1.0	0.5	
2,2-Dichloropropane	ug/L	1.0	< 1.0	1.0	0.3	

Northeast Technical Services, Inc.

315 Chestnut Street, P.O. Box 1142, Virginia, Minnesota 55792, (218) 741-4290

Analytical Report

Lab Number:	**S040071334**	**Date Collected:**	01/05/2004
Sample Description:	**U.S. Corps of Engineers**	**Date Received:**	01/07/2004
	Van White Blvd	**Date VOC Analyzed:**	01/15/2004
	04-18M-100	**Date Reported:**	01/19/2004
		Reported By:	MES
COC #:	**39015**	**VOC QC Pack:**	2-011504-1
NTS Project #:	**6368**		
Matrix: Water		**MDH Laboratory #**	027-137-157
		Sample pH:	< 2

Parameter	Units	DF	Result	RL	MDL
1,1-Dichloropropene	ug/L	1.0	< 1.0	1.0	0.5
Cis-1,3-Dichloropropene	ug/L	1.0	< 1.0	1.0	0.4
Trans-1,3-Dichloropropene	ug/L	1.0	< 1.0	1.0	0.3
Hexachlorobutadiene	ug/L	1.0	< 1.0	1.0	0.7
Methylene Chloride	ug/L	1.0	< 2.0	2.0	0.6
1,1,1,2-Tetrachloroethane	ug/L	1.0	< 1.0	1.0	0.6
1,1,2,2-Tetrachloroethane	ug/L	1.0	< 1.0	1.0	0.4
Tetrachloroethylene	ug/L	1.0	< 1.0	1.0	0.5
1,2,3-Trichlorobenzene	ug/L	1.0	< 2.0	2.0	0.7
1,2,4-Trichlorobenzene	ug/L	1.0	< 2.0	2.0	1.3
1,1,1-Trichloroethane	ug/L	1.0	< 1.0	1.0	0.5
1,1,2-Trichloroethane	ug/L	1.0	< 1.0	1.0	0.6
Trichloroethylene	ug/L	1.0	< 1.0	1.0	0.6
Trichlorofluoromethane	ug/L	1.0	< 2.0	2.0	0.5
1,2,3-Trichloropropane	ug/L	1.0	< 1.0	1.0	0.4
1,1,2-Trichlorotrifluoroethane	ug/L	1.0	< 1.0	1.0	0.5
Vinyl Chloride	ug/L	1.0	< 1.0	1.0	0.6
Acetone	ug/L	1.0	< 30	30	1.7
Benzene	ug/L	1.0	< 1.0	1.0	0.4
n-Butylbenzene	ug/L	1.0	< 1.0	1.0	0.3
sec-Butylbenzene	ug/L	1.0	< 1.0	1.0	0.3
tert-Butylbenzene	ug/L	1.0	< 1.0	1.0	0.3
Isopropylbenzene (Cumene)	ug/L	1.0	< 1.0	1.0	0.3
Ethyl Benzene	ug/L	1.0	< 1.0	1.0	0.3
Ethyl Ether	ug/L	1.0	< 1.0	1.0	0.4
p-Isopropyltoiuene	ug/L	1.0	< 1.0	1.0	0.2
Methyl Ethyl Ketone	ug/L	1.0	< 10	10	0.9
Methyl Isobutyl Ketone	ug/L	1.0	< 10	10	0.4
Methyl tert-butyl ether	ug/L	1.0	< 1.0	1.0	0.3
n-Propylbenzene	ug/L	1.0	< 1.0	1.0	0.3

Northeast Technical Services, Inc.

315 Chestnut Street, P.O. Box 1142, Virginia, Minnesota 55792, (218) 741-4290

Analytical Report

Lab Number:	S040071334	**Date Collected:**	01/05/2004
Sample Description:	U.S. Corps of Engineers	**Date Received:**	01/07/2004
	Van White Blvd	**Date VOC Analyzed:**	01/15/2004
	04-18M-100	**Date Reported:**	01/19/2004
		Reported By:	MES
COC #:	39015	**VOC QC Pack:**	2-011504-1
NTS Project #:	6368		
Matrix: Water		**MDH Laboratory #**	027-137-157
		Sample pH:	< 2

Parameter	Units	DF	Result	RL	MDL
Naphthalene	ug/L	1.0	< 2.0	2.0	1.0
Styrene	ug/L	1.0	< 2.0	2.0	0.4
Tetrahydrofuran	ug/L	1.0	< 2.0	2.0	0.7
Toluene	ug/L	1.0	< 1.0	1.0	0.4
1,2,4-Trimethylbenzene	ug/L	1.0	< 1.0	1.0	0.3
1,3,5-Trimethylbenzene	ug/L	1.0	< 1.0	1.0	0.3
m-Xylene & p-Xylene	ug/L	1.0	< 2.0	2.0	0.6
o-Xylene	ug/L	1.0	< 1.0	1.0	0.5
Fluorobenzene (Surrogate Recovery)	%		103		
1,4-Dichlorobutane (Surrogate Recovery)	%		92		

VOCs analyzed according to SW846 8021 (MDH 465 Compound List).
MDL = Method Detection Limit
RL = Reporting Limit (Practical quantitation limit)
DF = Dilution Factor

Report approved by: _____ Analytical Chemist

Northeast Technical Services, Inc., makes no warranty except that the analysis has been made upon the samples received in accordance with generally accepted testing laboratory principles and practices. The results of the analysis may not be characteristic of the whole from which the sample was taken. This warranty is in lieu of all other warranties, either expressed or implied.

Northeast Technical Services, Inc.

315 Chestnut Street, P.O. Box 1142, Virginia, Minnesota 55792, (218) 741-4290

Analytical Report

Lab Number:	**S040071344**	**Date Collected:**	01/05/2004
Sample Description:	**U.S. Corps of Engineers**	**Date Received:**	01/07/2004
	Van White Blvd	**Date VOC Analyzed:**	01/16/2004
	04-19M-100 (8-10')	**Date Reported:**	01/19/2004
		Reported By:	MES
COC #:	**39015**	**VOC QC Pack:**	2-011604-2
NTS Project #:	**6368**		
Matrix: Soil		**MDH Laboratory #**	027-137-157

Parameter	Units	DF	Result	RL	MDL
Allyl Chloride	ug/Kg	1.0	< 150	150	8.2
Bromobenzene	ug/Kg	1.0	< 50	50	6.0
Bromochloromethane	ug/Kg	1.0	< 50	50	10
Bromodichloromethane	ug/Kg	1.0	< 50	50	21
Bromoform	ug/Kg	1.0	< 50	50	26
Bromomethane	ug/Kg	1.0	< 60	60	9.0
Carbon Tetrachloride	ug/Kg	1.0	< 50	50	13
Chlorobenzene	ug/Kg	1.0	< 50	50	16
Chloroethane	ug/Kg	1.0	< 150	150	7.1
Chloroform	ug/Kg	1.0	< 50	50	14
Chloromethane	ug/Kg	1.0	< 200	200	42
2-Chlorotoluene	ug/Kg	1.0	< 50	50	11
4-Chlorotoluene	ug/Kg	1.0	< 50	50	10
Dibromochloromethane	ug/Kg	1.0	< 50	50	12
1,2-Dibromo-3-chloropropane	ug/Kg	1.0	< 100	100	13
1,2-Dibromoethane	ug/Kg	1.0	< 50	50	6.2
Dibromomethane	ug/Kg	1.0	< 50	50	6.2
1,2-Dichlorobenzene	ug/Kg	1.0	< 50	50	10
1,3-Dichlorobenzene	ug/Kg	1.0	< 50	50	4.3
1,4-Dichlorobenzene	ug/Kg	1.0	< 50	50	24
Dichlorodifluoromethane	ug/Kg	1.0	< 100	100	26
1,1-Dichloroethane	ug/Kg	1.0	< 60	60	29
1,2-Dichloroethane	ug/Kg	1.0	< 50	50	8.1
1,1-Dichloroethylene	ug/Kg	1.0	< 150	150	10
Cis-1,2-Dichloroethylene	ug/Kg	1.0	< 50	50	11
Trans-1,2-Dichloroethylene	ug/Kg	1.0	< 100	100	16
Dichlorofluoromethane	ug/Kg	1.0	< 100	100	9.2
1,2-Dichloropropane	ug/Kg	1.0	< 50	50	15
1,3-Dichloropropane	ug/Kg	1.0	< 50	50	16
2,2-Dichloropropane	ug/Kg	1.0	< 60	60	12

Northeast Technical Services, Inc.

315 Chestnut Street, P.O. Box 1142, Virginia, Minnesota 55792, (218) 741-4290

Analytical Report

Lab Number:	**S040071344**	**Date Collected:**	01/05/2004
Sample Description:	**U.S. Corps of Engineers**	**Date Received:**	01/07/2004
	Van White Blvd	**Date VOC Analyzed:**	01/16/2004
	04-19M-100 (8-10')	**Date Reported:**	01/19/2004
		Reported By:	MES
COC #:	**39015**	**VOC QC Pack:**	2-011604-2
NTS Project #:	**6368**		
Matrix: Soil		**MDH Laboratory #**	027-137-157

Parameter	Units	DF	Result	RL	MDL
1,1-Dichloropropene	ug/Kg	1.0	< 50	50	10
Cis-1,3-Dichloropropene	ug/Kg	1.0	< 50	50	10
Trans-1,3-Dichloropropene	ug/Kg	1.0	< 50	50	9.4
Hexachlorobutadiene	ug/Kg	1.0	< 60	60	19
Methylene Chloride	ug/Kg	1.0	< 100	100	34
1,1,1,2-Tetrachloroethane	ug/Kg	1.0	< 50	50	21
1,1,2,2-Tetrachloroethane	ug/Kg	1.0	< 100	100	63
Tetrachloroethylene	ug/Kg	1.0	< 50	50	15
1,2,3-Trichlorobenzene	ug/Kg	1.0	< 60	60	30
1,2,4-Trichlorobenzene	ug/Kg	1.0	< 50	50	12
1,1,1-Trichloroethane	ug/Kg	1.0	< 60	60	12
1,1,2-Trichloroethane	ug/Kg	1.0	< 50	50	3.2
Trichloroethylene	ug/Kg	1.0	< 50	50	9.1
Trichlorofluoromethane	ug/Kg	1.0	< 150	150	16
1,2,3-Trichloropropane	ug/Kg	1.0	< 50	50	9.3
1,1,2-Trichlorotrifluoroethane	ug/Kg	1.0	< 150	150	10
Vinyl Chloride	ug/Kg	1.0	< 100	100	39
Acetone	ug/Kg	1.0	< 1500	1500	120
Benzene	ug/Kg	1.0	130	50	6.8
n-Butylbenzene	ug/Kg	1.0	< 50	50	8.3
sec-Butylbenzene	ug/Kg	1.0	< 50	50	2.9
tert-Butylbenzene	ug/Kg	1.0	< 50	50	4.8
Isopropylbenzene (Cumene)	ug/Kg	1.0	< 50	50	3.1
Ethyl Benzene	ug/Kg	1.0	< 50	50	2.2
Ethyl Ether	ug/Kg	1.0	< 100	100	8.8
p-Isopropyltoluene	ug/Kg	1.0	< 50	50	3.3
Methyl Ethyl Ketone	ug/Kg	1.0	< 800	800	190
Methyl Isobutyl Ketone	ug/Kg	1.0	< 200	200	95
Methyl tert-butyl ether	ug/Kg	1.0	< 50	50	6.4
n-Propylbenzene	ug/Kg	1.0	< 50	50	3.0

Northeast Technical Services, Inc.

315 Chestnut Street, P.O. Box 1142, Virginia, Minnesota 55792, (218) 741-4290

Analytical Report

Lab Number:	**S040071344**	**Date Collected:**	01/05/2004
Sample Description:	**U.S. Corps of Engineers**	**Date Received:**	01/07/2004
	Van White Blvd	**Date VOC Analyzed:**	01/16/2004
	04-19M-100 (8-10')	**Date Reported:**	01/19/2004
		Reported By:	MES
COC #:	**39015**	**VOC QC Pack:**	2-011604-2
NTS Project #:	**6368**		
Matrix: Soil		**MDH Laboratory #**	027-137-157

Parameter	Units	DF	Result	RL	MDL
Naphthalene	ug/Kg	1.0	< 100	100	37
Styrene	ug/Kg	1.0	< 150	150	20
Tetrahydrofuran	ug/Kg	1.0	< 50	50	37
Toluene	ug/Kg	1.0	< 50	50	7.6
1,2,4-Trimethylbenzene	ug/Kg	1.0	< 50	50	5.8
1,3,5-Trimethylbenzene	ug/Kg	1.0	< 50	50	17
m-Xylene & p-Xylene	ug/Kg	1.0	< 100	100	7.4
o-Xylene	ug/Kg	1.0	< 50	50	2.2
Fluorobenzene (Surrogate Recovery)	%		100		
1,4-Dichlorobutane (Surrogate Recovery)	%		97		
Moisture	%		33		

VOCs analyzed according to SW846 8021 (MDH 465 Compound List).
MDL = Method Detection Limit
RL = Reporting Limit (Practical quantitation limit)
DF = Dilution Factor

Report approved by: _____ Analytical Chemist

Northeast Technical Services, Inc., makes no warranty except that the analysis has been made upon the samples received in accordance with generally accepted testing laboratory principles and practices. The results of the analysis may not be characteristic of the whole from which the sample was taken. This warranty is in lieu of all other warranties, either expressed or implied.

Northeast Technical Services, Inc.

315 Chestnut Street, P.O. Box 1142, Virginia, Minnesota 55792, (218) 741-4290

Analytical Report

Lab Number:	**S04007133A**	**Date Collected:**	01/05/2004
Sample Description:	**U.S. Corps of Engineers**	**Date Received:**	01/07/2004
	Van White Blvd	**Date VOC Analyzed:**	01/15/2004
	04-19M-100	**Date Reported:**	01/19/2004
		Reported By:	MES
COC #:	**39015**	**VOC QC Pack:**	2-011504-1
NTS Project #:	**6368**		
Matrix: Water		**MDH Laboratory #**	027-137-157
		Sample pH:	< 2

Parameter	Units	DF	Result	RL	MDL	
Allyl Chloride	ug/L	1.0	< 1.0	1.0	0.4	a
Bromobenzene	ug/L	1.0	< 1.0	1.0	0.9	
Bromochloromethane	ug/L	1.0	< 1.0	1.0	0.5	
Bromodichloromethane	ug/L	1.0	< 1.0	1.0	0.5	
Bromoform	ug/L	1.0	< 1.0	1.0	0.4	
Bromomethane	ug/L	1.0	< 4.0	4.0	1.0	
Carbon Tetrachloride	ug/L	1.0	< 1.0	1.0	0.5	
Chlorobenzene	ug/L	1.0	< 1.0	1.0	0.6	
Chloroethane	ug/L	1.0	< 2.0	2.0	0.4	
Chloroform	ug/L	1.0	< 1.0	1.0	0.6	
Chloromethane	ug/L	1.0	< 4.0	4.0	0.5	
2-Chlorotoluene	ug/L	1.0	< 1.0	1.0	0.5	
4-Chlorotoluene	ug/L	1.0	< 1.0	1.0	0.4	
Dibromochloromethane	ug/L	1.0	< 1.0	1.0	0.3	
1,2-Dibromo-3-chloropropane	ug/L	1.0	< 2.0	2.0	0.3	
1,2-Dibromoethane	ug/L	1.0	< 1.0	1.0	0.3	
Dibromomethane	ug/l	1.0	< 1.0	1.0	0.5	
1,2-Dichlorobenzene	ug/L	1.0	< 1.0	1.0	0.4	
1,3-Dichlorobenzene	ug/L	1.0	< 1.0	1.0	0.9	
1,4-Dichlorobenzene	ug/L	1.0	< 1.0	1.0	0.8	
Dichlorodifluoromethane	ug/L	1.0	< 2.0	2.0	1.0	
1,1-Dichloroethane	ug/L	1.0	< 1.0	1.0	0.5	
1,2-Dichloroethane	ug/L	1.0	< 1.0	1.0	0.5	
1,1-Dichloroethylene	ug/L	1.0	< 1.0	1.0	0.4	
Cis-1,2-Dichloroethylene	ug/L	1.0	< 1.0	1.0	0.5	
Trans-1,2-Dichloroethylene	ug/L	1.0	< 1.0	1.0	0.6	
Dichlorofluoromethane	ug/L	1.0	< 2.0	2.0	0.6	
1,2-Dichloropropane	ug/L	1.0	< 1.0	1.0	0.5	
1,3-Dichloropropane	ug/L	1.0	< 1.0	1.0	0.5	
2,2-Dichloropropane	ug/L	1.0	< 1.0	1.0	0.3	

Northeast Technical Services, Inc.

315 Chestnut Street, P.O. Box 1142, Virginia, Minnesota 55792, (218) 741-4290

Analytical Report

Lab Number:	**S04007133A**	**Date Collected:**	01/05/2004
Sample Description:	**U.S. Corps of Engineers**	**Date Received:**	01/07/2004
	Van White Blvd	**Date VOC Analyzed:**	01/15/2004
	04-19M-100	**Date Reported:**	01/19/2004
		Reported By:	MES
COC #:	39015	**VOC QC Pack:**	2-011504-1
NTS Project #:	6368		
Matrix: Water		**MDH Laboratory #**	027-137-157
		Sample pH:	< 2

Parameter	Units	DF	Result	RL	MDL
1,1-Dichloropropene	ug/L	1.0	< 1.0	1.0	0.5
Cis-1,3-Dichloropropene	ug/L	1.0	< 1.0	1.0	0.4
Trans-1,3-Dichloropropene	ug/L	1.0	< 1.0	1.0	0.3
Hexachlorobutadiene	ug/L	1.0	< 1.0	1.0	0.7
Methylene Chloride	ug/L	1.0	< 2.0	2.0	0.6
1,1,1,2-Tetrachloroethane	ug/L	1.0	< 1.0	1.0	0.6
1,1,2,2-Tetrachloroethane	ug/L	1.0	< 1.0	1.0	0.4
Tetrachloroethylene	ug/L	1.0	< 1.0	1.0	0.5
1,2,3-Trichlorobenzene	ug/L	1.0	< 2.0	2.0	0.7
1,2,4-Trichlorobenzene	ug/L	1.0	< 2.0	2.0	1.3
1,1,1-Trichloroethane	ug/L	1.0	< 1.0	1.0	0.5
1,1,2-Trichloroethane	ug/L	1.0	< 1.0	1.0	0.6
Trichloroethylene	ug/L	1.0	< 1.0	1.0	0.6
Trichlorofluoromethane	ug/L	1.0	< 2.0	2.0	0.5
1,2,3-Trichloropropane	ug/L	1.0	< 1.0	1.0	0.4
1,1,2-Trichlorotrifluoroethane	ug/L	1.0	< 1.0	1.0	0.5
Vinyl Chloride	ug/L	1.0	< 1.0	1.0	0.6
Acetone	ug/L	1.0	< 30	30	1.7
Benzene	ug/L	1.0	< 1.0	1.0	0.4
n-Butylbenzene	ug/L	1.0	< 1.0	1.0	0.3
sec-Butylbenzene	ug/L	1.0	< 1.0	1.0	0.3
tert-Butylbenzene	ug/L	1.0	< 1.0	1.0	0.3
Isopropylbenzene (Cumene)	ug/L	1.0	< 1.0	1.0	0.3
Ethyl Benzene	ug/L	1.0	< 1.0	1.0	0.3
Ethyl Ether	ug/L	1.0	< 1.0	1.0	0.4
p-Isopropyltoluene	ug/L	1.0	< 1.0	1.0	0.2
Methyl Ethyl Ketone	ug/L	1.0	< 10	10	0.9
Methyl Isobutyl Ketone	ug/L	1.0	< 10	10	0.4
Methyl tert-butyl ether	ug/L	1.0	< 1.0	1.0	0.3
n-Propylbenzene	ug/L	1.0	< 1.0	1.0	0.3

Northeast Technical Services, Inc.

315 Chestnut Street, P.O. Box 1142, Virginia, Minnesota 55792, (218) 741-4290

Analytical Report

Lab Number:	**S04007133A**	**Date Collected:**	01/05/2004
Sample Description:	**U.S. Corps of Engineers**	**Date Received:**	01/07/2004
	Van White Blvd	**Date VOC Analyzed:**	01/15/2004
	04-19M-100	**Date Reported:**	01/19/2004
		Reported By:	MES
COC #:	**39015**	**VOC QC Pack:**	2-011504-1
NTS Project #:	**6368**		
Matrix: Water		**MDH Laboratory #**	027-137-157
		Sample pH:	< 2

Parameter	Units	DF	Result	RL	MDL
Naphthalene	ug/L	1.0	< 2.0	2.0	1.0
Styrene	ug/L	1.0	< 2.0	2.0	0.4
Tetrahydrofuran	ug/L	1.0	< 2.0	2.0	0.7
Toluene	ug/L	1.0	< 1.0	1.0	0.4
1,2,4-Trimethylbenzene	ug/L	1.0	< 1.0	1.0	0.3
1,3,5-Trimethylbenzene	ug/L	1.0	< 1.0	1.0	0.3
m-Xylene & p-Xylene	ug/L	1.0	< 2.0	2.0	0.6
o-Xylene	ug/L	1.0	< 1.0	1.0	0.5
Fluorobenzene (Surrogate Recovery)	%		101		
1,4-Dichlorobutane (Surrogate Recovery)	%		93		

VOCs analyzed according to SW846 8021 (MDH 465 Compound List).
MDL = Method Detection Limit
RL = Reporting Limit (Practical quantitation limit)
DF = Dilution Factor

Report approved by: _____ Analytical Chemist

Northeast Technical Services, Inc., makes no warranty except that the analysis has been made upon the samples received in accordance with generally accepted testing laboratory principles and practices. The results of the analysis may not be characteristic of the whole from which the sample was taken. This warranty is in lieu of all other warranties, either expressed or implied.

Northeast Technical Services, Inc.

315 Chestnut Street, P.O. Box 1142, Virginia, Minnesota 55792, (218) 741-4290

Analytical Report

Lab Number:	**S04007134A**	**Date Collected:**	01/05/2004
Sample Description:	**U.S. Corps of Engineers**	**Date Received:**	01/07/2004
	Van White Blvd	**Date VOC Analyzed:**	01/17/2004
	04-20M-100 (16-17')	**Date Reported:**	01/19/2004
		Reported By:	MES
COC #:	**39015**	**VOC QC Pack:**	2-011604-2
NTS Project #:	**6368**		
Matrix: Soil		**MDH Laboratory #**	027-137-157

Parameter	Units	DF	Result	RL	MDL
Allyl Chloride	ug/Kg	1.0	< 150	150	8.2
Bromobenzene	ug/Kg	1.0	< 50	50	6.0
Bromochloromethane	ug/Kg	1.0	< 50	50	10
Bromodichloromethane	ug/Kg	1.0	< 50	50	21
Bromoform	ug/Kg	1.0	< 50	50	26
Bromomethane	ug/Kg	1.0	< 60	60	9.0
Carbon Tetrachloride	ug/Kg	1.0	< 50	50	13
Chlorobenzene	ug/Kg	1.0	< 50	50	16
Chloroethane	ug/Kg	1.0	< 150	150	7.1
Chloroform	ug/Kg	1.0	< 50	50	14
Chloromethane	ug/Kg	1.0	< 200	200	42
2-Chlorotoluene	ug/Kg	1.0	< 50	50	11
4-Chlorotoluene	ug/Kg	1.0	< 50	50	10
Dibromochloromethane	ug/Kg	1.0	< 50	50	12
1,2-Dibromo-3-chloropropane	ug/Kg	1.0	< 100	100	13
1,2-Dibromoethane	ug/Kg	1.0	< 50	50	6.2
Dibromomethane	ug/Kg	1.0	< 50	50	6.2
1,2-Dichlorobenzene	ug/Kg	1.0	< 50	50	10
1,3-Dichlorobenzene	ug/Kg	1.0	< 50	50	4.3
1,4-Dichlorobenzene	ug/Kg	1.0	< 50	50	24
Dichlorodifluoromethane	ug/Kg	1.0	< 100	100	26
1,1-Dichloroethane	ug/Kg	1.0	< 60	60	29
1,2-Dichloroethane	ug/Kg	1.0	< 50	50	8.1
1,1-Dichloroethylene	ug/Kg	1.0	< 150	150	10
Cis-1,2-Dichloroethylene	ug/Kg	1.0	< 50	50	11
Trans-1,2-Dichloroethylene	ug/Kg	1.0	< 100	100	16
Dichlorofluoromethane	ug/Kg	1.0	< 100	100	9.2
1,2-Dichloropropane	ug/Kg	1.0	< 50	50	15
1,3-Dichloropropane	ug/Kg	1.0	< 50	50	16
2,2-Dichloropropane	ug/Kg	1.0	< 60	60	12

Northeast Technical Services, Inc.

315 Chestnut Street, P.O. Box 1142, Virginia, Minnesota 55792, (218) 741-4290

Analytical Report

Lab Number:	**S04007134A**	**Date Collected:**	01/05/2004
Sample Description:	**U.S. Corps of Engineers**	**Date Received:**	01/07/2004
	Van White Blvd	**Date VOC Analyzed:**	01/17/2004
	04-20M-100 (16-17')	**Date Reported:**	01/19/2004
		Reported By:	MES
COC #:	**39015**	**VOC QC Pack:**	2-011604-2
NTS Project #:	**6368**		
Matrix: Soil		**MDH Laboratory #**	027-137-157

Parameter	Units	DF	Result	RL	MDL
1,1-Dichloropropene	ug/Kg	1.0	< 50	50	10
Cis-1,3-Dichloropropene	ug/Kg	1.0	< 50	50	10
Trans-1,3-Dichloropropene	ug/Kg	1.0	< 50	50	9.4
Hexachlorobutadiene	ug/Kg	1.0	< 60	60	19
Methylene Chloride	ug/Kg	1.0	< 100	100	34
1,1,1,2-Tetrachloroethane	ug/Kg	1.0	< 50	50	21
1,1,2,2-Tetrachloroethane	ug/Kg	1.0	< 100	100	63
Tetrachloroethylene	ug/Kg	1.0	< 50	50	15
1,2,3-Trichlorobenzene	ug/Kg	1.0	< 60	60	30
1,2,4-Trichlorobenzene	ug/Kg	1.0	< 50	50	12
1,1,1-Trichloroethane	ug/Kg	1.0	< 60	60	12
1,1,2-Trichloroethane	ug/Kg	1.0	< 50	50	3.2
Trichloroethylene	ug/Kg	1.0	< 50	50	9.1
Trichlorotfluoromethane	ug/Kg	1.0	< 150	150	16
1,2,3-Trichloropropane	ug/Kg	1.0	< 50	50	9.3
1,1,2-Trichlorotrifluoroethane	ug/Kg	1.0	< 150	150	10
Vinyl Chloride	ug/Kg	1.0	< 100	100	39
Acetone	ug/Kg	1.0	< 1500	1500	120
Benzene	ug/Kg	1.0	< 50	50	6.8
n-Butylbenzene	ug/Kg	1.0	< 50	50	8.3
sec-Butylbenzene	ug/Kg	1.0	< 50	50	2.9
tert-Butylbenzene	ug/Kg	1.0	< 50	50	4.8
Isopropylbenzene (Cumene)	ug/Kg	1.0	< 50	50	3.1
Ethyl Benzene	ug/Kg	1.0	< 50	50	2.2
Ethyl Ether	ug/Kg	1.0	< 100	100	8.8
p-Isopropyltoluene	ug/Kg	1.0	< 50	50	3.3
Methyl Ethyl Ketone	ug/Kg	1.0	< 800	800	190
Methyl Isobutyl Ketone	ug/Kg	1.0	< 200	200	95
Methyl tert-butyl ether	ug/Kg	1.0	< 50	50	6.4
n-Propylbenzene	ug/Kg	1.0	< 50	50	3.0

Northeast Technical Services, Inc.

315 Chestnut Street, P.O. Box 1142, Virginia, Minnesota 55792, (218) 741-4290

Analytical Report

Lab Number:	**S04007134A**	**Date Collected:**	01/05/2004
Sample Description:	**U.S. Corps of Engineers**	**Date Received:**	01/07/2004
	Van White Blvd	**Date VOC Analyzed:**	01/17/2004
	04-20M-100 (16-17')	**Date Reported:**	01/19/2004
		Reported By:	MES
COC #:	**39015**	**VOC QC Pack:**	2-011604-2
NTS Project #:	**6368**		
Matrix: Soil		**MDH Laboratory #**	027-137-157

Parameter	Units	DF	Result	RL	MDL
Naphthalene	ug/Kg	1.0	< 100	100	37
Styrene	ug/Kg	1.0	< 150	150	20
Tetrahydrofuran	ug/Kg	1.0	< 50	50	37
Toluene	ug/Kg	1.0	< 50	50	7.6
1,2,4-Trimethylbenzene	ug/Kg	1.0	< 50	50	5.8
1,3,5-Trimethylbenzene	ug/Kg	1.0	< 50	50	17
m-Xylene & p-Xylene	ug/Kg	1.0	< 100	100	7.4
o-Xylene	ug/Kg	1.0	< 50	50	2.2
Fluorobenzene (Surrogate Recovery)	%		103		
1,4-Dichlorobutane (Surrogate Recovery)	%		96		
Moisture	%		43		

VOCs analyzed according to SW846 8021 (MDH 465 Compound List).
MDL = Method Detection Limit
RL = Reporting Limit (Practical quantitation limit)
DF = Dilution Factor

Report approved by: _____ Analytical Chemist

Northeast Technical Services, Inc., makes no warranty except that the analysis has been made upon the samples received in accordance with generally accepted testing laboratory principles and practices. The results of the analysis may not be characteristic of the whole from which the sample was taken. This warranty is in lieu of all other warranties, either expressed or implied.

Northeast Technical Services, Inc.

315 Chestnut Street, P.O. Box 1142, Virginia, Minnesota 55792, (218) 741-4290

Analytical Report

Lab Number:	**S040071335**	**Date Collected:**	01/06/2004
Sample Description:	**U.S. Corps of Engineers**	**Date Received:**	01/07/2004
	Van White Blvd	**Date VOC Analyzed:**	01/15/2004
	04-20M-100	**Date Reported:**	01/19/2004
		Reported By:	MES
COC #:	**39015**	**VOC QC Pack:**	2-011504-1
NTS Project #:	**6368**		
Matrix: Water		**MDH Laboratory #**	027-137-157
		Sample pH:	< 2

Parameter	Units	DF	Result	RL	MDL	
Allyl Chloride	ug/L	1.0	< 1.0	1.0	0.4	a
Bromobenzene	ug/L	1.0	< 1.0	1.0	0.9	
Bromochloromethane	ug/L	1.0	< 1.0	1.0	0.5	
Bromodichloromethane	ug/L	1.0	< 1.0	1.0	0.5	
Bromoform	ug/L	1.0	< 1.0	1.0	0.4	
Bromomethane	ug/L	1.0	< 4.0	4.0	1.0	
Carbon Tetrachloride	ug/L	1.0	< 1.0	1.0	0.5	
Chlorobenzene	ug/L	1.0	< 1.0	1.0	0.6	
Chloroethane	ug/L	1.0	< 2.0	2.0	0.4	
Chloroform	ug/L	1.0	< 1.0	1.0	0.6	
Chloromethane	ug/L	1.0	< 4.0	4.0	0.5	
2-Chlorotoluene	ug/L	1.0	< 1.0	1.0	0.5	
4-Chlorotoluene	ug/L	1.0	< 1.0	1.0	0.4	
Dibromochloromethane	ug/L	1.0	< 1.0	1.0	0.3	
1,2-Dibromo-3-chloropropane	ug/L	1.0	< 2.0	2.0	0.3	
1,2-Dibromoethane	ug/L	1.0	< 1.0	1.0	0.3	
Dibromomethane	ug/l	1.0	< 1.0	1.0	0.5	
1,2-Dichlorobenzene	ug/L	1.0	< 1.0	1.0	0.4	
1,3-Dichlorobenzene	ug/L	1.0	< 1.0	1.0	0.9	
1,4-Dichlorobenzene	ug/L	1.0	< 1.0	1.0	0.8	
Dichlorodifluoromethane	ug/L	1.0	< 2.0	2.0	1.0	
1,1-Dichloroethane	ug/L	1.0	< 1.0	1.0	0.5	
1,2-Dichloroethane	ug/L	1.0	< 1.0	1.0	0.5	
1,1-Dichloroethylene	ug/L	1.0	< 1.0	1.0	0.4	
Cis-1,2-Dichloroethylene	ug/L	1.0	< 1.0	1.0	0.5	
Trans-1,2-Dichloroethylene	ug/L	1.0	< 1.0	1.0	0.6	
Dichlorofluoromethane	ug/L	1.0	< 2.0	2.0	0.6	
1,2-Dichloropropane	ug/L	1.0	< 1.0	1.0	0.5	
1,3-Dichloropropane	ug/L	1.0	< 1.0	1.0	0.5	
2,2-Dichloropropane	ug/L	1.0	< 1.0	1.0	0.3	

Northeast Technical Services, Inc.

315 Chestnut Street, P.O. Box 1142, Virginia, Minnesota 55792, (218) 741-4290

Analytical Report

Lab Number:	**S040071335**	**Date Collected:**	01/06/2004
Sample Description:	**U.S. Corps of Engineers**	**Date Received:**	01/07/2004
	Van White Blvd	**Date VOC Analyzed:**	01/15/2004
	04-20M-100	**Date Reported:**	01/19/2004
		Reported By:	MES
COC #:	**39015**	**VOC QC Pack:**	2-011504-1
NTS Project #:	**6368**		
Matrix: Water		**MDH Laboratory #**	027-137-157
		Sample pH:	< 2

Parameter	Units	DF	Result	RL	MDL
1,1-Dichloropropene	ug/L	1.0	< 1.0	1.0	0.5
Cis-1,3-Dichloropropene	ug/L	1.0	< 1.0	1.0	0.4
Trans-1,3-Dichloropropene	ug/L	1.0	< 1.0	1.0	0.3
Hexachlorobutadiene	ug/L	1.0	< 1.0	1.0	0.7
Methylene Chloride	ug/L	1.0	< 2.0	2.0	0.6
1,1,1,2-Tetrachloroethane	ug/L	1.0	< 1.0	1.0	0.6
1,1,2,2-Tetrachloroethane	ug/L	1.0	< 1.0	1.0	0.4
Tetrachloroethylene	ug/L	1.0	< 1.0	1.0	0.5
1,2,3-Trichlorobenzene	ug/L	1.0	< 2.0	2.0	0.7
1,2,4-Trichlorobenzene	ug/L	1.0	< 2.0	2.0	1.3
1,1,1-Trichloroethane	ug/L	1.0	< 1.0	1.0	0.5
1,1,2-Trichloroethane	ug/L	1.0	< 1.0	1.0	0.6
Trichloroethylene	ug/L	1.0	< 1.0	1.0	0.6
Trichlorofluoromethane	ug/L	1.0	< 2.0	2.0	0.5
1,2,3-Trichloropropane	ug/L	1.0	< 1.0	1.0	0.4
1,1,2-Trichlorotrifluoroethane	ug/L	1.0	< 1.0	1.0	0.5
Vinyl Chloride	ug/L	1.0	< 1.0	1.0	0.6
Acetone	ug/L	1.0	< 30	30	1.7
Benzene	ug/L	1.0	< 1.0	1.0	0.4
n-Butylbenzene	ug/L	1.0	< 1.0	1.0	0.3
sec-Butylbenzene	ug/L	1.0	< 1.0	1.0	0.3
tert-Butylbenzene	ug/L	1.0	< 1.0	1.0	0.3
Isopropylbenzene (Cumene)	ug/L	1.0	< 1.0	1.0	0.3
Ethyl Benzene	ug/L	1.0	< 1.0	1.0	0.3
Ethyl Ether	ug/L	1.0	< 1.0	1.0	0.4
p-Isopropyltoluene	ug/L	1.0	< 1.0	1.0	0.2
Methyl Ethyl Ketone	ug/L	1.0	< 10	10	0.9
Methyl isobutyl Ketone	ug/L	1.0	< 10	10	0.4
Methyl tert-butyl ether	ug/L	1.0	< 1.0	1.0	0.3
n-Propylbenzene	ug/L	1.0	< 1.0	1.0	0.3

Northeast Technical Services, Inc.

