Soil Test Data

"Solutions for Technical Concerns"

MDH Laboratory # 027-137-157

Sample ID: S033651403	Project #: 6368	Sampler: Client	Type: Grab
Client: Army Corp. Of Engineers		Status: Normal	Matrix: Soil
Study: Consultant		NTS COC No: 38955	
Descript: Van White Blvd		Sampled: 12/29/2003 10:43 AM	
Location: 03-12M-7-8'-100		Completed: 02/13/2004	

Notes:

DRO extraction date: 01/06/04
n- Matrix spike recovery not within control limits 71%

Analyte	Analysis Date	Result	Units	RL	Method
DRO, Soil	1/8/2004	10	mg/Kg	10	WI Method
GRO, Soil	1/5/2004	<5	mg/Kg	5	WI Method
Arsenic, Solid	1/8/2004	24.1	mg/Kg	0.2	7060A
Barium, Solid	1/8/2004	913	mg/Kg	1	6010B
Cadmium, Solid	1/8/2004	<3	mg/Kg	2	7131
Chromium, Solid	1/8/2004	21.2	mg/Kg	1	6010B
Lead, Solid	1/8/2004	2070	mg/Kg	12	7421
Mercury, Solid	1/7/2004	1.3	mg/Kg	0.2	7471
PCB, Solid	1/10/2004	#9999	See Report	0.01	Method 8082
Percent Total Solids	1/6/2004	75	%	0.01	SM 2540G
Selenium, Solid	1/8/2004	n2.3	mg/Kg	0.2	7740
Semi-Volatile Organics Soil	1/14/2004	#9999	See Report	1	SW846 8270
Silver, Solid	1/8/2004	<6	mg/Kg	4	6010B
VOC, Soil	1/9/2004	#9999	See Report	0.5	SW846 8021

Approved By:

Project Manager:

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"Solutions for Technical Concerns"

MDH Laboratory # 027-137-157

Sample ID:	S033651412	Project #:	6368	Sampler: Client	Type: Grab
Client:	Army Corp. Of Engineers			Status: Normal	Matrix: Soil
Study:	Consultant			NTS COC No: 38955	
Descript:	Van White Blvd			Sampled: 12/29/200312:40 PM	
Location:	03-13M-7-8'-100			Completed: 02/13/2004	

Notes:

DRO extraction date: 01/06/04
** Heavy hydrocarbon compounds detected outside the DRO window.*
n- Matrix spike recovery not within control limits 71%

Analyte	Analysis Date	Result	Units	RL	Method
DRO, Soil	1/9/2004	*99	mg/Kg	10	WI Method
GRO, Soil	1/5/2004	<5	mg/Kg	5	WI Method
Arsenic, Solid	1/8/2004	16.9	mg/Kg	0.2	7060A
Barium, Solid	1/8/2004	520	mg/Kg	1	6010B
Cadmium, Solid	1/8/2004	8.1	mg/Kg	2	7131
Chromium, Solid	1/8/2004	191	mg/Kg	1	6010B
Lead, Solid	1/8/2004	531	mg/Kg	12	7421
Mercury, Solid	1/7/2004	2.8	mg/Kg	0.2	7471
PCB, Solid	1/12/2004	#9999	See Report	0.01	Method 8082
Percent Total Solids	1/6/2004	75	%	0.01	SM 2540G
Selenium, Solid	1/8/2004	n1.1	mg/Kg	0.2	7740
Semi-Volatile Organics Soil	1/14/2004	#9999	See Report	1	SW846 8270
Silver, Solid	1/8/2004	8.2	mg/Kg	4	6010B
VOC, Soil	1/9/2004	#9999	See Report	0.5	SW846 8021

Approved By:

Project Manager:

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"Solutions for Technical Concerns"

MDH Laboratory # 027-137-157

Sample ID:	S033651414	Project #:	6368	Sampler: Client	Type: Grab
Client:	Army Corp. Of Engineers			Status: Normal	Matrix: Soil
Study:	Consultant			NTS COC No: 38955	
Descript:	Van White Blvd			Sampled: 12/29/200312:40 PM	
Location:	03-13M-7-8'-200			Completed: 02/13/2004	

Notes:

DRO extraction date: 01/06/04
** Heavy hydrocarbon compounds detected outside the DRO window.*
n- Matrix spike recovery not within control limits 71%

Analyte	Analysis Date	Result	Units	RL	Method
DRO, Soil	1/9/2004	*120	mg/Kg	10	WI Method
GRO, Soil	1/5/2004	<5	mg/Kg	5	WI Method
Arsenic, Solid	1/8/2004	21.4	mg/Kg	0.2	7060A
Barium, Solid	1/8/2004	600	mg/Kg	1	6010B
Cadmium, Solid	1/8/2004	6.9	mg/Kg	2	7131
Chromium, Solid	1/8/2004	459	mg/Kg	1	6010B
Lead, Solid	1/8/2004	688	mg/Kg	12	7421
Mercury, Solid	1/7/2004	4.2	mg/Kg	0.2	7471
PCB, Solid	1/12/2004	#9999	See Report	0.01	Method 8082
Percent Total Solids	1/6/2004	68	%	0.01	SM 2540G
Selenium, Solid	1/8/2004	n 1.5	mg/Kg	0.2	7740
Semi-Volatile Organics Soil	1/14/2004	#9999	See Report	1	SW846 8270
Silver, Solid	1/8/2004	12.1	mg/Kg	4	6010B
VOC, Soil	1/9/2004	#9999	See Report	0.5	SW846 8021

Approved By:

Project Manager:

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"Solutions for Technical Concerns"

MDH Laboratory # 027-137-157

Sample ID: S033651415	Project #: 6368	Sampler: Client	Type: Grab
Client: Army Corp. Of Engineers		Status: Normal	Matrix: Soil
Study: Consultant		NTS COC No: 38955	
Descript: Van White Blvd		Sampled: 12/30/20039:00 AM	
Location: 03-14M-2-4'-100		Completed: 02/13/2004	

Notes:

DRO extraction date: 01/06/04
** Heavy hydrocarbon compounds detected outside the DRO window.*
n- Matrix spike recovery not within control limits 71%

Analyte	Analysis Date	Result	Units	RL	Method
DRO, Soil	1/8/2004	* <10	mg/Kg	10	WI Method
GRO, Soil	1/5/2004	<5	mg/Kg	5	WI Method
Arsenic, Solid	1/8/2004	27.9	mg/Kg	0.2	7060A
Barium, Solid	1/8/2004	449	mg/Kg	1	6010B
Cadmium, Solid	1/8/2004	<3	mg/Kg	2	7131
Chromium, Solid	1/8/2004	11.7	mg/Kg	1	6010B
Lead, Solid	1/8/2004	695	mg/Kg	12	7421
Mercury, Solid	1/7/2004	<0.2	mg/Kg	0.2	7471
PCB, Solid	1/10/2004	#9999	See Report	0.01	Method 8082
Percent Total Solids	1/6/2004	69	%	0.01	SM 2540G
Selenium, Solid	1/8/2004	n 11.5	mg/Kg	0.2	7740
Semi-Volatile Organics Soil	1/14/2004	#9999	See Report	1	SW846 8270
Silver, Solid	1/8/2004	<6	mg/Kg	4	6010B
VOC, Soil	1/9/2004	#9999	See Report	0.5	SW846 8021