315 Chestnut Street, P.O. Box 1142, Virginia, Minnesota 55792, (218) 741-4290

Analytical Report

Lab Number:	**S040071335**	**Date Collected:**	01/06/2004
Sample Description:	**U.S. Corps of Engineers**	**Date Received:**	01/07/2004
	Van White Blvd	**Date VOC Analyzed:**	01/15/2004
	04-20M-100	**Date Reported:**	01/19/2004
		Reported By:	MES
COC #:	**39015**	**VOC QC Pack:**	2-011504-1
NTS Project #:	**6368**		
Matrix: Water		**MDH Laboratory #**	027-137-157
		Sample pH:	< 2

Parameter	Units	DF	Result	RL	MDL
Naphthalene	ug/L	1.0	< 2.0	2.0	1.0
Styrene	ug/L	1.0	< 2.0	2.0	0.4
Tetrahydrofuran	ug/L	1.0	< 2.0	2.0	0.7
Toluene	ug/L	1.0	< 1.0	1.0	0.4
1,2,4-Trimethylbenzene	ug/L	1.0	< 1.0	1.0	0.3
1,3,5-Trimethylbenzene	ug/L	1.0	< 1.0	1.0	0.3
m-Xylene & p-Xylene	ug/L	1.0	< 2.0	2.0	0.6
o-Xylene	ug/L	1.0	< 1.0	1.0	0.5
Fluorobenzene (Surrogate Recovery)	%		87		
1,4-Dichlorobutane (Surrogate Recovery)	%		83		

VOCs analyzed according to SW846 8021 (MDH 465 Compound List).
MDL = Method Detection Limit
RL = Reporting Limit (Practical quantitation limit)
DF = Dilution Factor

Report approved by: _____ Analytical Chemist

Northeast Technical Services, Inc., makes no warranty except that the analysis has been made upon the samples received in accordance with generally accepted testing laboratory principles and practices. The results of the analysis may not be characteristic of the whole from which the sample was taken. This warranty is in lieu of all other warranties, either expressed or implied.

Northeast Technical Services, Inc.

315 Chestnut Street, P.O. Box 1142, Virginia, Minnesota 55792, (218) 741-4290

Analytical Report

Lab Number:	**S040071345**	**Date Collected:**	01/06/2004
Sample Description:	**U.S. Corps of Engineers**	**Date Received:**	01/07/2004
	Van White Blvd	**Date VOC Analyzed:**	01/17/2004
	04-17M-200 (6-8')	**Date Reported:**	01/19/2004
		Reported By:	MES
COC #:	**39015**	**VOC QC Pack:**	2-011604-2
NTS Project #:	**6368**		
Matrix: Soil		**MDH Laboratory #**	027-137-157

Parameter	Units	DF	Result	RL	MDL
Allyl Chloride	ug/Kg	1.0	< 150	150	8.2
Bromobenzene	ug/Kg	1.0	< 50	50	6.0
Bromochloromethane	ug/Kg	1.0	< 50	50	10
Bromodichloromethane	ug/Kg	1.0	< 50	50	21
Bromoform	ug/Kg	1.0	< 50	50	26
Bromomethane	ug/Kg	1.0	< 60	60	9.0
Carbon Tetrachloride	ug/Kg	1.0	< 50	50	13
Chlorobenzene	ug/Kg	1.0	< 50	50	16
Chloroethane	ug/Kg	1.0	< 150	150	7.1
Chloroform	ug/Kg	1.0	< 50	50	14
Chloromethane	ug/Kg	1.0	< 200	200	42
2-Chlorotoluene	ug/Kg	1.0	< 50	50	11
4-Chlorotoluene	ug/Kg	1.0	< 50	50	10
Dibromochloromethane	ug/Kg	1.0	< 50	50	12
1,2-Dibromo-3-chloropropane	ug/Kg	1.0	< 100	100	13
1,2-Dibromoethane	ug/Kg	1.0	< 50	50	6.2
Dibromomethane	ug/Kg	1.0	< 50	50	6.2
1,2-Dichlorobenzene	ug/Kg	1.0	< 50	50	10
1,3-Dichlorobenzene	ug/Kg	1.0	< 50	50	4.3
1,4-Dichlorobenzene	ug/Kg	1.0	< 50	50	24
Dichlorodifluoromethane	ug/Kg	1.0	< 100	100	26
1,1-Dichloroethane	ug/Kg	1.0	< 60	60	29
1,2-Dichloroethane	ug/Kg	1.0	< 50	50	8.1
1,1-Dichloroethylene	ug/Kg	1.0	< 150	150	10
Cis-1,2-Dichloroethylene	ug/Kg	1.0	< 50	50	11
Trans-1,2-Dichloroethylene	ug/Kg	1.0	< 100	100	16
Dichlorofluoromethane	ug/Kg	1.0	< 100	100	9.2
1,2-Dichloropropane	ug/Kg	1.0	< 50	50	15
1,3-Dichloropropane	ug/Kg	1.0	< 50	50	16
2,2-Dichloropropane	ug/Kg	1.0	< 60	60	12

Northeast Technical Services, Inc.

315 Chestnut Street, P.O. Box 1142, Virginia, Minnesota 55792, (218) 741-4290

Analytical Report

Lab Number:	**S040071345**	**Date Collected:**	01/06/2004
Sample Description:	**U.S. Corps of Engineers**	**Date Received:**	01/07/2004
	Van White Blvd	**Date VOC Analyzed:**	01/17/2004
	04-17M-200 (6-8')	**Date Reported:**	01/19/2004
		Reported By:	MES
COC #:	**39015**	**VOC QC Pack:**	2-011604-2
NTS Project #:	**6368**		
Matrix: Soil		**MDH Laboratory #**	027-137-157

Parameter	Units	DF	Result	RL	MDL
1,1-Dichloropropene	ug/Kg	1.0	< 50	50	10
Cis-1,3-Dichloropropene	ug/Kg	1.0	< 50	50	10
Trans-1,3-Dichloropropene	ug/Kg	1.0	< 50	50	9.4
Hexachlorobutadiene	ug/Kg	1.0	< 60	60	19
Methylene Chloride	ug/Kg	1.0	< 100	100	34
1,1,1,2-Tetrachloroethane	ug/Kg	1.0	< 50	50	21
1,1,2,2-Tetrachloroethane	ug/Kg	1.0	< 100	100	63
Tetrachloroethylene	ug/Kg	1.0	< 50	50	15
1,2,3-Trichlorobenzene	ug/Kg	1.0	< 60	60	30
1,2,4-Trichlorobenzene	ug/Kg	1.0	< 50	50	12
1,1,1-Trichloroethane	ug/Kg	1.0	< 60	60	12
1,1,2-Trichloroethane	ug/Kg	1.0	< 50	50	3.2
Trichloroethylene	ug/Kg	1.0	< 50	50	9.1
Trichlorofluoromethane	ug/Kg	1.0	< 150	150	16
1,2,3-Trichloropropane	ug/Kg	1.0	< 50	50	9.3
1,1,2-Trichlorotrifluoroethane	ug/Kg	1.0	< 150	150	10
Vinyl Chloride	ug/Kg	1.0	< 100	100	39
Acetone	ug/Kg	1.0	< 1500	1500	120
Benzene	ug/Kg	1.0	78	50	6.8
n-Butylbenzene	ug/Kg	1.0	100	50	8.3
sec-Butylbenzene	ug/Kg	1.0	< 50	50	2.9
tert-Butylbenzene	ug/Kg	1.0	< 50	50	4.8
Isopropylbenzene (Cumene)	ug/Kg	1.0	83	50	3.1
Ethyl Benzene	ug/Kg	1.0	150	50	2.2
Ethyl Ether	ug/Kg	1.0	< 100	100	8.8
p-Isopropyltoluene	ug/Kg	1.0	< 50	50	3.3
Methyl Ethyl Ketone	ug/Kg	1.0	< 800	800	190
Methyl Isobutyl Ketone	ug/Kg	1.0	< 200	200	95
Methyl tert-butyl ether	ug/Kg	1.0	< 50	50	6.4
n-Propylbenzene	ug/Kg	1.0	100	50	3.0

Northeast Technical Services, Inc.

315 Chestnut Street, P.O. Box 1142, Virginia, Minnesota 55792, (218) 741-4290

Analytical Report

Lab Number:	**S040071345**	**Date Collected:**	01/06/2004
Sample Description:	**U.S. Corps of Engineers**	**Date Received:**	01/07/2004
	Van White Blvd	**Date VOC Analyzed:**	01/17/2004
	04-17M-200 (6-8')	**Date Reported:**	01/19/2004
		Reported By:	MES
COC #:	**39015**	**VOC QC Pack:**	2-011604-2
NTS Project #:	**6368**		
Matrix: Soil		**MDH Laboratory #**	027-137-157

Parameter	Units	DF	Result	RL	MDL
Naphthalene	ug/Kg	1.0	350	100	37
Styrene	ug/Kg	1.0	< 150	150	20
Tetrahydrofuran	ug/Kg	1.0	190	50	37
Toluene	ug/Kg	1.0	370	50	7.6
1,2,4-Trimethylbenzene	ug/Kg	1.0	210	50	5.8
1,3,5-Trimethylbenzene	ug/Kg	1.0	< 50	50	17
m-Xylene & p-Xylene	ug/Kg	1.0	410	100	7.4
o-Xylene	ug/Kg	1.0	400	50	2.2
Fluorobenzene (Surrogate Recovery)	%		101		
1,4-Dichlorobutane (Surrogate Recovery)	%		94		
Moisture	%		32		

VOCs analyzed according to SW846 8021 (MDH 465 Compound List).
MDL = Method Detection Limit
RL = Reporting Limit (Practical quantitation limit)
DF = Dilution Factor

Report approved by: _____ Analytical Chemist

Northeast Technical Services, Inc., makes no warranty except that the analysis has been made upon the samples received in accordance with generally accepted testing laboratory principles and practices. The results of the analysis may not be characteristic of the whole from which the sample was taken. This warranty is in lieu of all other warranties, either expressed or implied.

Northeast Technical Services, Inc.

315 Chestnut Street, P.O. Box 1142, Virginia, Minnesota 55792, (218) 741-4290

Analytical Report

Lab Number:	**S040071336**	**Date Collected:**	01/06/2004
Sample Description:	**U.S. Corps of Engineers**	**Date Received:**	01/07/2004
	Van White Blvd	**Date VOC Analyzed:**	01/15/2004
	04-17M-200	**Date Reported:**	01/19/2004
		Reported By:	MES
COC #:	**39015**	**VOC QC Pack:**	2-011504-1
NTS Project #:	**6368**		
Matrix: Water		**MDH Laboratory #**	027-137-157
		Sample pH:	< 2

Parameter	Units	DF	Result	RL	MDL	
Allyl Chloride	ug/L	1.0	< 1.0	1.0	0.4	a
Bromobenzene	ug/L	1.0	< 1.0	1.0	0.9	
Bromochloromethane	ug/L	1.0	< 1.0	1.0	0.5	
Bromodichloromethane	ug/L	1.0	< 1.0	1.0	0.5	
Bromoform	ug/L	1.0	< 1.0	1.0	0.4	
Bromomethane	ug/L	1.0	< 4.0	4.0	1.0	
Carbon Tetrachloride	ug/L	1.0	< 1.0	1.0	0.5	
Chlorobenzene	ug/L	1.0	< 1.0	1.0	0.6	
Chloroethane	ug/L	1.0	< 2.0	2.0	0.4	
Chloroform	ug/L	1.0	< 1.0	1.0	0.6	
Chloromethane	ug/L	1.0	< 4.0	4.0	0.5	
2-Chlorotoluene	ug/L	1.0	< 1.0	1.0	0.5	
4-Chlorotoluene	ug/L	1.0	< 1.0	1.0	0.4	
Dibromochloromethane	ug/L	1.0	< 1.0	1.0	0.3	
1,2-Dibromo-3-chloropropane	ug/L	1.0	< 2.0	2.0	0.3	
1,2-Dibromoethane	ug/L	1.0	< 1.0	1.0	0.3	
Dibromomethane	ug/l	1.0	< 1.0	1.0	0.5	
1,2-Dichlorobenzene	ug/L	1.0	< 1.0	1.0	0.4	
1,3-Dichlorobenzene	ug/L	1.0	< 1.0	1.0	0.9	
1,4-Dichlorobenzene	ug/L	1.0	< 1.0	1.0	0.8	
Dichlorodifluoromethane	ug/L	1.0	< 2.0	2.0	1.0	
1,1-Dichloroethane	ug/L	1.0	< 1.0	1.0	0.5	
1,2-Dichloroethane	ug/L	1.0	< 1.0	1.0	0.5	
1,1-Dichloroethylene	ug/L	1.0	< 1.0	1.0	0.4	
Cis-1,2-Dichloroethylene	ug/L	1.0	< 1.0	1.0	0.5	
Trans-1,2-Dichloroethylene	ug/L	1.0	< 1.0	1.0	0.6	
Dichlorofluoromethane	ug/L	1.0	< 2.0	2.0	0.6	
1,2-Dichloropropane	ug/L	1.0	< 1.0	1.0	0.5	
1,3-Dichloropropane	ug/L	1.0	< 1.0	1.0	0.5	
2,2-Dichloropropane	ug/L	1.0	< 1.0	1.0	0.3	

Northeast Technical Services, Inc.

315 Chestnut Street, P.O. Box 1142, Virginia, Minnesota 55792, (218) 741-4290

Analytical Report

Lab Number:	**S040071336**	**Date Collected:**	01/06/2004
Sample Description:	**U.S. Corps of Engineers**	**Date Received:**	01/07/2004
	Van White Blvd	**Date VOC Analyzed:**	01/15/2004
	04-17M-200	**Date Reported:**	01/19/2004
		Reported By:	MES
COC #:	**39015**	**VOC QC Pack:**	2-011504-1
NTS Project #:	**6368**		
Matrix: Water		**MDH Laboratory #**	027-137-157
		Sample pH:	< 2

Parameter	Units	DF	Result	RL	MDL
1,1-Dichloropropene	ug/L	1.0	< 1.0	1.0	0.5
Cis-1,3-Dichloropropene	ug/L	1.0	< 1.0	1.0	0.4
Trans-1,3-Dichloropropene	ug/L	1.0	< 1.0	1.0	0.3
Hexachlorobutadiene	ug/L	1.0	< 1.0	1.0	0.7
Methylene Chloride	ug/L	1.0	< 2.0	2.0	0.6
1,1,1,2-Tetrachloroethane	ug/L	1.0	< 1.0	1.0	0.6
1,1,2,2-Tetrachloroethane	ug/L	1.0	< 1.0	1.0	0.4
Tetrachloroethylene	ug/L	1.0	< 1.0	1.0	0.5
1,2,3-Trichlorobenzene	ug/L	1.0	< 2.0	2.0	0.7
1,2,4-Trichlorobenzene	ug/L	1.0	< 2.0	2.0	1.3
1,1,1-Trichloroethane	ug/L	1.0	< 1.0	1.0	0.5
1,1,2-Trichloroethane	ug/L	1.0	< 1.0	1.0	0.6
Trichloroethylene	ug/L	1.0	< 1.0	1.0	0.6
Trichlorofluoromethane	ug/L	1.0	< 2.0	2.0	0.5
1,2,3-Trichloropropane	ug/L	1.0	< 1.0	1.0	0.4
1,1,2-Trichlorotrifluoroethane	ug/L	1.0	< 1.0	1.0	0.5
Vinyl Chloride	ug/L	1.0	< 1.0	1.0	0.6
Acetone	ug/L	1.0	< 30	30	1.7
Benzene	ug/L	1.0	< 1.0	1.0	0.4
n-Butylbenzene	ug/L	1.0	< 1.0	1.0	0.3
sec-Butylbenzene	ug/L	1.0	< 1.0	1.0	0.3
tert-Butylbenzene	ug/L	1.0	< 1.0	1.0	0.3
Isopropylbenzene (Cumene)	ug/L	1.0	< 1.0	1.0	0.3
Ethyl Benzene	ug/L	1.0	< 1.0	1.0	0.3
Ethyl Ether	ug/L	1.0	< 1.0	1.0	0.4
p-Isopropyltoluene	ug/L	1.0	< 1.0	1.0	0.2
Methyl Ethyl Ketone	ug/L	1.0	< 10	10	0.9
Methyl Isobutyl Ketone	ug/L	1.0	< 10	10	0.4
Methyl tert-butyl ether	ug/L	1.0	< 1.0	1.0	0.3
n-Propylbenzene	ug/L	1.0	< 1.0	1.0	0.3

Northeast Technical Services, Inc.

315 Chestnut Street, P.O. Box 1142, Virginia, Minnesota 55792, (218) 741-4290

Analytical Report

Lab Number:	**S040071336**	**Date Collected:**	01/06/2004
Sample Description:	**U.S. Corps of Engineers**	**Date Received:**	01/07/2004
	Van White Blvd	**Date VOC Analyzed:**	01/15/2004
	04-17M-200	**Date Reported:**	01/19/2004
		Reported By:	MES
COC #:	**39015**	**VOC QC Pack:**	2-011504-1
NTS Project #:	**6368**		
Matrix: Water		**MDH Laboratory #**	027-137-157
		Sample pH:	< 2

Parameter	Units	DF	Result	RL	MDL
Naphthalene	ug/L	1.0	< 2.0	2.0	1.0
Styrene	ug/L	1.0	< 2.0	2.0	0.4
Tetrahydrofuran	ug/L	1.0	< 2.0	2.0	0.7
Toluene	ug/L	1.0	< 1.0	1.0	0.4
1,2,4-Trimethylbenzene	ug/L	1.0	< 1.0	1.0	0.3
1,3,5-Trimethylbenzene	ug/L	1.0	< 1.0	1.0	0.3
m-Xylene & p-Xylene	ug/L	1.0	< 2.0	2.0	0.6
o-Xylene	ug/L	1.0	< 1.0	1.0	0.5
Fluorobenzene (Surrogate Recovery)	%		102		
1,4-Dichlorobutane (Surrogate Recovery)	%		94		

VOCs analyzed according to SW846 8021 (MDH 465 Compound List).
MDL = Method Detection Limit
RL = Reporting Limit (Practical quantitation limit)
DF = Dilution Factor

Report approved by: _____ Analytical Chemist

Northeast Technical Services, Inc., makes no warranty except that the analysis has been made upon the samples received in accordance with generally accepted testing laboratory principles and practices. The results of the analysis may not be characteristic of the whole from which the sample was taken. This warranty is in lieu of all other warranties, either expressed or implied.

Northeast Technical Services, Inc.

315 Chestnut Street, P.O. Box 1142, Virginia, Minnesota 55792, (218) 741-4290

Analytical Report

Lab Number:	**S04007133B**	**Date Collected:**	01/06/2004
Sample Description:	**U.S. Corps of Engineers**	**Date Received:**	01/07/2004
	Van White Blvd	**Date VOC Analyzed:**	01/15/2004
	04-17M-400 (rinsate)	**Date Reported:**	01/19/2004
		Reported By:	MES
COC #:	**39015**	**VOC QC Pack:**	2-011504-1
NTS Project #:	**6368**		
Matrix: Water		**MDH Laboratory #**	027-137-157
		Sample pH:	< 2

Parameter	Units	DF	Result	RL	MDL	
Allyl Chloride	ug/L	1.0	< 1.0	1.0	0.4	a
Bromobenzene	ug/L	1.0	< 1.0	1.0	0.9	
Bromochloromethane	ug/L	1.0	< 1.0	1.0	0.5	
Bromodichloromethane	ug/L	1.0	< 1.0	1.0	0.5	
Bromoform	ug/L	1.0	< 1.0	1.0	0.4	
Bromomethane	ug/L	1.0	< 4.0	4.0	1.0	
Carbon Tetrachloride	ug/L	1.0	< 1.0	1.0	0.5	
Chlorobenzene	ug/L	1.0	< 1.0	1.0	0.6	
Chloroethane	ug/L	1.0	< 2.0	2.0	0.4	
Chloroform	ug/L	1.0	< 1.0	1.0	0.6	
Chloromethane	ug/L	1.0	< 4.0	4.0	0.5	
2-Chlorotoluene	ug/L	1.0	< 1.0	1.0	0.5	
4-Chlorotoluene	ug/L	1.0	< 1.0	1.0	0.4	
Dibromochloromethane	ug/L	1.0	< 1.0	1.0	0.3	
1,2-Dibromo-3-chloropropane	ug/L	1.0	< 2.0	2.0	0.3	
1,2-Dibromoethane	ug/L	1.0	< 1.0	1.0	0.3	
Dibromomethane	ug/l	1.0	< 1.0	1.0	0.5	
1,2-Dichlorobenzene	ug/L	1.0	< 1.0	1.0	0.4	
1,3-Dichlorobenzene	ug/L	1.0	< 1.0	1.0	0.9	
1,4-Dichlorobenzene	ug/L	1.0	< 1.0	1.0	0.8	
Dichlorodifluoromethane	ug/L	1.0	< 2.0	2.0	1.0	
1,1-Dichloroethane	ug/L	1.0	< 1.0	1.0	0.5	
1,2-Dichloroethane	ug/L	1.0	< 1.0	1.0	0.5	
1,1-Dichloroethylene	ug/L	1.0	< 1.0	1.0	0.4	
Cis-1,2-Dichloroethylene	ug/L	1.0	< 1.0	1.0	0.5	
Trans-1,2-Dichloroethylene	ug/L	1.0	< 1.0	1.0	0.6	
Dichlorofluoromethane	ug/L	1.0	< 2.0	2.0	0.6	
1,2-Dichloropropane	ug/L	1.0	< 1.0	1.0	0.5	
1,3-Dichloropropane	ug/L	1.0	< 1.0	1.0	0.5	
2,2-Dichloropropane	ug/L	1.0	< 1.0	1.0	0.3	

Northeast Technical Services, Inc.

315 Chestnut Street, P.O. Box 1142, Virginia, Minnesota 55792, (218) 741-4290

Analytical Report

Lab Number:	**S04007133B**	**Date Collected:**	01/06/2004
Sample Description:	**U.S. Corps of Engineers**	**Date Received:**	01/07/2004
	Van White Blvd	**Date VOC Analyzed:**	01/15/2004
	04-17M-400 (rinsate)	**Date Reported:**	01/19/2004
		Reported By:	MES
COC #:	**39015**	**VOC QC Pack:**	2-011504-1
NTS Project #:	**6368**		
Matrix: Water		**MDH Laboratory #**	027-137-157
		Sample pH:	< 2

Parameter	Units	DF	Result	RL	MDL
1,1-Dichloropropene	ug/L	1.0	< 1.0	1.0	0.5
Cis-1,3-Dichloropropene	ug/L	1.0	< 1.0	1.0	0.4
Trans-1,3-Dichloropropene	ug/L	1.0	< 1.0	1.0	0.3
Hexachlorobutadiene	ug/L	1.0	< 1.0	1.0	0.7
Methylene Chloride	ug/L	1.0	< 2.0	2.0	0.6
1,1,1,2-Tetrachloroethane	ug/L	1.0	< 1.0	1.0	0.6
1,1,2,2-Tetrachloroethane	ug/L	1.0	< 1.0	1.0	0.4
Tetrachloroethylene	ug/L	1.0	< 1.0	1.0	0.5
1,2,3-Trichlorobenzene	ug/L	1.0	< 2.0	2.0	0.7
1,2,4-Trichlorobenzene	ug/L	1.0	< 2.0	2.0	1.3
1,1,1-Trichloroethane	ug/L	1.0	< 1.0	1.0	0.5
1,1,2-Trichloroethane	ug/L	1.0	< 1.0	1.0	0.6
Trichloroethylene	ug/L	1.0	< 1.0	1.0	0.6
Trichlorofluoromethane	ug/L	1.0	< 2.0	2.0	0.5
1,2,3-Trichloropropane	ug/L	1.0	< 1.0	1.0	0.4
1,1,2-Trichlorotrifluoroethane	ug/L	1.0	< 1.0	1.0	0.5
Vinyl Chloride	ug/L	1.0	< 1.0	1.0	0.6
Acetone	ug/L	1.0	< 30	30	1.7
Benzene	ug/L	1.0	< 1.0	1.0	0.4
n-Butylbenzene	ug/L	1.0	< 1.0	1.0	0.3
sec-Butylbenzene	ug/L	1.0	< 1.0	1.0	0.3
tert-Butylbenzene	ug/L	1.0	< 1.0	1.0	0.3
Isopropylbenzene (Cumene)	ug/L	1.0	< 1.0	1.0	0.3
Ethyl Benzene	ug/L	1.0	< 1.0	1.0	0.3
Ethyl Ether	ug/L	1.0	< 1.0	1.0	0.4
p-Isopropyltoluene	ug/L	1.0	< 1.0	1.0	0.2
Methyl Ethyl Ketone	ug/L	1.0	< 10	10	0.9
Methyl Isobutyl Ketone	ug/L	1.0	< 10	10	0.4
Methyl tert-butyl ether	ug/L	1.0	< 1.0	1.0	0.3
n-Propylbenzene	ug/L	1.0	< 1.0	1.0	0.3

Northeast Technical Services, Inc.

315 Chestnut Street, P.O. Box 1142, Virginia, Minnesota 55792, (218) 741-4290

Analytical Report

Lab Number:	**S04007133B**	**Date Collected:**	01/06/2004
Sample Description:	**U.S. Corps of Engineers**	**Date Received:**	01/07/2004
	Van White Blvd	**Date VOC Analyzed:**	01/15/2004
	04-17M-400 (rinsate)	**Date Reported:**	01/19/2004
		Reported By:	MES
COC #:	**39015**	**VOC QC Pack:**	2-011504-1
NTS Project #:	**6368**		
Matrix: Water		**MDH Laboratory #**	027-137-157
		Sample pH:	< 2

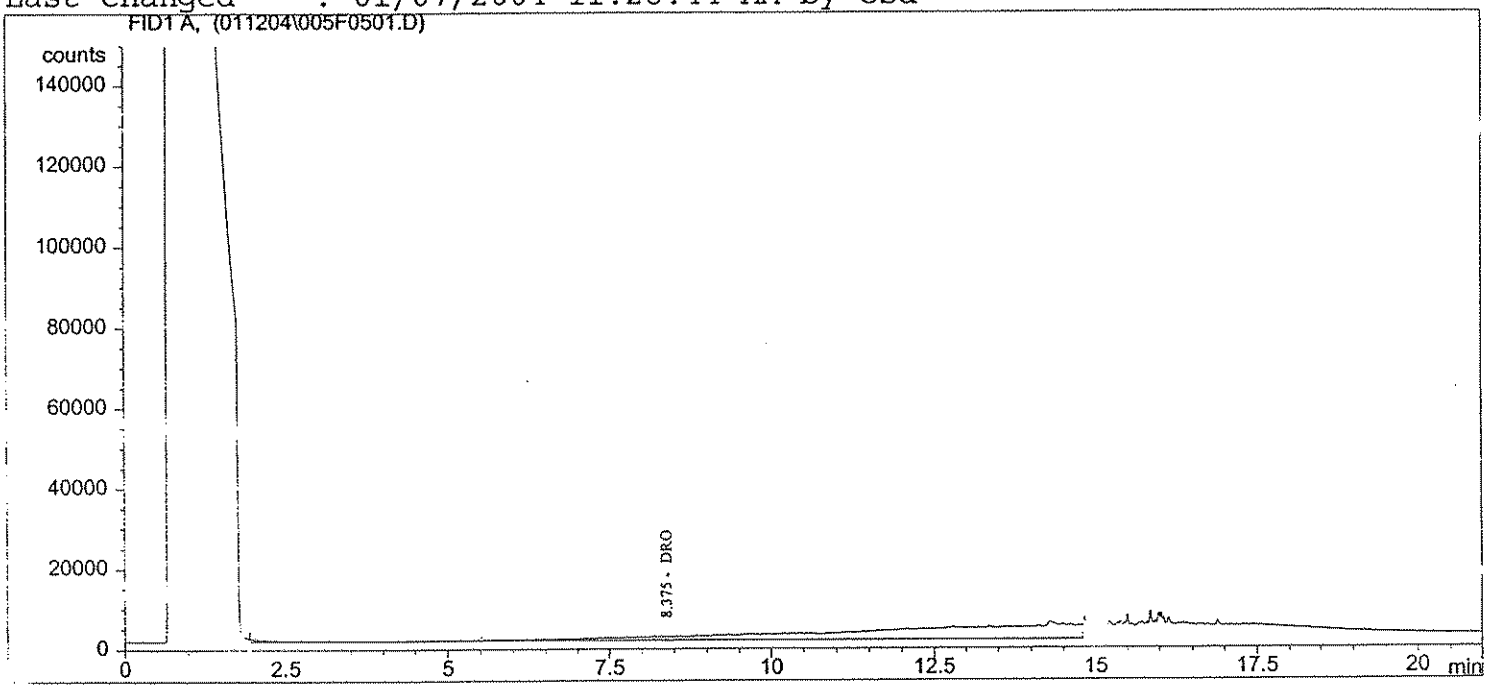
Parameter	Units	DF	Result	RL	MDL
Naphthalene	ug/L	1.0	< 2.0	2.0	1.0
Styrene	ug/L	1.0	< 2.0	2.0	0.4
Tetrahydrofuran	ug/L	1.0	< 2.0	2.0	0.7
Toluene	ug/L	1.0	< 1.0	1.0	0.4
1,2,4-Trimethylbenzene	ug/L	1.0	< 1.0	1.0	0.3
1,3,5-Trimethylbenzene	ug/L	1.0	< 1.0	1.0	0.3
m-Xylene & p-Xylene	ug/L	1.0	< 2.0	2.0	0.6
o-Xylene	ug/L	1.0	< 1.0	1.0	0.5
Fluorobenzene (Surrogate Recovery)	%		101		
1,4-Dichlorobutane (Surrogate Recovery)	%		95		

VOCs analyzed according to SW846 8021 (MDH 465 Compound List).
MDL = Method Detection Limit
RL = Reporting Limit (Practical quantitation limit)
DF = Dilution Factor

Report approved by: _____ Analytical Chemist

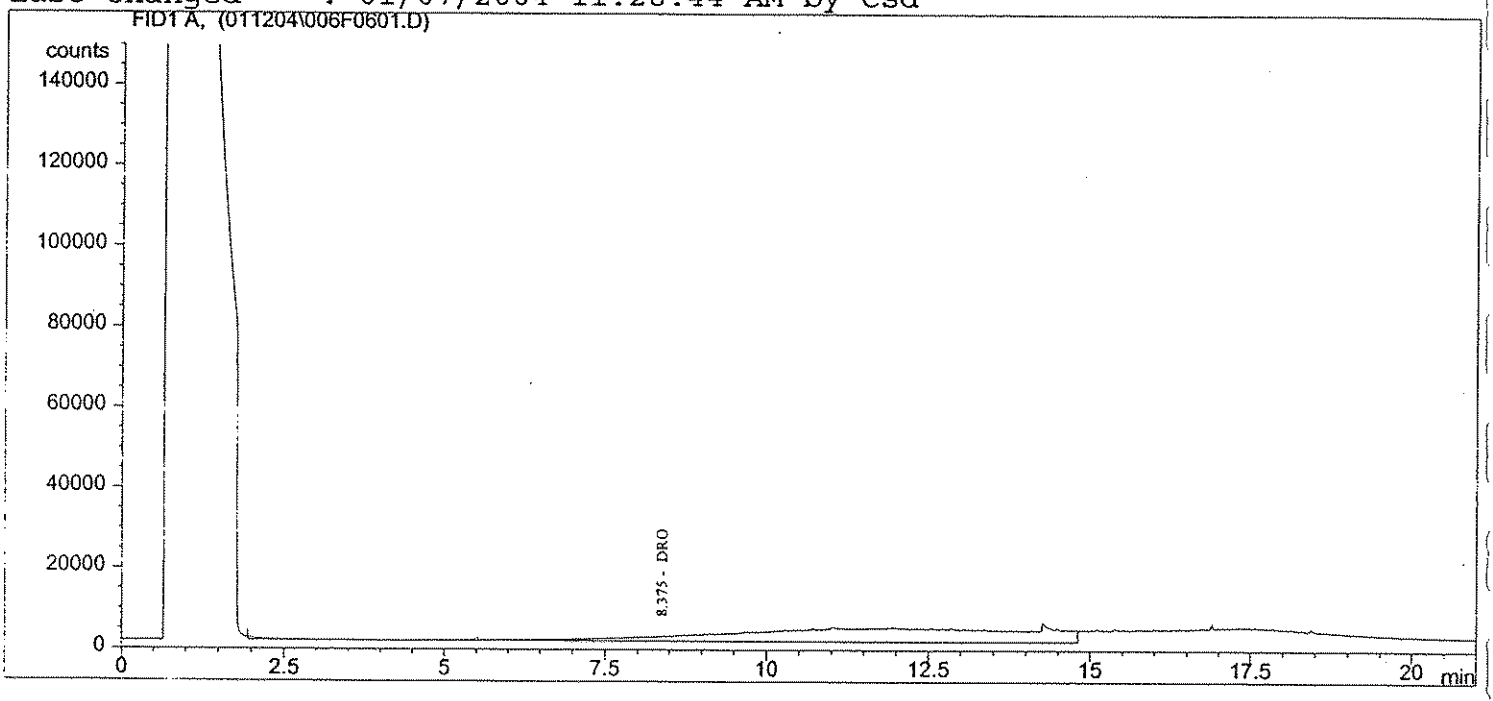
Northeast Technical Services, Inc., makes no warranty except that the analysis has been made upon the samples received in accordance with generally accepted testing laboratory principles and practices. The results of the analysis may not be characteristic of the whole from which the sample was taken. This warranty is in lieu of all other warranties, either expressed or implied.

```
==============================================================================
Injection Date  : 01/12/2004 4:48:15 PM          Seq. Line :   5
Sample Name     : 040071309 u.s.                      Vial :   5
Acq. Operator   : csd                                  Inj :   1
                                                Inj Volume : 2 µl

Acq. Method     : D:\HPCHEM\7\METHODS\!GC7ACQ.M
Last changed    : 12/22/2003 9:01:02 AM by csd
Analysis Method : D:\HPCHEM\7\METHODS\D121203L.M
Last changed    : 01/07/2004 11:28:44 AM by csd
```




```
==============================================================================
                        External Standard Report
==============================================================================

Sorted By             :      Signal
Calib. Data Modified  :      Thursday, December 18, 2003 2:51:56 PM
Multiplier            :      1.0000
Dilution              :      1.0000
Sample Amount         :      1.00000  [ppm]    (not used in calc.)

Signal 1: FID1 A,

RetTime  Type      Area      Amt/Area     Amount    Grp   Name
 [min]           counts*s                 [ppm]
-------|------|----------|----------|----------|--|------------------
  8.375 HHA+    9.71116e5  1.53083e-7 1.48661e-1     DRO

Totals :                                1.48661e-1

 Results obtained with enhanced integrator!
==============================================================================
                          *** End of Report ***
```

```
Injection Date   : 01/12/2004 5:17:21 PM          Seq. Line :   6
Sample Name      : 040071334 u.s.                     Vial :   6
Acq. Operator    : csd                                 Inj :   1
                                                Inj Volume : 2 µl
Acq. Method      : D:\HPCHEM\7\METHODS\!GC7ACQ.M
Last changed     : 12/22/2003 9:01:02 AM by csd
Analysis Method  : D:\HPCHEM\7\METHODS\D121203L.M
Last changed     : 01/07/2004 11:28:44 AM by csd
```