Approved By: _____
Project Manager:

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"Solutions for Technical Concerns"

MDH Laboratory # 027-137-157

Sample ID:	S033651416	Project #:	6368	Sampler: Client	Type: Grab
Client:	Army Corp. Of Engineers			Status: Normal	Matrix: Soil
Study:	Consultant			NTS COC No: 38955	
Descript:	Van White Blvd			Sampled: 12/30/20031:40 PM	
Location:	03-16M-8-10'-100			Completed: 02/13/2004	

Notes:

DRO extraction date: 01/06/04
** Heavy hydrocarbon compounds detected outside the DRO window.*
n- Matrix spike recovery not within control limits 71%

Analyte	Analysis Date	Result	Units	RL	Method
DRO, Soil	1/9/2004	*98	mg/Kg	10	WI Method
GRO, Soil	1/5/2004	61	mg/Kg	5	WI Method
Arsenic, Solid	1/8/2004	18	mg/Kg	0.2	7060A
Barium, Solid	1/8/2004	360	mg/Kg	1	6010B
Cadmium, Solid	1/8/2004	<3	mg/Kg	2	7131
Chromium, Solid	1/8/2004	89.3	mg/Kg	1	6010B
Lead, Solid	1/8/2004	535	mg/Kg	12	7421
Mercury, Solid	1/7/2004	3	mg/Kg	0.2	7471
PCB, Solid	1/12/2004	#9999	See Report	0.01	Method 8082
Percent Total Solids	1/6/2004	71	%	0.01	SM 2540G
Selenium, Solid	1/8/2004	n0.9	mg/Kg	0.2	7740
Semi-Volatile Organics Soil	1/14/2004	#9999	See Report	1	SW846 8270
Silver, Solid	1/8/2004	<6	mg/Kg	4	6010B
VOC, Soil	1/9/2004	#9999	See Report	0.5	SW846 8021

Approved By:

Project Manager:

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"Solutions for Technical Concerns"

MDH Laboratory # 027-137-157

Sample ID:	S03365141A	Project #:	6368	Sampler: Client	Type: Grab
Client:	Army Corp. Of Engineers			Status: Normal	Matrix: Soil
Study:	Consultant			NTS COC No: 38955	
Descript:	Van White Blvd			Sampled: 12/30/200311:00 AM	
Location:	03-15M-8-10'-100			Completed: 02/13/2004	

Notes:

DRO extraction date: 01/06/04
** Heavy hydrocarbon compounds detected outside the DRO window.*
n- Matrix spike recovery not within control limits 71%

Analyte	Analysis Date	Result	Units	RL	Method
DRO, Soil	1/9/2004	* 14	mg/Kg	10	WI Method
GRO, Soil	1/5/2004	<5	mg/Kg	5	WI Method
Arsenic, Solid	1/8/2004	22.4	mg/Kg	0.2	7060A
Barium, Solid	1/8/2004	81.7	mg/Kg	1	6010B
Cadmium, Solid	1/8/2004	<3	mg/Kg	2	7131
Chromium, Solid	1/8/2004	16.2	mg/Kg	1	6010B
Lead, Solid	1/8/2004	261	mg/Kg	12	7421
Mercury, Solid	1/7/2004	0.5	mg/Kg	0.2	7471
PCB, Solid	1/10/2004	#9999	See Report	0.01	Method 8082
Percent Total Solids	1/6/2004	66	%	0.01	SM 2540G
Selenium, Solid	1/8/2004	n0.7	mg/Kg	0.2	7740
Semi-Volatile Organics Soil	1/14/2004	#9999	See Report	1	SW846 8270
Silver, Solid	1/8/2004	<6	mg/Kg	4	6010B
VOC, Soil	1/9/2004	#9999	See Report	0.5	SW846 8021

Approved By:

Project Manager:

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"Solutions for Technical Concerns"

MDH Laboratory # 027-137-157

Sample ID:	S033651447	Project #:	6368	Sampler: Client	Type: Grab
Client:	Army Corp. Of Engineers			Status: Normal	Matrix: Liquid
Study:	Consultant			NTS COC No: 38955	
Descript:	Van White Blvd			Sampled: 12/29/200311:30 AM	
Location:	03-12M-100			Completed: 01/19/2004	

Notes:

DRO extraction date: 01/02/04

Analyte	Analysis Date	Result	Units	RL	Method
DRO	1/6/2004	0.1	mg/L	0.1	WI Method
GRO	1/6/2004	<0.1	mg/L	0.1	WI Method
Arsenic, GF	1/7/2004	<2	ug/L	2	EPA 206.2
Barium	1/7/2004	63.8	ug/L	10	EPA 200.7
Cadmium	1/7/2004	<0.2	ug/L	0.2	EPA 213.2
Chromium	1/7/2004	<5	ug/L	1	EPA 200.7
Lead	1/6/2004	<1	ug/L	1	7421
Mercury	1/7/2004	<0.2	ug/L	0.2	EPA 245.1
PCB	1/7/2004	#9999	See Report	0.5	Method 8082
Selenium, GF	1/7/2004	<2	ug/L	2	EPA 270.2
Semi-Volatile Organics	1/7/2004	#9999	See Report	0.1	SW846 8270
Silver	1/7/2004	<1	ug/L	1	6010B
VOC-Water	1/10/2004	#9999	See Report	0.5	SW846 8021

Approved By:

Project Manager:

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"Solutions for Technical Concerns"

MDH Laboratory # 027-137-157

Sample ID: S033651448	Project #: 6368	Sampler: Client	Type: Grab
Client: Army Corp. Of Engineers		Status: Normal	Matrix: Liquid
Study: Consultant		NTS COC No: 38955	
Descript: Van White Blvd		Sampled: 12/29/20031:30 PM	
Location: 03-13M-100		Completed: 02/13/2004	

Notes:

DRO extraction date: 01/02/04

Analyte	Analysis Date	Result	Units	RL	Method
DRO	1/6/2004	0.13	mg/L	0.1	WI Method
GRO	1/5/2004	<0.1	mg/L	0.1	WI Method
Arsenic, GF	1/7/2004	2.3	ug/L	2	EPA 206.2
Barium	1/7/2004	128	ug/L	10	EPA 200.7
Cadmium	1/7/2004	<0.2	ug/L	0.2	EPA 213.2
Chromium	1/7/2004	<5	ug/L	1	EPA 200.7
Lead	1/6/2004	<1	ug/L	1	7421
Mercury	1/7/2004	<0.2	ug/L	0.2	EPA 245.1
PCB	1/7/2004	#9999	See Report	0.5	Method 8082
Selenium, GF	1/7/2004	<2	ug/L	2	EPA 270.2
Semi-Volatile Organics	1/7/2004	#9999	See Report	0.1	SW846 8270
Silver	1/7/2004	<1	ug/L	1	6010B
VOC-Water	1/10/2004	#9999	See Report	0.5	SW846 8021