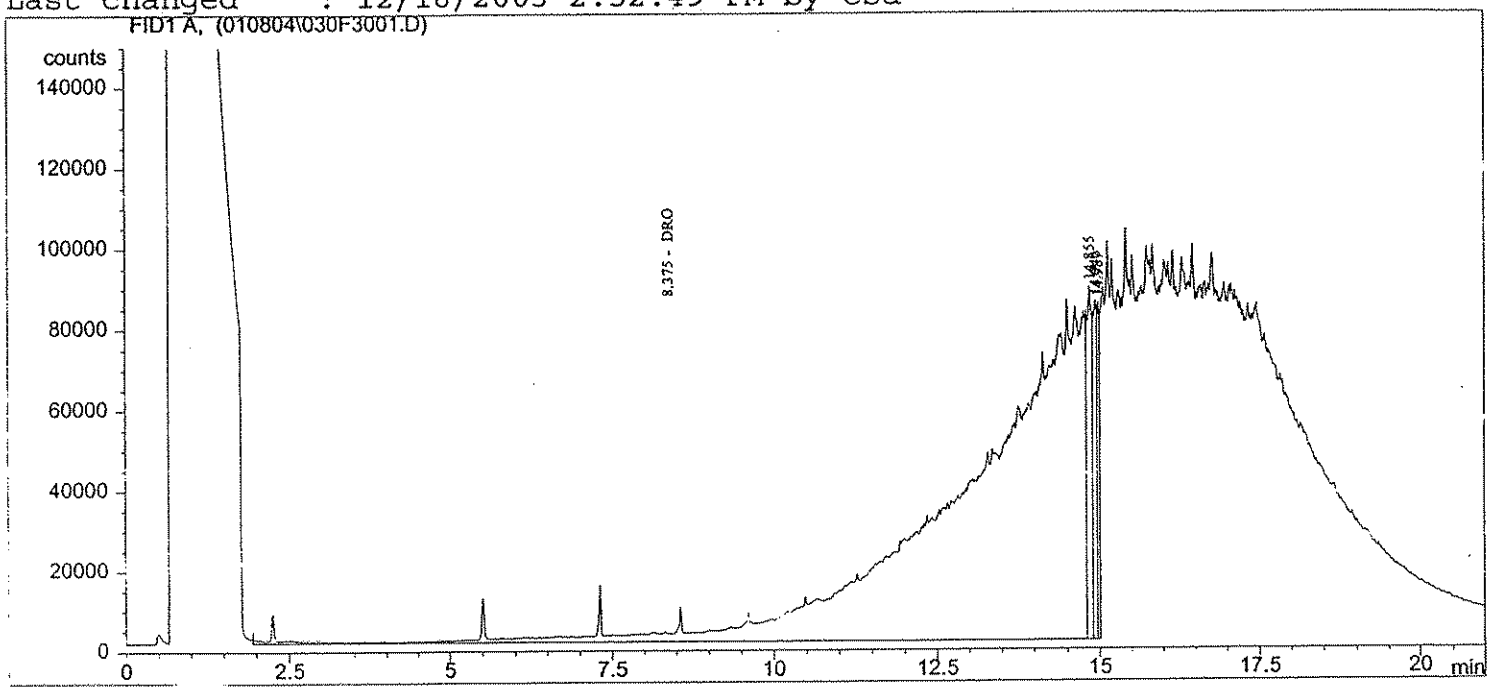


External Standard Report

```
Sorted By             :      Signal
Calib. Data Modified  :      Thursday, December 18, 2003 2:51:56 PM
Multiplier            :      1.0000
Dilution              :      1.0000
Sample Amount         :      1.00000  [ppm]   (not used in calc.)

Signal 1: FID1 A,

RetTime  Type     Area       Amt/Area     Amount    Grp   Name
 [min]          counts*s                  [ppm]
-------|------|----------|----------|----------|--|-----------------
  8.375 HHA+   1.24193e6  1.58820e-7 1.97244e-1     DRO

Totals :                                1.97244e-1

 Results obtained with enhanced integrator!
```

*** End of Report ***

```
Injection Date   : 01/09/2004 12:14:26 AM          Seq. Line :  30
Sample Name      : 040071344 u.s.                      Vial :  30
Acq. Operator    : csd                                  Inj :   1
                                                Inj Volume : 2 µl

Acq. Method      : D:\HPCHEM\7\METHODS\!GC7ACQ.M
Last changed     : 12/22/2003 9:01:02 AM by csd
Analysis Method  : D:\HPCHEM\7\METHODS\D121203H.M
Last changed     : 12/18/2003 2:52:49 PM by csd
```



External Standard Report

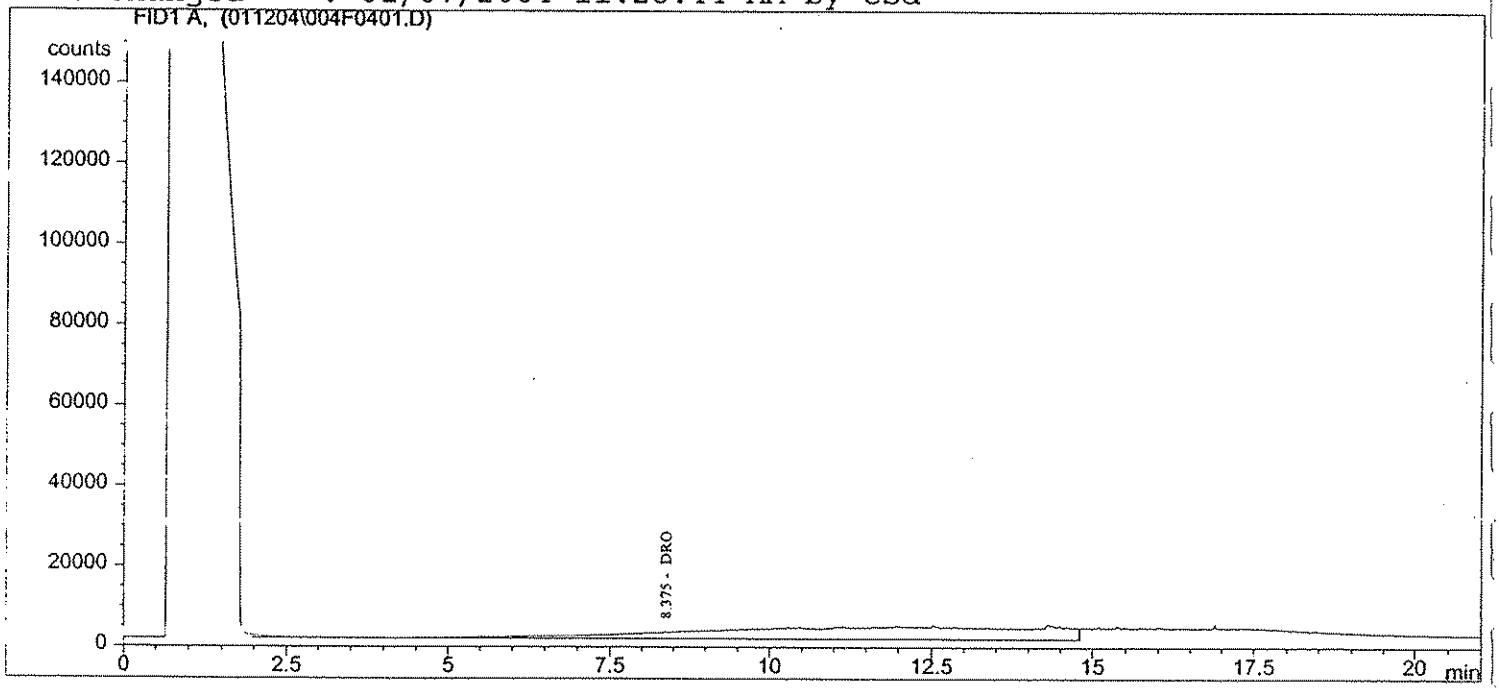
```
Sorted By             :      Signal
Calib. Data Modified  :      Thursday, December 18, 2003 2:52:24 PM
Multiplier            :      1.0000
Dilution              :      1.0000
Sample Amount         :      1.00000  [ppm]   (not used in calc.)

Signal 1: FID1 A,
```

RetTime [min]	Type	Area counts*s	Amt/Area	Amount [ppm]	Grp	Name
8.375	HHA+	1.06088e7	1.74336e-7	1.84949		DRO

```
Totals :                                  1.84949

 Results obtained with enhanced integrator!
```

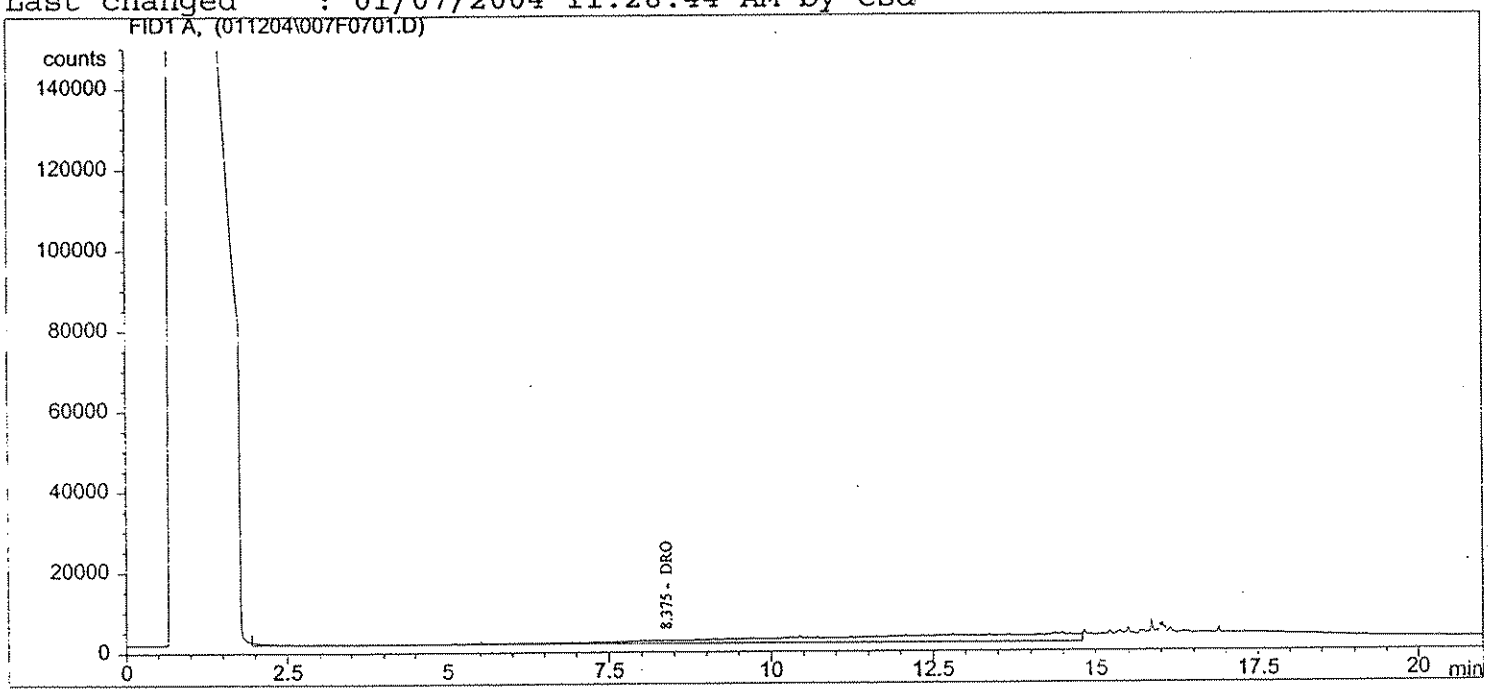
*** End of Report ***

```
==========================================================================
Injection Date  : 01/12/2004 4:19:12 PM          Seq. Line :   4
Sample Name     : 04007133a u.s.                      Vial :   4
Acq. Operator   : csd                                  Inj :   1
                                                 Inj Volume : 2 µl

Acq. Method     : D:\HPCHEM\7\METHODS\!GC7ACQ.M
Last changed    : 12/22/2003 9:01:02 AM by csd
Analysis Method : D:\HPCHEM\7\METHODS\D121203L.M
Last changed    : 01/07/2004 11:28:44 AM by csd
```



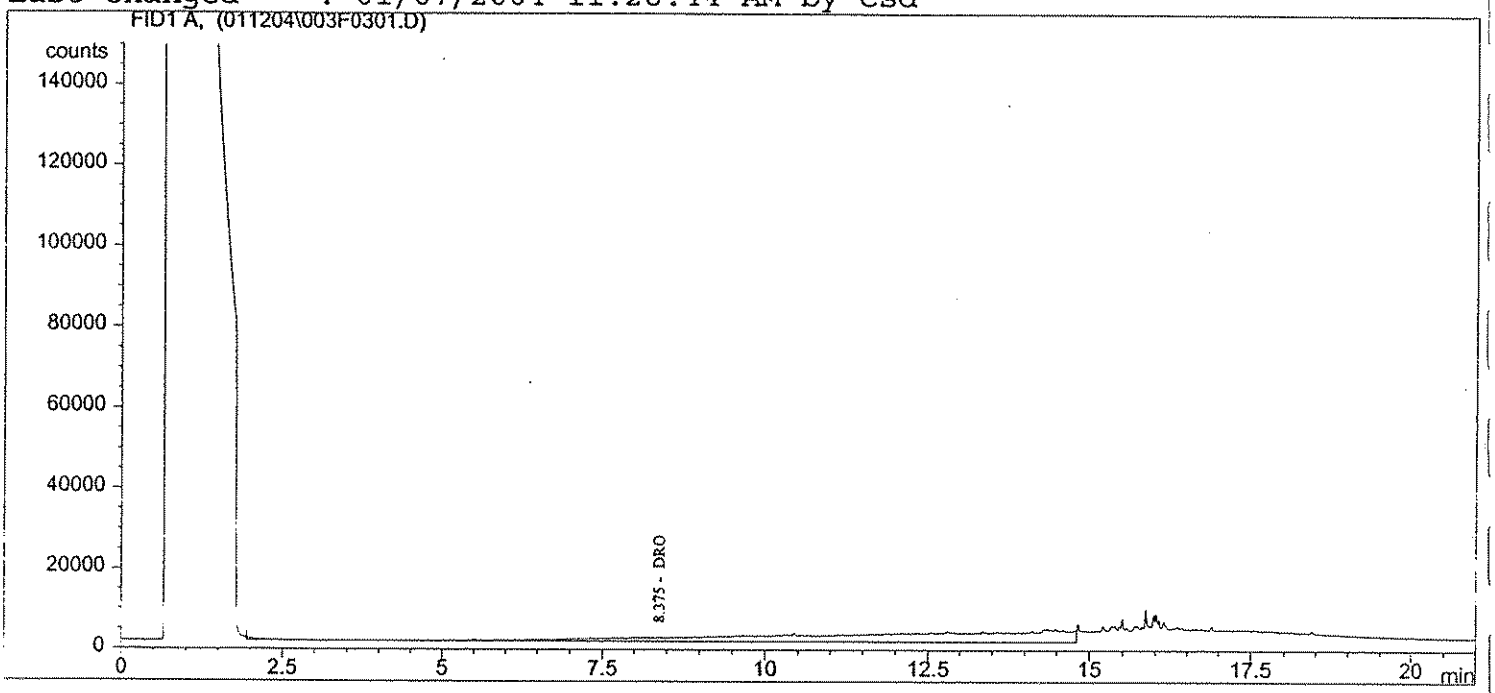

```
==========================================================================
                        External Standard Report
==========================================================================

Sorted By             :      Signal
Calib. Data Modified  :      Thursday, December 18, 2003 2:51:56 PM
Multiplier            :      1.0000
Dilution              :      1.0000
Sample Amount         :      1.00000  [ppm]    (not used in calc.)

Signal 1: FID1 A,

RetTime  Type      Area      Amt/Area    Amount    Grp   Name
 [min]          counts*s                 [ppm]
-------|------|----------|----------|----------|--|------------------
  8.375 HHA+   1.22006e6  1.58452e-7 1.93321e-1     DRO

Totals :                                1.93321e-1

 Results obtained with enhanced integrator!
==========================================================================
                          *** End of Report ***
```

```
==============================================================================
Injection Date  : 01/12/2004 5:46:27 PM          Seq. Line :   7
Sample Name     : 040071336 u.s.                      Vial :   7
Acq. Operator   : csd                                 Inj :   1
                                                 Inj Volume : 2 µl

Acq. Method     : D:\HPCHEM\7\METHODS\!GC7ACQ.M
Last changed    : 12/22/2003 9:01:02 AM by csd
Analysis Method : D:\HPCHEM\7\METHODS\D121203L.M
Last changed    : 01/07/2004 11:28:44 AM by csd
```




```
==============================================================================
                        External Standard Report
==============================================================================

Sorted By             :      Signal
Calib. Data Modified  :      Thursday, December 18, 2003 2:51:56 PM
Multiplier            :      1.0000
Dilution              :      1.0000
Sample Amount         :      1.00000  [ppm]   (not used in calc.)

Signal 1: FID1 A,

RetTime  Type     Area      Amt/Area    Amount    Grp   Name
 [min]          counts*s                [ppm]
-------|------|----------|----------|----------|--|------------------
  8.375 HHA+   6.56520e5  1.40475e-7 9.22243e-2-    DRO

Totals :                                9.22243e-2

 Results obtained with enhanced integrator!
1 Warnings or Errors :

Warning : Amount limits exceeded

==============================================================================
                          *** End of Report ***
```

```
Injection Date   : 01/12/2004 3:50:15 PM          Seq. Line :   3
Sample Name      : 040071337 u.s.                     Vial :   3
Acq. Operator    : csd                                 Inj :   1
                                                Inj Volume : 2 µl
Acq. Method      : D:\HPCHEM\7\METHODS\!GC7ACQ.M
Last changed     : 12/22/2003 9:01:02 AM by csd
Analysis Method  : D:\HPCHEM\7\METHODS\D121203L.M
Last changed     : 01/07/2004 11:28:44 AM by csd
```



External Standard Report

```
Sorted By             :      Signal
Calib. Data Modified  :      Thursday, December 18, 2003 2:51:56 PM
Multiplier            :      1.0000
Dilution              :      1.0000
Sample Amount         :      1.00000  [ppm]   (not used in calc.)

Signal 1: FID1 A,

RetTime  Type     Area      Amt/Area    Amount    Grp   Name
 [min]          counts*s                [ppm]
-------|------|----------|----------|----------|--|-----------------
  8.375 HHA+   8.54116e5  1.49479e-7 1.27672e-1     DRO

Totals :                               1.27672e-1

 Results obtained with enhanced integrator!
```

*** End of Report ***

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. - New Ulm, MN 56073 - 800-782-3557 - Fax 507-359-2890
1411 S. 12th St. - Bismarck, ND 58502 - 800-279-6885 - Fax 701-258-9724
710 S. 14th St. - Grand Forks, ND 58201 - 800-272-7645 - Fax 701-772-0028
35 W. Lincoln Way - Nevada, IA 50201 - 800-362-0855 - Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-A646
Work Order #:22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: GROUNDWATER
Date Sampled: 6 Jan Ø4
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ7133B
Ø4-17M-4ØØ(RINSEATE)

Temperature at Receipt: 2.Ø C

	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
6Ø8/8Ø81/8Ø82 Extraction					12 Jan Ø4	LM
PCB-1Ø16	< Ø.77 !	ug/L	Ø.7	SW8Ø82	14 Jan Ø4	Robert L.
PCB-1221	< 1.1 !	ug/L	1	SW8Ø82	14 Jan Ø4	Robert L.
PCB-1232	< Ø.66 !	ug/L	Ø.6	SW8Ø82	14 Jan Ø4	Robert L.
PCB-1242	< Ø.66 !	ug/L	Ø.6	SW8Ø82	14 Jan Ø4	Robert L.
PCB-1248	< Ø.83 !	ug/L	Ø.8	SW8Ø82	14 Jan Ø4	Robert L.
PCB-1254	< Ø.66 !	ug/L	Ø.6	SW8Ø82	14 Jan Ø4	Robert L.
PCB-126Ø	< Ø.33 !	ug/L	Ø.3	SW8Ø82	14 Jan Ø4	Robert L.

2,4,5,6-TETRACHLORO-m-XYLENE (SURROGATE) RECOVERY: 85 %
DECACHLOROBIPHENYL (SURROGATE) RECOVERY: 93 %

Approved by:
Dan O'Connell, Organic
Laboratory Manager New Ulm, MN

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix # = Due to sample concentration
! = Due to sample quantity + = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447698Ø ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not posible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. - New Ulm, MN 56073 - 800-782-3557 - Fax 507-359-2890
1411 S. 12th St. - Bismarck, ND 58502 - 800-279-6885 - Fax 701-258-9724
710 S. 14th St. - Grand Forks, ND 58201 - 800-272-7645 - Fax 701-772-0028
35 W. Lincoln Way - Nevada, IA 50201 - 800-362-0855 - Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-A646
Work Order: 22-ØØØ7
Account #: ØZØØ15
Sample Matrix: GROUNDWATER
Date Sampled: 6 Jan Ø4
Sampled By:
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ7133B
Ø4-17M-4ØØ(RINSEATE)

Temperature at Receipt: 2.Ø C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
625/8270 SVMS Extraction						9 Jan Ø4	Robert L.
Acenaphthene	83-32-9	< 3.2 !	ug/L	1.6	SW8270C	13 Jan Ø4	JG
Acenaphthylene	208-96-8	< 3 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
Acetophenone	98-86-2	< 3 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
4-Aminobiphenyl	92-67-1	< 7.4 !	ug/L	3.7	SW8270C	13 Jan Ø4	JG
Aniline	62-53-3	< 6.8 !	ug/L	3.4	SW8270C	13 Jan Ø4	JG
Anthracene	120-12-7	< 3 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
Benzidine	92-87-5	< 20 !	ug/L	10	SW8270C	13 Jan Ø4	JG
Benzo(a)anthracene	56-55-3	< 2.8 !	ug/L	1.4	SW8270C	13 Jan Ø4	JG
Benzo(a)pyrene	50-32-8	< 3 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
Benzo(b)fluoranthene	205-99-2	< 2.8 !	ug/L	1.4	SW8270C	13 Jan Ø4	JG
Benzo(ghi)perylene	191-24-2	< 3 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
Benzo(k)fluoranthene	207-08-9	< 3.2 !	ug/L	1.6	SW8270C	13 Jan Ø4	JG
Benzoic Acid	65-85-0	< 40 !	ug/L	20	SW8270C	13 Jan Ø4	JG
Benzyl Alcohol	100-51-6	< 2 !	ug/L	1	SW8270C	13 Jan Ø4	JG
Benzyl Butyl Phthalate	85-68-7	< 3 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
Bis(2-chloroethoxy)methane	111-91-1	< 3.2 !	ug/L	1.6	SW8270C	13 Jan Ø4	JG
Bis(2-chloroethyl)ether	111-44-4	< 4 !	ug/L	2	SW8270C	13 Jan Ø4	JG
Bis(2-chloroisopropyl)ether	108-60-1	< 2.6 !	ug/L	1.3	SW8270C	13 Jan Ø4	JG
Bis(2-ethylhexyl)phthalate	117-81-7	< 5.2 !	ug/L	2.6	SW8270C	13 Jan Ø4	JG
4-Bromophenyl Pheny! Ether	101-55-3	< 3.4 !	ug/L	1.7	SW8270C	13 Jan Ø4	JG
4-Chloro-3-methyl phenol	59-50-7	< 3 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix # = Due to sample concentration
! = Due to sample quantity + = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not possible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. - New Ulm, MN 56073 - 800-782-3557 - Fax 507-359-2890
1411 S. 12th St. - Bismarck, ND 58502 - 800-279-6885 - Fax 701-258-9724
710 S. 14th St. - Grand Forks, ND 58201 - 800-272-7645 - Fax 701-772-0028
35 W. Lincoln Way - Nevada, IA 50201 - 800-362-0855 - Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-A646
Work Order: 22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: GROUNDWATER
Date Sampled: 6 Jan Ø4
Sampled By:
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ7133B
Ø4-17M-4ØØ(RINSEATE)

Temperature at Receipt: 2.Ø C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
4-Chloroaniline	106-47-8	< 10 !	ug/L	5	SW8270C	13 Jan Ø4	JG
1-Chloronaphthalene	90-13-1	< 3 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
2-Chloronaphthalene	91-58-7	< 3 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
2-Chlorophenol	95-57-8	< 4 !	ug/L	2	SW8270C	13 Jan Ø4	JG
4-Chlorophenyl Phenyl Ether	7005-72-3	< 3 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
Chrysene	218-01-9	< 3 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
Di-n-butyl phthalate	84-74-2	< 3.4 !	ug/L	1.7	SW8270C	13 Jan Ø4	JG
Di-n-octyl phthalate	117-84-0	< 2.6 !	ug/L	1.3	SW8270C	13 Jan Ø4	JG
Dibenz (a,j) Acridine	224-42-0	< 2.8 !	ug/L	1.4	SW8270C	13 Jan Ø4	JG
Dibenzo(a,h)anthracene	53-70-3	< 2.6 !	ug/L	1.3	SW8270C	13 Jan Ø4	JG
Dibenzofuran	132-64-9	< 3 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
1,2-Dichlorobenzene	95-50-1	< 2.6 !	ug/L	1.3	SW8270C	13 Jan Ø4	JG
1,3-Dichlorobenzene	541-73-1	< 2.6 !	ug/L	1.3	SW8270C	13 Jan Ø4	JG
1,4-Dichlorobenzene	106-46-7	< 2.6 !	ug/L	1.3	SW8270C	13 Jan Ø4	JG
3,3-Dichlorobenzidine	91-94-1	< 10 !	ug/L	5	SW8270C	13 Jan Ø4	JG
2,4-Dichlorophenol	120-83-2	< 4 !	ug/L	2	SW8270C	13 Jan Ø4	JG
2,6-Dichlorophenol	87-65-0	< 4 !	ug/L	2	SW8270C	13 Jan Ø4	JG
Diethyl phthalate	84-66-2	< 3 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
Dimethyl phthalate	131-11-3	< 3 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
p-Dimethylaminazobenzene	60-11-7	< 7.4 !	ug/L	3.7	SW8270C	13 Jan Ø4	JG
7,12-Dimethylbenz (a) Anthracene	57-97-6	< 2.8 !	ug/L	1.4	SW8270C	13 Jan Ø4	JG
a,a-Dimethylphenethylamine	122-09-8	< 40 !	ug/L	20	SW8270C	13 Jan Ø4	JG

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix
! = Due to sample quantity
= Due to sample concentration
+ = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not possible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. - New Ulm, MN 56073 - 800-782-3557 - Fax 507-359-2890
1411 S. 12th St. - Bismarck, ND 58502 - 800-279-6885 - Fax 701-258-9724
710 S. 14th St. - Grand Forks, ND 58201 - 800-272-7645 - Fax 701-772-0028
35 W. Lincoln Way - Nevada, IA 50201 - 800-362-0855 - Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-A646
Work Order: 22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: GROUNDWATER
Date Sampled: 6 Jan Ø4
Sampled By:
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ7133B
Ø4-17M-4ØØ(RINSEATE)

Temperature at Receipt: 2.Ø C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
2,4-Dimethylphenol	105-67-9	< 10 !	ug/L	5	SW8270C	13 Jan Ø4	JG
2,4-Dinitrophenol	51-28-5	< 20 !	ug/L	10	SW8270C	13 Jan Ø4	JG
2,4-Dinitrotoluene	121-14-2	< 7.6 !	ug/L	3.8	SW8270C	13 Jan Ø4	JG
2,6-Dinitrotoluene	606-20-2	< 2 !	ug/L	1	SW8270C	13 Jan Ø4	JG
Diphenylamine	122-39-4	< 16.2 !	ug/L	8.1	SW8270C	13 Jan Ø4	JG
1,2-Diphenylhydrazine	122-66-7	< 2.8 !	ug/L	1.4	SW8270C	13 Jan Ø4	JG
Ethyl Methanesulfonate	62-50-0	< 2 !	ug/L	1	SW8270C	13 Jan Ø4	JG
Fluoranthene	206-44-0	< 3.2 !	ug/L	1.6	SW8270C	13 Jan Ø4	JG
Fluorene	86-73-7	< 3.2 !	ug/L	1.6	SW8270C	13 Jan Ø4	JG
Hexachlorobenzene	118-74-1	< 3.6 !	ug/L	1.8	SW8270C	13 Jan Ø4	JG
Hexachlorobutadiene	87-68-3	< 3 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
Hexachlorocyclopentadiene	77-47-4	< 9.6 !	ug/L	4.8	SW8270C	13 Jan Ø4	JG
Hexachloroethane	67-72-1	< 2.6 !	ug/L	1.3	SW8270C	13 Jan Ø4	JG
Indeno(1,2,3-cd)pyrene	193-39-5	< 2.8 !	ug/L	1.4	SW8270C	13 Jan Ø4	JG
Isophorone	78-59-1	< 3.2 !	ug/L	1.6	SW8270C	13 Jan Ø4	JG
Methyl Methanesulfonate	66-27-3	< 2 !	ug/L	1	SW8270C	13 Jan Ø4	JG
2-Methyl phenol	95-48-7	< 6.8 !	ug/L	3.4	SW8270C	13 Jan Ø4	JG
4-Methyl phenol	106-44-5	< 4 !	ug/L	2	SW8270C	13 Jan Ø4	JG
2-Methyl-4,6-dinitrophenol	534-52-1	< 11.8 !	ug/L	5.9	SW8270C	13 Jan Ø4	JG
3-Methylcholanthrene	56-49-5	< 10.8 !	ug/L	5.4	SW8270C	13 Jan Ø4	JG
2-Methylnaphthalene	91-57-6	< 4 !	ug/L	2	SW8270C	13 Jan Ø4	JG
N-Nitroso-di-n-Butylamine	924-16-3	< 3.4 !	ug/L	1.7	SW8270C	13 Jan Ø4	JG

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix # = Due to sample concentration
! = Due to sample quantity + = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not posible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. - New Ulm, MN 56073 - 800-782-3557 - Fax 507-359-2890
1411 S. 12th St. - Bismarck, ND 58502 - 800-279-6885 - Fax 701-258-9724
710 S. 14th St. - Grand Forks, ND 58201 - 800-272-7645 - Fax 701-772-0028
35 W. Lincoln Way - Nevada, IA 50201 - 800-362-0855 - Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-A646
Work Order: 22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: GROUNDWATER
Date Sampled: 6 Jan Ø4
Sampled By:
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ7133B
Ø4-17M-4ØØ(RINSEATE)

Temperature at Receipt: 2.Ø C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
N-Nitrosodi-n-propylamine	621-64-7	< 3 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
N-Nitrosodimethylamine	62-75-9	< 8.4 !	ug/L	4.2	SW8270C	13 Jan Ø4	JG
N-Nitrosodiphenylamine	86-3Ø-6	< 16.2 !	ug/L	8.1	SW8270C	13 Jan Ø4	JG
N-Nitrosopiperidine	1ØØ-75-4	< 2.8 !	ug/L	1.4	SW8270C	13 Jan Ø4	JG
Naphthalene	91-2Ø-3	< 3.2 !	ug/L	1.6	SW8270C	13 Jan Ø4	JG
1-Naphthylamine	134-32-7	< 6 !	ug/L	3	SW8270C	13 Jan Ø4	JG
2-Naphthylamine	91-59-8	< 8 !	ug/L	4	SW8270C	13 Jan Ø4	JG
2-Nitroaniline	88-74-4	< 2 !	ug/L	1	SW8270C	13 Jan Ø4	JG
3-Nitroaniline	99-Ø9-2	< 2 !	ug/L	1	SW8270C	13 Jan Ø4	JG
4-Nitroaniline	1ØØ-Ø1-6	< 9 !	ug/L	4.5	SW8270C	13 Jan Ø4	JG
Nitrobenzene	98-95-3	< 3 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
2-Nitrophenol	88-75-5	< 3 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
4-Nitrophenol	1ØØ-Ø2-7	< 2Ø !	ug/L	1Ø	SW8270C	13 Jan Ø4	JG
Pentachlorobenzene	6Ø8-93-5	< 3.2 !	ug/L	1.6	SW8270C	13 Jan Ø4	JG
Pentachloronitrobenzene	82-68-8	< 2.6 !	ug/L	1.3	SW8270C	13 Jan Ø4	JG
Pentachlorophenol	87-86-5	< 11 !	ug/L	5.5	SW8270C	13 Jan Ø4	JG
Phenacetin	62-44-2	< 3 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
Phenanthrene	85-Ø1-8	< 3.2 !	ug/L	1.6	SW8270C	13 Jan Ø4	JG
Phenol	1Ø8-95-2	< 4 !	ug/L	2	SW8270C	13 Jan Ø4	JG
2-Picoline	1Ø9-Ø6-8	< 7.8 !	ug/L	3.9	SW8270C	13 Jan Ø4	JG
Pronamide	23950-58-5	< 3 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
Pyrene	129-ØØ-Ø	< 3.2 !	ug/L	1.6	SW8270C	13 Jan Ø4	JG

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix # = Due to sample concentration
! = Due to sample quantity + = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not possible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. - New Ulm, MN 56073 - 800-782-3557 - Fax 507-359-2890
1411 S. 12th St. - Bismarck, ND 58502 - 800-279-6885 - Fax 701-258-9724
710 S. 14th St. - Grand Forks, ND 58201 - 800-272-7645 - Fax 701-772-0028
35 W. Lincoln Way - Nevada, IA 50201 - 800-362-0855 - Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-A646
Work Order: 22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: GROUNDWATER
Date Sampled: 6 Jan Ø4
Sampled By:
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ7133B
Ø4-17M-4ØØ(RINSEATE)

Temperature at Receipt: 2.Ø C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
1,2,4,5-Tetrachlorobenzene	95-94-3	< 3 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
2,3,4,6-Tetrachlorophenol	58-90-2	< 8 !	ug/L	4	SW8270C	13 Jan Ø4	JG
1,2,4-Trichlorobenzene	120-82-1	< 3.2 !	ug/L	1.6	SW8270C	13 Jan Ø4	JG
2,4,5-Trichlorophenol	95-95-4	< 3 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
2,4,6-Trichlorophenol	88-06-2	< 3 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG

NITROBENZENE (SURROGATE) RECOVERY: 84 %
2-FLUOROBIPHENYL (SURROGATE) RECOVERY: 75 %
TERPHENYL-d14 (SURROGATE) RECOVERY: 78 %

2-FLUOROPHENOL (SURROGATE) RECOVERY: 57 %
PHENOL-d5 (SURROGATE) RECOVERY: 45 %
2,4,6-TRIBROMOPHENOL (SURROGATE) RECOVERY: 80 %

Approved by:
Dan O'Connell, Organic
Laboratory Manager New Ulm, MN

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix # = Due to sample concentration
! = Due to sample quantity + = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not posible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. - New Ulm, MN 56073 - 800-782-3557 - Fax 507-359-2890
1411 S. 12th St. - Bismarck, ND 58502 - 800-279-6885 - Fax 701-258-9724
710 S. 14th St. - Grand Forks, ND 58201 - 800-272-7645 - Fax 701-772-0028
35 W. Lincoln Way - Nevada, IA 50201 - 800-362-0855 - Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-A647
Work Order #:22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: GROUNDWATER
Date Sampled: 5 Jan Ø4
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ7133A
Ø4-19M-1ØØ

Temperature at Receipt: 2.Ø C

	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
6Ø8/8Ø81/8Ø82 Extraction					12 Jan Ø4	LM
PCB-1Ø16	< Ø.7	ug/L	Ø.7	SW8Ø82	14 Jan Ø4	Robert L.
PCB-1221	< 1	ug/L	1	SW8Ø82	14 Jan Ø4	Robert L.
PCB-1232	< Ø.6	ug/L	Ø.6	SW8Ø82	14 Jan Ø4	Robert L.
PCB-1242	< Ø.6	ug/L	Ø.6	SW8Ø82	14 Jan Ø4	Robert L.
PCB-1248	< Ø.8	ug/L	Ø.8	SW8Ø82	14 Jan Ø4	Robert L.
PCB-1254	< Ø.6	ug/L	Ø.6	SW8Ø82	14 Jan Ø4	Robert L.
PCB-126Ø	< Ø.3	ug/L	Ø.3	SW8Ø82	14 Jan Ø4	Robert L.

2,4,5,6-TETRACHLORO-m-XYLENE (SURROGATE) RECOVERY: 9Ø %
DECACHLOROBIPHENYL (SURROGATE) RECOVERY: 1Ø5 %

Approved by:
Dan O'Connell, Organic
Laboratory Manager New Ulm, MN

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix
! = Due to sample quantity
= Due to sample concentration
+ = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447689 ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not possible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. - New Ulm, MN 56073 - 800-782-3557 - Fax 507-359-2890
1411 S. 12th St. - Bismarck, ND 58502 - 800-279-6885 - Fax 701-258-9724
710 S. 14th St. - Grand Forks, ND 58201 - 800-272-7645 - Fax 701-772-0028
35 W. Lincoln Way - Nevada, IA 50201 - 800-362-0855 - Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-A647
Work Order: 22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: GROUNDWATER
Date Sampled: 5 Jan Ø4
Sampled By:
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ7133A
Ø4-19M-1ØØ

Temperature at Receipt: 2.Ø C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
625/8270 SVMS Extraction						9 Jan Ø4	Robert L.
Acenaphthene	83-32-9	< 1.6	ug/L	1.6	SW8270C	13 Jan Ø4	JG
Acenaphthylene	208-96-8	< 1.5	ug/L	1.5	SW8270C	13 Jan Ø4	JG
Acetophenone	98-86-2	< 1.5	ug/L	1.5	SW8270C	13 Jan Ø4	JG
4-Aminobiphenyl	92-67-1	< 3.7	ug/L	3.7	SW8270C	13 Jan Ø4	JG
Aniline	62-53-3	< 3.4	ug/L	3.4	SW8270C	13 Jan Ø4	JG
Anthracene	120-12-7	< 1.5	ug/L	1.5	SW8270C	13 Jan Ø4	JG
Benzidine	92-87-5	< 10	ug/L	10	SW8270C	13 Jan Ø4	JG
Benzo(a)anthracene	56-55-3	< 1.4	ug/L	1.4	SW8270C	13 Jan Ø4	JG
Benzo(a)pyrene	50-32-8	< 1.5	ug/L	1.5	SW8270C	13 Jan Ø4	JG
Benzo(b)fluoranthene	205-99-2	< 1.4	ug/L	1.4	SW8270C	13 Jan Ø4	JG
Benzo(ghi)perylene	191-24-2	< 1.5	ug/L	1.5	SW8270C	13 Jan Ø4	JG
Benzo(k)fluoranthene	207-08-9	< 1.6	ug/L	1.6	SW8270C	13 Jan Ø4	JG
Benzoic Acid	65-85-0	< 20	ug/L	20	SW8270C	13 Jan Ø4	JG
Benzyl Alcohol	100-51-6	< 1	ug/L	1	SW8270C	13 Jan Ø4	JG
Benzyl Butyl Phthalate	85-68-7	< 1.5	ug/L	1.5	SW8270C	13 Jan Ø4	JG
Bis(2-chloroethoxy)methane	111-91-1	< 1.6	ug/L	1.6	SW8270C	13 Jan Ø4	JG
Bis(2-chloroethyl)ether	111-44-4	< 2	ug/L	2	SW8270C	13 Jan Ø4	JG
Bis(2-chloroisopropyl)ether	108-60-1	< 1.3	ug/L	1.3	SW8270C	13 Jan Ø4	JG
Bis(2-ethylhexyl)phthalate	117-81-7	< 2.6	ug/L	2.6	SW8270C	13 Jan Ø4	JG
4-Bromophenyl Phenyl Ether	101-55-3	< 1.7	ug/L	1.7	SW8270C	13 Jan Ø4	JG
4-Chloro-3-methyl phenol	59-50-7	< 1.5	ug/L	1.5	SW8270C	13 Jan Ø4	JG

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix # = Due to sample concentration
! = Due to sample quaatity + = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not possible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. - New Ulm, MN 56073 - 800-782-3557 - Fax 507-359-2890
1411 S. 12th St. - Bismarck, ND 58502 - 800-279-6885 - Fax 701-258-9724
710 S. 14th St. - Grand Forks, ND 58201 - 800-272-7645 - Fax 701-772-0028
35 W. Lincoln Way - Nevada, IA 50201 - 800-362-0855 - Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-A647
Work Order: 22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: GROUNDWATER
Date Sampled: 5 Jan Ø4
Sampled By:
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ7133A
Ø4-19M-1ØØ

Temperature at Receipt: 2.Ø C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
4-Chloroaniline	1Ø6-47-8	< 5	ug/L	5	SW8270C	13 Jan Ø4	JG
1-Chloronaphthalene	9Ø-13-1	< 1.5	ug/L	1.5	SW8270C	13 Jan Ø4	JG
2-Chloronaphthalene	91-58-7	< 1.5	ug/L	1.5	SW8270C	13 Jan Ø4	JG
2-Chlorophenol	95-57-8	< 2	ug/L	2	SW8270C	13 Jan Ø4	JG
4-Chlorophenyl Phenyl Ether	7ØØ5-72-3	< 1.5	ug/L	1.5	SW8270C	13 Jan Ø4	JG
Chrysene	218-Ø1-9	< 1.5	ug/L	1.5	SW8270C	13 Jan Ø4	JG
Di-n-butyl phthalate	84-74-2	< 1.7	ug/L	1.7	SW8270C	13 Jan Ø4	JG
Di-n-octyl phthalate	117-84-Ø	< 1.3	ug/L	1.3	SW8270C	13 Jan Ø4	JG
Dibenz (a,j) Acridine	224-42-Ø	< 1.4	ug/L	1.4	SW8270C	13 Jan Ø4	JG
Dibenzola,hlanthracene	53-7Ø-3	< 1.3	ug/L	1.3	SW8270C	13 Jan Ø4	JG
Dibenzofuran	132-64-9	< 1.5	ug/L	1.5	SW8270C	13 Jan Ø4	JG
1,2-Dichlorobenzene	95-5Ø-1	< 1.3	ug/L	1.3	SW8270C	13 Jan Ø4	JG
1,3-Dichlorobenzene	541-73-1	< 1.3	ug/L	1.3	SW8270C	13 Jan Ø4	JG
1,4-Dichlorobenzene	1Ø6-46-7	< 1.3	ug/L	1.3	SW8270C	13 Jan Ø4	JG
3,3-Dichlorobenzidine	91-94-1	< 5	ug/L	5	SW8270C	13 Jan Ø4	JG
2,4-Dichlorophenol	12Ø-83-2	< 2	ug/L	2	SW8270C	13 Jan Ø4	JG
2,6-Dichlorophenol	87-65-Ø	< 2	ug/L	2	SW8270C	13 Jan Ø4	JG
Diethyl phthalate	84-66-2	< 1.5	ug/L	1.5	SW8270C	13 Jan Ø4	JG
Dimethyl phthalate	131-11-3	< 1.5	ug/L	1.5	SW8270C	13 Jan Ø4	JG
p-Dimethylaminoazobenzene	6Ø-11-7	< 3.7	ug/L	3.7	SW8270C	13 Jan Ø4	JG
7,12-Dimethylbenz (a) Anthracene	57-97-6	< 1.4	ug/L	1.4	SW8270C	13 Jan Ø4	JG
a,a-Dimethylphenethylamine	122-Ø9-8	< 2Ø	ug/L	2Ø	SW8270C	13 Jan Ø4	JG

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix # = Due to sample concentration
! = Due to sample quantity + = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not possible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. - New Ulm, MN 56073 - 800-782-3557 - Fax 507-359-2890
1411 S. 12th St. - Bismarck, ND 58502 - 800-279-6885 - Fax 701-258-9724
710 S. 14th St. - Grand Forks, ND 58201 - 800-272-7645 - Fax 701-772-0028
35 W. Lincoln Way - Nevada, IA 50201 - 800-362-0855 - Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-A647
Work Order: 22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: GROUNDWATER
Date Sampled: 5 Jan Ø4
Sampled By:
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ7133A
Ø4-19M-1ØØ

Temperature at Receipt: 2.Ø C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
2,4-Dimethylphenol	105-67-9	< 5	ug/L	5	SW8270C	13 Jan Ø4	JG
2,4-Dinitrophenol	51-28-5	< 10	ug/L	10	SW8270C	13 Jan Ø4	JG
2,4-Dinitrotoluene	121-14-2	< 3.8	ug/L	3.8	SW8270C	13 Jan Ø4	JG
2,6-Dinitrotoluene	606-20-2	< 1	ug/L	1	SW8270C	13 Jan Ø4	JG
Diphenylamine	122-39-4	< 8.1	ug/L	8.1	SW8270C	13 Jan Ø4	JG
1,2-Diphenylhydrazine	122-66-7	< 1.4	ug/L	1.4	SW8270C	13 Jan Ø4	JG
Ethyl Methanesulfonate	62-50-0	< 1	ug/L	1	SW8270C	13 Jan Ø4	JG
Fluoranthene	206-44-0	< 1.6	ug/L	1.6	SW8270C	13 Jan Ø4	JG
Fluorene	86-73-7	< 1.6	ug/L	1.6	SW8270C	13 Jan Ø4	JG
Hexachlorobenzene	118-74-1	< 1.8	ug/L	1.8	SW8270C	13 Jan Ø4	JG
Hexachlorobutadiene	87-68-3	< 1.5	ug/L	1.5	SW8270C	13 Jan Ø4	JG
Hexachlorocyclopentadiene	77-47-4	< 4.8	ug/L	4.8	SW8270C	13 Jan Ø4	JG
Hexachloroethane	67-72-1	< 1.3	ug/L	1.3	SW8270C	13 Jan Ø4	JG
Indeno(1,2,3-cd)pyrene	193-39-5	< 1.4	ug/L	1.4	SW8270C	13 Jan Ø4	JG
Isophorone	78-59-1	< 1.6	ug/L	1.6	SW8270C	13 Jan Ø4	JG
Methyl Methanesulfonate	66-27-3	< 1	ug/L	1	SW8270C	13 Jan Ø4	JG
2-Methyl phenol	95-48-7	< 3.4	ug/L	3.4	SW8270C	13 Jan Ø4	JG
4-Methyl phenol	106-44-5	< 2	ug/L	2	SW8270C	13 Jan Ø4	JG
2-Methyl-4,6-dinitrophenol	534-52-1	< 5.9	ug/L	5.9	SW8270C	13 Jan Ø4	JG
3-Methylcholanthrene	56-49-5	< 5.4	ug/L	5.4	SW8270C	13 Jan Ø4	JG
2-Methylnaphthalene	91-57-6	< 2	ug/L	2	SW8270C	13 Jan Ø4	JG
N-Nitroso-di-n-Butylamine	924-16-3	< 1.7	ug/L	1.7	SW8270C	13 Jan Ø4	JG

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix # = Due to sample concentration
! = Due to sample quantity + = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not possible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. - New Ulm, MN 56073 - 800-782-3557 - Fax 507-359-2890
1411 S. 12th St. - Bismarck, ND 58502 - 800-279-6885 - Fax 701-258-9724
710 S. 14th St. - Grand Forks, ND 58201 - 800-272-7645 - Fax 701-772-0028
35 W. Lincoln Way - Nevada, IA 50201 - 800-362-0855 - Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-A647
Work Order: 22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: GROUNDWATER
Date Sampled: 5 Jan Ø4
Sampled By:
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ7133A
Ø4-19M-1ØØ

Temperature at Receipt: 2.Ø C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
N-Nitrosodi-n-propylamine	621-64-7	< 1.5	ug/L	1.5	SW8270C	13 Jan Ø4	JG
N-Nitrosodimethylamine	62-75-9	< 4.2	ug/L	4.2	SW8270C	13 Jan Ø4	JG
N-Nitrosodiphenylamine	86-30-6	< 8.1	ug/L	8.1	SW8270C	13 Jan Ø4	JG
N-Nitrosopiperidine	100-75-4	< 1.4	ug/L	1.4	SW8270C	13 Jan Ø4	JG
Naphthalene	91-20-3	< 1.6	ug/L	1.6	SW8270C	13 Jan Ø4	JG
1-Naphthylamine	134-32-7	< 3	ug/L	3	SW8270C	13 Jan Ø4	JG
2-Naphthylamine	91-59-8	< 4	ug/L	4	SW8270C	13 Jan Ø4	JG
2-Nitroaniline	88-74-4	< 1	ug/L	1	SW8270C	13 Jan Ø4	JG
3-Nitroaniline	99-09-2	< 1	ug/L	1	SW8270C	13 Jan Ø4	JG
4-Nitroaniline	100-01-6	< 4.5	ug/L	4.5	SW8270C	13 Jan Ø4	JG
Nitrobenzene	98-95-3	< 1.5	ug/L	1.5	SW8270C	13 Jan Ø4	JG
2-Nitrophenol	88-75-5	< 1.5	ug/L	1.5	SW8270C	13 Jan Ø4	JG
4-Nitrophenol	100-02-7	< 1Ø	ug/L	1Ø	SW8270C	13 Jan Ø4	JG
Pentachlorobenzene	608-93-5	< 1.6	ug/L	1.6	SW8270C	13 Jan Ø4	JG
Pentachloronitrobenzene	82-68-8	< 1.3	ug/L	1.3	SW8270C	13 Jan Ø4	JG
Pentachlorophenol	87-86-5	< 5.5	ug/L	5.5	SW8270C	13 Jan Ø4	JG
Phenacetin	62-44-2	< 1.5	ug/L	1.5	SW8270C	13 Jan Ø4	JG
Phenanthrene	85-01-8	< 1.6	ug/L	1.6	SW8270C	13 Jan Ø4	JG
Phenol	108-95-2	< 2	ug/L	2	SW8270C	13 Jan Ø4	JG
2-Picoline	109-06-8	< 3.9	ug/L	3.9	SW8270C	13 Jan Ø4	JG
Pronamide	23950-58-5	< 1.5	ug/L	1.5	SW8270C	13 Jan Ø4	JG
Pyrene	129-00-0	< 1.6	ug/L	1.6	SW8270C	13 Jan Ø4	JG

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix # = Due to sample concentration
! = Due to sample quantity + = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not possible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. - New Ulm, MN 56073 - 800-782-3557 - Fax 507-359-2890
1411 S. 12th St. - Bismarck, ND 58502 - 800-279-6885 - Fax 701-258-9724
710 S. 14th St. - Grand Forks, ND 58201 - 800-272-7645 - Fax 701-772-0028
35 W. Lincoln Way - Nevada, IA 50201 - 800-362-0855 - Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-A647
Work Order: 22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: GROUNDWATER
Date Sampled: 5 Jan Ø4
Sampled By:
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ7133A
Ø4-19M-1ØØ

Temperature at Receipt: 2.Ø C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
1,2,4,5-Tetrachlorobenzene	95-94-3	< 1.5	ug/L	1.5	SW8270C	13 Jan Ø4	JG
2,3,4,6-Tetrachlorophenol	58-9Ø-2	< 4	ug/L	4	SW8270C	13 Jan Ø4	JG
1,2,4-Trichlorobenzene	12Ø-82-1	< 1.6	ug/L	1.6	SW8270C	13 Jan Ø4	JG
2,4,5-Trichlorophenol	95-95-4	< 1.5	ug/L	1.5	SW8270C	13 Jan Ø4	JG
2,4,6-Trichlorophenol	88-Ø6-2	< 1.5	ug/L	1.5	SW8270C	13 Jan Ø4	JG

NITROBENZENE (SURROGATE) RECOVERY: 79 %
2-FLUOROBIPHENYL (SURROGATE) RECOVERY: 73 %
TERPHENYL-d14 (SURROGATE) RECOVERY: 79 %

2-FLUOROPHENOL (SURROGATE) RECOVERY: 62 %
PHENOL-d5 (SURROGATE) RECOVERY: 45 %
2,4,6-TRIBROMOPHENOL (SURROGATE) RECOVERY: 87 %

Approved by:
Dan O'Connell, Organic
Laboratory Manager New Ulm, MN

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix # = Due to sample concentration
! = Due to sample quantity + = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not possible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. - New Ulm, MN 56073 - 800-782-3557 - Fax 507-359-2890
1411 S. 12th St. - Bismarck, ND 58502 - 800-279-6885 - Fax 701-258-9724
710 S. 14th St. - Grand Forks, ND 58201 - 800-272-7645 - Fax 701-772-0028
35 W. Lincoln Way - Nevada, IA 50201 - 800-362-0855 - Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-A648
Work Order #:22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: GROUNDWATER
Date Sampled: 6 Jan Ø4
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ71337/SØ4ØØ71336
Ø4-17M-2ØØ/M-MS

Temperature at Receipt: 2.Ø C

	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
6Ø8/8Ø81/8Ø82 Extraction					12 Jan Ø4	LM
PCB-1Ø16	< Ø.875 !	ug/L	Ø.7	SW8Ø82	14 Jan Ø4	Robert L.
PCB-1221	< 1.25 !	ug/L	1	SW8Ø82	14 Jan Ø4	Robert L.
PCB-1232	< Ø.75 !	ug/L	Ø.6	SW8Ø82	14 Jan Ø4	Robert L.
PCB-1242	< Ø.75 !	ug/L	Ø.6	SW8Ø82	14 Jan Ø4	Robert L.
PCB-1248	< 1 !	ug/L	Ø.8	SW8Ø82	14 Jan Ø4	Robert L.
PCB-1254	< Ø.75 !	ug/L	Ø.6	SW8Ø82	14 Jan Ø4	Robert L.
PCB-126Ø	< Ø.375 !	ug/L	Ø.3	SW8Ø82	14 Jan Ø4	Robert L.

2,4,5,6-TETRACHLORO-m-XYLENE (SURROGATE) RECOVERY: 92 %
DECACHLOROBIPHENYL (SURROGATE) RECOVERY: 1ØØ %

Approved by:
Dan O'Connell, Organic
Laboratory Manager New Ulm, MN

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix
! = Due to sample quantity
= Due to sample concentration
+ = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447686Ø ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not posible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. - New Ulm, MN 56073 - 800-782-3557 - Fax 507-359-2890
1411 S. 12th St. - Bismarck, ND 58502 - 800-279-6885 - Fax 701-258-9724
710 S. 14th St. - Grand Forks, ND 58201 - 800-272-7645 - Fax 701-772-0028
35 W. Lincoln Way - Nevada, IA 50201 - 800-362-0855 - Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-A648
Work Order: 22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: GROUNDWATER
Date Sampled: 6 Jan Ø4
Sampled By:
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ71337/SØ4ØØ71336
Ø4-17M-2ØØ/M-MS

Temperature at Receipt: 2.Ø C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
625/827Ø SVMS Extraction						9 Jan Ø4	Robert L.
Acenaphthene	83-32-9	< 4 !	ug/L	1.6	SW8270C	13 Jan Ø4	JG
Acenaphthylene	208-96-8	< 3.8 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
Acetophenone	98-86-2	< 3.8 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
4-Aminobiphenyl	92-67-1	< 9.2 !	ug/L	3.7	SW8270C	13 Jan Ø4	JG
Aniline	62-53-3	< 8.5 !	ug/L	3.4	SW8270C	13 Jan Ø4	JG
Anthracene	120-12-7	< 3.8 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
Benzidine	92-87-5	< 25 !	ug/L	10	SW8270C	13 Jan Ø4	JG
Benzo(a)anthracene	56-55-3	< 3.5 !	ug/L	1.4	SW8270C	13 Jan Ø4	JG
Benzo(a)pyrene	50-32-8	< 3.8 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
Benzo(b)fluoranthene	205-99-2	< 3.5 !	ug/L	1.4	SW8270C	13 Jan Ø4	JG
Benzo(ghi)perylene	191-24-2	< 3.8 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
Benzo(k)fluoranthene	207-08-9	< 4 !	ug/L	1.6	SW8270C	13 Jan Ø4	JG
Benzoic Acid	65-85-0	< 50 !	ug/L	20	SW8270C	13 Jan Ø4	JG
Benzyl Alcohol	100-51-6	< 2.5 !	ug/L	1	SW8270C	13 Jan Ø4	JG
Benzyl Butyl Phthalate	85-68-7	< 3.8 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
Bis(2-chloroethoxy)methane	111-91-1	< 4 !	ug/L	1.6	SW8270C	13 Jan Ø4	JG
Bis(2-chloroethyl)ether	111-44-4	< 5 !	ug/L	2	SW8270C	13 Jan Ø4	JG
Bis(2-chloroisopropyl)ether	108-60-1	< 3.2 !	ug/L	1.3	SW8270C	13 Jan Ø4	JG
Bis(2-ethylhexyl)phthalate	117-81-7	< 6.5 !	ug/L	2.6	SW8270C	13 Jan Ø4	JG
4-Bromophenyl Phenyl Ether	101-55-3	< 4.2 !	ug/L	1.7	SW8270C	13 Jan Ø4	JG
4-Chloro-3-methyl phenol	59-50-7	< 3.8 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix # = Due to sample concentration
! = Due to sample quantity + = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1Ø13-M ND WW/OW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not possible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. - New Ulm, MN 56073 - 800-782-3557 - Fax 507-359-2890
1411 S. 12th St. - Bismarck, ND 58502 - 800-279-6885 - Fax 701-258-9724
710 S. 14th St. - Grand Forks, ND 58201 - 800-272-7645 - Fax 701-772-0028
35 W. Lincoln Way - Nevada, IA 50201 - 800-362-0855 - Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-A648
Work Order: 22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: GROUNDWATER
Date Sampled: 6 Jan Ø4
Sampled By:
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ71337/SØ4ØØ71336
Ø4-17M-2ØØ/M-MS

Temperature at Receipt: 2.Ø C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
4-Chloroaniline	106-47-8	< 12.5 !	ug/L	5	SW8270C	13 Jan Ø4	JG
1-Chloronaphthalene	90-13-1	< 3.8 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
2-Chloronaphthalene	91-58-7	< 3.8 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
2-Chlorophenol	95-57-8	< 5 !	ug/L	2	SW8270C	13 Jan Ø4	JG
4-Chlorophenyl Phenyl Ether	7005-72-3	< 3.8 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
Chrysene	218-01-9	< 3.8 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
Di-n-butyl phthalate	84-74-2	< 4.2 !	ug/L	1.7	SW8270C	13 Jan Ø4	JG
Di-n-octyl phthalate	117-84-0	< 3.2 !	ug/L	1.3	SW8270C	13 Jan Ø4	JG
Dibenz (a,j) Acridine	224-42-0	< 3.5 !	ug/L	1.4	SW8270C	13 Jan Ø4	JG
Dibenzo(a,h)anthracene	53-70-3	< 3.2 !	ug/L	1.3	SW8270C	13 Jan 94	JG
Dibenzofuran	132-64-9	< 3.8 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
1,2-Dichlorobenzene	95-50-1	< 3.2 !	ug/L	1.3	SW8270C	13 Jan Ø4	JG
1,3-Dichlorobenzene	541-73-1	< 3.2 !	ug/L	1.3	SW8270C	13 Jan Ø4	JG
1,4-Dichlorobenzene	106-46-7	< 3.2 !	ug/L	1.3	SW8270C	13 Jan Ø4	JG
3,3-Dichlorobenzidine	91-94-1	< 12.5 !	ug/L	5	SW8270C	13 Jan Ø4	JG
2,4-Dichlorophenol	120-83-2	< 5 !	ug/L	2	SW8270C	13 Jan Ø4	JG
2,6-Dichlorophenol	87-65-0	< 5 !	ug/L	2	SW8270C	13 Jan Ø4	JG
Diethyl phthalate	84-66-2	< 3.8 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
Dimethyl phthalate	131-11-3	< 3.8 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
p-Dimethylaminoazobenzene	60-11-7	< 9.2 !	ug/L	3.7	SW8270C	13 Jan Ø4	JG
7,12-Dimethylbenz (a) Anthracene	57-97-6	< 3.5 !	ug/L	1.4	SW8270C	13 Jan Ø4	JG
a,a-Dimethylphenethylamine	122-09-8	< 50 !	ug/L	20	SW8270C	13 Jan Ø4	JG

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix
! = Due to sample quantity
= Due to sample concentration
+ = Due to extract volume

CERTIFICATION: MN LAB # 027-015-125 WI LAB # 999447680 ND MICRO # 1013-M ND WW/DW # R-040 IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not possible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. - New Ulm, MN 56073 - 800-782-3557 - Fax 507-359-2890
1411 S. 12th St. - Bismarck, ND 58502 - 800-279-6885 - Fax 701-258-9724
710 S. 14th St. - Grand Forks, ND 58201 - 800-272-7645 - Fax 701-772-0028
35 W. Lincoln Way - Nevada, IA 50201 - 800-362-0855 - Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan 04
Lab Number: 04-A648
Work Order: 22-0007
Account #: 022015
Sample Matrix: GROUNDWATER
Date Sampled: 6 Jan 04
Sampled By:
Date Received: 9 Jan 04
PO #: 39015

Project Number: 6368
Sample Description: S040071337/S040071336
04-17M-200/M-MS

Temperature at Receipt: 2.0 C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
2,4-Dimethylphenol	105-67-9	< 12.5 !	ug/L	5	SW8270C	13 Jan 04	JG
2,4-Dinitrophenol	51-28-5	< 25 !	ug/L	10	SW8270C	13 Jan 04	JG
2,4-Dinitrotoluene	121-14-2	< 9.5 !	ug/L	3.8	SW8270C	13 Jan 04	JG
2,6-Dinitrotoluene	606-20-2	< 2.5 !	ug/L	1	SW8270C	13 Jan 04	JG
Diphenylamine	122-39-4	< 20.2 !	ug/L	8.1	SW8270C	13 Jan 04	JG
1,2-Diphenylhydrazine	122-66-7	< 3.5 !	ug/L	1.4	SW8270C	13 Jan 04	JG
Ethyl Methanesulfonate	62-50-0	< 2.5 !	ug/L	1	SW8270C	13 Jan 04	JG
Fluoranthene	206-44-0	< 4 !	ug/L	1.6	SW8270C	13 Jan 04	JG
Fluorene	86-73-7	< 4 !	ug/L	1.6	SW8270C	13 Jan 04	JG
Hexachlorobenzene	118-74-1	< 4.5 !	ug/L	1.8	SW8270C	13 Jan 04	JG
Hexachlorobutadiene	87-68-3	< 3.8 !	ug/L	1.5	SW8270C	13 Jan 04	JG
Hexachlorocyclopentadiene	77-47-4	< 12 !	ug/L	4.8	SW8270C	13 Jan 04	JG
Hexachloroethane	67-72-1	< 3.2 !	ug/L	1.3	SW8270C	13 Jan 04	JG
Indeno(1,2,3-cd)pyrene	193-39-5	< 3.5 !	ug/L	1.4	SW8270C	13 Jan 04	JG
Isophorone	78-59-1	< 4 !	ug/L	1.6	SW8270C	13 Jan 04	JG
Methyl Methanesulfonate	66-27-3	< 2.5 !	ug/L	1	SW8270C	13 Jan 04	JG
2-Methyl phenol	95-48-7	< 8.5 !	ug/L	3.4	SW8270C	13 Jan 04	JG
4-Methyl phenol	106-44-5	< 5 !	ug/L	2	SW8270C	13 Jan 04	JG
2-Methyl-4,6-dinitrophenol	534-52-1	< 14.8 !	ug/L	5.9	SW8270C	13 Jan 04	JG
3-Methylcholanthrene	56-49-5	< 13.5 !	ug/L	5.4	SW8270C	13 Jan 04	JG
2-Methylnaphthalene	91-57-6	< 5 !	ug/L	2	SW8270C	13 Jan 04	JG
N-Nitroso-di-n-Butylamine	924-16-3	< 4.2 !	ug/L	1.7	SW8270C	13 Jan 04	JG

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix # = Due to sample concentration
! = Due to sample quantity + = Due to extract volume

CERTIFICATION: MN LAB # 027-015-125 WI LAB # 999447680 ND MICRO # 1013-M ND WW/DW # R-040 IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not possible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. - New Ulm, MN 56073 - 800-782-3557 - Fax 507-359-2890
1411 S. 12th St. - Bismarck, ND 58502 - 800-279-6885 - Fax 701-258-9724
710 S. 14th St. - Grand Forks, ND 58201 - 800-272-7645 - Fax 701-772-0028
35 W. Lincoln Way - Nevada, IA 50201 - 800-362-0855 - Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-A648
Work Order: 22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: GROUNDWATER
Date Sampled: 6 Jan Ø4
Sampled By:
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ71337/SØ4ØØ71336
Ø4-17M-2ØØ/M-MS

Temperature at Receipt: 2.Ø C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
N-Nitrosodi-n-propylamine	621-64-7	< 3.8 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
N-Nitrosodimethylamine	62-75-9	< 10.5 !	ug/L	4.2	SW8270C	13 Jan Ø4	JG
N-Nitrosodiphenylamine	86-30-6	< 20.2 !	ug/L	8.1	SW8270C	13 Jan Ø4	JG
N-Nitrosopiperidine	100-75-4	< 3.5 !	ug/L	1.4	SW8270C	13 Jan Ø4	JG
Naphthalene	91-20-3	< 4 !	ug/L	1.6	SW8270C	13 Jan Ø4	JG
1-Naphthylamine	134-32-7	< 7.5 !	ug/L	3	SW8270C	13 Jan Ø4	JG
2-Naphthylamine	91-59-8	< 10 !	ug/L	4	SW8270C	13 Jan Ø4	JG
2-Nitroaniline	88-74-4	< 2.5 !	ug/L	1	SW8270C	13 Jan Ø4	JG
3-Nitroaniline	99-09-2	< 2.5 !	ug/L	1	SW8270C	13 Jan Ø4	JG
4-Nitroaniline	100-01-6	< 11.2 !	ug/L	4.5	SW8270C	13 Jan Ø4	JG
Nitrobenzene	98-95-3	< 3.8 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
2-Nitrophenol	88-75-5	< 3.8 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
4-Nitrophenol	100-02-7	< 25 !	ug/L	10	SW8270C	13 Jan Ø4	JG
Pentachlorobenzene	608-93-5	< 4 !	ug/L	1.6	SW8270C	13 Jan Ø4	JG
Pentachloronitrobenzene	82-68-8	< 3.2 !	ug/L	1.3	SW8270C	13 Jan Ø4	JG
Pentachlorophenol	87-86-5	< 13.8 !	ug/L	5.5	SW8270C	13 Jan Ø4	JG
Phenacetin	62-44-2	< 3.8 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
Phenanthrene	85-01-8	< 4 !	ug/L	1.6	SW8270C	13 Jan Ø4	JG
Phenol	108-95-2	< 5 !	ug/L	2	SW8270C	13 Jan Ø4	JG
2-Picoline	109-06-8	< 9.8 !	ug/L	3.9	SW8270C	13 Jan Ø4	JG
Pronamide	23950-58-5	< 3.8 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
Pyrene	129-00-0	< 4 !	ug/L	1.6	SW8270C	13 Jan Ø4	JG

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix # = Due to sample concentration
! = Due to sample quantity + = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not possible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. - New Ulm, MN 56073 - 800-782-3557 - Fax 507-359-2890
1411 S. 12th St. - Bismarck, ND 58502 - 800-279-6885 - Fax 701-258-9724
710 S. 14th St. - Grand Forks, ND 58201 - 800-272-7645 - Fax 701-772-0028
35 W. Lincoln Way - Nevada, IA 50201 - 800-362-0855 - Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-A648
Work Order: 22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: GROUNDWATER
Date Sampled: 6 Jan Ø4
Sampled By:
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ71337/SØ4ØØ71336
Ø4-17M-2ØØ/M-MS

Temperature at Receipt: 2.Ø C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
1,2,4,5-Tetrachlorobenzene	95-94-3	< 3.8 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
2,3,4,6-Tetrachlorophenol	58-90-2	< 10 !	ug/L	4	SW8270C	13 Jan Ø4	JG
1,2,4-Trichlorobenzene	120-82-1	< 4 !	ug/L	1.6	SW8270C	13 Jan Ø4	JG
2,4,5-Trichlorophenol	95-95-4	< 3.8 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
2,4,6-Trichlorophenol	88-06-2	< 3.8 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG

NITROBENZENE (SURROGATE) RECOVERY: 83 %
2-FLUOROBIPHENYL (SURROGATE) RECOVERY: 82 %
TERPHENYL-d14 (SURROGATE) RECOVERY: 78 %

2-FLUOROPHENOL (SURROGATE) RECOVERY: 61 %
PHENOL-d5 (SURROGATE) RECOVERY: 43 %
2,4,6-TRIBROMOPHENOL (SURROGATE) RECOVERY: 90 %

Approved by:
Dan O'Connell, Organic
Laboratory Manager New Ulm, MN

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix # = Due to sample concentration
! = Due to sample quantity + = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not possible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. - New Ulm, MN 56073 - 800-782-3557 - Fax 507-359-2890
1411 S. 12th St. - Bismarck, ND 58502 - 800-279-6885 - Fax 701-258-9724
710 S. 14th St. - Grand Forks, ND 58201 - 800-272-7645 - Fax 701-772-0028
35 W. Lincoln Way - Nevada, IA 50201 - 800-362-0855 - Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-A649
Work Order #:22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: GROUNDWATER
Date Sampled: 6 Jan Ø4
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ71335
Ø4-2ØM-1ØØ

Temperature at Receipt: 2.Ø C

	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
6Ø8/8Ø81/8Ø82 Extraction					12 Jan Ø4	LM
PCB-1Ø16	< Ø.84 !	ug/L	Ø.7	SW8Ø82	14 Jan Ø4	Robert L.
PCB-1221	< 1.2 !	ug/L	1	SW8Ø82	14 Jan Ø4	Robert L.
PCB-1232	< Ø.72 !	ug/L	Ø.6	SW8Ø82	14 Jan Ø4	Robert L.
PCB-1242	< Ø.72 !	ug/L	Ø.6	SW8Ø82	14 Jan Ø4	Robert L.
PCB-1248	< Ø.96 !	ug/L	Ø.8	SW8Ø82	14 Jan Ø4	Robert L.
PCB-1254	< Ø.72 !	ug/L	Ø.6	SW8Ø82	14 Jan Ø4	Robert L.
PCB-126Ø	< Ø.36 !	ug/L	Ø.3	SW8Ø82	14 Jan Ø4	Robert L.