Approved By:

Project Manager:

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"Solutions for Technical Concerns"

MDH Laboratory # 027-137-157

Sample ID:	S033651449	Project #:	6368	Sampler: Client	Type: Grab
Client:	Army Corp. Of Engineers			Status: Normal	Matrix: Liquid
Study:	Consultant			NTS COC No: 38955	
Descript:	Van White Blvd			Sampled: 12/29/20031:30 PM	
Location:	03-13M-200			Completed: 01/19/2004	

Notes:

DRO extraction date: 01/02/04

Analyte	Analysis Date	Result	Units	RL	Method
DRO	1/6/2004	0.15	mg/L	0.1	WI Method
GRO	1/6/2004	<0.1	mg/L	0.1	WI Method
Arsenic, GF	1/7/2004	<2	ug/L	2	EPA 206.2
Barium	1/7/2004	134	ug/L	10	EPA 200.7
Cadmium	1/7/2004	<0.2	ug/L	0.2	EPA 213.2
Chromium	1/7/2004	<5	ug/L	1	EPA 200.7
Lead	1/6/2004	<1	ug/L	1	7421
Mercury	1/7/2004	<0.2	ug/L	0.2	EPA 245.1
PCB	1/7/2004	#9999	See Report	0.5	Method 8082
Selenium, GF	1/7/2004	<2	ug/L	2	EPA 270.2
Semi-Volatile Organics	1/7/2004	#9999	See Report	0.1	SW846 8270
Silver	1/7/2004	<1	ug/L	1	6010B
VOC-Water	1/10/2004	#9999	See Report	0.5	SW846 8021

Approved By:

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"Solutions for Technical Concerns"

MDH Laboratory # 027-137-157

Sample ID: S03365144A | Project #: 6368

Sampler: Client | Type: Grab

Status: Normal | Matrix: Liquid

Client: Army Corp. Of Engineers

Study: Consultant

Descript: Van White Blvd

Location: 03-14M-100

NTS COC No: 38955

Sampled: 12/30/20039:30 AM

Completed: 01/19/2004

Notes:

DRO extraction date: 01/02/04

Analyte	Analysis Date	Result	Units	RL	Method
DRO	1/6/2004	0.71	mg/L	0.1	WI Method
GRO	1/6/2004	<0.1	mg/L	0.1	WI Method
Arsenic, GF	1/7/2004	<2	ug/L	2	EPA 206.2
Barium	1/7/2004	400	ug/L	10	EPA 200.7
Cadmium	1/7/2004	<0.2	ug/L	0.2	EPA 213.2
Chromium	1/7/2004	<5	ug/L	1	EPA 200.7
Lead	1/6/2004	<1	ug/L	1	7421
Mercury	1/7/2004	<0.2	ug/L	0.2	EPA 245.1
PCB	1/7/2004	#9999	See Report	0.5	Method 8082
Selenium, GF	1/7/2004	<2	ug/L	2	EPA 270.2
Semi-Volatile Organics	1/7/2004	#9999	See Report	0.1	SW846 8270
Silver	1/7/2004	<1	ug/L	1	6010B
VOC-Water	1/10/2004	#9999	See Report	0.5	SW846 8021

Approved By:

Project Manager:

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"Solutions for Technical Concerns"

MDH Laboratory # 027-137-157

Sample ID:	S03365144B	Project #:	6368	Sampler: Client	Type: Grab
Client:	Army Corp. Of Engineers			Status: Normal	Matrix: Liquid
Study:	Consultant			NTS COC No: 38955	
Descript:	Van White Blvd			Sampled: 12/30/200311:30 AM	
Location:	03-15M-100			Completed: 01/19/2004	

Notes:

DRO extraction date: 01/02/04

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

Analyte	Analysis Date	Result	Units	RL	Method
DRO	1/6/2004	*1.3	mg/L	0.1	WI Method
GRO	1/6/2004	<0.1	mg/L	0.1	WI Method
Arsenic, GF	1/7/2004	2	ug/L	2	EPA 206.2
Barium	1/7/2004	360	ug/L	10	EPA 200.7
Cadmium	1/7/2004	<0.2	ug/L	0.2	EPA 213.2
Chromium	1/7/2004	<5	ug/L	1	EPA 200.7
Lead	1/6/2004	<1	ug/L	1	7421
Mercury	1/7/2004	<0.2	ug/L	0.2	EPA 245.1
PCB	1/7/2004	#9999	See Report	0.5	Method 8082
Selenium, GF	1/7/2004	<2	ug/L	2	EPA 270.2
Semi-Volatile Organics	1/7/2004	#9999	See Report	0.1	SW846 8270
Silver	1/7/2004	<1	ug/L	1	6010B
VOC-Water	1/10/2004	#9999	See Report	0.5	SW846 8021

Approved By:

Project Manager:

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"Solutions for Technical Concerns"

MDH Laboratory # 027-137-157

Sample ID: S033651450	Project #: 6368	Sampler: Client	Type: Grab
Client: Army Corp. Of Engineers		Status: Normal	Matrix: Liquid
Study: Consultant		NTS COC No: 38955	
Descript: Van White Blvd		Sampled: 12/30/20032:00 PM	
Location: 03-16M-100		Completed: 01/19/2004	

Notes:

DRO extraction date: 01/02/04

Analyte	Analysis Date	Result	Units	RL	Method
DRO	1/6/2004	0.41	mg/L	0.1	WI Method
GRO	1/6/2004	<0.1	mg/L	0.1	WI Method
Arsenic, GF	1/7/2004	3.8	ug/L	2	EPA 206.2
Barium	1/7/2004	379	ug/L	10	EPA 200.7
Cadmium	1/7/2004	<0.2	ug/L	0.2	EPA 213.2
Chromium	1/7/2004	<5	ug/L	1	EPA 200.7
Lead	1/6/2004	5.6	ug/L	1	7421
Mercury	1/7/2004	<0.2	ug/L	0.2	EPA 245.1
PCB	1/7/2004	#9999	See Report	0.5	Method 8082
Selenium, GF	1/7/2004	<2	ug/L	2	EPA 270.2
Semi-Volatile Organics	1/7/2004	#9999	See Report	0.1	SW846 8270
Silver	1/7/2004	<1	ug/L	1	6010B
VOC-Water	1/10/2004	#9999	See Report	0.5	SW846 8021

Approved By: _____

Project Manager:

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QUALITY ASSURANCE REPORT: VOLATILE ORGANIC COMPOUNDS 8021

Client: U.S. Corps of Engineers
Project: Van White Blvd
COC#: 38955
Collection Date: December 29 and 30, 2004
Analysis Dates: January 9 and 10, 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 spikes were 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 were within the QC criteria.

Precision: Precision is reported as the relative percent difference (RPD) of the Matrix Spike and Matrix Spike Duplicate samples. The samples spiked were 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 03-15M-100 and 03-06M-100 (8-10'). Results confirmed all of the compounds detected by method 8021 to be present in the samples, with the exception of the compounds n-butylbenzene, sec-butylbenzene, and tetrahydrofuran.