2,4,5,6-TETRACHLORO-m-XYLENE (SURROGATE) RECOVERY: 8Ø %
DECACHLOROBIPHENYL (SURROGATE) RECOVERY: 98 %

Approved by:
Dan O'Connell, Organic
Laboratory Manager New Ulm, MN

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix # = Due to sample concentration
! = Due to sample quantity + = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447688Ø ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not posible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. - New Ulm, MN 56073 - 800-782-3557 - Fax 507-359-2890
1411 S. 12th St. - Bismarck, ND 58502 - 800-279-6885 - Fax 701-258-9724
710 S. 14th St. - Grand Forks, ND 58201 - 800-272-7645 - Fax 701-772-0028
35 W. Lincoln Way - Nevada, IA 50201 - 800-362-0855 - Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-A649
Work Order: 22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: GROUNDWATER
Date Sampled: 6 Jan Ø4
Sampled By:
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ71335
Ø4-2ØM-1ØØ

Temperature at Receipt: 2.Ø C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
625/8270 SVMS Extraction						9 Jan Ø4	Robert L.
Acenaphthene	83-32-9	< 1.8 !	ug/L	1.6	SW8270C	13 Jan Ø4	JG
Acenaphthylene	208-96-8	< 1.6 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
Acetophenone	98-86-2	< 1.6 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
4-Aminobiphenyl	92-67-1	< 4.1 !	ug/L	3.7	SW8270C	13 Jan Ø4	JG
Aniline	62-53-3	< 3.7 !	ug/L	3.4	SW8270C	13 Jan Ø4	JG
Anthracene	120-12-7	< 1.6 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
Benzidine	92-87-5	< 11 !	ug/L	10	SW8270C	13 Jan Ø4	JG
Benzo(a)anthracene	56-55-3	< 1.5 !	ug/L	1.4	SW8270C	13 Jan Ø4	JG
Benzo(a)pyrene	50-32-8	< 1.6 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
Benzo(b)fluoranthene	205-99-2	< 1.5 !	ug/L	1.4	SW8270C	13 Jan Ø4	JG
Benzo(ghi)perylene	191-24-2	< 1.6 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
Benzo(k)fluoranthene	207-08-9	< 1.8 !	ug/L	1.6	SW8270C	13 Jan Ø4	JG
Benzoic Acid	65-85-0	< 22 !	ug/L	20	SW8270C	13 Jan Ø4	JG
Benzyl Alcohol	100-51-6	< 1.1 !	ug/L	1	SW8270C	13 Jan Ø4	JG
Benzyl Butyl Phthalate	85-68-7	< 1.6 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
Bis(2-chloroethoxy)methane	111-91-1	< 1.8 !	ug/L	1.6	SW8270C	13 Jan Ø4	JG
Bis(2-chloroethyl)ether	111-44-4	< 2.2 !	ug/L	2	SW8270C	13 Jan Ø4	JG
Bis(2-chloroisopropyl)ether	108-60-1	< 1.4 !	ug/L	1.3	SW8270C	13 Jan Ø4	JG
Bis(2-ethylhexyl)phthalate	117-81-7	< 2.9 !	ug/L	2.6	SW8270C	13 Jan Ø4	JG
4-Bromophenyl Phenyl Ether	101-55-3	< 1.9 !	ug/L	1.7	SW8270C	13 Jan Ø4	JG
4-Chloro-3-methyl phenol	59-50-7	< 1.6 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix # = Due to sample concentration
! = Due to sample quantity + = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not posible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. - New Ulm, MN 56073 - 800-782-3557 - Fax 507-359-2890
1411 S. 12th St. - Bismarck, ND 58502 - 800-279-6885 - Fax 701-258-9724
710 S. 14th St. - Grand Forks, ND 58201 - 800-272-7645 - Fax 701-772-0028
35 W. Lincoln Way - Nevada, IA 50201 - 800-362-0855 - Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-A649
Work Order: 22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: GROUNDWATER
Date Sampled: 6 Jan Ø4
Sampled By:
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ71335
Ø4-2ØM-1ØØ

Temperature at Receipt: 2.Ø C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
4-Chloroaniline	106-47-8	< 5.5 !	ug/L	5	SW8270C	13 Jan Ø4	JG
1-Chloronaphthalene	90-13-1	< 1.6 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
2-Chloronaphthalene	91-58-7	< 1.6 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
2-Chlorophenol	95-57-8	< 2.2 !	ug/L	2	SW8270C	13 Jan Ø4	JG
4-Chlorophenyl Phenyl Ether	7005-72-3	< 1.6 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
Chrysene	218-01-9	< 1.6 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
Di-n-butyl phthalate	84-74-2	< 1.9 !	ug/L	1.7	SW8270C	13 Jan Ø4	JG
Di-n-octyl phthalate	117-84-0	< 1.4 !	ug/L	1.3	SW8270C	13 Jan Ø4	JG
Dibenz (a,j) Acridine	224-42-0	< 1.5 !	ug/L	1.4	SW8270C	13 Jan Ø4	JG
Dibenzo(a,h)anthracene	53-70-3	< 1.4 !	ug/L	1.3	SW8270C	13 Jan Ø4	JG
Dibenzofuran	132-64-9	< 1.6 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
1,2-Dichlorobenzene	95-50-1	< 1.4 !	ug/L	1.3	SW8270C	13 Jan Ø4	JG
1,3-Dichlorobenzene	541-73-1	< 1.4 !	ug/L	1.3	SW8270C	13 Jan Ø4	JG
1,4-Dichlorobenzene	106-46-7	< 1.4 !	ug/L	1.3	SW8270C	13 Jan Ø4	JG
3,3-Dichlorobenzidine	91-94-1	< 5.5 !	ug/L	5	SW8270C	13 Jan Ø4	JG
2,4-Dichlorophenol	120-83-2	< 2.2 !	ug/L	2	SW8270C	13 Jan Ø4	JG
2,6-Dichlorophenol	87-65-0	< 2.2 !	ug/L	2	SW8270C	13 Jan Ø4	JG
Diethyl phthalate	84-66-2	< 1.6 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
Dimethyl phthalate	131-11-3	< 1.6 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
p-Dimethylaminazobenzene	60-11-7	< 4.1 !	ug/L	3.7	SW8270C	13 Jan Ø4	JG
7,12-Dimethylbenz (a) Anthracene	57-97-6	< 1.5 !	ug/L	1.4	SW8270C	13 Jan Ø4	JG
a,a-Dimethylphenethylamine	122-09-8	< 22 !	ug/L	20	SW8270C	13 Jan Ø4	JG

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix # = Due to sample concentration
! = Due to sample quantity + = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not posible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. - New Ulm, MN 56073 - 800-782-3557 - Fax 507-359-2890
1411 S. 12th St. - Bismarck, ND 58502 - 800-279-6885 - Fax 701-258-9724
710 S. 14th St. - Grand Forks, ND 58201 - 800-272-7645 - Fax 701-772-0028
35 W. Lincoln Way - Nevada, IA 50201 - 800-362-0855 - Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan 04
Lab Number: 04-A649
Work Order: 22-0007
Account #: 022015
Sample Matrix: GROUNDWATER
Date Sampled: 6 Jan 04
Sampled By:
Date Received: 9 Jan 04
PO #: 39015

Project Number: 6368
Sample Description: S040071335
04-20M-100

Temperature at Receipt: 2.0 C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
2,4-Dimethylphenol	105-67-9	< 5.5 !	ug/L	5	SW8270C	13 Jan 04	JG
2,4-Dinitrophenol	51-28-5	< 11 !	ug/L	10	SW8270C	13 Jan 04	JG
2,4-Dinitrotoluene	121-14-2	< 4.2 !	ug/L	3.8	SW8270C	13 Jan 04	JG
2,6-Dinitrotoluene	606-20-2	< 1.1 !	ug/L	1	SW8270C	13 Jan 04	JG
Diphenylamine	122-39-4	< 8.9 !	ug/L	8.1	SW8270C	13 Jan 04	JG
1,2-Diphenylhydrazine	122-66-7	< 1.5 !	ug/L	1.4	SW8270C	13 Jan 04	JG
Ethyl Methanesulfonate	62-50-0	< 1.1 !	ug/L	1	SW8270C	13 Jan 04	JG
Fluoranthene	206-44-0	< 1.8 !	ug/L	1.6	SW8270C	13 Jan 04	JG
Fluorene	86-73-7	< 1.8 !	ug/L	1.6	SW8270C	13 Jan 04	JG
Hexachlorobenzene	118-74-1	< 2 !	ug/L	1.8	SW8270C	13 Jan 04	JG
Hexachlorobutadiene	87-68-3	< 1.6 !	ug/L	1.5	SW8270C	13 Jan 04	JG
Hexachlorocyclopentadiene	77-47-4	< 5.3 !	ug/L	4.8	SW8270C	13 Jan 04	JG
Hexachloroethane	67-72-1	< 1.4 !	ug/L	1.3	SW8270C	13 Jan 04	JG
Indeno(1,2,3-cd)pyrene	193-39-5	< 1.5 !	ug/L	1.4	SW8270C	13 Jan 04	JG
Isophorone	78-59-1	< 1.8 !	ug/L	1.6	SW8270C	13 Jan 04	JG
Methyl Methanesulfonate	66-27-3	< 1.1 !	ug/L	1	SW8270C	13 Jan 04	JG
2-Methyl phenol	95-48-7	< 3.7 !	ug/L	3.4	SW8270C	13 Jan 04	JG
4-Methyl phenol	106-44-5	< 2.2 !	ug/L	2	SW8270C	13 Jan 04	JG
2-Methyl-4,6-dinitrophenol	534-52-1	< 6.5 !	ug/L	5.9	SW8270C	13 Jan 04	JG
3-Methylcholanthrene	56-49-5	< 5.9 !	ug/L	5.4	SW8270C	13 Jan 04	JG
2-Methylnaphthalene	91-57-6	< 2.2 !	ug/L	2	SW8270C	13 Jan 04	JG
N-Nitroso-di-n-Butylamine	924-16-3	< 1.9 !	ug/L	1.7	SW8270C	13 Jan 04	JG

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix # = Due to sample concentration
! = Due to sample quantity + = Due to extract volume

CERTIFICATION: MN LAB # 027-015-125 WI LAB # 999447680 ND MICRO # 1013-M ND WW/DW # R-040 IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not possible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. - New Ulm, MN 56073 - 800-782-3557 - Fax 507-359-2890
1411 S. 12th St. - Bismarck, ND 58502 - 800-279-6885 - Fax 701-258-9724
710 S. 14th St. - Grand Forks, ND 58201 - 800-272-7645 - Fax 701-772-0028
35 W. Lincoln Way - Nevada, IA 50201 - 800-362-0855 - Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-A649
Work Order: 22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: GROUNDWATER
Date Sampled: 6 Jan Ø4
Sampled By:
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ71335
Ø4-2ØM-1ØØ

Temperature at Receipt: 2.Ø C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
N-Nitrosodi-n-propylamine	621-64-7	< 1.6 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
N-Nitrosodimethylamine	62-75-9	< 4.6 !	ug/L	4.2	SW8270C	13 Jan Ø4	JG
N-Nitrosodiphenylamine	86-30-6	< 8.9 !	ug/L	8.1	SW8270C	13 Jan Ø4	JG
N-Nitrosopiperidine	100-75-4	< 1.5 !	ug/L	1.4	SW8270C	13 Jan Ø4	JG
Naphthalene	91-20-3	< 1.8 !	ug/L	1.6	SW8270C	13 Jan Ø4	JG
1-Naphthylamine	134-32-7	< 3.3 !	ug/L	3	SW8270C	13 Jan Ø4	JG
2-Naphthylamine	91-59-8	< 4.4 !	ug/L	4	SW8270C	13 Jan Ø4	JG
2-Nitroaniline	88-74-4	< 1.1 !	ug/L	1	SW8270C	13 Jan Ø4	JG
3-Nitroaniline	99-09-2	< 1.1 !	ug/L	1	SW8270C	13 Jan Ø4	JG
4-Nitroaniline	100-01-6	< 5 !	ug/L	4.5	SW8270C	13 Jan Ø4	JG
Nitrobenzene	98-95-3	< 1.6 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
2-Nitrophenol	88-75-5	< 1.6 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
4-Nitrophenol	100-02-7	< 11 !	ug/L	10	SW8270C	13 Jan Ø4	JG
Pentachlorobenzene	608-93-5	< 1.8 !	ug/L	1.6	SW8270C	13 Jan Ø4	JG
Pentachloronitrobenzene	82-68-8	< 1.4 !	ug/L	1.3	SW8270C	13 Jan Ø4	JG
Pentachlorophenol	87-86-5	< 6 !	ug/L	5.5	SW8270C	13 Jan Ø4	JG
Phenacetin	62-44-2	< 1.6 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
Phenanthrene	85-01-8	< 1.8 !	ug/L	1.6	SW8270C	13 Jan Ø4	JG
Phenol	108-95-2	< 2.2 !	ug/L	2	SW8270C	13 Jan Ø4	JG
2-Picoline	109-06-8	< 4.3 !	ug/L	3.9	SW8270C	13 Jan Ø4	JG
Pronamide	23950-58-5	< 1.6 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
Pyrene	129-00-0	< 1.8 !	ug/L	1.6	SW8270C	13 Jan Ø4	JG

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix
! = Due to sample quantity
= Due to sample concentration
+ = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not possible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. - New Ulm, MN 56073 - 800-782-3557 - Fax 507-359-2890
1411 S. 12th St. - Bismarck, ND 58502 - 800-279-6885 - Fax 701-258-9724
710 S. 14th St. - Grand Forks, ND 58201 - 800-272-7645 - Fax 701-772-0028
35 W. Lincoln Way - Nevada, IA 50201 - 800-362-0855 - Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-A649
Work Order: 22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: GROUNDWATER
Date Sampled: 6 Jan Ø4
Sampled By:
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ71335
Ø4-2ØM-1ØØ

Temperature at Receipt: 2.Ø C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
1,2,4,5-Tetrachlorobenzene	95-94-3	< 1.6 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
2,3,4,6-Tetrachlorophenol	58-90-2	< 4.4 !	ug/L	4	SW8270C	13 Jan Ø4	JG
1,2,4-Trichlorobenzene	120-82-1	< 1.8 !	ug/L	1.6	SW8270C	13 Jan Ø4	JG
2,4,5-Trichlorophenol	95-95-4	< 1.6 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG
2,4,6-Trichlorophenol	88-06-2	< 1.6 !	ug/L	1.5	SW8270C	13 Jan Ø4	JG

NITROBENZENE (SURROGATE) RECOVERY: 87 %
2-FLUOROBIPHENYL (SURROGATE) RECOVERY: 81 %
TERPHENYL-d14 (SURROGATE) RECOVERY: 86 %

2-FLUOROPHENOL (SURROGATE) RECOVERY: 64 %
PHENOL-d5 (SURROGATE) RECOVERY: 46 %
2,4,6-TRIBROMOPHENOL (SURROGATE) RECOVERY: 1ØØ %

Approved by:
Dan O'Connell, Organic
Laboratory Manager New Ulm, MN

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix # = Due to sample concentration
! = Due to sample quantity + = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447688Ø ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not possible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. ~ New Ulm, MN 56073 ~ 800-782-3557 ~ Fax 507-359-2890
1411 S. 12th St. ~ Bismarck, ND 58502 ~ 800-279-6885 ~ Fax 701-258-9724
710 S. 14th St. ~ Grand Forks, ND 58201 ~ 800-272-7645 ~ Fax 701-772-0028
35 W. Lincoln Way ~ Nevada, IA 50201 ~ 800-362-0855 ~ Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-A65Ø
Work Order #:22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: GROUNDWATER
Date Sampled: 6 Jan Ø4
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ71334
Ø4-18M-1ØØ

Temperature at Receipt: 2.Ø C

	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
6Ø8/8Ø81/8Ø82 Extraction					12 Jan Ø4	LM
PCB-1Ø16	< Ø.84 !	ug/L	Ø.7	SW8Ø82	14 Jan Ø4	Robert L.
PCB-1221	< 1.2 !	ug/L	1	SW8Ø82	14 Jan Ø4	Robert L.
PCB-1232	< Ø.72 !	ug/L	Ø.6	SW8Ø82	14 Jan Ø4	Robert L.
PCB-1242	< Ø.72 !	ug/L	Ø.6	SW8Ø82	14 Jan Ø4	Robert L.
PCB-1248	< Ø.96 !	ug/L	Ø.8	SW8Ø82	14 Jan Ø4	Robert L.
PCB-1254	< Ø.72 !	ug/L	Ø.6	SW8Ø82	14 Jan Ø4	Robert L.
PCB-126Ø	< Ø.36 !	ug/L	Ø.3	SW8Ø82	14 Jan Ø4	Robert L.

2,4,5,6-TETRACHLORO-m-XYLENE (SURROGATE) RECOVERY: 81 %
DECACHLOROBIPHENYL (SURROGATE) RECOVERY: 98 %

Approved by:
Dan O'Connell, Organic
Laboratory Manager New Ulm, MN

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix
! = Due to sample quantity
= Due to sample concentration
+ = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not posible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. - New Ulm, MN 56073 - 800-782-3557 - Fax 507-359-2890
1411 S. 12th St. - Bismarck, ND 58502 - 800-279-6885 - Fax 701-258-9724
710 S. 14th St. - Grand Forks, ND 58201 - 800-272-7645 - Fax 701-772-0028
35 W. Lincoln Way - Nevada, IA 50201 - 800-362-0855 - Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-A65Ø
Work Order: 22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: GROUNDWATER
Date Sampled: 6 Jan Ø4
Sampled By:
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ71334
Ø4-18M-1ØØ

Temperature at Receipt: 2.Ø C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
625/8270 SVMS Extraction						9 Jan Ø4	Robert L.
Acenaphthene	83-32-9	< 1.9 !	ug/L	1.6	SW8270C	13 Jan Ø3	JG
Acenaphthylene	208-96-8	< 1.8 !	ug/L	1.5	SW8270C	13 Jan Ø3	JG
Acetophenone	98-86-2	< 1.8 !	ug/L	1.5	SW8270C	13 Jan Ø3	JG
4-Aminobiphenyl	92-67-1	< 4.4 !	ug/L	3.7	SW8270C	13 Jan Ø3	JG
Aniline	65-53-3	< 4.1 !	ug/L	3.4	SW8270C	13 Jan Ø3	JG
Anthracene	120-12-7	< 1.8 !	ug/L	1.5	SW8270C	13 Jan Ø3	JG
Benzidine	92-87-5	< 12 !	ug/L	1Ø	SW8270C	13 Jan Ø3	JG
Benzo(a)anthracene	56-55-3	< 1.7 !	ug/L	1.4	SW8270C	13 Jan Ø3	JG
Benzo(a)pyrene	50-32-8	< 1.8 !	ug/L	1.5	SW8270C	13 Jan Ø3	JG
Benzo(b)fluoranthene	205-99-2	< 1.7 !	ug/L	1.4	SW8270C	13 Jan Ø3	JG
Benzo(ghi)perylene	191-24-2	< 1.8 !	ug/L	1.5	SW8270C	13 Jan Ø3	JG
Benzo(k)fluoranthene	207-08-9	< 1.9 !	ug/L	1.6	SW8270C	13 Jan Ø3	JG
Benzoic Acid	65-85-0	< 24 !	ug/L	2Ø	SW8270C	13 Jan Ø3	JG
Benzyl Alcohol	100-51-6	< 1.2 !	ug/L	1	SW8270C	13 Jan Ø3	JG
Benzyl Butyl Phthalate	85-68-7	< 1.8 !	ug/L	1.5	SW8270C	13 Jan Ø3	JG
Bis(2-chloroethoxy)methane	111-91-1	< 1.9 !	ug/L	1.6	SW8270C	13 Jan Ø3	JG
Bis(2-chloroethyl)ether	111-44-4	< 2.4 !	ug/L	2	SW8270C	13 Jan Ø3	JG
Bis(2-chloroisopropyl)ether	108-60-1	< 1.6 !	ug/L	1.3	SW8270C	13 Jan Ø3	JG
Bis(2-ethylhexyl)phthalate	117-81-7	< 3.1 !	ug/L	2.6	SW8270C	13 Jan Ø3	JG
4-Bromophenyl Phenyl Ether	101-55-2	< 2 !	ug/L	1.7	SW8270C	13 Jan Ø3	JG
4-Chloro-3-methyl phenol	59-50-7	< 1.8 !	ug/L	1.5	SW8270C	13 Jan Ø3	JG

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix # = Due to sample concentration
! = Due to sample quantity + = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not possible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. - New Ulm, MN 56073 - 800-782-3557 - Fax 507-359-2890
1411 S. 12th St. - Bismarck, ND 58502 - 800-279-6885 - Fax 701-258-9724
710 S. 14th St. - Grand Forks, ND 58201 - 800-272-7645 - Fax 701-772-0028
35 W. Lincoln Way - Nevada, IA 50201 - 800-362-0855 - Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-A65Ø
Work Order: 22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: GROUNDWATER
Date Sampled: 6 Jan Ø4
Sampled By:
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ71334
Ø4-18M-1ØØ

Temperature at Receipt: 2.Ø C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
4-Chloroaniline	106-47-8	< 6 !	ug/L	5	SW8270C	13 Jan Ø3	JG
1-Chloronaphthalene	90-13-1	< 1.8 !	ug/L	1.5	SW8270C	13 Jan Ø3	JG
2-Chloronaphthalene	91-58-7	< 1.8 !	ug/L	1.5	SW8270C	13 Jan Ø3	JG
2-Chlorophenol	95-57-8	< 2.4 !	ug/L	2	SW8270C	13 Jan Ø3	JG
4-Chlorophenyl Phenyl Ether	7ØØ5-72-3	< 1.8 !	ug/L	1.5	SW8270C	13 Jan Ø3	JG
Chrysene	218-01-9	< 1.8 !	ug/L	1.5	SW8270C	13 Jan Ø3	JG
Di-n-butyl phthalate	84-74-2	< 2 !	ug/L	1.7	SW8270C	13 Jan Ø3	JG
Di-n-octyl phthalate	117-84-Ø	< 1.6 !	ug/L	1.3	SW8270C	13 Jan Ø3	JG
Dibenz (a,j) Acridine	224-42-Ø	< 1.7 !	ug/L	1.4	SW8270C	13 Jan Ø3	JG
Dibenzo(a,h)anthracene	53-70-3	< 1.6 !	ug/L	1.3	SW8270C	13 Jan Ø3	JG
Dibenzofuran	132-64-9	< 1.8 !	ug/L	1.5	SW8270C	13 Jan Ø3	JG
1,2-Dichlorobenzene	95-50-1	< 1.6 !	ug/L	1.3	SW8270C	13 Jan Ø3	JG
1,3-Dichlorobenzene	541-73-1	< 1.6 !	ug/L	1.3	SW8270C	13 Jan Ø3	JG
1,4-Dichlorobenzene	106-46-7	< 1.6 !	ug/L	1.3	SW8270C	13 Jan Ø3	JG
3,3-Dichlorobenzidine	91-94-1	< 6 !	ug/L	5	SW8270C	13 Jan Ø3	JG
2,4-Dichlorophenol	12Ø-83-2	< 2.4 !	ug/L	2	SW8270C	13 Jan Ø3	JG
2,6-Dichlorophenol	87-65-Ø	< 2.4 !	ug/L	2	SW8270C	13 Jan Ø3	JG
Diethyl phthalate	84-66-2	< 1.8 !	ug/L	1.5	SW8270C	13 Jan Ø3	JG
Dimethyl phthalate	131-11-3	< 1.8 !	ug/L	1.5	SW8270C	13 Jan Ø3	JG
p-Dimethylaminoazobenzene	6Ø-11-7	< 4.4 !	ug/L	3.7	SW8270C	13 Jan Ø3	JG
7,12-Dimethylbenz (a) Anthracene	57-97-6	< 1.7 !	ug/L	1.4	SW8270C	13 Jan Ø3	JG
a,a-Dimethylphenethylamine	122-09-8	< 24 !	ug/L	2Ø	SW8270C	13 Jan Ø3	JG

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix
! = Due to sample quantity
= Due to sample concentration
+ = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not posible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. - New Ulm, MN 56073 - 800-782-3557 - Fax 507-359-2890
1411 S. 12th St. - Bismarck, ND 58502 - 800-279-6885 - Fax 701-258-9724
710 S. 14th St. - Grand Forks, ND 58201 - 800-272-7645 - Fax 701-772-0028
35 W. Lincoln Way - Nevada, IA 50201 - 800-362-0855 - Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-A65Ø
Work Order: 22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: GROUNDWATER
Date Sampled: 6 Jan Ø4
Sampled By:
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ71334
Ø4-18M-1ØØ

Temperature at Receipt: 2.Ø C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
2,4-Dimethylphenol	105-67-9	< 6 !	ug/L	5	SW8270C	13 Jan Ø3	JG
2,4-Dinitrophenol	51-28-5	< 12 !	ug/L	10	SW8270C	13 Jan Ø3	JG
2,4-Dinitrotoluene	121-14-2	< 4.6 !	ug/L	3.8	SW8270C	13 Jan Ø3	JG
2,6-Dinitrotoluene	606-20-2	< 1.2 !	ug/L	1	SW8270C	13 Jan Ø3	JG
Diphenylamine	122-39-4	< 9.7 !	ug/L	8.1	SW8270C	13 Jan Ø3	JG
1,2-Diphenylhydrazine	122-66-7	< 1.7 !	ug/L	1.4	SW8270C	13 Jan Ø3	JG
Ethyl Methanesulfonate	62-50-Ø	< 1.2 !	ug/L	1	SW8270C	13 Jan Ø3	JG
Fluoranthene	206-44-Ø	< 1.9 !	ug/L	1.6	SW8270C	13 Jan Ø3	JG
Fluorene	86-73-7	< 1.9 !	ug/L	1.6	SW8270C	13 Jan Ø3	JG
Hexachlorobenzene	118-74-1	< 2.2 !	ug/L	1.8	SW8270C	13 Jan Ø3	JG
Hexachlorobutadiene	87-68-3	< 1.8 !	ug/L	1.5	SW8270C	13 Jan Ø3	JG
Hexachlorocyclopentadiene	77-47-4	< 5.8 !	ug/L	4.8	SW8270C	13 Jan Ø3	JG
Hexachloroethane	67-72-1	< 1.6 !	ug/L	1.3	SW8270C	13 Jan Ø3	JG
Indeno(1,2,3-cd)pyrene	193-39-5	< 1.7 !	ug/L	1.4	SW8270C	13 Jan Ø3	JG
Isophorone	78-59-1	< 1.9 !	ug/L	1.6	SW8270C	13 Jan Ø3	JG
Methyl Methanesulfonate	66-27-3	< 1.2 !	ug/L	1	SW8270C	13 Jan Ø3	JG
2-Methyl phenol	95-48-7	< 4.1 !	ug/L	3.4	SW8270C	13 Jan Ø3	JG
4-Methyl phenol	106-44-5	< 2.4 !	ug/L	2	SW8270C	13 Jan Ø3	JG
2-Methyl-4,6-dinitrophenol	534-52-1	< 7.1 !	ug/L	5.9	SW8270C	13 Jan Ø3	JG
3-Methylcholanthrene	56-49-5	< 6.5 !	ug/L	5.4	SW8270C	13 Jan Ø3	JG
2-Methylnaphthalene	91-57-6	< 2.4 !	ug/L	2	SW8270C	13 Jan Ø3	JG
N-Nitroso-di-n-Butylamine	924-16-3	< 2 !	ug/L	1.7	SW8270C	13 Jan Ø3	JG

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix # = Due to sample concentration
! = Due to sample quantity + = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not possible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. - New Ulm, MN 56073 - 800-782-3557 - Fax 507-359-2890
1411 S. 12th St. - Bismarck, ND 58502 - 800-279-6885 - Fax 701-258-9724
710 S. 14th St. - Grand Forks, ND 58201 - 800-272-7645 - Fax 701-772-0028
35 W. Lincoln Way - Nevada, IA 50201 - 800-362-0855 - Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-A65Ø
Work Order: 22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: GROUNDWATER
Date Sampled: 6 Jan Ø4
Sampled By:
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ71334
Ø4-18M-1ØØ

Temperature at Receipt: 2.Ø C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
N-Nitrosodi-n-propylamine	621-64-7	< 1.8 !	ug/L	1.5	SW8270C	13 Jan Ø3	JG
N-Nitrosodimethylamine	62-75-9	< 5 !	ug/L	4.2	SW8270C	13 Jan Ø3	JG
N-Nitrosodiphenylamine	86-30-6	< 9.7 !	ug/L	8.1	SW8270C	13 Jan Ø3	JG
N-Nitrosopiperidine	100-75-4	< 1.7 !	ug/L	1.4	SW8270C	13 Jan Ø3	JG
Naphthalene	91-20-3	< 1.9 !	ug/L	1.6	SW8270C	13 Jan Ø3	JG
1-Naphthylamine	134-32-7	< 3.6 !	ug/L	3	SW8270C	13 Jan Ø3	JG
2-Naphthylamine	91-59-8	< 4.8 !	ug/L	4	SW8270C	13 Jan Ø3	JG
2-Nitroaniline	88-74-4	< 1.2 !	ug/L	1	SW8270C	13 Jan Ø3	JG
3-Nitroaniline	99-09-2	< 1.2 !	ug/L	1	SW8270C	13 Jan Ø3	JG
4-Nitroaniline	100-01-6	< 5.4 !	ug/L	4.5	SW8270C	13 Jan Ø3	JG
Nitrobenzene	98-95-3	< 1.8 !	ug/L	1.5	SW8270C	13 Jan Ø3	JG
2-Nitrophenol	88-75-5	< 1.8 !	ug/L	1.5	SW8270C	13 Jan Ø3	JG
4-Nitrophenol	100-02-7	< 12 !	ug/L	10	SW8270C	13 Jan Ø3	JG
Pentachlorobenzene	608-93-5	< 1.9 !	ug/L	1.6	SW8270C	13 Jan Ø3	JG
Pentachloronitrobenzene	82-68-8	< 1.6 !	ug/L	1.3	SW8270C	13 Jan Ø3	JG
Pentachlorophenol	87-86-5	< 6.6 !	ug/L	5.5	SW8270C	13 Jan Ø3	JG
Phenacetin	62-44-2	< 1.8 !	ug/L	1.5	SW8270C	13 Jan Ø3	JG
Phenanthrene	85-01-8	< 1.9 !	ug/L	1.6	SW8270C	13 Jan Ø3	JG
Phenol	108-95-2	< 2.4 !	ug/L	2	SW8270C	13 Jan Ø3	JG
2-Picoline	109-06-8	< 4.7 !	ug/L	3.9	SW8270C	13 Jan Ø3	JG
Pronamide	23950-58-5	< 1.8 !	ug/L	1.5	SW8270C	13 Jan Ø3	JG
Pyrene	129-00-0	< 1.9 !	ug/L	1.6	SW8270C	13 Jan Ø3	JG

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix # = Due to sample concentration
! = Due to sample quantity + = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not posible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. ~ New Ulm, MN 56073 ~ 800-782-3557 ~ Fax 507-359-2890
1411 S. 12th St. ~ Bismarck, ND 58502 ~ 800-279-6885 ~ Fax 701-258-9724
710 S. 14th St. ~ Grand Forks, ND 58201 ~ 800-272-7645 ~ Fax 701-772-0028
35 W. Lincoln Way ~ Nevada, IA 50201 ~ 800-362-0855 ~ Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-A65Ø
Work Order: 22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: GROUNDWATER
Date Sampled: 6 Jan Ø4
Sampled By:
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ71334
Ø4-18M-1ØØ

Temperature at Receipt: 2.Ø C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
1,2,4,5-Tetrachlorobenzene	95-94-3	< 1.8 !	ug/L	1.5	SW8270C	13 Jan Ø3	JG
2,3,4,6-Tetrachlorophenol	58-90-2	< 4.8 !	ug/L	4	SW8270C	13 Jan Ø3	JG
1,2,4-Trichlorobenzene	120-82-1	< 1.9 !	ug/L	1.6	SW8270C	13 Jan Ø3	JG
2,4,5-Trichlorophenol	95-95-4	< 1.8 !	ug/L	1.5	SW8270C	13 Jan Ø3	JG
2,4,6-Trichlorophenol	88-06-2	< 1.8 !	ug/L	1.5	SW8270C	13 Jan Ø3	JG

NITROBENZENE (SURROGATE) RECOVERY: 86 %
2-FLUOROBIPHENYL (SURROGATE) RECOVERY: 80 %
TERPHENYL-d14 (SURROGATE) RECOVERY: 79 %

2-FLUOROPHENOL (SURROGATE) RECOVERY: 62 %
PHENOL-d5 (SURROGATE) RECOVERY: 44 %
2,4,6-TRIBROMOPHENOL (SURROGATE) RECOVERY: 99 %

Approved by:
Dan O'Connell, Organic
Laboratory Manager New Ulm, MN

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix # = Due to sample concentration
! = Due to sample quantity + = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not possible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. ~ New Ulm, MN 56073 ~ 800-782-3557 ~ Fax 507-359-2890
1411 S. 12th St. ~ Bismarck, ND 58502 ~ 800-279-6885 ~ Fax 701-258-9724
710 S. 14th St. ~ Grand Forks, ND 58201 ~ 800-272-7645 ~ Fax 701-772-0028
35 W. Lincoln Way ~ Nevada, IA 50201 ~ 800-362-0855 ~ Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-A651
Work Order #:22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: GROUNDWATER
Date Sampled: 6 Jan Ø4
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ713Ø9
Ø4-17M-1ØØ

Temperature at Receipt: 2.Ø C

	As Received Result	Method RL	Method Reference	Date Analyzed	Analyst
6Ø8/8Ø81/8Ø82 Extraction				12 Jan Ø4	LM
PCB-1Ø16	< Ø.777 ! ug/L	Ø.7	SW8Ø82	14 Jan Ø4	Robert L.
PCB-1221	< 1.11 ! ug/L	1	SW8Ø82	14 Jan Ø4	Robert L.
PCB-1232	< Ø.666 ! ug/L	Ø.6	SW8Ø82	14 Jan Ø4	Robert L.
PCB-1242	< Ø.666 ! ug/L	Ø.6	SW8Ø82	14 Jan Ø4	Robert L.
PCB-1248	< Ø.888 ! ug/L	Ø.8	SW8Ø82	14 Jan Ø4	Robert L.
PCB-1254	< Ø.666 ! ug/L	Ø.6	SW8Ø82	14 Jan Ø4	Robert L.
PCB-126Ø	< Ø.333 ! ug/L	Ø.3	SW8Ø82	14 Jan Ø4	Robert L.

2,4,5,6-TETRACHLORO-m-XYLENE (SURROGATE) RECOVERY: 91 %
DECACHLOROBIPHENYL (SURROGATE) RECOVERY: 98 %

Approved by: _____
Dan O'Connell, Organic
Laboratory Manager New Ulm, MN

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix
! = Due to sample quantity
= Due to sample concentration
+ = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447688Ø ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not possible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. - New Ulm, MN 56073 - 800-782-3557 - Fax 507-359-2890
1411 S. 12th St. - Bismarck, ND 58502 - 800-279-6885 - Fax 701-258-9724
710 S. 14th St. - Grand Forks, ND 58201 - 800-272-7645 - Fax 701-772-0028
35 W. Lincoln Way - Nevada, IA 50201 - 800-362-0855 - Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-A651
Work Order: 22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: GROUNDWATER
Date Sampled: 6 Jan Ø4
Sampled By:
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ71309
Ø4-17M-1ØØ

Temperature at Receipt: 2.Ø C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
625/8270 SVMS Extraction						9 Jan Ø4	Robert L.
Acenaphthene	83-32-9	< 1.6	ug/L	1.6	SW8270C	13 Jan Ø4	JG
Acenaphthylene	208-96-8	< 1.5	ug/L	1.5	SW8270C	13 Jan Ø4	JG
Acetophenone	98-86-2	< 1.5	ug/L	1.5	SW8270C	13 Jan Ø4	JG
4-Aminobiphenyl	92-67-1	< 3.7	ug/L	3.7	SW8270C	13 Jan Ø4	JG
Aniline	62-53-3	< 3.4	ug/L	3.4	SW8270C	13 Jan Ø4	JG
Anthracene	120-12-7	< 1.5	ug/L	1.5	SW8270C	13 Jan Ø4	JG
Benzidine	92-87-5	< 10	ug/L	10	SW8270C	13 Jan Ø4	JG
Benzo(a)anthracene	56-55-3	< 1.4	ug/L	1.4	SW8270C	13 Jan Ø4	JG
Benzo(a)pyrene	50-32-8	< 1.5	ug/L	1.5	SW8270C	13 Jan Ø4	JG
Benzo(b)fluoranthene	205-99-2	< 1.4	ug/L	1.4	SW8270C	13 Jan Ø4	JG
Benzo(ghi)perylene	191-24-2	< 1.5	ug/L	1.5	SW8270C	13 Jan Ø4	JG
Benzo(k)fluoranthene	207-08-9	< 1.6	ug/L	1.6	SW8270C	13 Jan Ø4	JG
Benzoic Acid	65-85-0	< 20	ug/L	20	SW8270C	13 Jan Ø4	JG
Benzyl Alcohol	100-51-6	< 1	ug/L	1	SW8270C	13 Jan Ø4	JG
Benzyl Butyl Phthalate	85-68-7	< 1.5	ug/L	1.5	SW8270C	13 Jan Ø4	JG
Bis(2-chloroethoxy)methane	111-91-1	< 1.6	ug/L	1.6	SW8270C	13 Jan Ø4	JG
Bis(2-chloroethyl)ether	111-44-4	< 2	ug/L	2	SW8270C	13 Jan Ø4	JG
Bis(2-chloroisopropyl)ether	108-60-1	< 1.3	ug/L	1.3	SW8270C	13 Jan Ø4	JG
Bis(2-ethylhexyl)phthalate	117-81-7	< 2.6	ug/L	2.6	SW8270C	13 Jan Ø4	JG
4-Bromophenyl Phenyl Ether	101-55-3	< 1.7	ug/L	1.7	SW8270C	13 Jan Ø4	JG
4-Chloro-3-methyl phenol	59-50-7	< 1.5	ug/L	1.5	SW8270C	13 Jan Ø4	JG

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix # = Due to sample concentration
! = Due to sample quantity + = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not posible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. - New Ulm, MN 56073 - 800-782-3557 - Fax 507-359-2890
1411 S. 12th St. - Bismarck, ND 58502 - 800-279-6885 - Fax 701-258-9724
710 S. 14th St. - Grand Forks, ND 58201 - 800-272-7645 - Fax 701-772-0028
35 W. Lincoln Way - Nevada, IA 50201 - 800-362-0855 - Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-A651
Work Order: 22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: GROUNDWATER
Date Sampled: 6 Jan Ø4
Sampled By:
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ71309
Ø4-17M-1ØØ

Temperature at Receipt: 2.Ø C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
4-Chloroaniline	1Ø6-47-8	< 5	ug/L	5	SW8270C	13 Jan Ø4	JG
1-Chloronaphthalene	9Ø-13-1	< 1.5	ug/L	1.5	SW8270C	13 Jan Ø4	JG
-Chloronaphthalene	91-58-7	< 1.5	ug/L	1.5	SW8270C	13 Jan Ø4	JG
-Chlorophenol	95-57-8	< 2	ug/L	2	SW8270C	13 Jan Ø4	JG
4-Chlorophenyl Phenyl Ether	7ØØ5-72-3	< 1.5	ug/L	1.5	SW8270C	13 Jan Ø4	JG
hrysene	218-Ø1-9	< 1.5	ug/L	1.5	SW8270C	13 Jan Ø4	JG
i-n-butyl phthalate	84-74-2	< 1.7	ug/L	1.7	SW8270C	13 Jan Ø4	JG
Di-n-octyl phthalate	117-84-Ø	< 1.3	ug/L	1.3	SW8270C	13 Jan Ø4	JG
Dibenz (a,j) Acridine	224-42-Ø	< 1.4	ug/L	1.4	SW8270C	13 Jan Ø4	JG
ibenzo(a,h)anthracene	53-7Ø-3	< 1.3	ug/L	1.3	SW8270C	13 Jan Ø4	JG
ibenzofuran	132-64-9	< 1.5	ug/L	1.5	SW8270C	13 Jan Ø4	JG
1,2-Dichlorobenzene	95-5Ø-1	< 1.3	ug/L	1.3	SW8270C	13 Jan Ø4	JG
,3-Dichlorobenzene	541-73-1	< 1.3	ug/L	1.3	SW8270C	13 Jan Ø4	JG
,4-Dichlorobenzene	1Ø6-46-7	< 1.3	ug/L	1.3	SW8270C	13 Jan Ø4	JG
3,3-Dichlorobenzidine	91-94-1	< 5	ug/L	5	SW8270C	13 Jan Ø4	JG
,4-Dichlorophenol	12Ø-83-2	< 2	ug/L	2	SW8270C	13 Jan Ø4	JG
,6-Dichlorophenol	87-65-Ø	< 2	ug/L	2	SW8270C	13 Jan Ø4	JG
Diethyl phthalate	84-66-2	< 1.5	ug/L	1.5	SW8270C	13 Jan Ø4	JG
Dimethyl phthalate	131-11-3	< 1.5	ug/L	1.5	SW8270C	13 Jan Ø4	JG
-Dimethylaminazobenzene	6Ø-11-7	< 3.7	ug/L	3.7	SW8270C	13 Jan Ø4	JG
7,12-Dimethylbenz (a) Anthracene	57-97-6	< 1.4	ug/L	1.4	SW8270C	13 Jan Ø4	JG
a,a-Dimethylphenethylamine	122-Ø9-8	< 2Ø	ug/L	2Ø	SW8270C	13 Jan Ø4	JG

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix
! = Due to sample quantity
= Due to sample concentration
+ = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not posible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. - New Ulm, MN 56073 - 800-782-3557 - Fax 507-359-2890
1411 S. 12th St. - Bismarck, ND 58502 - 800-279-6885 - Fax 701-258-9724
710 S. 14th St. - Grand Forks, ND 58201 - 800-272-7645 - Fax 701-772-0028
35 W. Lincoln Way - Nevada, IA 50201 - 800-362-0855 - Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-A651
Work Order: 22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: GROUNDWATER
Date Sampled: 6 Jan Ø4
Sampled By:
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ713Ø9
Ø4-17M-1ØØ

Temperature at Receipt: 2.Ø C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
2,4-Dimethylphenol	105-67-9	< 5	ug/L	5	SW8270C	13 Jan Ø4	JG
2,4-Dinitrophenol	51-28-5	< 10	ug/L	10	SW8270C	13 Jan Ø4	JG
2,4-Dinitrotoluene	121-14-2	< 3.8	ug/L	3.8	SW8270C	13 Jan Ø4	JG
2,6-Dinitrotoluene	606-20-2	< 1	ug/L	1	SW8270C	13 Jan Ø4	JG
Diphenylamine	122-39-4	< 8.1	ug/L	8.1	SW8270C	13 Jan Ø4	JG
1,2-Diphenylhydrazine	122-66-7	< 1.4	ug/L	1.4	SW8270C	13 Jan Ø4	JG
Ethyl Methanesulfonate	62-50-0	< 1	ug/L	1	SW8270C	13 Jan Ø4	JG
Fluoranthene	206-44-0	< 1.6	ug/L	1.6	SW8270C	13 Jan Ø4	JG
Fluorene	86-73-7	< 1.6	ug/L	1.6	SW8270C	13 Jan Ø4	JG
Hexachlorobenzene	118-74-1	< 1.8	ug/L	1.8	SW8270C	13 Jan Ø4	JG
Hexachlorobutadiene	87-68-3	< 1.5	ug/L	1.5	SW8270C	13 Jan Ø4	JG
Hexachlorocyclopentadiene	77-47-4	< 4.8	ug/L	4.8	SW8270C	13 Jan Ø4	JG
Hexachloroethane	67-72-1	< 1.3	ug/L	1.3	SW8270C	13 Jan Ø4	JG
Indeno(1,2,3-cd)pyrene	193-39-5	< 1.4	ug/L	1.4	SW8270C	13 Jan Ø4	JG
Isophorone	78-59-1	< 1.6	ug/L	1.6	SW8270C	13 Jan Ø4	JG
Methyl Methanesulfonate	66-27-3	< 1	ug/L	1	SW8270C	13 Jan Ø4	JG
2-Methyl phenol	95-48-7	< 3.4	ug/L	3.4	SW8270C	13 Jan Ø4	JG
4-Methyl phenol	106-44-5	< 2	ug/L	2	SW8270C	13 Jan Ø4	JG
2-Methyl-4,6-dinitrophenol	534-52-1	< 5.9	ug/L	5.9	SW8270C	13 Jan Ø4	JG
3-Methylcholanthrene	56-49-5	< 5.4	ug/L	5.4	SW8270C	13 Jan Ø4	JG
2-Methylnaphthalene	91-57-6	< 2	ug/L	2	SW8270C	13 Jan Ø4	JG
N-Nitroso-di-n-Butylamine	924-16-3	< 1.7	ug/L	1.7	SW8270C	13 Jan Ø4	JG

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix # = Due to sample concentration
! = Due to sample quantity + = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1013-M ND WW/OW # R-040 IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not posible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. - New Ulm, MN 56073 - 800-782-3557 - Fax 507-359-2890
1411 S. 12th St. - Bismarck, ND 58502 - 800-279-6885 - Fax 701-258-9724
710 S. 14th St. - Grand Forks, ND 58201 - 800-272-7645 - Fax 701-772-0028
35 W. Lincoln Way - Nevada, IA 50201 - 800-362-0855 - Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-A651
Work Order: 22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: GROUNDWATER
Date Sampled: 6 Jan Ø4
Sampled By:
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ713Ø9
Ø4-17M-1ØØ

Temperature at Receipt: 2.Ø C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
N-Nitrosodi-n-propylamine	621-64-7	< 1.5	ug/L	1.5	SW8270C	13 Jan Ø4	JG
N-Nitrosodimethylamine	62-75-9	< 4.2	ug/L	4.2	SW8270C	13 Jan Ø4	JG
N-Nitrosodiphenylamine	86-30-6	< 8.1	ug/L	8.1	SW8270C	13 Jan Ø4	JG
N-Nitrosopiperidine	100-75-4	< 1.4	ug/L	1.4	SW8270C	13 Jan Ø4	JG
Naphthalene	91-20-3	< 1.6	ug/L	1.6	SW8270C	13 Jan Ø4	JG
1-Naphthylamine	134-32-7	< 3	ug/L	3	SW8270C	13 Jan Ø4	JG
2-Naphthylamine	91-59-8	< 4	ug/L	4	SW8270C	13 Jan Ø4	JG
2-Nitroaniline	88-74-4	< 1	ug/L	1	SW8270C	13 Jan Ø4	JG
3-Nitroaniline	99-09-2	< 1	ug/L	1	SW8270C	13 Jan Ø4	JG
4-Nitroaniline	100-01-6	< 4.5	ug/L	4.5	SW8270C	13 Jan Ø4	JG
Nitrobenzene	98-95-3	< 1.5	ug/L	1.5	SW8270C	13 Jan Ø4	JG
2-Nitrophenol	88-75-5	< 1.5	ug/L	1.5	SW8270C	13 Jan Ø4	JG
4-Nitrophenol	100-02-7	< 10	ug/L	10	SW8270C	13 Jan Ø4	JG
Pentachlorobenzene	608-93-5	< 1.6	ug/L	1.6	SW8270C	13 Jan Ø4	JG
Pentachloronitrobenzene	82-68-8	< 1.3	ug/L	1.3	SW8270C	13 Jan Ø4	JG
Pentachlorophenol	87-86-5	< 5.5	ug/L	5.5	SW8270C	13 Jan Ø4	JG
Phenacetin	62-44-2	< 1.5	ug/L	1.5	SW8270C	13 Jan Ø4	JG
Phenanthrene	85-01-8	< 1.6	ug/L	1.6	SW8270C	13 Jan Ø4	JG
Phenol	108-95-2	< 2	ug/L	2	SW8270C	13 Jan Ø4	JG
2-Picoline	109-06-8	< 3.9	ug/L	3.9	SW8270C	13 Jan Ø4	JG
Pronamide	23950-58-5	< 1.5	ug/L	1.5	SW8270C	13 Jan Ø4	JG
Pyrene	129-00-0	< 1.6	ug/L	1.6	SW8270C	13 Jan Ø4	JG

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix
! = Due to sample quantity
= Due to sample concentration
+ = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not possible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MVTL

MINNESOTA VALLEY TESTING LABORATORIES, INC.

1126 N. Front St. - New Ulm, MN 56073 - 800-782-3557 - Fax 507-359-2890
1411 S. 12th St. - Bismarck, ND 58502 - 800-279-6885 - Fax 701-258-9724
710 S. 14th St. - Grand Forks, ND 58201 - 800-272-7645 - Fax 701-772-0028
35 W. Lincoln Way - Nevada, IA 50201 - 800-362-0855 - Fax 515-382-3885

MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-A651
Work Order: 22-ØØØ7
Account #: ØØ22Ø15
Sample Matrix: GROUNDWATER
Date Sampled: 6 Jan Ø4
Sampled By:
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ713Ø9
Ø4-17M-1ØØ

Temperature at Receipt: 2.Ø C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
1,2,4,5-Tetrachlorobenzene	95-94-3	< 1.5	ug/L	1.5	SW8270C	13 Jan Ø4	JG
2,3,4,6-Tetrachlorophenol	58-90-2	< 4	ug/L	4	SW8270C	13 Jan Ø4	JG
1,2,4-Trichlorobenzene	120-82-1	< 1.6	ug/L	1.6	SW8270C	13 Jan Ø4	JG
2,4,5-Trichlorophenol	95-95-4	< 1.5	ug/L	1.5	SW8270C	13 Jan Ø4	JG
2,4,6-Trichlorophenol	88-06-2	< 1.5	ug/L	1.5	SW8270C	13 Jan Ø4	JG

NITROBENZENE (SURROGATE) RECOVERY: 80 %
2-FLUOROBIPHENYL (SURROGATE) RECOVERY: 79 %
TERPHENYL-d14 (SURROGATE) RECOVERY: 76 %

2-FLUOROPHENOL (SURROGATE) RECOVERY: 62 %
PHENOL-d5 (SURROGATE) RECOVERY: 45 %
2,4,6-TRIBROMOPHENOL (SURROGATE) RECOVERY: 99 %

Approved by:
Dan O'Connell, Organic
Laboratory Manager New Ulm, MN

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix # = Due to sample concentration
! = Due to sample quantity + = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1Ø13-M ND WW/OW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not possible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.

AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. - New Ulm, MN 56073 - 800-782-3557 - Fax 507-359-2890
1411 S. 12th St. - Bismarck, ND 58502 - 800-279-6885 - Fax 701-258-9724
710 S. 14th St. - Grand Forks, ND 58201 - 800-272-7645 - Fax 701-772-0028
35 W. Lincoln Way - Nevada, IA 50201 - 800-362-0855 - Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-N167
Work Order #:22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: SOIL
Date Sampled: 6 Jan Ø4
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ7134B/SØ4ØØ71345
Ø4-17M-2ØØ(6-8')

Temperature at Receipt: 2.Ø C

	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
6Ø8/8Ø81/8Ø82 Extraction					14 Jan Ø4	Robert L.
PCB-1Ø16	< 4Ø	ug/Kg	4Ø	SW8Ø82	15 Jan Ø4	Robert L.
PCB-1221	< 4Ø	ug/Kg	4Ø	SW8Ø82	15 Jan Ø4	Robert L.
PCB-1232	< 4Ø	ug/Kg	4Ø	SW8Ø82	15 Jan Ø4	Robert L.
PCB-1242	< 4Ø	ug/Kg	4Ø	SW8Ø82	15 Jan Ø4	Robert L.
PCB-1248	< 4Ø	ug/Kg	4Ø	SW8Ø82	15 Jan Ø4	Robert L.
PCB-1254	< 3Ø	ug/Kg	3Ø	SW8Ø82	15 Jan Ø4	Robert L.
PCB-126Ø	< 2Ø	ug/Kg	2Ø	SW8Ø82	15 Jan Ø4	Robert L.
PCB-1262	< 3Ø	ug/Kg	3Ø	SW8Ø82	15 Jan Ø4	Robert L.
PCB-1268	< 3Ø	ug/Kg	3Ø	SW8Ø82	15 Jan Ø4	Robert L.

2,4,5,6-TETRACHLORO-m-XYLENE (SURROGATE) RECOVERY: 84 %
DECACHLOROBIPHENYL (SURROGATE) RECOVERY: 93 %

Approved by:
Dan O'Connell, Organic
Laboratory Manager New Ulm, MN

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix
! = Due to sample quantity
= Due to sample concentration
+ = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447688Ø ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not posible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. ~ New Ulm, MN 56073 ~ 800-782-3557 ~ Fax 507-359-2890
1411 S. 12th St. ~ Bismarck, ND 58502 ~ 800-279-6885 ~ Fax 701-258-9724
710 S. 14th St. ~ Grand Forks, ND 58201 ~ 800-272-7645 ~ Fax 701-772-0028
35 W. Lincoln Way ~ Nevada, IA 50201 ~ 800-362-0855 ~ Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-N167
Work Order: 22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: SOIL
Date Sampled: 6 Jan Ø4
Sampled By:
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ7134B/SØ4ØØ71345
Ø4-17M-2ØØ(6-8')

Temperature at Receipt: 2.Ø C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
625/8270 SVMS Extraction						13 Jan Ø4	LM
Acenaphthene	83-32-9	< Ø.Ø36	mg/Kg	Ø.Ø36	SW8270C	15 Jan Ø4	JG
Acenaphthylene	208-96-8	< Ø.Ø34	mg/Kg	Ø.Ø34	SW8270C	15 Jan Ø4	JG
Acetophenone	98-86-2	Ø.Ø56	mg/Kg	Ø.Ø41	SW8270C	15 Jan Ø4	JG
4-Aminobiphenyl	92-67-1	< Ø.85	mg/Kg	Ø.85	SW8270C	15 Jan Ø4	JG
Aniline	62-53-3	< Ø.8	mg/Kg	Ø.8	SW8270C	15 Jan Ø4	JG
Anthracene	120-12-7	< Ø.Ø32	mg/Kg	Ø.Ø32	SW8270C	15 Jan Ø4	JG
Benzidine	92-87-5	< 13	mg/Kg	13	SW8270C	15 Jan Ø4	JG
Benzo(a)anthracene	56-55-3	Ø.Ø79	mg/Kg	Ø.Ø31	SW8270C	15 Jan Ø4	JG
Benzo(a)pyrene	50-32-8	Ø.Ø76	mg/Kg	Ø.Ø38	SW8270C	15 Jan Ø4	JG
Benzo(b)fluoranthene	205-99-2	Ø.Ø77	mg/Kg	Ø.Ø35	SW8270C	15 Jan Ø4	JG
Benzo(ghi)perylene	191-24-2	< Ø.Ø9	mg/Kg	Ø.Ø9	SW8270C	15 Jan Ø4	JG
Benzo(k)fluoranthene	207-08-9	Ø.Ø9Ø	mg/Kg	Ø.Ø31	SW8270C	15 Jan Ø4	JG
Benzoic Acid	65-85-0	< 1Ø	mg/Kg	1Ø	SW8270C	15 Jan Ø4	JG
Benzyl Alcohol	1ØØ-51-6	< Ø.Ø6	mg/Kg	Ø.Ø6	SW8270C	15 Jan Ø4	JG
Benzyl Butyl Phthalate	85-68-7	< Ø.Ø35	mg/Kg	Ø.Ø35	SW8270C	15 Jan Ø4	JG
Bis(2-chloroethoxy)methane	111-91-1	< Ø.Ø85	mg/Kg	Ø.Ø85	SW8270C	15 Jan Ø4	JG
Bis(2-chloroethyl)ether	111-44-4	< Ø.Ø4	mg/Kg	Ø.Ø4	SW8270C	15 Jan Ø4	JG
Bis(2-chloroisopropyl)ether	1Ø8-6Ø-1	< Ø.Ø32	mg/Kg	Ø.Ø32	SW8270C	15 Jan Ø4	JG
Bis(2-ethylhexyl)phthalate	117-81-7	< Ø.Ø9	mg/Kg	Ø.Ø9	SW8270C	15 Jan Ø4	JG
4-Bromophenyl Phenyl Ether	1Ø1-55-3	< Ø.Ø47	mg/Kg	Ø.Ø47	SW8270C	15 Jan Ø4	JG
4-Chloro-3-methyl phenol	59-5Ø-7	< Ø.Ø9	mg/Kg	Ø.Ø9	SW8270C	15 Jan Ø4	JG

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix # = Due to sample concentration
! = Due to sample quantity + = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not possible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. ~ New Ulm, MN 56073 ~ 800-782-3557 ~ Fax 507-359-2890
1411 S. 12th St. ~ Bismarck, ND 58502 ~ 800-279-6885 ~ Fax 701-258-9724
710 S. 14th St. ~ Grand Forks, ND 58201 ~ 800-272-7645 ~ Fax 701-772-0028
35 W. Lincoln Way ~ Nevada, IA 50201 ~ 800-362-0855 ~ Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-N167
Work Order: 22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: SOIL
Date Sampled: 6 Jan Ø4
Sampled By:
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ7134B/SØ4ØØ71345
Ø4-17M-2ØØ(6-8')

Temperature at Receipt: 2.Ø C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
4-Chloroaniline	106-47-8	< 1.5	mg/Kg	1.5	SW8270C	15 Jan Ø4	JG
1-Chloronaphthalene	90-13-1	< Ø.Ø45	mg/Kg	Ø.Ø45	SW8270C	15 Jan Ø4	JG
2-Chloronaphthalene	91-58-7	< Ø.Ø42	mg/Kg	Ø.Ø42	SW8270C	15 Jan Ø4	JG
2-Chlorophenol	95-57-8	< Ø.Ø45	mg/Kg	Ø.Ø45	SW8270C	15 Jan Ø4	JG
4-Chlorophenyl Phenyl Ether	7ØØ5-72-3	< Ø.Ø35	mg/Kg	Ø.Ø35	SW8270C	15 Jan Ø4	JG
Chrysene	218-01-9	Ø.Ø93	mg/Kg	Ø.Ø34	SW8270C	15 Jan Ø4	JG
Di-n-butyl phthalate	84-74-2	< Ø.Ø8	mg/Kg	Ø.Ø8	SW8270C	15 Jan Ø4	JG
Di-n-octyl phthalate	117-84-Ø	< Ø.Ø35	mg/Kg	Ø.Ø35	SW8270C	15 Jan Ø4	JG
Dibenz (a,j) Acridine	224-42-Ø	< Ø.Ø9	mg/Kg	Ø.Ø9	SW8270C	15 Jan Ø4	JG
Dibenzo(a,h)anthracene	53-7Ø-3	< Ø.Ø9	mg/Kg	Ø.Ø9	SW8270C	15 Jan Ø4	JG
Dibenzofuran	132-64-9	Ø.Ø9Ø	mg/Kg	Ø.Ø35	SW8270C	15 Jan Ø4	JG
1,2-Dichlorobenzene	95-5Ø-1	< Ø.Ø39	mg/Kg	Ø.Ø39	SW8270C	15 Jan Ø4	JG
1,3-Dichlorobenzene	541-73-1	< Ø.Ø32	mg/Kg	Ø.Ø32	SW8270C	15 Jan Ø4	JG
1,4-Dichlorobenzene	1Ø6-46-7	< Ø.Ø37	mg/Kg	Ø.Ø37	SW8270C	15 Jan Ø4	JG
3,3-Dichlorobenzidine	91-94-1	< 1.26	mg/Kg	1.26	SW8270C	15 Jan Ø4	JG
2,4-Dichlorophenol	12Ø-83-2	< Ø.Ø5	mg/Kg	Ø.Ø5	SW8270C	15 Jan Ø4	JG
2,6-Dichlorophenol	87-65-Ø	< Ø.Ø4	mg/Kg	Ø.Ø4	SW8270C	15 Jan Ø4	JG
Diethyl phthalate	84-66-2	< Ø.Ø4	mg/Kg	Ø.Ø4	SW8270C	15 Jan Ø4	JG
Dimethyl phthalate	131-11-3	< Ø.Ø37	mg/Kg	Ø.Ø37	SW8270C	15 Jan Ø4	JG
p-Dimethylaminazobenzene	6Ø-11-7	< Ø.Ø4	mg/Kg	Ø.Ø4	SW8270C	15 Jan Ø4	JG
7,12-Dimethylbenz (a) Anthracene	57-97-6	< Ø.Ø45	mg/Kg	Ø.Ø45	SW8270C	15 Jan Ø4	JG
a,a-Dimethylphenethylamine	122-Ø9-8	NP	mg/Kg	ND	SW8270C	15 Jan Ø4	JG

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix # = Due to sample concentration
! = Due to sample quantity + = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not possible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. - New Ulm, MN 56073 - 800-782-3557 - Fax 507-359-2890
1411 S. 12th St. - Bismarck, ND 58502 - 800-279-6885 - Fax 701-258-9724
710 S. 14th St. - Grand Forks, ND 58201 - 800-272-7645 - Fax 701-772-0028
35 W. Lincoln Way - Nevada, IA 50201 - 800-362-0855 - Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-N167
Work Order: 22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: SOIL
Date Sampled: 6 Jan Ø4
Sampled By:
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ7134B/SØ4ØØ71345
Ø4-17M-2ØØ(6-8')

Temperature at Receipt: 2.Ø C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
2,4-Dimethylphenol	105-67-9	< Ø.Ø42	mg/Kg	Ø.Ø42	SW8270C	15 Jan Ø4	JG
2,4-Dinitrophenol	51-28-5	< 6	mg/Kg	6	SW8270C	15 Jan Ø4	JG
2,4-Dinitrotoluene	121-14-2	< Ø.Ø45	mg/Kg	Ø.Ø45	SW8270C	15 Jan Ø4	JG
2,6-Dinitrotoluene	606-20-2	< Ø.Ø5	mg/Kg	Ø.Ø5	SW8270C	15 Jan Ø4	JG
Diphenylamine	122-39-4	< Ø.Ø54	mg/Kg	Ø.Ø54	SW8270C	15 Jan Ø4	JG
1,2-Diphenylhydrazine	122-66-7	< Ø.Ø4	mg/Kg	Ø.Ø4	SW8270C	15 Jan Ø4	JG
Ethyl Methanesulfonate	62-50-Ø	< Ø.Ø4	mg/Kg	Ø.Ø4	SW8270C	15 Jan Ø4	JG
Fluoranthene	206-44-Ø	Ø.136	mg/Kg	Ø.Ø4Ø	SW8270C	15 Jan Ø4	JG
Fluorene	86-73-7	< Ø.Ø36	mg/Kg	Ø.Ø36	SW8270C	15 Jan Ø4	JG
Hexachlorobenzene	118-74-1	< Ø.Ø4	mg/Kg	Ø.Ø4	SW8270C	15 Jan Ø4	JG
Hexachlorobutadiene	87-68-3	< Ø.Ø33	mg/Kg	Ø.Ø33	SW8270C	15 Jan Ø4	JG
Hexachlorocyclopentadiene	77-47-4	< 6.9	mg/Kg	6.9	SW8270C	15 Jan Ø4	JG
Hexachloroethane	67-72-1	< Ø.Ø5	mg/Kg	Ø.Ø5	SW8270C	15 Jan Ø4	JG
Indeno(1,2,3-cd)pyrene	193-39-5	< Ø.Ø8	mg/Kg	Ø.Ø8	SW8270C	15 Jan Ø4	JG
Isophorone	78-59-1	< Ø.8	mg/Kg	Ø.8	SW8270C	15 Jan Ø4	JG
Methyl Methanesulfonate	66-27-3	< 2.22	mg/Kg	2.22	SW8270C	15 Jan Ø4	JG
2-Methyl phenol	95-48-7	< Ø.Ø35	mg/Kg	Ø.Ø35	SW8270C	15 Jan Ø4	JG
4-Methyl phenol	106-44-5	Ø.Ø78	mg/Kg	Ø.Ø41	SW8270C	15 Jan Ø4	JG
2-Methyl-4,6-dinitrophenol	534-52-1	< Ø.9	mg/Kg	Ø.9	SW8270C	15 Jan Ø4	JG
3-Methylcholanthrene	56-49-5	< Ø.Ø45	mg/Kg	Ø.Ø45	SW8270C	15 Jan Ø4	JG
2-Methylnaphthalene	91-57-6	Ø.Ø88	mg/Kg	Ø.Ø4Ø	SW8270C	15 Jan Ø4	JG
N-Nitroso-di-n-Butylamine	924-16-3	< Ø.Ø5	mg/Kg	Ø.Ø5	SW8270C	15 Jan Ø4	JG

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix # = Due to sample concentration
! = Due to sample quantity + = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not posible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. - New Ulm, MN 56073 - 800-782-3557 - Fax 507-359-2890
1411 S. 12th St. - Bismarck, ND 58502 - 800-279-6885 - Fax 701-258-9724
710 S. 14th St. - Grand Forks, ND 58201 - 800-272-7645 - Fax 701-772-0028
35 W. Lincoln Way - Nevada, IA 50201 - 800-362-0855 - Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-N167
Work Order: 22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: SOIL
Date Sampled: 6 Jan Ø4
Sampled By:
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ7134B/SØ4ØØ71345
Ø4-17M-2ØØ(6-8')

Temperature at Receipt: 2.Ø C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
N-Nitrosodi-n-propylamine	621-64-7	< Ø.Ø7	mg/Kg	Ø.Ø7	SW8270C	15 Jan Ø4	JG
N-Nitrosodimethylamine	62-75-9	< Ø.Ø9	mg/Kg	Ø.Ø9	SW8270C	15 Jan Ø4	JG
N-Nitrosodiphenylamine	86-30-6	< Ø.Ø65	mg/Kg	Ø.Ø65	SW8270C	15 Jan Ø4	JG
N-Nitrosopiperidine	100-75-4	< Ø.Ø45	mg/Kg	Ø.Ø45	SW8270C	15 Jan Ø4	JG
Naphthalene	91-20-3	Ø.12Ø	mg/Kg	Ø.Ø33	SW8270C	15 Jan Ø4	JG
1-Naphthylamine	134-32-7	< 8	mg/Kg	6	SW8270C	15 Jan Ø4	JG
2-Naphthylamine	91-59-8	< 6	mg/Kg	6	SW8270C	15 Jan Ø4	JG
2-Nitroaniline	88-74-4	< Ø.Ø45	mg/Kg	Ø.Ø45	SW8270C	15 Jan Ø4	JG
3-Nitroaniline	99-09-2	< Ø.Ø73	mg/Kg	Ø.Ø73	SW8270C	15 Jan Ø4	JG
4-Nitroaniline	100-01-6	< Ø.2	mg/Kg	Ø.2	SW8270C	15 Jan Ø4	JG
Nitrobenzene	98-95-3	< Ø.Ø51	mg/Kg	Ø.Ø51	SW8270C	15 Jan Ø4	JG
2-Nitrophenol	88-75-5	< 1	mg/Kg	1	SW8270C	15 Jan Ø4	JG
4-Nitrophenol	100-02-7	< Ø.1	mg/Kg	Ø.1	SW8270C	15 Jan Ø4	JG
Pentachlorobenzene	608-93-5	< Ø.Ø4	mg/Kg	Ø.Ø4	SW8270C	15 Jan Ø4	JG
Pentachloronitrobenzene	82-68-8	< Ø.Ø9	mg/Kg	Ø.Ø9	SW8270C	15 Jan Ø4	JG
Pentachlorophenol	87-86-5	< Ø.125	mg/Kg	Ø.125	SW8270C	15 Jan Ø4	JG
Phenacetin	62-44-2	< Ø.Ø42	mg/Kg	Ø.Ø42	SW8270C	15 Jan Ø4	JG
Phenanthrene	85-01-8	Ø.262	mg/Kg	Ø.Ø35	SW8270C	15 Jan Ø4	JG
Phenol	108-95-2	< Ø.Ø75	mg/Kg	Ø.Ø75	SW8270C	15 Jan Ø4	JG
2-Picoline	109-06-8	< 1.65	mg/Kg	1.65	SW8270C	15 Jan Ø4	JG
Pronamide	23950-58-5	< Ø.Ø8	mg/Kg	Ø.Ø8	SW8270C	15 Jan Ø4	JG
Pyrene	129-00-0	Ø.141	mg/Kg	Ø.Ø3Ø	SW8270C	15 Jan Ø4	JG

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix
! = Due to saaple quantity
= Due to sample concentration
+ = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not possible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. - New Ulm, MN 56073 - 800-782-3557 - Fax 507-359-2890
1411 S. 12th St. - Bismarck, ND 58502 - 800-279-6885 - Fax 701-258-9724
710 S. 14th St. - Grand Forks, ND 58201 - 800-272-7645 - Fax 701-772-0028
35 W. Lincoln Way - Nevada, IA 50201 - 800-362-0855 - Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-N167
Work Order: 22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: SOIL
Date Sampled: 6 Jan Ø4
Sampled By:
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ7134B/SØ4ØØ71345
Ø4-17M-2ØØ(6-8')

Temperature at Receipt: 2.Ø C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
1,2,4,5-Tetrachlorobenzene	95-94-3	< Ø.Ø45	mg/Kg	Ø.Ø45	SW8270C	15 Jan Ø4	JG
2,3,4,6-Tetrachlorophenol	58-9Ø-2	< Ø.1	mg/Kg	Ø.1	SW8270C	15 Jan Ø4	JG
1,2,4-Trichlorobenzene	12Ø-82-1	< Ø.Ø51	mg/Kg	Ø.Ø51	SW8270C	15 Jan Ø4	JG
2,4,5-Trichlorophenol	95-95-4	< Ø.Ø45	mg/Kg	Ø.Ø45	SW8270C	15 Jan Ø4	JG
2,4,6-Trichlorophenol	88-Ø6-2	< Ø.Ø55	mg/Kg	Ø.Ø55	SW8270C	15 Jan Ø4	JG

NITROBENZENE (SURROGATE) RECOVERY: 62 %
2-FLUOROBIPHENYL (SURROGATE) RECOVERY: 62 %
TERPHENYL-d14 (SURROGATE) RECOVERY: 67 %

2-FLUOROPHENOL (SURROGATE) RECOVERY: 66 %
PHENOL-d5 (SURROGATE) RECOVERY: 67 %
2,4,6-TRIBROMOPHENOL (SURROGATE) RECOVERY: 8Ø %
NP = Not Present PQ = Present, Qualitative Only ND = Not Determined

Approved by:
Dan O'Connell, Organic
Laboratory Manager New Ulm, MN

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix # = Due to sample concentration
! = Due to sample quantity + = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not possible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. - New Ulm, MN 56073 - 800-782-3557 - Fax 507-359-2890
1411 S. 12th St. - Bismarck, ND 58502 - 800-279-6885 - Fax 701-258-9724
710 S. 14th St. - Grand Forks, ND 58201 - 800-272-7645 - Fax 701-772-0028
35 W. Lincoln Way - Nevada, IA 50201 - 800-362-0855 - Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-N168
Work Order #:22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: SOIL
Date Sampled: 5 Jan Ø4
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ7134A
Ø4-2ØM-1ØØ(16-17')

Temperature at Receipt: 2.Ø C

	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
6Ø8/8Ø81/8Ø82 Extraction					14 Jan Ø4	Robert L.
PCB-1Ø16	< 4Ø	ug/Kg	4Ø	SW8Ø82	15 Jan Ø4	Robert L.
PCB-1221	< 4Ø	ug/Kg	4Ø	SW8Ø82	15 Jan Ø4	Robert L.
PCB-1232	< 4Ø	ug/Kg	4Ø	SW8Ø82	15 Jan Ø4	Robert L.
PCB-1242	< 4Ø	ug/Kg	4Ø	SW8Ø82	15 Jan Ø4	Robert L.
PCB-1248	< 4Ø	ug/Kg	4Ø	SW8Ø82	15 Jan Ø4	Robert L.
PCB-1254	< 3Ø	ug/Kg	3Ø	SW8Ø82	15 Jan Ø4	Robert L.
PCB-126Ø	< 2Ø	ug/Kg	2Ø	SW8Ø82	15 Jan Ø4	Robert L.
PCB-1262	< 3Ø	ug/Kg	3Ø	SW8Ø82	15 Jan Ø4	Robert L.
PCB-1268	< 3Ø	ug/Kg	3Ø	SW8Ø82	15 Jan Ø4	Robert L.