Northeast Technical Services, Inc.

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

Analytical Report

Lab Number:	**S033651403**	**Date Collected:**	12/29/2003
Sample Description:	**U.S. Corps of Eng.**	**Date Received:**	12/31/2003
	03-12M-(7-8')-100	**Date VOC Analyzed:**	01/09/2004
	Van White Blvd.	**Date Reported:**	01/12/2004
		Reported By:	CSD
COC #:	**38955**	**VOC QC Pack:**	2-010904-1
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

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Analytical Report

Lab Number:	**S033651403**	**Date Collected:**	12/29/2003
Sample Description:	**U.S. Corps of Eng.**	**Date Received:**	12/31/2003
	03-12M-(7-8')-100	**Date VOC Analyzed:**	01/09/2004
	Van White Blvd.	**Date Reported:**	01/12/2004
		Reported By:	CSD
COC #:	**38955**	**VOC QC Pack:**	2-010904-1
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

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Analytical Report

Lab Number:	**S033651403**	**Date Collected:**	12/29/2003
Sample Description:	**U.S. Corps of Eng.**	**Date Received:**	12/31/2003
	03-12M-(7-8')-100	**Date VOC Analyzed:**	01/09/2004
	Van White Blvd.	**Date Reported:**	01/12/2004
		Reported By:	CSD
COC #:	**38955**	**VOC QC Pack:**	2-010904-1
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	100	50	7.6
1,2,4-Trimethylbenzene	ug/Kg	1.0	72	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	140	50	2.2
Fluorobenzene (Surrogate Recovery)	%		93		
1,4-Dichlorobutane (Surrogate Recovery)	%		86		
Moisture	%		25		

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

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Analytical Report

Lab Number:	S033651447	**Date Collected:**	12/29/2003
Sample Description:	U.S. Corps of Eng.	**Date Received:**	12/31/2003
	03-12M-100	**Date VOC Analyzed:**	01/10/2004
	Van White Blvd.	**Date Reported:**	01/12/2004
		Reported By:	CSD
COC #:	38955	**VOC QC Pack:**	2-010904-2
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	
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	a

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Analytical Report

Lab Number:	**S033651447**	**Date Collected:**	12/29/2003
Sample Description:	**U.S. Corps of Eng.**	**Date Received:**	12/31/2003
	03-12M-100	**Date VOC Analyzed:**	01/10/2004
	Van White Blvd.	**Date Reported:**	01/12/2004
		Reported By:	CSD
COC #:	**38955**	**VOC QC Pack:**	2-010904-2
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

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Analytical Report

Lab Number:	S033651447	**Date Collected:**	12/29/2003
Sample Description:	U.S. Corps of Eng.	**Date Received:**	12/31/2003
	03-12M-100	**Date VOC Analyzed:**	01/10/2004
	Van White Blvd.	**Date Reported:**	01/12/2004
		Reported By:	CSD
COC #:	38955	**VOC QC Pack:**	2-010904-2
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)	%		95		
1,4-Dichlorobutane (Surrogate Recovery)	%		89		

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

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Analytical Report

Lab Number:	**S033651412**	**Date Collected:**	12/29/2003
Sample Description:	**U.S. Corps of Eng.**	**Date Received:**	12/31/2003
	03-13M-(7-8')-100	**Date VOC Analyzed:**	01/09/2004
	Van White Blvd.	**Date Reported:**	01/12/2004
		Reported By:	CSD
COC #:	**38955**	**VOC QC Pack:**	2-010904-1
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

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Analytical Report

Lab Number:	**S033651412**	**Date Collected:**	12/29/2003
Sample Description:	**U.S. Corps of Eng.**	**Date Received:**	12/31/2003
	03-13M-(7-8')-100	**Date VOC Analyzed:**	01/09/2004
	Van White Blvd.	**Date Reported:**	01/12/2004
		Reported By:	CSD
COC #:	**38955**	**VOC QC Pack:**	2-010904-1
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

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Analytical Report

Lab Number:	S033651412	**Date Collected:**	12/29/2003
Sample Description:	**U.S. Corps of Eng.**	**Date Received:**	12/31/2003
	03-13M-(7-8')-100	**Date VOC Analyzed:**	01/09/2004
	Van White Blvd.	**Date Reported:**	01/12/2004
		Reported By:	CSD
COC #:	**38955**	**VOC QC Pack:**	2-010904-1
NTS Project #:	**6368**		
Matrix: Soil		**MDH Laboratory #**	027-137-157

Parameter	Units	DF	Result	RL	MDL	
Naphthalene	ug/Kg	1.0	570	100	37	a
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)	%		94			
1,4-Dichlorobutane (Surrogate Recovery)	%		90			
Moisture	%		25			

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

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

Analytical Report

Lab Number:	**S033651414**	**Date Collected:**	12/29/2003
Sample Description:	**U.S. Corps of Eng.**	**Date Received:**	12/31/2003
	03-13M-(7-8')-200	**Date VOC Analyzed:**	01/09/2004
	Van White Blvd.	**Date Reported:**	01/12/2004
		Reported By:	CSD
COC #:	**38955**	**VOC QC Pack:**	2-010904-1
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:	**S033651414**	**Date Collected:**	12/29/2003
Sample Description:	**U.S. Corps of Eng.**	**Date Received:**	12/31/2003
	03-13M-(7-8')-200	**Date VOC Analyzed:**	01/09/2004
	Van White Blvd.	**Date Reported:**	01/12/2004
		Reported By:	CSD
COC #:	**38955**	**VOC QC Pack:**	2-010904-1
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

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

Analytical Report

Lab Number:	**S033651414**	**Date Collected:**	12/29/2003
Sample Description:	**U.S. Corps of Eng.**	**Date Received:**	12/31/2003
	03-13M-(7-8')-200	**Date VOC Analyzed:**	01/09/2004
	Van White Blvd.	**Date Reported:**	01/12/2004
		Reported By:	CSD
COC #:	**38955**	**VOC QC Pack:**	2-010904-1
NTS Project #:	**6368**		
Matrix: Soil		**MDH Laboratory #**	027-137-157

Parameter	Units	DF	Result	RL	MDL	
Naphthalene	ug/Kg	1.0	260	100	37	a
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)	%		98			
1,4-Dichlorobutane (Surrogate Recovery)	%		95			
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

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

Analytical Report

Lab Number:	**S033651448**	**Date Collected:**	12/29/2003
Sample Description:	**U.S. Corps of Eng.**	**Date Received:**	12/31/2003
	03-13M-100	**Date VOC Analyzed:**	01/10/2004
	Van White Blvd.	**Date Reported:**	01/12/2004
		Reported By:	CSD
COC #:	**38955**	**VOC QC Pack:**	2-010904-2
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	
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	a

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Analytical Report

Lab Number:	**S033651448**	**Date Collected:**	12/29/2003
Sample Description:	**U.S. Corps of Eng.**	**Date Received:**	12/31/2003
	03-13M-100	**Date VOC Analyzed:**	01/10/2004
	Van White Blvd.	**Date Reported:**	01/12/2004
		Reported By:	CSD
COC #:	**38955**	**VOC QC Pack:**	2-010904-2
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

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Analytical Report

Lab Number:	S033651448	**Date Collected:**	12/29/2003
Sample Description:	**U.S. Corps of Eng.**	**Date Received:**	12/31/2003
	03-13M-100	**Date VOC Analyzed:**	01/10/2004
	Van White Blvd.	**Date Reported:**	01/12/2004
		Reported By:	CSD
COC #:	**38955**	**VOC QC Pack:**	2-010904-2
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)	%		94		
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

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Analytical Report

Lab Number:	**S033651449**	**Date Collected:**	12/29/2003
Sample Description:	**U.S. Corps of Eng.**	**Date Received:**	12/31/2003
	03-13M-200	**Date VOC Analyzed:**	01/10/2004
	Van White Blvd.	**Date Reported:**	01/12/2004
		Reported By:	CSD
COC #:	**38955**	**VOC QC Pack:**	2-010904-2
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	
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	a

Northeast Technical Services, Inc.

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

Analytical Report

Lab Number:	**S033651449**	**Date Collected:**	12/29/2003
Sample Description:	**U.S. Corps of Eng.**	**Date Received:**	12/31/2003
	03-13M-200	**Date VOC Analyzed:**	01/10/2004
	Van White Blvd.	**Date Reported:**	01/12/2004
		Reported By:	CSD
COC #:	**38955**	**VOC QC Pack:**	2-010904-2
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

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

Analytical Report

Lab Number:	**S033651449**	**Date Collected:**	12/29/2003
Sample Description:	**U.S. Corps of Eng.**	**Date Received:**	12/31/2003
	03-13M-200	**Date VOC Analyzed:**	01/10/2004
	Van White Blvd.	**Date Reported:**	01/12/2004
		Reported By:	CSD
COC #:	**38955**	**VOC QC Pack:**	2-010904-2
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)	%		94		
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

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Northeast Technical Services, Inc.

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

Analytical Report

Lab Number:	**S033651415**	**Date Collected:**	12/30/2003
Sample Description:	**U.S. Corps of Eng.**	**Date Received:**	12/31/2003
	03-14M-(2-4')-100	**Date VOC Analyzed:**	01/09/2004
	Van White Blvd.	**Date Reported:**	01/12/2004
		Reported By:	CSD
COC #:	**38955**	**VOC QC Pack:**	2-010904-1
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:	**S033651415**	**Date Collected:**	12/30/2003
Sample Description:	**U.S. Corps of Eng.**	**Date Received:**	12/31/2003
	03-14M-(2-4')-100	**Date VOC Analyzed:**	01/09/2004
	Van White Blvd.	**Date Reported:**	01/12/2004
		Reported By:	CSD
COC #:	**38955**	**VOC QC Pack:**	2-010904-1
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:	**S033651415**	**Date Collected:**	12/30/2003
Sample Description:	**U.S. Corps of Eng.**	**Date Received:**	12/31/2003
	03-14M-(2-4')-100	**Date VOC Analyzed:**	01/09/2004
	Van White Blvd.	**Date Reported:**	01/12/2004
		Reported By:	CSD
COC #:	**38955**	**VOC QC Pack:**	2-010904-1
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)	%		96		
1,4-Dichlorobutane (Surrogate Recovery)	%		92		
Moisture	%		31		

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

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Analytical Report

Lab Number:	**S03365144A**	**Date Collected:**	12/30/2003
Sample Description:	**U.S. Corps of Eng.**	**Date Received:**	12/31/2003
	03-14M-100	**Date VOC Analyzed:**	01/10/2004
	Van White Blvd.	**Date Reported:**	01/12/2004
		Reported By:	CSD
COC #:	**38955**	**VOC QC Pack:**	2-010904-2
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	
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	a

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Analytical Report

Lab Number:	**S03365144A**	**Date Collected:**	12/30/2003
Sample Description:	**U.S. Corps of Eng.**	**Date Received:**	12/31/2003
	03-14M-100	**Date VOC Analyzed:**	01/10/2004
	Van White Blvd.	**Date Reported:**	01/12/2004
		Reported By:	CSD
COC #:	**38955**	**VOC QC Pack:**	2-010904-2
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

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Analytical Report

Lab Number:	**S03365144A**	**Date Collected:**	12/30/2003
Sample Description:	**U.S. Corps of Eng.**	**Date Received:**	12/31/2003
	03-14M-100	**Date VOC Analyzed:**	01/10/2004
	Van White Blvd.	**Date Reported:**	01/12/2004
		Reported By:	CSD
COC #:	**38955**	**VOC QC Pack:**	2-010904-2
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)	%		89		
1,4-Dichlorobutane (Surrogate Recovery)	%		90		

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

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Northeast Technical Services, Inc.

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

Analytical Report

Lab Number:	**S03365141A**	**Date Collected:**	12/30/2003
Sample Description:	**U.S. Corps of Eng.**	**Date Received:**	12/31/2003
	03-15M-(8-10')-100	**Date VOC Analyzed:**	01/09/2004
	Van White Blvd.	**Date Reported:**	01/12/2004
		Reported By:	CSD
COC #:	**38955**	**VOC QC Pack:**	2-010904-1
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:	**S03365141A**	**Date Collected:**	12/30/2003
Sample Description:	**U.S. Corps of Eng.**	**Date Received:**	12/31/2003
	03-15M-(8-10')-100	**Date VOC Analyzed:**	01/09/2004
	Van White Blvd.	**Date Reported:**	01/12/2004
		Reported By:	CSD
COC #:	**38955**	**VOC QC Pack:**	2-010904-1
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:	**S03365141A**	**Date Collected:**	12/30/2003
Sample Description:	**U.S. Corps of Eng.**	**Date Received:**	12/31/2003
	03-15M-(8-10')-100	**Date VOC Analyzed:**	01/09/2004
	Van White Blvd.	**Date Reported:**	01/12/2004
		Reported By:	CSD
COC #:	**38955**	**VOC QC Pack:**	2-010904-1
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)	%		92		
Moisture	%		34		

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

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Northeast Technical Services, Inc.