2,4,5,6-TETRACHLORO-m-XYLENE (SURROGATE) RECOVERY: 86 %
DECACHLOROBIPHENYL (SURROGATE) RECOVERY: 93 %

Approved by:
Dan O'Connell, Organic
Laboratory Manager New Ulm, MN

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix
! = Due to sample quantity
= Due to sample concentration
+ = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447688Ø ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not posible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. - New Ulm, MN 56073 - 800-782-3557 - Fax 507-359-2890
1411 S. 12th St. - Bismarck, ND 58502 - 800-279-6885 - Fax 701-258-9724
710 S. 14th St. - Grand Forks, ND 58201 - 800-272-7645 - Fax 701-772-0028
35 W. Lincoln Way - Nevada, IA 50201 - 800-362-0855 - Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-N168
Work Order: 22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: SOIL
Date Sampled: 5 Jan Ø4
Sampled By:
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ7134A
Ø4-2ØM-1ØØ(16-17')

Temperature at Receipt: 2.Ø C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
625/8270 SVMS Extraction						13 Jan Ø4	LM
Acenaphthene	83-32-9	< Ø.Ø36	mg/Kg	Ø.Ø36	SW8270C	15 Jan Ø4	JG
Acenaphthylene	208-96-8	< Ø.Ø34	mg/Kg	Ø.Ø34	SW8270C	15 Jan Ø4	JG
Acetophenone	98-86-2	< Ø.Ø41	mg/Kg	Ø.Ø41	SW8270C	15 Jan Ø4	JG
4-Aminobiphenyl	92-67-1	< Ø.85	mg/Kg	Ø.85	SW8270C	15 Jan Ø4	JG
Aniline	62-53-3	< Ø.8	mg/Kg	Ø.8	SW8270C	15 Jan Ø4	JG
Anthracene	120-12-7	< Ø.Ø32	mg/Kg	Ø.Ø32	SW8270C	15 Jan Ø4	JG
Benzidine	92-87-5	< 13	mg/Kg	13	SW8270C	15 Jan Ø4	JG
Benzo(a)anthracene	56-55-3	< Ø.Ø31	mg/Kg	Ø.Ø31	SW8270C	15 Jan Ø4	JG
Benzo(a)pyrene	50-32-8	< Ø.Ø38	mg/Kg	Ø.Ø38	SW8270C	15 Jan Ø4	JG
Benzo(b)fluoranthene	205-99-2	< Ø.Ø35	mg/Kg	Ø.Ø35	SW8270C	15 Jan Ø4	JG
Benzo(ghi)perylene	191-24-2	< Ø.Ø9	mg/Kg	Ø.Ø9	SW8270C	15 Jan Ø4	JG
Benzo(k)fluoranthene	207-08-9	< Ø.Ø31	mg/Kg	Ø.Ø31	SW8270C	15 Jan Ø4	JG
Benzoic Acid	65-85-Ø	< 1Ø	mg/Kg	1Ø	SW8270C	15 Jan Ø4	JG
Benzyl Alcohol	1ØØ-51-6	< Ø.Ø6	mg/Kg	Ø.Ø6	SW8270C	15 Jan Ø4	JG
Benzyl Butyl Phthalate	85-68-7	< Ø.Ø35	mg/Kg	Ø.Ø35	SW8270C	15 Jan Ø4	JG
Bis(2-chloroethoxy)methane	111-91-1	< Ø.Ø85	mg/Kg	Ø.Ø85	SW8270C	15 Jan Ø4	JG
Bis(2-chloroethyl)ether	111-44-4	< Ø.Ø4	mg/Kg	Ø.Ø4	SW8270C	15 Jan Ø4	JG
Bis(2-chloroisopropyl)ether	1Ø8-6Ø-1	< Ø.Ø32	mg/Kg	Ø.Ø32	SW8270C	15 Jan Ø4	JG
Bis(2-ethylhexyl)phthalate	117-81-7	< Ø.Ø9	mg/Kg	Ø.Ø9	SW8270C	15 Jan Ø4	JG
4-Bromophenyl Phenyl Ether	1Ø1-55-3	< Ø.Ø47	mg/Kg	Ø.Ø47	SW8270C	15 Jan Ø4	JG
4-Chloro-3-methyl phenol	59-5Ø-7	< Ø.Ø9	mg/Kg	Ø.Ø9	SW8270C	15 Jan Ø4	JG

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix # = Due to sample concentration
! = Due to sample quantity + = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not possible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. - New Ulm, MN 56073 - 800-782-3557 - Fax 507-359-2890
1411 S. 12th St. - Bismarck, ND 58502 - 800-279-6885 - Fax 701-258-9724
710 S. 14th St. - Grand Forks, ND 58201 - 800-272-7645 - Fax 701-772-0028
35 W. Lincoln Way - Nevada, IA 50201 - 800-362-0855 - Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-N168
Work Order: 22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: SOIL
Date Sampled: 5 Jan Ø4
Sampled By:
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ7134A
Ø4-2ØM-1ØØ(16-17')

Temperature at Receipt: 2.Ø C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
4-Chloroaniline	106-47-8	< 1.5	mg/Kg	1.5	SW8270C	15 Jan Ø4	JG
1-Chloronaphthalene	90-13-1	< Ø.Ø45	mg/Kg	Ø.Ø45	SW8270C	15 Jan Ø4	JG
2-Chloronaphthalene	91-58-7	< Ø.Ø42	mg/Kg	Ø.Ø42	SW8270C	15 Jan Ø4	JG
2-Chlorophenol	95-57-8	< Ø.Ø45	mg/Kg	Ø.Ø45	SW8270C	15 Jan Ø4	JG
4-Chlorophenyl Phenyl Ether	7ØØ5-72-3	< Ø.Ø35	mg/Kg	Ø.Ø35	SW8270C	15 Jan Ø4	JG
Chrysene	218-01-9	< Ø.Ø34	mg/Kg	Ø.Ø34	SW8270C	15 Jan Ø4	JG
Di-n-butyl phthalate	84-74-2	< Ø.Ø8	mg/Kg	Ø.Ø8	SW8270C	15 Jan Ø4	JG
Di-n-octyl phthalate	117-84-Ø	< Ø.Ø35	mg/Kg	Ø.Ø35	SW8270C	15 Jan Ø4	JG
Dibenz (a,j) Acridine	224-42-Ø	< Ø.Ø9	mg/Kg	Ø.Ø9	SW8270C	15 Jan Ø4	JG
Dibenzo(a,h)anthracene	53-7Ø-3	< Ø.Ø9	mg/Kg	Ø.Ø9	SW8270C	15 Jan Ø4	JG
Dibenzofuran	132-64-9	< Ø.Ø35	mg/Kg	Ø.Ø35	SW8270C	15 Jan Ø4	JG
1,2-Dichlorobenzene	95-5Ø-1	< Ø.Ø39	mg/Kg	Ø.Ø39	SW8270C	15 Jan Ø4	JG
1,3-Dichlorobenzene	541-73-1	< Ø.Ø32	mg/Kg	Ø.Ø32	SW8270C	15 Jan Ø4	JG
1,4-Dichlorobenzene	1Ø6-46-7	< Ø.Ø37	mg/Kg	Ø.Ø37	SW8270C	15 Jan Ø4	JG
3,3-Dichlorobenzidine	91-94-1	< 1.26	mg/Kg	1.26	SW8270C	15 Jan Ø4	JG
2,4-Dichlorophenol	12Ø-83-2	< Ø.Ø5	mg/Kg	Ø.Ø5	SW8270C	15 Jan Ø4	JG
2,6-Dichlorophenol	87-65-Ø	< Ø.Ø4	mg/Kg	Ø.Ø4	SW8270C	15 Jan Ø4	JG
Diethyl phthalate	84-66-2	< Ø.Ø4	mg/Kg	Ø.Ø4	SW8270C	15 Jan Ø4	JG
Dimethyl phthalate	131-11-3	< Ø.Ø37	mg/Kg	Ø.Ø37	SW8270C	15 Jan Ø4	JG
p-Dimethylaminazobenzene	6Ø-11-7	< Ø.Ø4	mg/Kg	Ø.Ø4	SW8270C	15 Jan Ø4	JG
7,12-Dimethylbenz (a) Anthracene	57-97-6	< Ø.Ø45	mg/Kg	Ø.Ø45	SW8270C	15 Jan Ø4	JG
a,a-Dimethylphenethylamine	122-Ø9-8	NP	mg/Kg	ND	SW8270C	15 Jan Ø4	JG

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix
! = Due to sample quantity
= Due to sample concentration
+ = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not posible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. - New Ulm, MN 56073 - 800-782-3557 - Fax 507-359-2890
1411 S. 12th St. - Bismarck, ND 58502 - 800-279-6885 - Fax 701-258-9724
710 S. 14th St. - Grand Forks, ND 58201 - 800-272-7645 - Fax 701-772-0028
35 W. Lincoln Way - Nevada, IA 50201 - 800-362-0855 - Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan 04
Lab Number: 04-N168
Work Order: 22-0007
Account #: 022015
Sample Matrix: SOIL
Date Sampled: 5 Jan 04
Sampled By:
Date Received: 9 Jan 04
PO #: 39015

Project Number: 6368
Sample Description: S04007134A
04-20M-100(16-17')

Temperature at Receipt: 2.0 C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
2,4-Dimethylphenol	105-67-9	< 0.042	mg/Kg	0.042	SW8270C	15 Jan 04	JG
2,4-Dinitrophenol	51-28-5	< 6	mg/Kg	6	SW8270C	15 Jan 04	JG
2,4-Dinitrotoluene	121-14-2	< 0.045	mg/Kg	0.045	SW8270C	15 Jan 04	JG
2,6-Dinitrotoluene	606-20-2	< 0.05	mg/Kg	0.05	SW8270C	15 Jan 04	JG
Diphenylamine	122-39-4	< 0.054	mg/Kg	0.054	SW8270C	15 Jan 04	JG
1,2-Diphenylhydrazine	122-66-7	< 0.04	mg/Kg	0.04	SW8270C	15 Jan 04	JG
Ethyl Methanesulfonate	62-50-0	< 0.04	mg/Kg	0.04	SW8270C	15 Jan 04	JG
Fluoranthene	206-44-0	< 0.04	mg/Kg	0.04	SW8270C	15 Jan 04	JG
Fluorene	86-73-7	< 0.036	mg/Kg	0.036	SW8270C	15 Jan 04	JG
Hexachlorobenzene	118-74-1	< 0.04	mg/Kg	0.04	SW8270C	15 Jan 04	JG
Hexachlorobutadiene	87-68-3	< 0.033	mg/Kg	0.033	SW8270C	15 Jan 04	JG
Hexachlorocyclopentadiene	77-47-4	< 6.9	mg/Kg	6.9	SW8270C	15 Jan 04	JG
Hexachloroethane	67-72-1	< 0.05	mg/Kg	0.05	SW8270C	15 Jan 04	JG
Indeno(1,2,3-cd)pyrene	193-39-5	< 0.08	mg/Kg	0.08	SW8270C	15 Jan 04	JG
Isophorone	78-59-1	< 0.8	mg/Kg	0.8	SW8270C	15 Jan 04	JG
Methyl Methanesulfonate	66-27-3	< 2.22	mg/Kg	2.22	SW8270C	15 Jan 04	JG
2-Methyl phenol	95-48-7	< 0.035	mg/Kg	0.035	SW8270C	15 Jan 04	JG
4-Methyl phenol	106-44-5	< 0.041	mg/Kg	0.041	SW8270C	15 Jan 04	JG
2-Methyl-4,6-dinitrophenol	534-52-1	< 0.9	mg/Kg	0.9	SW8270C	15 Jan 04	JG
3-Methylcholanthrene	56-49-5	< 0.045	mg/Kg	0.045	SW8270C	15 Jan 04	JG
2-Methylnaphthalene	91-57-6	< 0.04	mg/Kg	0.04	SW8270C	15 Jan 04	JG
N-Nitroso-di-n-Butylamine	924-16-3	< 0.05	mg/Kg	0.05	SW8270C	15 Jan 04	JG

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix # = Due to sample concentration
! = Due to sample quantity + = Due to extract volume

CERTIFICATION: MN LAB # 027-015-125 WI LAB # 999447680 ND MICRO # 1013-M ND WW/DW # R-040 IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not posible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. - New Ulm, MN 56073 - 800-782-3557 - Fax 507-359-2890
1411 S. 12th St. - Bismarck, ND 58502 - 800-279-6885 - Fax 701-258-9724
710 S. 14th St. - Grand Forks, ND 58201 - 800-272-7645 - Fax 701-772-0028
35 W. Lincoln Way - Nevada, IA 50201 - 800-362-0855 - Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-N168
Work Order: 22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: SOIL
Date Sampled: 5 Jan Ø4
Sampled By:
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ7134A
Ø4-2ØM-1ØØ(16-17')

Temperature at Receipt: 2.Ø C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
N-Nitrosodi-n-propylamine	621-64-7	< Ø.Ø7	mg/Kg	Ø.Ø7	SW8270C	15 Jan Ø4	JG
N-Nitrosodimethylamine	62-75-9	< Ø.Ø9	mg/Kg	Ø.Ø9	SW8270C	15 Jan Ø4	JG
-Nitrosodiphenylamine	86-30-6	< Ø.Ø65	mg/Kg	Ø.Ø65	SW8270C	15 Jan Ø4	JG
-Nitrosopiperidine	100-75-4	< Ø.Ø45	mg/Kg	Ø.Ø45	SW8270C	15 Jan Ø4	JG
Naphthalene	91-20-3	< Ø.Ø33	mg/Kg	Ø.Ø33	SW8270C	15 Jan Ø4	JG
-Naphthylamine	134-32-7	< 6	mg/Kg	6	SW8270C	15 Jan Ø4	JG
-Naphthylamine	91-59-8	< 6	mg/Kg	6	SW8270C	15 Jan Ø4	JG
2-Nitroaniline	88-74-4	< Ø.Ø45	mg/Kg	Ø.Ø45	SW8270C	15 Jan Ø4	JG
3-Nitroaniline	99-09-2	< Ø.Ø73	mg/Kg	Ø.Ø73	SW8270C	15 Jan Ø4	JG
-Nitroaniline	100-01-6	< Ø.2	mg/Kg	Ø.2	SW8270C	15 Jan Ø4	JG
itrobenzene	98-95-3	< Ø.Ø51	mg/Kg	Ø.Ø51	SW8270C	15 Jan Ø4	JG
2-Nitrophenol	88-75-5	< 1	mg/Kg	1	SW8270C	15 Jan Ø4	JG
-Nitrophenol	100-02-7	< Ø.1	mg/Kg	Ø.1	SW8270C	15 Jan Ø4	JG
entachlorobenzene	608-93-5	< Ø.Ø4	mg/Kg	Ø.Ø4	SW8270C	15 Jan Ø4	JG
Pentachloronitrobenzene	82-68-8	< Ø.Ø9	mg/Kg	Ø.Ø9	SW8270C	15 Jan Ø4	JG
entachlorophenol	87-86-5	< Ø.125	mg/Kg	Ø.125	SW8270C	15 Jan Ø4	JG
henacetin	62-44-2	< Ø.Ø42	mg/Kg	Ø.Ø42	SW8270C	15 Jan Ø4	JG
Phenanthrene	85-01-8	< Ø.Ø35	mg/Kg	Ø.Ø35	SW8270C	15 Jan Ø4	JG
Phenol	108-95-2	< Ø.Ø75	mg/Kg	Ø.Ø75	SW8270C	15 Jan Ø4	JG
-Picoline	109-06-8	< 1.65	mg/Kg	1.65	SW8270C	15 Jan Ø4	JG
ronamide	23950-58-5	< Ø.Ø8	mg/Kg	Ø.Ø8	SW8270C	15 Jan Ø4	JG
Pyrene	129-00-0	< Ø.Ø3	mg/Kg	Ø.Ø3	SW8270C	15 Jan Ø4	JG

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix
! = Due to sample quantity
= Due to sample concentration
+ = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not posible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. - New Ulm, MN 56073 - 800-782-3557 - Fax 507-359-2890
1411 S. 12th St. - Bismarck, ND 58502 - 800-279-6885 - Fax 701-258-9724
710 S. 14th St. - Grand Forks, ND 58201 - 800-272-7645 - Fax 701-772-0028
35 W. Lincoln Way - Nevada, IA 50201 - 800-362-0855 - Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-N168
Work Order: 22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: SOIL
Date Sampled: 5 Jan Ø4
Sampled By:
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ7134A
Ø4-2ØM-1ØØ(16-17')

Temperature at Receipt: 2.Ø C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
1,2,4,5-Tetrachlorobenzene	95-94-3	< Ø.Ø45	mg/Kg	Ø.Ø45	SW8270C	15 Jan Ø4	JG
2,3,4,6-Tetrachlorophenol	58-9Ø-2	< Ø.1	mg/Kg	Ø.1	SW8270C	15 Jan Ø4	JG
1,2,4-Trichlorobenzene	12Ø-82-1	< Ø.Ø51	mg/Kg	Ø.Ø51	SW8270C	15 Jan Ø4	JG
2,4,5-Trichlorophenol	95-95-4	< Ø.Ø45	mg/Kg	Ø.Ø45	SW8270C	15 Jan Ø4	JG
2,4,6-Trichlorophenol	88-Ø6-2	< Ø.Ø55	mg/Kg	Ø.Ø55	SW8270C	15 Jan Ø4	JG

NITROBENZENE (SURROGATE) RECOVERY: 58 %
2-FLUOROBIPHENYL (SURROGATE) RECOVERY: 46 %
TERPHENYL-d14 (SURROGATE) RECOVERY: 54 %

2-FLUOROPHENOL (SURROGATE) RECOVERY: 62 %
PHENOL-d5 (SURROGATE) RECOVERY: 64 %
2,4,6-TRIBROMOPHENOL (SURROGATE) RECOVERY: 64 %
NP = Not Present PQ = Present, Qualitative Only ND = Not Determined

Approved by:
Dan O'Connell, Organic
Laboratory Manager New Ulm, MN

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix # = Due to sample concentration
! = Due to sample quantity + = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not possible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. ~ New Ulm, MN 56073 ~ 800-782-3557 ~ Fax 507-359-2890
1411 S. 12th St. ~ Bismarck, ND 58502 ~ 800-279-6885 ~ Fax 701-258-9724
710 S. 14th St. ~ Grand Forks, ND 58201 ~ 800-272-7645 ~ Fax 701-772-0028
35 W. Lincoln Way ~ Nevada, IA 50201 ~ 800-362-0855 ~ Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-N169
Work Order #:22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: SOIL
Date Sampled: 5 Jan Ø4
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ71344
Ø4-19M-1ØØ(8-1Ø')

Temperature at Receipt: 2.Ø C

	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
6Ø8/8Ø81/8Ø82 Extraction					14 Jan Ø4	Robert L.
PCB-1Ø16	< 4Ø	ug/Kg	4Ø	SW8Ø82	15 Jan Ø4	Robert L.
PCB-1221	< 4Ø	ug/Kg	4Ø	SW8Ø82	15 Jan Ø4	Robert L.
PCB-1232	< 4Ø	ug/Kg	4Ø	SW8Ø82	15 Jan Ø4	Robert L.
PCB-1242	< 4Ø	ug/Kg	4Ø	SW8Ø82	15 Jan Ø4	Robert L.
PCB-1248	< 4Ø	ug/Kg	4Ø	SW8Ø82	15 Jan Ø4	Robert L.
PCB-1254	< 3Ø	ug/Kg	3Ø	SW8Ø82	15 Jan Ø4	Robert L.
PCB-126Ø	< 2Ø	ug/Kg	2Ø	SW8Ø82	15 Jan Ø4	Robert L.
PCB-1262	< 3Ø	ug/Kg	3Ø	SW8Ø82	15 Jan Ø4	Robert L.
PCB-1268	< 3Ø	ug/Kg	3Ø	SW8Ø82	15 Jan Ø4	Robert L.

2,4,5,6-TETRACHLORO-m-XYLENE (SURROGATE) RECOVERY: 115 %
DECACHLOROBIPHENYL (SURROGATE) RECOVERY: 84 %

Approved by:
Dan O'Connell, Organic
Laboratory Manager New Ulm, MN

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix # = Due to sample concentration
! = Due to sample quantity + = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not posible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. - New Ulm, MN 56073 - 800-782-3557 - Fax 507-359-2890
1411 S. 12th St. - Bismarck, ND 58502 - 800-279-6885 - Fax 701-258-9724
710 S. 14th St. - Grand Forks, ND 58201 - 800-272-7645 - Fax 701-772-0028
35 W. Lincoln Way - Nevada, IA 50201 - 800-362-0855 - Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-N169
Work Order: 22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: SOIL
Date Sampled: 5 Jan Ø4
Sampled By:
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ71344
Ø4-19M-1ØØ(8-1Ø')

Temperature at Receipt: 2.Ø C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
625/8270 SVMS Extraction						13 Jan Ø4	LM
Acenaphthene	83-32-9	Ø.Ø44	mg/Kg	Ø.Ø36	SW8270C	15 Jan Ø4	JG
Acenaphthylene	208-96-8	< Ø.Ø34	mg/Kg	Ø.Ø34	SW8270C	15 Jan Ø4	JG
Acetophenone	98-86-2	< Ø.Ø41	mg/Kg	Ø.Ø41	SW8270C	15 Jan Ø4	JG
4-Aminobiphenyl	92-67-1	< Ø.85	mg/Kg	Ø.85	SW8270C	15 Jan Ø4	JG
Aniline	62-53-3	< Ø.8	mg/Kg	Ø.8	SW8270C	15 Jan Ø4	JG
Anthracene	120-12-7	< Ø.Ø32	mg/Kg	Ø.Ø32	SW8270C	15 Jan Ø4	JG
Benzidine	92-87-5	< 13	mg/Kg	13	SW8270C	15 Jan Ø4	JG
Benzo(a)anthracene	56-55-3	Ø.Ø56	mg/Kg	Ø.Ø31	SW8270C	15 Jan Ø4	JG
Benzo(a)pyrene	50-32-8	Ø.Ø44	mg/Kg	Ø.Ø38	SW8270C	15 Jan Ø4	JG
Benzo(b)fluoranthene	205-99-2	< Ø.Ø35	mg/Kg	Ø.Ø35	SW8270C	15 Jan Ø4	JG
Benzo(ghi)perylene	191-24-2	< Ø.Ø9	mg/Kg	Ø.Ø9	SW8270C	15 Jan Ø4	JG
Benzo(k)fluoranthene	207-08-9	< Ø.Ø31	mg/Kg	Ø.Ø31	SW8270C	15 Jan Ø4	JG
Benzoic Acid	65-85-Ø	< 1Ø	mg/Kg	1Ø	SW8270C	15 Jan Ø4	JG
Benzyl Alcohol	1ØØ-51-6	< Ø.Ø6	mg/Kg	Ø.Ø6	SW8270C	15 Jan Ø4	JG
Benzyl Butyl Phthalate	85-68-7	< Ø.Ø35	mg/Kg	Ø.Ø35	SW8270C	15 Jan Ø4	JG
Bis(2-chloroethoxy)methane	111-91-1	< Ø.Ø85	mg/Kg	Ø.Ø85	SW8270C	15 Jan Ø4	JG
Bis(2-chloroethyl)ether	111-44-4	< Ø.Ø4	mg/Kg	Ø.Ø4	SW8270C	15 Jan Ø4	JG
Bis(2-chloroisopropyl)ether	1Ø8-6Ø-1	< Ø.Ø32	mg/Kg	Ø.Ø32	SW8270C	15 Jan Ø4	JG
Bis(2-ethylhexyl)phthalate	117-81-7	< Ø.Ø9	mg/Kg	Ø.Ø9	SW8270C	15 Jan Ø4	JG
4-Bromophenyl Phenyl Ether	1Ø1-55-3	< Ø.Ø47	mg/Kg	Ø.Ø47	SW8270C	15 Jan Ø4	JG
4-Chloro-3-methyl phenol	59-5Ø-7	< Ø.Ø9	mg/Kg	Ø.Ø9	SW8270C	15 Jan Ø4	JG

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix # = Due to sample concentration
! = Due to sample quantity + = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not possible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. - New Ulm, MN 56073 - 800-782-3557 - Fax 507-359-2890
1411 S. 12th St. - Bismarck, ND 58502 - 800-279-6885 - Fax 701-258-9724
710 S. 14th St. - Grand Forks, ND 58201 - 800-272-7645 - Fax 701-772-0028
35 W. Lincoln Way - Nevada, IA 50201 - 800-362-0855 - Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-N169
Work Order: 22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: SOIL
Date Sampled: 5 Jan Ø4
Sampled By:
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ71344
Ø4-19M-1ØØ(8-10')

Temperature at Receipt: 2.Ø C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
4-Chloroaniline	106-47-8	< 1.5	mg/Kg	1.5	SW8270C	15 Jan Ø4	JG
1-Chloronaphthalene	90-13-1	< 0.045	mg/Kg	0.045	SW8270C	15 Jan Ø4	JG
2-Chloronaphthalene	91-58-7	0.116	mg/Kg	0.042	SW8270C	15 Jan Ø4	JG
2-Chlorophenol	95-57-8	< 0.045	mg/Kg	0.045	SW8270C	15 Jan Ø4	JG
4-Chlorophenyl Phenyl Ether	7005-72-3	< 0.035	mg/Kg	0.035	SW8270C	15 Jan Ø4	JG
Chrysene	218-01-9	0.074	mg/Kg	0.034	SW8270C	15 Jan Ø4	JG
Di-n-butyl phthalate	84-74-2	< 0.08	mg/Kg	0.08	SW8270C	15 Jan Ø4	JG
Di-n-octyl phthalate	117-84-0	< 0.035	mg/Kg	0.035	SW8270C	15 Jan Ø4	JG
Dibenz (a,j) Acridine	224-42-0	< 0.09	mg/Kg	0.09	SW8270C	15 Jan Ø4	JG
Dibenzo(a,h)anthracene	53-70-3	< 0.09	mg/Kg	0.09	SW8270C	15 Jan Ø4	JG
Dibenzofuran	132-64-9	< 0.035	mg/Kg	0.035	SW8270C	15 Jan Ø4	JG
1,2-Dichlorobenzene	95-50-1	< 0.039	mg/Kg	0.039	SW8270C	15 Jan Ø4	JG
1,3-Dichlorobenzene	541-73-1	< 0.032	mg/Kg	0.032	SW8270C	15 Jan Ø4	JG
1,4-Dichlorobenzene	106-46-7	< 0.037	mg/Kg	0.037	SW8270C	15 Jan Ø4	JG
3,3-Dichlorobenzidine	91-94-1	< 1.26	mg/Kg	1.26	SW8270C	15 Jan Ø4	JG
2,4-Dichlorophenol	120-83-2	< 0.05	mg/Kg	0.05	SW8270C	15 Jan Ø4	JG
2,6-Dichlorophenol	87-65-0	< 0.04	mg/Kg	0.04	SW8270C	15 Jan Ø4	JG
Diethyl phthalate	84-66-2	0.046	mg/Kg	0.040	SW8270C	15 Jan Ø4	JG
Dimethyl phthalate	131-11-3	< 0.037	mg/Kg	0.037	SW8270C	15 Jan Ø4	JG
p-Dimethylaminoazobenzene	60-11-7	< 0.04	mg/Kg	0.04	SW8270C	15 Jan Ø4	JG
7,12-Dimethylbenz (a) Anthracene	57-97-6	< 0.045	mg/Kg	0.045	SW8270C	15 Jan Ø4	JG
a,a-Dimethylphenethylamine	122-09-8	NP	mg/Kg	ND	SW8270C	15 Jan Ø4	JG

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix # = Due to sample concentration
! = Due to sample quantity + = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not possible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. - New Ulm, MN 56073 - 800-782-3557 - Fax 507-359-2890
1411 S. 12th St. - Bismarck, ND 58502 - 800-279-6885 - Fax 701-258-9724
710 S. 14th St. - Grand Forks, ND 58201 - 800-272-7645 - Fax 701-772-0028
35 W. Lincoln Way - Nevada, IA 50201 - 800-362-0855 - Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-N169
Work Order: 22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: SOIL
Date Sampled: 5 Jan Ø4
Sampled By:
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ71344
Ø4-19M-1ØØ(8-1Ø')

Temperature at Receipt: 2.Ø C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
2,4-Dimethylphenol	105-67-9	< Ø.Ø42	mg/Kg	Ø.Ø42	SW8270C	15 Jan Ø4	JG
2,4-Dinitrophenol	51-28-5	< 6	mg/Kg	6	SW8270C	15 Jan Ø4	JG
2,4-Dinitrotoluene	121-14-2	< Ø.Ø45	mg/Kg	Ø.Ø45	SW8270C	15 Jan Ø4	JG
2,6-Dinitrotoluene	606-20-2	< Ø.Ø5	mg/Kg	Ø.Ø5	SW8270C	15 Jan Ø4	JG
Diphenylamine	122-39-4	< Ø.Ø54	mg/Kg	Ø.Ø54	SW8270C	15 Jan Ø4	JG
1,2-Diphenylhydrazine	122-66-7	< Ø.Ø4	mg/Kg	Ø.Ø4	SW8270C	15 Jan Ø4	JG
Ethyl Methanesulfonate	62-50-0	< Ø.Ø4	mg/Kg	Ø.Ø4	SW8270C	15 Jan Ø4	JG
Fluoranthene	206-44-0	Ø.Ø64	mg/Kg	Ø.Ø4Ø	SW8270C	15 Jan Ø4	JG
Fluorene	86-73-7	< Ø.Ø36	mg/Kg	Ø.Ø36	SW8270C	15 Jan Ø4	JG
Hexachlorobenzene	118-74-1	< Ø.Ø4	mg/Kg	Ø.Ø4	SW8270C	15 Jan Ø4	JG
Hexachlorobutadiene	87-68-3	< Ø.Ø33	mg/Kg	Ø.Ø33	SW8270C	15 Jan Ø4	JG
Hexachlorocyclopentadiene	77-47-4	< 6.9	mg/Kg	6.9	SW8270C	15 Jan Ø4	JG
Hexachloroethane	67-72-1	< Ø.Ø5	mg/Kg	Ø.Ø5	SW8270C	15 Jan Ø4	JG
Indeno(1,2,3-cd)pyrene	193-39-5	< Ø.Ø8	mg/Kg	Ø.Ø8	SW8270C	15 Jan Ø4	JG
Isophorone	78-59-1	< Ø.8	mg/Kg	Ø.8	SW8270C	15 Jan Ø4	JG
Methyl Methanesulfonate	66-27-3	< 2.22	mg/Kg	2.22	SW8270C	15 Jan Ø4	JG
2-Methyl phenol	95-48-7	< Ø.Ø35	mg/Kg	Ø.Ø35	SW8270C	15 Jan Ø4	JG
4-Methyl phenol	106-44-5	Ø.223	mg/Kg	Ø.Ø41	SW8270C	15 Jan Ø4	JG
2-Methyl-4,6-dinitrophenol	534-52-1	< Ø.9	mg/Kg	Ø.9	SW8270C	15 Jan Ø4	JG
3-Methylcholanthrene	56-49-5	< Ø.Ø45	mg/Kg	Ø.Ø45	SW8270C	15 Jan Ø4	JG
2-Methylnaphthalene	91-57-6	Ø.Ø48	mg/Kg	Ø.Ø4Ø	SW8270C	15 Jan Ø4	JG
N-Nitroso-di-n-Butylamine	924-16-3	< Ø.Ø5	mg/Kg	Ø.Ø5	SW8270C	15 Jan Ø4	JG

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix # = Due to sample concentration
! = Due to sample quantity + = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not posible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. - New Ulm, MN 56073 - 800-782-3557 - Fax 507-359-2890
1411 S. 12th St. - Bismarck, ND 58502 - 800-279-6885 - Fax 701-258-9724
710 S. 14th St. - Grand Forks, ND 58201 - 800-272-7645 - Fax 701-772-0028
35 W. Lincoln Way - Nevada, IA 50201 - 800-362-0855 - Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-N169
Work Order: 22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: SOIL
Date Sampled: 5 Jan Ø4
Sampled By:
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ71344
Ø4-19M-1ØØ(8-1Ø')

Temperature at Receipt: 2.Ø C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
N-Nitrosodi-n-propylamine	621-64-7	< Ø.Ø7	mg/Kg	Ø.Ø7	SW8270C	15 Jan Ø4	JG
N-Nitrosodimethylamine	62-75-9	< Ø.Ø9	mg/Kg	Ø.Ø9	SW8270C	15 Jan Ø4	JG
N-Nitrosodiphenylamine	86-30-6	< Ø.Ø65	mg/Kg	Ø.Ø65	SW8270C	15 Jan Ø4	JG
N-Nitrosopiperidine	100-75-4	< Ø.Ø45	mg/Kg	Ø.Ø45	SW8270C	15 Jan Ø4	JG
Naphthalene	91-20-3	Ø.124	mg/Kg	Ø.Ø33	SW8270C	15 Jan Ø4	JG
1-Naphthylamine	134-32-7	< 6	mg/Kg	6	SW8270C	15 Jan Ø4	JG
2-Naphthylamine	91-59-8	< 6	mg/Kg	6	SW8270C	15 Jan Ø4	JG
2-Nitroaniline	88-74-4	< Ø.Ø45	mg/Kg	Ø.Ø45	SW8270C	15 Jan Ø4	JG
3-Nitroaniline	99-09-2	< Ø.Ø73	mg/Kg	Ø.Ø73	SW8270C	15 Jan Ø4	JG
4-Nitroaniline	100-01-6	< Ø.2	mg/Kg	Ø.2	SW8270C	15 Jan Ø4	JG
Nitrobenzene	98-95-3	< Ø.Ø51	mg/Kg	Ø.Ø51	SW8270C	15 Jan Ø4	JG
2-Nitrophenol	88-75-5	< 1	mg/Kg	1	SW8270C	15 Jan Ø4	JG
4-Nitrophenol	100-02-7	< Ø.1	mg/Kg	Ø.1	SW8270C	15 Jan Ø4	JG
Pentachlorobenzene	608-93-5	< Ø.Ø4	mg/Kg	Ø.Ø4	SW8270C	15 Jan Ø4	JG
Pentachloronitrobenzene	82-68-8	< Ø.Ø9	mg/Kg	Ø.Ø9	SW8270C	15 Jan Ø4	JG
Pentachlorophenol	87-86-5	< Ø.125	mg/Kg	Ø.125	SW8270C	15 Jan Ø4	JG
Phenacetin	62-44-2	< Ø.Ø42	mg/Kg	Ø.Ø42	SW8270C	15 Jan Ø4	JG
Phenanthrene	85-01-8	Ø.Ø71	mg/Kg	Ø.Ø35	SW8270C	15 Jan Ø4	JG
Phenol	108-95-2	< Ø.Ø75	mg/Kg	Ø.Ø75	SW8270C	15 Jan Ø4	JG
2-Picoline	109-06-8	< 1.65	mg/Kg	1.65	SW8270C	15 Jan Ø4	JG
Pronamide	23950-58-5	< Ø.Ø8	mg/Kg	Ø.Ø8	SW8270C	15 Jan Ø4	JG
Pyrene	129-00-0	Ø.1Ø9	mg/Kg	Ø.Ø3Ø	SW8270C	15 Jan Ø4	JG

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix # = Due to sample concentration
! = Due to sample quantity + = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not posible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. - New Ulm, MN 56073 - 800-782-3557 - Fax 507-359-2890
1411 S. 12th St. - Bismarck, ND 58502 - 800-279-6885 - Fax 701-258-9724
710 S. 14th St. - Grand Forks, ND 58201 - 800-272-7645 - Fax 701-772-0028
35 W. Lincoln Way - Nevada, IA 50201 - 800-362-0855 - Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-N169
Work Order: 22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: SOIL
Date Sampled: 5 Jan Ø4
Sampled By:
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ71344
Ø4-19M-1ØØ(8-1Ø')

Temperature at Receipt: 2.Ø C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
1,2,4,5-Tetrachlorobenzene	95-94-3	< Ø.Ø45	mg/Kg	Ø.Ø45	SW8270C	15 Jan Ø4	JG
2,3,4,6-Tetrachlorophenol	58-90-2	< Ø.1	mg/Kg	Ø.1	SW8270C	15 Jan Ø4	JG
1,2,4-Trichlorobenzene	120-82-1	< Ø.Ø51	mg/Kg	Ø.Ø51	SW8270C	15 Jan Ø4	JG
2,4,5-Trichlorophenol	95-95-4	< Ø.Ø45	mg/Kg	Ø.Ø45	SW8270C	15 Jan Ø4	JG
2,4,6-Trichlorophenol	88-Ø6-2	< Ø.Ø55	mg/Kg	Ø.Ø55	SW8270C	15 Jan Ø4	JG

NITROBENZENE (SURROGATE) RECOVERY: 51 %
2-FLUOROBIPHENYL (SURROGATE) RECOVERY: 51 %
TERPHENYL-d14 (SURROGATE) RECOVERY: 61 %

2-FLUOROPHENOL (SURROGATE) RECOVERY: 62 %
PHENOL-d5 (SURROGATE) RECOVERY: 65 %
2,4,6-TRIBROMOPHENOL (SURROGATE) RECOVERY: 76 %
NP = Not Present PQ = Present, Qualitative Only ND = Not Determined

Approved by:
Dan O'Connell, Organic
Laboratory Manager New Ulm, MN

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix # = Due to sample concentration
! = Due to sample quantity + = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not posible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. ~ New Ulm, MN 56073 ~ 800-782-3557 ~ Fax 507-359-2890
1411 S. 12th St. ~ Bismarck, ND 58502 ~ 800-279-6885 ~ Fax 701-258-9724
710 S. 14th St. ~ Grand Forks, ND 58201 ~ 800-272-7645 ~ Fax 701-772-0028
35 W. Lincoln Way ~ Nevada, IA 50201 ~ 800-362-0855 ~ Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-N17Ø
Work Order #:22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: SOIL
Date Sampled: 5 Jan Ø4
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ71343
Ø4-18M-1ØØ(8-1Ø')

Temperature at Receipt: 2.Ø C

	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
6Ø8/8Ø81/8Ø82 Extraction					14 Jan Ø4	Robert L.
PCB-1Ø16	< 4Ø	ug/Kg	4Ø	SW8Ø82	15 Jan Ø4	Robert L.
PCB-1221	< 4Ø	ug/Kg	4Ø	SW8Ø82	15 Jan Ø4	Robert L.
PCB-1232	< 4Ø	ug/Kg	4Ø	SW8Ø82	15 Jan Ø4	Robert L.
PCB-1242	< 4Ø	ug/Kg	4Ø	SW8Ø82	15 Jan Ø4	Robert L.
PCB-1248	< 4Ø	ug/Kg	4Ø	SW8Ø82	15 Jan Ø4	Robert L.
PCB-1254	< 3Ø	ug/Kg	3Ø	SW8Ø82	15 Jan Ø4	Robert L.
PCB-126Ø	< 2Ø	ug/Kg	2Ø	SW8Ø82	15 Jan Ø4	Robert L.
PCB-1262	< 3Ø	ug/Kg	3Ø	SW8Ø82	15 Jan Ø4	Robert L.
PCB-1268	< 3Ø	ug/Kg	3Ø	SW8Ø82	15 Jan Ø4	Robert L.