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

Analytical Report

Lab Number:	**S03365144B**	**Date Collected:**	12/30/2003
Sample Description:	**U.S. Corps of Eng.**	**Date Received:**	12/31/2003
	03-15M-100	**Date VOC Analyzed:**	01/10/2004
	Van White Blvd.	**Date Reported:**	01/12/2004
		Reported By:	CSD
COC #:	**38955**	**VOC QC Pack:**	2-010904-2
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	
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	a

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Analytical Report

Lab Number:	S03365144B	**Date Collected:**	12/30/2003
Sample Description:	**U.S. Corps of Eng.**	**Date Received:**	12/31/2003
	03-15M-100	**Date VOC Analyzed:**	01/10/2004
	Van White Blvd.	**Date Reported:**	01/12/2004
		Reported By:	CSD
COC #:	**38955**	**VOC QC Pack:**	2-010904-2
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	3.9	1.0	0.3
n-Propylbenzene	ug/L	1.0	< 1.0	1.0	0.3

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Analytical Report

Lab Number:	**S03365144B**	**Date Collected:**	12/30/2003
Sample Description:	**U.S. Corps of Eng.**	**Date Received:**	12/31/2003
	03-15M-100	**Date VOC Analyzed:**	01/10/2004
	Van White Blvd.	**Date Reported:**	01/12/2004
		Reported By:	CSD
COC #:	**38955**	**VOC QC Pack:**	2-010904-2
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)	%		95		
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

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

Analytical Report

Lab Number:	**S033651416**	**Date Collected:**	12/30/2003
Sample Description:	**U.S. Corps of Eng.**	**Date Received:**	12/31/2003
	03-16M-(8-10')-100	**Date VOC Analyzed:**	01/09/2004
	Van White Blvd.	**Date Reported:**	01/12/2004
		Reported By:	CSD
COC #:	**38955**	**VOC QC Pack:**	2-010904-1
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

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Analytical Report

Lab Number:	S033651416	**Date Collected:**	12/30/2003
Sample Description:	U.S. Corps of Eng.	**Date Received:**	12/31/2003
	03-16M-(8-10')-100	**Date VOC Analyzed:**	01/09/2004
	Van White Blvd.	**Date Reported:**	01/12/2004
		Reported By:	CSD
COC #:	38955	**VOC QC Pack:**	2-010904-1
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	630	50	6.8
n-Butylbenzene	ug/Kg	1.0	450	50	8.3
sec-Butylbenzene	ug/Kg	1.0	92	50	2.9
tert-Butylbenzene	ug/Kg	1.0	< 50	50	4.8
Isopropylbenzene (Cumene)	ug/Kg	1.0	150	50	3.1
Ethyl Benzene	ug/Kg	1.0	1100	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	590	50	3.0

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Analytical Report

Lab Number:	**S033651416**	**Date Collected:**	12/30/2003
Sample Description:	**U.S. Corps of Eng.**	**Date Received:**	12/31/2003
	03-16M-(8-10')-100	**Date VOC Analyzed:**	01/09/2004
	Van White Blvd.	**Date Reported:**	01/12/2004
		Reported By:	CSD
COC #:	**38955**	**VOC QC Pack:**	2-010904-1
NTS Project #:	**6368**		
Matrix: Soil		**MDH Laboratory #**	027-137-157

Parameter	Units	DF	Result	RL	MDL	
Naphthalene	ug/Kg	1.0	3100	100	37	a
Styrene	ug/Kg	1.0	< 150	150	20	
Tetrahydrofuran	ug/Kg	1.0	150	50	37	
Toluene	ug/Kg	1.0	1200	50	7.6	
1,2,4-Trimethylbenzene	ug/Kg	1.0	1100	50	5.8	
1,3,5-Trimethylbenzene	ug/Kg	1.0	350	50	17	
m-Xylene & p-Xylene	ug/Kg	1.0	3000	100	7.4	
o-Xylene	ug/Kg	1.0	670	50	2.2	
Fluorobenzene (Surrogate Recovery)	%		102			
1,4-Dichlorobutane (Surrogate Recovery)	%		94			
Moisture	%		29			

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

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Analytical Report

Lab Number:	**S033651450**	**Date Collected:**	12/30/2003
Sample Description:	**U.S. Corps of Eng.**	**Date Received:**	12/31/2003
	03-16M-100	**Date VOC Analyzed:**	01/10/2004
	Van White Blvd.	**Date Reported:**	01/12/2004
		Reported By:	CSD
COC #:	**38955**	**VOC QC Pack:**	2-010904-2
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	
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	a

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Analytical Report

Lab Number:	S033651450	**Date Collected:**	12/30/2003
Sample Description:	**U.S. Corps of Eng.**	**Date Received:**	12/31/2003
	03-16M-100	**Date VOC Analyzed:**	01/10/2004
	Van White Blvd.	**Date Reported:**	01/12/2004
		Reported By:	CSD
COC #:	**38955**	**VOC QC Pack:**	2-010904-2
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:	**S033651450**	**Date Collected:**	12/30/2003
Sample Description:	**U.S. Corps of Eng.**	**Date Received:**	12/31/2003
	03-16M-100	**Date VOC Analyzed:**	01/10/2004
	Van White Blvd.	**Date Reported:**	01/12/2004
		Reported By:	CSD
COC #:	**38955**	**VOC QC Pack:**	2-010904-2
NTS Project #:	**6368**		
Matrix: Water		**MDH Laboratory #**	027-137-157
		Sample pH:	< 2

Parameter	Units	DF	Result	RL	MDL	
Naphthalene	ug/L	1.0	2.6	2.0	1.0	a
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)	%		92			
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.

QUALITY ASSURANCE REPORT: VOLATILE ORGANIC COMPOUNDS

Date: 01/09/04
QC Pack: 2-010904-1

Sample I.D.:
S03365141A

	DF	Sample Conc ug/L		CCV 1 % Rec	CCV 2 % Rec	Matrix Spike %	Matrix Spike Duplicate (%)	RPD %
Allyl Chloride	1.0	<	150	114	109	111	113	2.4
Bromobenzene	1.0	<	50	100	98	99	101	2.6
Bromochloromethane	1.0	<	50	119	123	118	116	1.3
Bromodichloromethane	1.0	<	50	115	111	114	117	2.5
Bromoform	1.0	<	50	117	109	111	115	3.7
Bromomethane	1.0	<	60	108	108	108	114	5.5
Carbon Tetrachloride	1.0	<	50	116	112	113	117	2.8
Chlorobenzene	1.0	<	50	100	98	99	101	2.3
Chloroethane	1.0	<	150	106	106	107	116	8.6
Chloroform	1.0	<	50	118	122	114	116	1.8
Chloromethane	1.0	<	200	115	110	118	121	2.8
2-Chlorotoluene	1.0	<	50	100	97	99	101	2.0
4-Chlorotoluene	1.0	<	50	117	110	116	115	0.6
Dibromochloromethane	1.0	<	50	119	113	118	118	0.5
1,2-Dibromo-3-chloropropane	1.0	<	100	100	103	109	110	1.0
1,2-Dibromoethane	1.0	<	50	108	112	118	117	0.8
Dibromomethane	1.0	<	50	112	112	115	118	2.4
1,2-Dichlorobenzene	1.0	<	50	100	97	98	100	2.6
1,3-Dichlorobenzene	1.0	<	50	100	99	99	101	1.9
1,4-Dichlorobenzene	1.0	<	50	100	100	100	102	1.6
Dichlorodifluoromethane	1.0	<	100	124	118	127	132	3.9
1,1-Dichloroethane	1.0	<	60	115	113	119	118	0.8
1,2-Dichloroethane	1.0	<	50	114	109	115	119	3.2
1,1-Dichloroethylene	1.0	<	150	101	99	100	103	3.1
Cis-1,2-Dichloroethylene	1.0	<	50	102	99	101	103	2.4
Trans-1,2-Dichloroethylene	1.0	<	100	101	98	99	101	2.4
Dichlorofluoromethane	1.0	<	100	116	106	109	112	2.4
1,2-Dichloropropane	1.0	<	50	115	109	113	114	0.9
1,3-Dichloropropane	1.0	<	50	115	109	113	113	0.2
2,2-Dichloropropane	1.0	<	60	121	102	101	106	4.6
1,1-Dichloropropene	1.0	<	50	102	97	99	100	1.6
Cis-1,3-Dichloropropene	1.0	<	50	101	98	99	100	1.2
Trans-1,3-Dichloropropene	1.0	<	50	101	96	96	100	3.9
Hexachlorobutadiene	1.0	<	60	101	98	93	98	4.8
Methylene Chloride	1.0	<	100	114	111	113	117	3.2
1,1,1,2-Tetrachloroethane	1.0	<	50	119	112	115	118	2.7
1,1,2,2-Tetrachloroethane	1.0	<	100	123	105	109	109	0.8
Tetrachloroethylene	1.0	<	50	100	98	98	100	1.7
1,2,3-Trichlorobenzene	1.0	<	60	97	99	98	102	3.4
1,2,4-Trichlorobenzene	1.0	<	50	98	99	98	100	2.8