2,4,5,6-TETRACHLORO-m-XYLENE (SURROGATE) RECOVERY: 69 %
DECACHLOROBIPHENYL (SURROGATE) RECOVERY: 82 %

Approved by:
Dan O'Connell, Organic
Laboratory Manager New Ulm, MN

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix # = Due to sample concentration
! = Due to sample quantity + = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447688Ø ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not posible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. - New Ulm, MN 56073 - 800-782-3557 - Fax 507-359-2890
1411 S. 12th St. - Bismarck, ND 58502 - 800-279-6885 - Fax 701-258-9724
710 S. 14th St. - Grand Forks, ND 58201 - 800-272-7645 - Fax 701-772-0028
35 W. Lincoln Way - Nevada, IA 50201 - 800-362-0855 - Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-N17Ø
Work Order: 22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: SOIL
Date Sampled: 5 Jan Ø4
Sampled By:
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ71343
Ø4-18M-1ØØ(8-1Ø')

Temperature at Receipt: 2.Ø C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
625/8270 SVMS Extraction						13 Jan Ø4	LM
Acenaphthene	83-32-9	< Ø.Ø36	mg/Kg	Ø.Ø36	SW8270C	15 Jan Ø4	JG
Acenaphthylene	208-96-8	< Ø.Ø34	mg/Kg	Ø.Ø34	SW8270C	15 Jan Ø4	JG
Acetophenone	98-86-2	< Ø.Ø41	mg/Kg	Ø.Ø41	SW8270C	15 Jan Ø4	JG
4-Aminobiphenyl	92-67-1	< Ø.85	mg/Kg	Ø.85	SW8270C	15 Jan Ø4	JG
Aniline	62-53-3	< Ø.8	mg/Kg	Ø.8	SW8270C	15 Jan Ø4	JG
Anthracene	120-12-7	< Ø.Ø32	mg/Kg	Ø.Ø32	SW8270C	15 Jan Ø4	JG
Benzidine	92-87-5	< 13	mg/Kg	13	SW8270C	15 Jan Ø4	JG
Benzo(a)anthracene	56-55-3	Ø.Ø63	mg/Kg	Ø.Ø31	SW8270C	15 Jan Ø4	JG
Benzo(a)pyrene	50-32-8	Ø.Ø51	mg/Kg	Ø.Ø38	SW8270C	15 Jan Ø4	JG
Benzo(b)fluoranthene	205-99-2	Ø.Ø41	mg/Kg	Ø.Ø35	SW8270C	15 Jan Ø4	JG
Benzo(ghi)perylene	191-24-2	< Ø.Ø9	mg/Kg	Ø.Ø9	SW8270C	15 Jan Ø4	JG
Benzo(k)fluoranthene	207-08-9	Ø.Ø47	mg/Kg	Ø.Ø31	SW8270C	15 Jan Ø4	JG
Benzoic Acid	65-85-0	< 1Ø	mg/Kg	1Ø	SW8270C	15 Jan Ø4	JG
Benzyl Alcohol	1ØØ-51-6	< Ø.Ø6	mg/Kg	Ø.Ø6	SW8270C	15 Jan Ø4	JG
Benzyl Butyl Phthalate	85-68-7	< Ø.Ø35	mg/Kg	Ø.Ø35	SW8270C	15 Jan Ø4	JG
Bis(2-chloroethoxy)methane	111-91-1	< Ø.Ø85	mg/Kg	Ø.Ø85	SW8270C	15 Jan Ø4	JG
Bis(2-chloroethyl)ether	111-44-4	< Ø.Ø4	mg/Kg	Ø.Ø4	SW8270C	15 Jan Ø4	JG
Bis(2-chloroisopropyl)ether	1Ø8-6Ø-1	< Ø.Ø32	mg/Kg	Ø.Ø32	SW8270C	15 Jan Ø4	JG
Bis(2-ethylhexyl)phthalate	117-81-7	< Ø.Ø9	mg/Kg	Ø.Ø9	SW8270C	15 Jan Ø4	JG
4-Bromophenyl Phenyl Ether	1Ø1-55-3	< Ø.Ø47	mg/Kg	Ø.Ø47	SW8270C	15 Jan Ø4	JG
4-Chloro-3-methyl phenol	59-5Ø-7	< Ø.Ø9	mg/Kg	Ø.Ø9	SW8270C	15 Jan Ø4	JG

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix # = Due to sample concentration
! = Due to sample quantity + = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not possible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. - New Ulm, MN 56073 - 800-782-3557 - Fax 507-359-2890
1411 S. 12th St. - Bismarck, ND 58502 - 800-279-6885 - Fax 701-258-9724
710 S. 14th St. - Grand Forks, ND 58201 - 800-272-7645 - Fax 701-772-0028
35 W. Lincoln Way - Nevada, IA 50201 - 800-362-0855 - Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-N17Ø
Work Order: 22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: SOIL
Date Sampled: 5 Jan Ø4
Sampled By:
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ71343
Ø4-18M-1ØØ(8-1Ø')

Temperature at Receipt: 2.Ø C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
4-Chloroaniline	106-47-8	< 1.5	mg/Kg	1.5	SW8270C	15 Jan Ø4	JG
1-Chloronaphthalene	90-13-1	< Ø.Ø45	mg/Kg	Ø.Ø45	SW8270C	15 Jan Ø4	JG
2-Chloronaphthalene	91-58-7	< Ø.Ø42	mg/Kg	Ø.Ø42	SW8270C	15 Jan Ø4	JG
2-Chlorophenol	95-57-8	< Ø.Ø45	mg/Kg	Ø.Ø45	SW8270C	15 Jan Ø4	JG
4-Chlorophenyl Phenyl Ether	7ØØ5-72-3	< Ø.Ø35	mg/Kg	Ø.Ø35	SW8270C	15 Jan Ø4	JG
Chrysene	218-01-9	Ø.Ø69	mg/Kg	Ø.Ø34	SW8270C	15 Jan Ø4	JG
Di-n-butyl phthalate	84-74-2	< Ø.Ø8	mg/Kg	Ø.Ø8	SW8270C	15 Jan Ø4	JG
Di-n-octyl phthalate	117-84-Ø	< Ø.Ø35	mg/Kg	Ø.Ø35	SW8270C	15 Jan Ø4	JG
Dibenz (a,j) Acridine	224-42-Ø	< Ø.Ø9	mg/Kg	Ø.Ø9	SW8270C	15 Jan Ø4	JG
Dibenzo(a,h)anthracene	53-7Ø-3	< Ø.Ø9	mg/Kg	Ø.Ø9	SW8270C	15 Jan Ø4	JG
Dibenzofuran	132-64-9	< Ø.Ø35	mg/Kg	Ø.Ø35	SW8270C	15 Jan Ø4	JG
1,2-Dichlorobenzene	95-5Ø-1	< Ø.Ø39	mg/Kg	Ø.Ø39	SW8270C	15 Jan Ø4	JG
1,3-Dichlorobenzene	541-73-1	< Ø.Ø32	mg/Kg	Ø.Ø32	SW8270C	15 Jan Ø4	JG
1,4-Dichlorobenzene	1Ø6-46-7	< Ø.Ø37	mg/Kg	Ø.Ø37	SW8270C	15 Jan Ø4	JG
3,3-Dichlorobenzidine	91-94-1	< 1.26	mg/Kg	1.26	SW8270C	15 Jan Ø4	JG
2,4-Dichlorophenol	12Ø-83-2	< Ø.Ø5	mg/Kg	Ø.Ø5	SW8270C	15 Jan Ø4	JG
2,6-Dichlorophenol	87-65-Ø	< Ø.Ø4	mg/Kg	Ø.Ø4	SW8270C	15 Jan Ø4	JG
Diethyl phthalate	84-66-2	Ø.115	mg/Kg	Ø.Ø4Ø	SW8270C	15 Jan Ø4	JG
Dimethyl phthalate	131-11-3	< Ø.Ø37	mg/Kg	Ø.Ø37	SW8270C	15 Jan Ø4	JG
p-Dimethylaminoazobenzene	6Ø-11-7	< Ø.Ø4	mg/Kg	Ø.Ø4	SW8270C	15 Jan Ø4	JG
7,12-Dimethylbenz (a) Anthracene	57-97-6	< Ø.Ø45	mg/Kg	Ø.Ø45	SW8270C	15 Jan Ø4	JG
a,a-Dimethylphenethylamine	122-Ø9-8	NP	mg/Kg	ND	SW8270C	15 Jan Ø4	JG

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix # = Due to sample concentration
! = Due to sample quantity + = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not possible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. - New Ulm, MN 56073 - 800-782-3557 - Fax 507-359-2890
1411 S. 12th St. - Bismarck, ND 58502 - 800-279-6885 - Fax 701-258-9724
710 S. 14th St. - Grand Forks, ND 58201 - 800-272-7645 - Fax 701-772-0028
35 W. Lincoln Way - Nevada, IA 50201 - 800-362-0855 - Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-N17Ø
Work Order: 22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: SOIL
Date Sampled: 5 Jan Ø4
Sampled By:
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ71343
Ø4-18M-1ØØ(8-1Ø')

Temperature at Receipt: 2.Ø C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
2,4-Dimethylphenol	105-67-9	< Ø.Ø42	mg/Kg	Ø.Ø42	SW8270C	15 Jan Ø4	JG
2,4-Dinitrophenol	51-28-5	< 6	mg/Kg	6	SW8270C	15 Jan Ø4	JG
2,4-Dinitrotoluene	121-14-2	< Ø.Ø45	mg/Kg	Ø.Ø45	SW8270C	15 Jan Ø4	JG
2,6-Dinitrotoluene	606-20-2	< Ø.Ø5	mg/Kg	Ø.Ø5	SW8270C	15 Jan Ø4	JG
Diphenylamine	122-39-4	< Ø.Ø54	mg/Kg	Ø.Ø54	SW8270C	15 Jan Ø4	JG
1,2-Diphenylhydrazine	122-66-7	< Ø.Ø4	mg/Kg	Ø.Ø4	SW8270C	15 Jan Ø4	JG
Ethyl Methanesulfonate	62-50-Ø	< Ø.Ø4	mg/Kg	Ø.Ø4	SW8270C	15 Jan Ø4	JG
Fluoranthene	206-44-Ø	Ø.Ø45	mg/Kg	Ø.Ø4Ø	SW8270C	15 Jan Ø4	JG
Fluorene	86-73-7	< Ø.Ø36	mg/Kg	Ø.Ø36	SW8270C	15 Jan Ø4	JG
Hexachlorobenzene	118-74-1	< Ø.Ø4	mg/Kg	Ø.Ø4	SW8270C	15 Jan Ø4	JG
Hexachlorobutadiene	87-68-3	< Ø.Ø33	mg/Kg	Ø.Ø33	SW8270C	15 Jan Ø4	JG
Hexachlorocyclopentadiene	77-47-4	< 6.9	mg/Kg	6.9	SW8270C	15 Jan Ø4	JG
Hexachloroethane	67-72-1	< Ø.Ø5	mg/Kg	Ø.Ø5	SW8270C	15 Jan Ø4	JG
Indeno(1,2,3-cd)pyrene	193-39-5	< Ø.Ø8	mg/Kg	Ø.Ø8	SW8270C	15 Jan Ø4	JG
Isophorone	78-59-1	< Ø.8	mg/Kg	Ø.8	SW8270C	15 Jan Ø4	JG
Methyl Methanesulfonate	66-27-3	< 2.22	mg/Kg	2.22	SW8270C	15 Jan Ø4	JG
2-Methyl phenol	95-48-7	< Ø.Ø35	mg/Kg	Ø.Ø35	SW8270C	15 Jan Ø4	JG
4-Methyl phenol	106-44-5	Ø.Ø77	mg/Kg	Ø.Ø41	SW8270C	15 Jan Ø4	JG
2-Methyl-4,6-dinitrophenol	534-52-1	< Ø.9	mg/Kg	Ø.9	SW8270C	15 Jan Ø4	JG
3-Methylcholanthrene	56-49-5	< Ø.Ø45	mg/Kg	Ø.Ø45	SW8270C	15 Jan Ø4	JG
2-Methylnaphthalene	91-57-6	< Ø.Ø4	mg/Kg	Ø.Ø4	SW8270C	15 Jan Ø4	JG
N-Nitroso-di-n-Butylamine	924-16-3	< Ø.Ø5	mg/Kg	Ø.Ø5	SW8270C	15 Jan Ø4	JG

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix # = Due to sample concentration
! = Due to sample quantity + = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not possible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. ~ New Ulm, MN 56073 ~ 800-782-3557 ~ Fax 507-359-2890
1411 S. 12th St. ~ Bismarck, ND 58502 ~ 800-279-6885 ~ Fax 701-258-9724
710 S. 14th St. ~ Grand Forks, ND 58201 ~ 800-272-7645 ~ Fax 701-772-0028
35 W. Lincoln Way ~ Nevada, IA 50201 ~ 800-362-0855 ~ Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-N17Ø
Work Order: 22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: SOIL
Date Sampled: 5 Jan Ø4
Sampled By:
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ71343
Ø4-18M-1ØØ(8-1Ø')

Temperature at Receipt: 2.Ø C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
N-Nitrosodi-n-propylamine	621-64-7	< Ø.Ø7	mg/Kg	Ø.Ø7	SW8270C	15 Jan Ø4	JG
N-Nitrosodimethylamine	62-75-9	< Ø.Ø9	mg/Kg	Ø.Ø9	SW8270C	15 Jan Ø4	JG
-Nitrosodiphenylamine	86-30-6	< Ø.Ø65	mg/Kg	Ø.Ø65	SW8270C	15 Jan Ø4	JG
-Nitrosopiperidine	100-75-4	< Ø.Ø45	mg/Kg	Ø.Ø45	SW8270C	15 Jan Ø4	JG
Naphthalene	91-20-3	Ø.Ø49	mg/Kg	Ø.Ø33	SW8270C	15 Jan Ø4	JG
-Naphthylamine	134-32-7	< 6	mg/Kg	6	SW8270C	15 Jan Ø4	JG
-Naphthylamine	91-59-8	< 6	mg/Kg	6	SW8270C	15 Jan Ø4	JG
2-Nitroaniline	88-74-4	< Ø.Ø45	mg/Kg	Ø.Ø45	SW8270C	15 Jan Ø4	JG
3-Nitroaniline	99-09-2	< Ø.Ø73	mg/Kg	Ø.Ø73	SW8270C	15 Jan Ø4	JG
-Nitroaniline	100-01-6	< Ø.2	mg/Kg	Ø.2	SW8270C	15 Jan Ø4	JG
Nitrobenzene	98-95-3	< Ø.Ø51	mg/Kg	Ø.Ø51	SW8270C	15 Jan Ø4	JG
2-Nitrophenol	88-75-5	< 1	mg/Kg	1	SW8270C	15 Jan Ø4	JG
-Nitrophenol	100-02-7	< Ø.1	mg/Kg	Ø.1	SW8270C	15 Jan Ø4	JG
Pentachlorobenzene	608-93-5	< Ø.Ø4	mg/Kg	Ø.Ø4	SW8270C	15 Jan Ø4	JG
Pentachloronitrobenzene	82-68-8	< Ø.Ø9	mg/Kg	Ø.Ø9	SW8270C	15 Jan Ø4	JG
Pentachlorophenol	87-86-5	< Ø.125	mg/Kg	Ø.125	SW8270C	15 Jan Ø4	JG
Phenacetin	62-44-2	< Ø.Ø42	mg/Kg	Ø.Ø42	SW8270C	15 Jan Ø4	JG
Phenanthrene	85-01-8	Ø.Ø41	mg/Kg	Ø.Ø35	SW8270C	15 Jan Ø4	JG
Phenol	108-95-2	< Ø.Ø75	mg/Kg	Ø.Ø75	SW8270C	15 Jan Ø4	JG
2-Picoline	109-06-8	< 1.65	mg/Kg	1.65	SW8270C	15 Jan Ø4	JG
Pronamide	23950-58-5	< Ø.Ø8	mg/Kg	Ø.Ø8	SW8270C	15 Jan Ø4	JG
Pyrene	129-00-0	Ø.Ø73	mg/Kg	Ø.Ø3Ø	SW8270C	15 Jan Ø4	JG

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix # = Due to sample concentration
! = Due to sample quantity + = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not possible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. - New Ulm, MN 56073 - 800-782-3557 - Fax 507-359-2890
1411 S. 12th St. - Bismarck, ND 58502 - 800-279-6885 - Fax 701-258-9724
710 S. 14th St. - Grand Forks, ND 58201 - 800-272-7645 - Fax 701-772-0028
35 W. Lincoln Way - Nevada, IA 50201 - 800-362-0855 - Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-N17Ø
Work Order: 22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: SOIL
Date Sampled: 5 Jan Ø4
Sampled By:
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ71343
Ø4-18M-1ØØ(8-1Ø')

Temperature at Receipt: 2.Ø C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
1,2,4,5-Tetrachlorobenzene	95-94-3	< Ø.Ø45	mg/Kg	Ø.Ø45	SW8270C	15 Jan Ø4	JG
2,3,4,6-Tetrachlorophenol	58-9Ø-2	< Ø.1	mg/Kg	Ø.1	SW8270C	15 Jan Ø4	JG
1,2,4-Trichlorobenzene	12Ø-82-1	< Ø.Ø51	mg/Kg	Ø.Ø51	SW8270C	15 Jan Ø4	JG
2,4,5-Trichlorophenol	95-95-4	< Ø.Ø45	mg/Kg	Ø.Ø45	SW8270C	15 Jan Ø4	JG
2,4,6-Trichlorophenol	88-Ø6-2	< Ø.Ø55	mg/Kg	Ø.Ø55	SW8270C	15 Jan Ø4	JG

NITROBENZENE (SURROGATE) RECOVERY: 58 %
2-FLUOROBIPHENYL (SURROGATE) RECOVERY: 52 %
TERPHENYL-d14 (SURROGATE) RECOVERY: 53 %

2-FLUOROPHENOL (SURROGATE) RECOVERY: 66 %
PHENOL-d5 (SURROGATE) RECOVERY: 69 %
2,4,6-TRIBROMOPHENOL (SURROGATE) RECOVERY: 84 %
NP = Not Present PQ = Present, Qualitative Only ND = Not Determined

Approved by:
Dan O'Connell, Organic
Laboratory Manager New Ulm, MN

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix # = Due to sample concentration
! = Due to sample quantity + = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not possible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. ~ New Ulm, MN 56073 ~ 800-782-3557 ~ Fax 507-359-2890
1411 S. 12th St. ~ Bismarck, ND 58502 ~ 800-279-6885 ~ Fax 701-258-9724
710 S. 14th St. ~ Grand Forks, ND 58201 ~ 800-272-7645 ~ Fax 701-772-0028
35 W. Lincoln Way ~ Nevada, IA 50201 ~ 800-362-0855 ~ Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-N171
Work Order #:22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: SOIL
Date Sampled: 5 Jan Ø4
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ71338
Ø4-17M-1ØØ(6-8)

Temperature at Receipt: 2.Ø C

	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
6Ø8/8Ø81/8Ø82 Extraction					14 Jan Ø4	Robert L.
PCB-1Ø16	< 4Ø	ug/Kg	4Ø	SW8Ø82	15 Jan Ø4	Robert L.
PCB-1221	< 4Ø	ug/Kg	4Ø	SW8Ø82	15 Jan Ø4	Robert L.
PCB-1232	< 4Ø	ug/Kg	4Ø	SW8Ø82	15 Jan Ø4	Robert L.
PCB-1242	< 4Ø	ug/Kg	4Ø	SW8Ø82	15 Jan Ø4	Robert L.
PCB-1248	< 4Ø	ug/Kg	4Ø	SW8Ø82	15 Jan Ø4	Robert L.
PCB-1254	< 3Ø	ug/Kg	3Ø	SW8Ø82	15 Jan Ø4	Robert L.
PCB-126Ø	< 2Ø	ug/Kg	2Ø	SW8Ø82	15 Jan Ø4	Robert L.
PCB-1262	< 3Ø	ug/Kg	3Ø	SW8Ø82	15 Jan Ø4	Robert L.
PCB-1268	< 3Ø	ug/Kg	3Ø	SW8Ø82	15 Jan Ø4	Robert L.

Some of the SW 8Ø82 surrogate spike criteria were not met due to sample matrix.
2,4,5,6-TETRACHLORO-m-XYLENE (SURROGATE) RECOVERY: 81 %
DECACHLOROBIPHENYL (SURROGATE) RECOVERY: 132 %

Approved by:
Dan O'Connell, Organic
Laboratory Manager New Ulm, MN

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix # = Due to sample concentration
! = Due to sample quantity + = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not posible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. - New Ulm, MN 56073 - 800-782-3557 - Fax 507-359-2890
1411 S. 12th St. - Bismarck, ND 58502 - 800-279-6885 - Fax 701-258-9724
710 S. 14th St. - Grand Forks, ND 58201 - 800-272-7645 - Fax 701-772-0028
35 W. Lincoln Way - Nevada, IA 50201 - 800-362-0855 - Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-N171
Work Order: 22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: SOIL
Date Sampled: 5 Jan Ø4
Sampled By:
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ71338
Ø4-17M-1ØØ(6-8)

Temperature at Receipt: 2.Ø C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
625/8270 SVMS Extraction						13 Jan Ø4	LM
Acenaphthene	83-32-9	< Ø.Ø36	mg/Kg	Ø.Ø36	SW8270C	15 Jan Ø4	JG
Acenaphthylene	208-96-8	< Ø.Ø34	mg/Kg	Ø.Ø34	SW8270C	15 Jan Ø4	JG
Acetophenone	98-86-2	Ø.Ø71	mg/Kg	Ø.Ø41	SW8270C	15 Jan Ø4	JG
4-Aminobiphenyl	92-67-1	< Ø.85	mg/Kg	Ø.85	SW8270C	15 Jan Ø4	JG
Aniline	62-53-3	< Ø.8	mg/Kg	Ø.8	SW8270C	15 Jan Ø4	JG
Anthracene	12Ø-12-7	Ø.13Ø	mg/Kg	Ø.Ø32	SW8270C	15 Jan Ø4	JG
Benzidine	92-87-5	< 13	mg/Kg	13	SW8270C	15 Jan Ø4	JG
Benzo(a)anthracene	56-55-3	Ø.838	mg/Kg	Ø.Ø31	SW8270C	15 Jan Ø4	JG
Benzo(a)pyrene	5Ø-32-8	Ø.769	mg/Kg	Ø.Ø38	SW8270C	15 Jan Ø4	JG
Benzo(b)fluoranthene	2Ø5-99-2	Ø.629	mg/Kg	Ø.Ø35	SW8270C	15 Jan Ø4	JG
Benzo(ghi)perylene	191-24-2	Ø.261	mg/Kg	Ø.Ø9Ø	SW8270C	15 Jan Ø4	JG
Benzo(k)fluoranthene	2Ø7-Ø8-9	Ø.764	mg/Kg	Ø.Ø31	SW8270C	15 Jan Ø4	JG
Benzoic Acid	65-85-Ø	< 1Ø	mg/Kg	1Ø	SW8270C	15 Jan Ø4	JG
Benzyl Alcohol	1ØØ-51-6	< Ø.Ø6	mg/Kg	Ø.Ø6	SW8270C	15 Jan Ø4	JG
Benzyl Butyl Phthalate	85-68-7	< Ø.Ø35	mg/Kg	Ø.Ø35	SW8270C	15 Jan Ø4	JG
Bis(2-chloroethoxy)methane	111-91-1	< Ø.Ø85	mg/Kg	Ø.Ø85	SW8270C	15 Jan Ø4	JG
Bis(2-chloroethyl)ether	111-44-4	< Ø.Ø4	mg/Kg	Ø.Ø4	SW8270C	15 Jan Ø4	JG
Bis(2-chloroisopropyl)ether	1Ø8-6Ø-1	< Ø.Ø32	mg/Kg	Ø.Ø32	SW8270C	15 Jan Ø4	JG
Bis(2-ethylhexyl)phthalate	117-81-7	< Ø.Ø9	mg/Kg	Ø.Ø9	SW8270C	15 Jan Ø4	JG
4-Bromophenyl Phenyl Ether	1Ø1-55-3	< Ø.Ø47	mg/Kg	Ø.Ø47	SW8270C	15 Jan Ø4	JG
4-Chloro-3-methyl phenol	59-5Ø-7	< Ø.Ø9	mg/Kg	Ø.Ø9	SW8270C	15 Jan Ø4	JG

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix # = Due to sample concentration
! = Due to sample quantity + = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not posible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. - New Ulm, MN 56073 - 800-782-3557 - Fax 507-359-2890
1411 S. 12th St. - Bismarck, ND 58502 - 800-279-6885 - Fax 701-258-9724
710 S. 14th St. - Grand Forks, ND 58201 - 800-272-7645 - Fax 701-772-0028
35 W. Lincoln Way - Nevada, IA 50201 - 800-362-0855 - Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-N171
Work Order: 22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: SOIL
Date Sampled: 5 Jan Ø4
Sampled By:
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ71338
Ø4-17M-1ØØ(6-8)

Temperature at Receipt: 2.Ø C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
4-Chloroaniline	106-47-8	< 1.5	mg/Kg	1.5	SW8270C	15 Jan Ø4	JG
1-Chloronaphthalene	90-13-1	< Ø.Ø45	mg/Kg	Ø.Ø45	SW8270C	15 Jan Ø4	JG
2-Chloronaphthalene	91-58-7	< Ø.Ø42	mg/Kg	Ø.Ø42	SW8270C	15 Jan Ø4	JG
2-Chlorophenol	95-57-8	< Ø.Ø45	mg/Kg	Ø.Ø45	SW8270C	15 Jan Ø4	JG
4-Chlorophenyl Phenyl Ether	7005-72-3	< Ø.Ø35	mg/Kg	Ø.Ø35	SW8270C	15 Jan Ø4	JG
Chrysene	218-01-9	Ø.8Ø6	mg/Kg	Ø.Ø34	SW8270C	15 Jan Ø4	JG
Di-n-butyl phthalate	84-74-2	< Ø.Ø8	mg/Kg	Ø.Ø8	SW8270C	15 Jan Ø4	JG
Di-n-octyl phthalate	117-84-Ø	< Ø.Ø35	mg/Kg	Ø.Ø35	SW8270C	15 Jan Ø4	JG
Dibenz (a,j) Acridine	224-42-Ø	< Ø.Ø9	mg/Kg	Ø.Ø9	SW8270C	15 Jan Ø4	JG
Dibenzo(a,h)anthracene	53-70-3	< Ø.Ø9	mg/Kg	Ø.Ø9	SW8270C	15 Jan Ø4	JG
Dibenzofuran	132-64-9	Ø.127	mg/Kg	Ø.Ø35	SW8270C	15 Jan Ø4	JG
1,2-Dichlorobenzene	95-50-1	< Ø.Ø39	mg/Kg	Ø.Ø39	SW8270C	15 Jan Ø4	JG
1,3-Dichlorobenzene	541-73-1	< Ø.Ø32	mg/Kg	Ø.Ø32	SW8270C	15 Jan Ø4	JG
1,4-Dichlorobenzene	106-46-7	< Ø.Ø37	mg/Kg	Ø.Ø37	SW8270C	15 Jan Ø4	JG
3,3-Dichlorobenzidine	91-94-1	< 1.26	mg/Kg	1.26	SW8270C	15 Jan Ø4	JG
2,4-Dichlorophenol	120-83-2	< Ø.Ø5	mg/Kg	Ø.Ø5	SW8270C	15 Jan Ø4	JG
2,6-Dichlorophenol	87-65-Ø	< Ø.Ø4	mg/Kg	Ø.Ø4	SW8270C	15 Jan Ø4	JG
Diethyl phthalate	84-66-2	< Ø.Ø4	mg/Kg	Ø.Ø4	SW8270C	15 Jan Ø4	JG
Dimethyl phthalate	131-11-3	< Ø.Ø37	mg/Kg	Ø.Ø37	SW8270C	15 Jan Ø4	JG
p-Dimethylaminazobenzene	60-11-7	< Ø.Ø4	mg/Kg	Ø.Ø4	SW8270C	15 Jan Ø4	JG
7,12-Dimethylbenz (a) Anthracene	57-97-6	< Ø.Ø45	mg/Kg	Ø.Ø45	SW8270C	15 Jan Ø4	JG
a,a-Dimethylphenethylamine	122-09-8	NP	mg/Kg	ND	SW8270C	15 Jan Ø4	JG

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix
! = Due to sample quantity
= Due to sample concentration
+ = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not posible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. - New Ulm, MN 56073 - 800-782-3557 - Fax 507-359-2890
1411 S. 12th St. - Bismarck, ND 58502 - 800-279-6885 - Fax 701-258-9724
710 S. 14th St. - Grand Forks, ND 58201 - 800-272-7645 - Fax 701-772-0028
35 W. Lincoln Way - Nevada, IA 50201 - 800-362-0855 - Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-N171
Work Order: 22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: SOIL
Date Sampled: 5 Jan Ø4
Sampled By:
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ71338
Ø4-17M-1ØØ(6-8)

Temperature at Receipt: 2.Ø C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
2,4-Dimethylphenol	105-67-9	< Ø.Ø42	mg/Kg	Ø.Ø42	SW8270C	15 Jan Ø4	JG
2,4-Dinitrophenol	51-28-5	< 6	mg/Kg	6	SW8270C	15 Jan Ø4	JG
2,4-Dinitrotoluene	121-14-2	< Ø.Ø45	mg/Kg	Ø.Ø45	SW8270C	15 Jan Ø4	JG
2,6-Dinitrotoluene	606-20-2	< Ø.Ø5	mg/Kg	Ø.Ø5	SW8270C	15 Jan Ø4	JG
Diphenylamine	122-39-4	< Ø.Ø54	mg/Kg	Ø.Ø54	SW8270C	15 Jan Ø4	JG
1,2-Diphenylhydrazine	122-66-7	< Ø.Ø4	mg/Kg	Ø.Ø4	SW8270C	15 Jan Ø4	JG
Ethyl Methanesulfonate	62-50-Ø	< Ø.Ø4	mg/Kg	Ø.Ø4	SW8270C	15 Jan Ø4	JG
Fluoranthene	206-44-Ø	1.138	mg/Kg	Ø.Ø4Ø	SW8270C	15 Jan Ø4	JG
Fluorene	86-73-7	Ø.Ø45	mg/Kg	Ø.Ø36	SW8270C	15 Jan Ø4	JG
Hexachlorobenzene	118-74-1	< Ø.Ø4	mg/Kg	Ø.Ø4	SW8270C	15 Jan Ø4	JG
Hexachlorobutadiene	87-68-3	< Ø.Ø33	mg/Kg	Ø.Ø33	SW8270C	15 Jan Ø4	JG
Hexachlorocyclopentadiene	77-47-4	< 6.9	mg/Kg	6.9	SW8270C	15 Jan Ø4	JG
Hexachloroethane	67-72-1	< Ø.Ø5	mg/Kg	Ø.Ø5	SW8270C	15 Jan Ø4	JG
Indeno(1,2,3-cd)pyrene	193-39-5	Ø.33Ø	mg/Kg	Ø.Ø8Ø	SW8270C	15 Jan Ø4	JG
Isophorone	78-59-1	< Ø.8	mg/Kg	Ø.8	SW8270C	15 Jan Ø4	JG
Methyl Methanesulfonate	66-27-3	< 2.22	mg/Kg	2.22	SW8270C	15 Jan Ø4	JG
2-Methyl phenol	95-48-7	< Ø.Ø35	mg/Kg	Ø.Ø35	SW8270C	15 Jan Ø4	JG
4-Methyl phenol	106-44-5	Ø.116	mg/Kg	Ø.Ø41	SW8270C	15 Jan Ø4	JG
2-Methyl-4,6-dinitrophenol	534-52-1	< Ø.9	mg/Kg	Ø.9	SW8270C	15 Jan Ø4	JG
3-Methylcholanthrene	56-49-5	< Ø.Ø45	mg/Kg	Ø.Ø45	SW8270C	15 Jan Ø4	JG
2-Methylnaphthalene	91-57-6	Ø.2Ø9	mg/Kg	Ø.Ø4Ø	SW8270C	15 Jan Ø4	JG
N-Nitroso-di-n-Butylamine	924-16-3	< Ø.Ø5	mg/Kg	Ø.Ø5	SW8270C	15 Jan Ø4	JG

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix # = Due to sample concentration
! = Due to sample quantity + = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not posible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. - New Ulm, MN 56073 - 800-782-3557 - Fax 507-359-2890
1411 S. 12th St. - Bismarck, ND 58502 - 800-279-6885 - Fax 701-258-9724
710 S. 14th St. - Grand Forks, ND 58201 - 800-272-7645 - Fax 701-772-0028
35 W. Lincoln Way - Nevada, IA 50201 - 800-362-0855 - Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-N171
Work Order: 22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: SOIL
Date Sampled: 5 Jan Ø4
Sampled By:
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ71338
Ø4-17M-1ØØ(6-8)

Temperature at Receipt: 2.Ø C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
N-Nitrosodi-n-propylamine	621-64-7	< Ø.Ø7	mg/Kg	Ø.Ø7	SW8270C	15 Jan Ø4	JG
N-Nitrosodimethylamine	62-75-9	< Ø.Ø9	mg/Kg	Ø.Ø9	SW8270C	15 Jan Ø4	JG
N-Nitrosodiphenylamine	86-30-6	< Ø.Ø65	mg/Kg	Ø.Ø65	SW8270C	15 Jan Ø4	JG
N-Nitrosopiperidine	1ØØ-75-4	< Ø.Ø45	mg/Kg	Ø.Ø45	SW8270C	15 Jan Ø4	JG
Naphthalene	91-2Ø-3	Ø.261	mg/Kg	Ø.Ø33	SW8270C	15 Jan Ø4	JG
1-Naphthylamine	134-32-7	< 6	mg/Kg	6	SW8270C	15 Jan Ø4	JG
2-Naphthylamine	91-59-8	< 6	mg/Kg	6	SW8270C	15 Jan Ø4	JG
2-Nitroaniline	88-74-4	< Ø.Ø45	mg/Kg	Ø.Ø45	SW8270C	15 Jan Ø4	JG
3-Nitroaniline	99-Ø9-2	< Ø.Ø73	mg/Kg	Ø.Ø73	SW8270C	15 Jan Ø4	JG
4-Nitroaniline	1ØØ-Ø1-6	< Ø.2	mg/Kg	Ø.2	SW8270C	15 Jan Ø4	JG
Nitrobenzene	98-95-3	< Ø.Ø51	mg/Kg	Ø.Ø51	SW8270C	15 Jan Ø4	JG
2-Nitrophenol	88-75-5	< 1	mg/Kg	1	SW8270C	15 Jan Ø4	JG
4-Nitrophenol	1ØØ-Ø2-7	< Ø.1	mg/Kg	Ø.1	SW8270C	15 Jan Ø4	JG
Pentachlorobenzene	6Ø8-93-5	< Ø.Ø4	mg/Kg	Ø.Ø4	SW8270C	15 Jan Ø4	JG
Pentachloronitrobenzene	82-68-8	< Ø.Ø9	mg/Kg	Ø.Ø9	SW8270C	15 Jan Ø4	JG
Pentachlorophenol	87-86-5	< Ø.125	mg/Kg	Ø.125	SW8270C	15 Jan Ø4	JG
Phenacetin	62-44-2	< Ø.Ø42	mg/Kg	Ø.Ø42	SW8270C	15 Jan Ø4	JG
Phenanthrene	85-Ø1-8	Ø.71Ø	mg/Kg	Ø.Ø35	SW8270C	15 Jan Ø4	JG
Phenol	1Ø8-95-2	< Ø.Ø75	mg/Kg	Ø.Ø75	SW8270C	15 Jan Ø4	JG
2-Picoline	1Ø9-Ø6-8	< 1.65	mg/Kg	1.65	SW8270C	15 Jan Ø4	JG
Pronamide	23950-58-5	< Ø.Ø8	mg/Kg	Ø.Ø8	SW8270C	15 Jan Ø4	JG
Pyrene	129-ØØ-Ø	1.3Ø8	mg/Kg	Ø.Ø3Ø	SW8270C	15 Jan Ø4	JG

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix # = Due to sample concentration
! = Due to sample quantity + = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not posible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER

MINNESOTA VALLEY TESTING LABORATORIES, INC.
1126 N. Front St. - New Ulm, MN 56073 - 800-782-3557 - Fax 507-359-2890
1411 S. 12th St. - Bismarck, ND 58502 - 800-279-6885 - Fax 701-258-9724
710 S. 14th St. - Grand Forks, ND 58201 - 800-272-7645 - Fax 701-772-0028
35 W. Lincoln Way - Nevada, IA 50201 - 800-362-0855 - Fax 515-382-3885
MEMBER ACIL

RENEE STONE
NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 19 Jan Ø4
Lab Number: Ø4-N171
Work Order: 22-ØØØ7
Account #: Ø22Ø15
Sample Matrix: SOIL
Date Sampled: 5 Jan Ø4
Sampled By:
Date Received: 9 Jan Ø4
PO #: 39Ø15

Project Number: 6368
Sample Description: SØ4ØØ71338
Ø4-17M-1ØØ(6-8)

Temperature at Receipt: 2.Ø C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
1,2,4,5-Tetrachlorobenzene	95-94-3	< Ø.Ø45	mg/Kg	Ø.Ø45	SW8270C	15 Jan Ø4	JG
2,3,4,6-Tetrachlorophenol	58-90-2	< Ø.1	mg/Kg	Ø.1	SW8270C	15 Jan Ø4	JG
1,2,4-Trichlorobenzene	12Ø-82-1	< Ø.Ø51	mg/Kg	Ø.Ø51	SW8270C	15 Jan Ø4	JG
2,4,5-Trichlorophenol	95-95-4	< Ø.Ø45	mg/Kg	Ø.Ø45	SW8270C	15 Jan Ø4	JG
2,4,6-Trichlorophenol	88-Ø6-2	< Ø.Ø55	mg/Kg	Ø.Ø55	SW8270C	15 Jan Ø4	JG

NITROBENZENE (SURROGATE) RECOVERY: 51 %
2-FLUOROBIPHENYL (SURROGATE) RECOVERY: 45 %
TERPHENYL-d14 (SURROGATE) RECOVERY: 54 %

2-FLUOROPHENOL (SURROGATE) RECOVERY: 55 %
PHENOL-d5 (SURROGATE) RECOVERY: 59 %
2,4,6-TRIBROMOPHENOL (SURROGATE) RECOVERY: 53 %
NP = Not Present PQ = Present, Qualitative Only ND = Not Determined

Approved by:
Dan O'Connell, Organic
Laboratory Manager New Ulm, MN

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix # = Due to sample concentration
! = Due to sample quantity + = Due to extract volume

CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not possible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.
AN EQUAL OPPORTUNITY EMPLOYER