QUALITY ASSURANCE REPORT: VOLATILE ORGANIC COMPOUNDS

Date: 01/09/04

Sample I.D.:
S03365141A

QC Pack: 2-010904-I

	DF	Sample Conc ug/L		CCV 1 % Rec	CCV 2 % Rec	Matrix Spike %	Matrix Spike Duplicate (%)	RPD %
1,1,1-Trichloroethane	1.0	<	60	115	114	113	115	2.1
1,1,2-Trichloroethane	1.0	<	50	116	111	113	114	0.5
Trichloroethylene	1.0	<	50	99	101	103	107	3.3
Trichlorofluoromethane	1.0	<	150	119	112	113	118	4.5
1,2,3-Trichloropropane	1.0	<	50	118	108	113	114	0.7
1,1,2-Trichlorotrifluoroethane	1.0	<	150	118	111	115	118	2.5
Vinyl Chloride	1.0	<	100	115	112	117	121	3.2
Acetone	1.0	<	1500	124	116	82	90	5.6
Benzene	1.0	<	50	101	98	100	102	2.1
n-Butylbenzene	1.0	<	50	100	96	96	98	2.3
sec-Butylbenzene	1.0	<	50	101	97	99	101	2.1
tert-Butylbenzene	1.0	<	50	101	98	99	102	2.8
Isopropylbenzene (Cumene)	1.0	<	50	101	97	98	101	2.7
Ethyl Benzene	1.0	<	50	100	98	99	101	2.3
Ethyl Ether	1.0	<	100	100	99	98	101	2.6
p-Isopropyltoluene	1.0	<	50	100	101	100	101	1.1
Methyl Ethyl Ketone	1.0	<	800	140	123	84	88	2.7
Methyl Isobutyl Ketone	1.0	<	200	106	104	110	114	3.7
Methyl tert-butyl ether	1.0	<	50	101	99	98	101	2.7
n-Propylbenzene	1.0	<	50	100	97	98	100	2.5
Naphthalene	1.0	<	100	96	120	105	104	0.3
Styrene	1.0	<	150	100	99	99	101	2.5
Tetrahydrofuran	1.0	<	50	114	98	114	115	0.9
Toluene	1.0	<	50	100	98	102	105	2.6
1,2,4-Trimethylbenzene	1.0	<	50	100	98	99	101	2.0
1,3,5-Trimethylbenzene	1.0	<	50	101	97	98	101	2.6
m-Xylene & p-Xylene	1.0	<	100	101	98	99	102	2.3
o-Xylene	1.0	<	50	101	101	101	102	1.2

QUALITY ASSURANCE REPORT: VOLATILE ORGANIC COMPOUNDS

Date: 01/09/04

Sample I.D.:
S033651450

QC Pack: 2-010904-2

	DF	Sample Conc ug/L		CCV 2 % Rec	CCV 3 % Rec	Matrix Spike %	Matrix Spike Duplicate (%)	RPD %
Allyl Chloride	1.0	<	1.0	109	104	102	108	6.0
Bromobenzene	1.0	<	1.0	98	96	93	93	0.7
Bromochloromethane	1.0	<	1.0	123	120	122	127	4.4
Bromodichloromethane	1.0	<	1.0	111	114	124	117	6.0
Bromoform	1.0	<	1.0	109	116	119	118	0.7
Bromomethane	1.0	<	4.0	108	106	97	109	11.7
Carbon Tetrachloride	1.0	<	1.0	112	115	114	121	6.0
Chlorobenzene	1.0	<	1.0	98	97	93	93	0.7
Chloroethane	1.0	<	2.0	106	107	111	119	6.7
Chloroform	1.0	<	1.0	122	115	117	123	5.3
Chloromethane	1.0	<	4.0	110	109	97	100	2.8
2-Chlorotoluene	1.0	<	1.0	97	97	91	91	0.2
4-Chlorotoluene	1.0	<	1.0	110	114	107	107	0.6
Dibromochloromethane	1.0	<	1.0	113	124	120	119	0.9
1,2-Dibromo-3-chloropropane	1.0	<	2.0	103	112	122	119	2.1
1,2-Dibromoethane	1.0	<	1.0	112	135	121	119	1.5
Dibromomethane	1.0	<	1.0	112	114	122	117	4.0
1,2-Dichlorobenzene	1.0	<	1.0	97	96	90	90	0.3
1,3-Dichlorobenzene	1.0	<	1.0	99	94	86	86	0.3
1,4-Dichlorobenzene	1.0	<	1.0	100	95	87	87	0.3
Dichlorodifluoromethane	1.0	<	2.0	118	104	106	110	3.7
1,1-Dichloroethane	1.0	<	1.0	113	113	119	124	3.5
1,2-Dichloroethane	1.0	<	1.0	109	116	119	125	5.5
1,1-Dichloroethylene	1.0	<	1.0	99	97	96	96	0.3
Cis-1,2-Dichloroethylene	1.0	<	1.0	99	97	97	96	0.7
Trans-1,2-Dichloroethylene	1.0	<	1.0	98	97	94	94	0.3
Dichlorofluoromethane	1.0	<	2.0	106	111	113	131	14.8
1,2-Dichloropropane	1.0	<	1.0	109	114	125	115	8.2
1,3-Dichloropropane	1.0	<	1.0	109	114	116	115	0.7
2,2-Dichloropropane	1.0	<	1.0	102	82	82	81	1.4
1,1-Dichloropropene	1.0	<	1.0	97	96	92	92	0.4
Cis-1,3-Dichloropropene	1.0	<	1.0	98	90	92	89	2.6
Trans-1,3-Dichloropropene	1.0	<	1.0	96	89	91	89	2.1
Hexachlorobutadiene	1.0	<	1.0	98	89	68	70	2.9
Methylene Chloride	1.0	<	2.0	111	113	116	120	3.2
1,1,1,2-Tetrachloroethane	1.0	<	1.0	112	126	117	117	0.8
1,1,2,2-Tetrachloroethane	1.0	<	1.0	105	102	123	124	0.2
Tetrachloroethylene	1.0	<	1.0	98	95	94	93	0.9
1,2,3-Trichlorobenzene	1.0	<	2.0	99	89	85	87	2.5
1,2,4-Trichlorobenzene	1.0	<	2.0	99	90	79	81	1.9

QUALITY ASSURANCE REPORT: VOLATILE ORGANIC COMPOUNDS

Sample I.D.:
S033651450

Date: 01/09/04
QC Pack: 2-010904-2

	DF	Sample Conc ug/L		CCV 2 % Rec	CCV 3 % Rec	Matrix Spike %	Matrix Spike Duplicate (%)	RPD %
1,1,1-Trichloroethane	1.0	<	1.0	114	115	115	123	6.8
1,1,2-Trichloroethane	1.0	<	1.0	111	115	118	117	0.7
Trichloroethylene	1.0	<	1.0	101	105	92	91	0.8
Trichlorofluoromethane	1.0	<	2.0	112	118	117	132	12.0
1,2,3-Trichloropropane	1.0	<	1.0	108	115	121	121	0.4
1,1,2-Trichlorotrifluoroethane	1.0	<	1.0	111	112	114	121	6.7
Vinyl Chloride	1.0	<	1.0	112	115	122	120	1.0
Acetone	1.0	<	30	116	126	117	116	0.7
Benzene	1.0	<	1.0	98	97	100	100	0.6
n-Butylbenzene	1.0	<	1.0	96	91	79	80	0.6
sec-Butylbenzene	1.0	<	1.0	97	94	88	88	0.7
tert-Butylbenzene	1.0	<	1.0	98	96	93	92	0.8
Isopropylbenzene (Cumene)	1.0	<	1.0	97	95	95	93	1.5
Ethyl Benzene	1.0	<	1.0	98	96	96	96	0.3
Ethyl Ether	1.0	<	1.0	99	98	101	101	0.0
p-Isopropyltoluene	1.0	<	1.0	101	94	88	88	0.2
Methyl Ethyl Ketone	1.0	<	10	123	124	100	99	0.4
Methyl Isobutyl Ketone	1.0	<	10	104	102	109	106	2.0
Methyl tert-butyl ether	1.0	<	1.0	99	98	103	102	0.5
n-Propylbenzene	1.0	<	1.0	97	95	89	89	0.1
Naphthalene	1.0		2.6	120	89	103	108	3.8
Styrene	1.0	<	2.0	99	97	86	86	0.4
Tetrahydrofuran	1.0	<	2.0	98	88	94	90	4.6
Toluene	1.0	<	1.0	98	96	100	99	1.8
1,2,4-Trimethylbenzene	1.0	<	1.0	98	95	94	93	0.8
1,3,5-Trimethylbenzene	1.0	<	1.0	97	95	93	93	0.2
m-Xylene & p-Xylene	1.0	<	2.0	98	96	96	95	0.9
o-Xylene	1.0	<	1.0	101	96	100	99	0.6

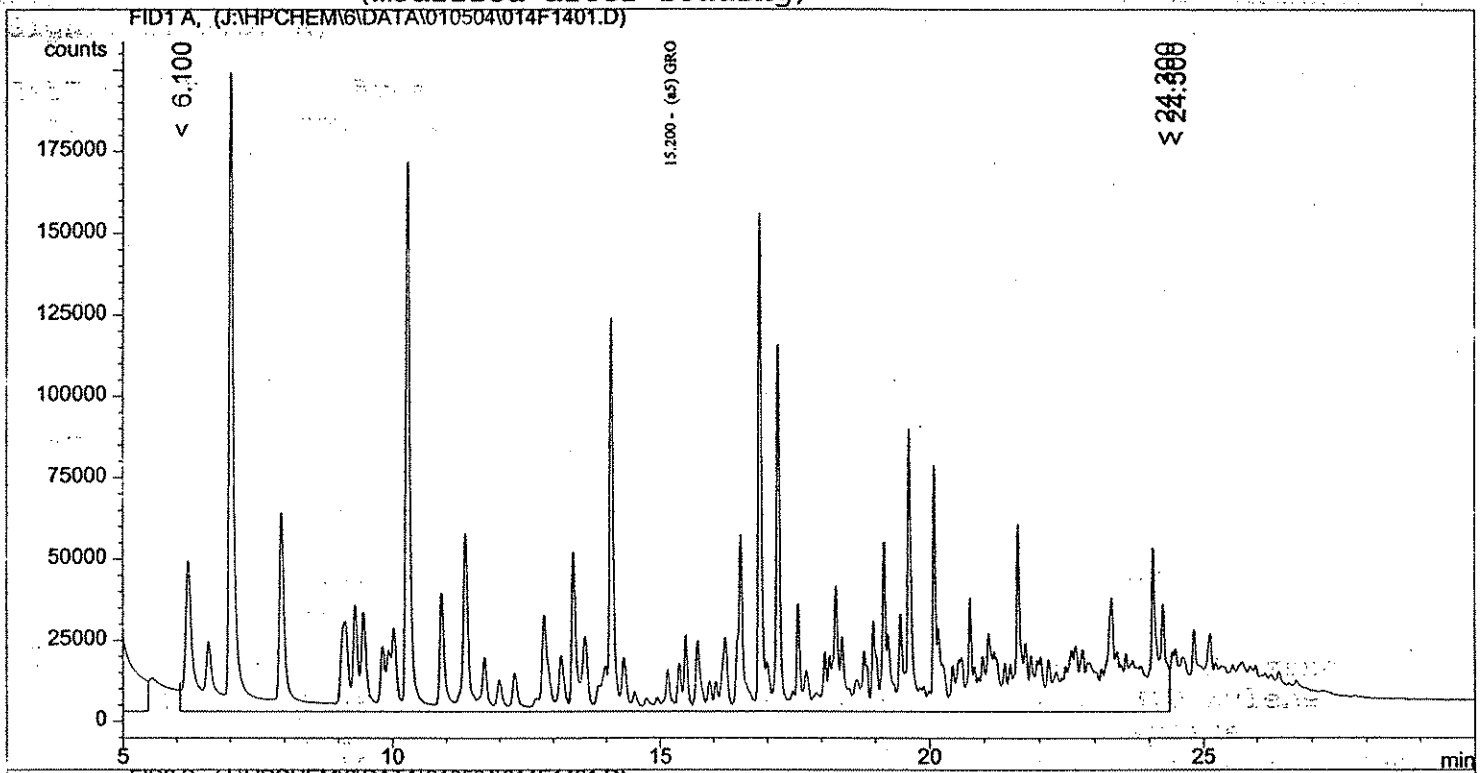
Northeast Technical Services, Inc.
Data Qualifier List

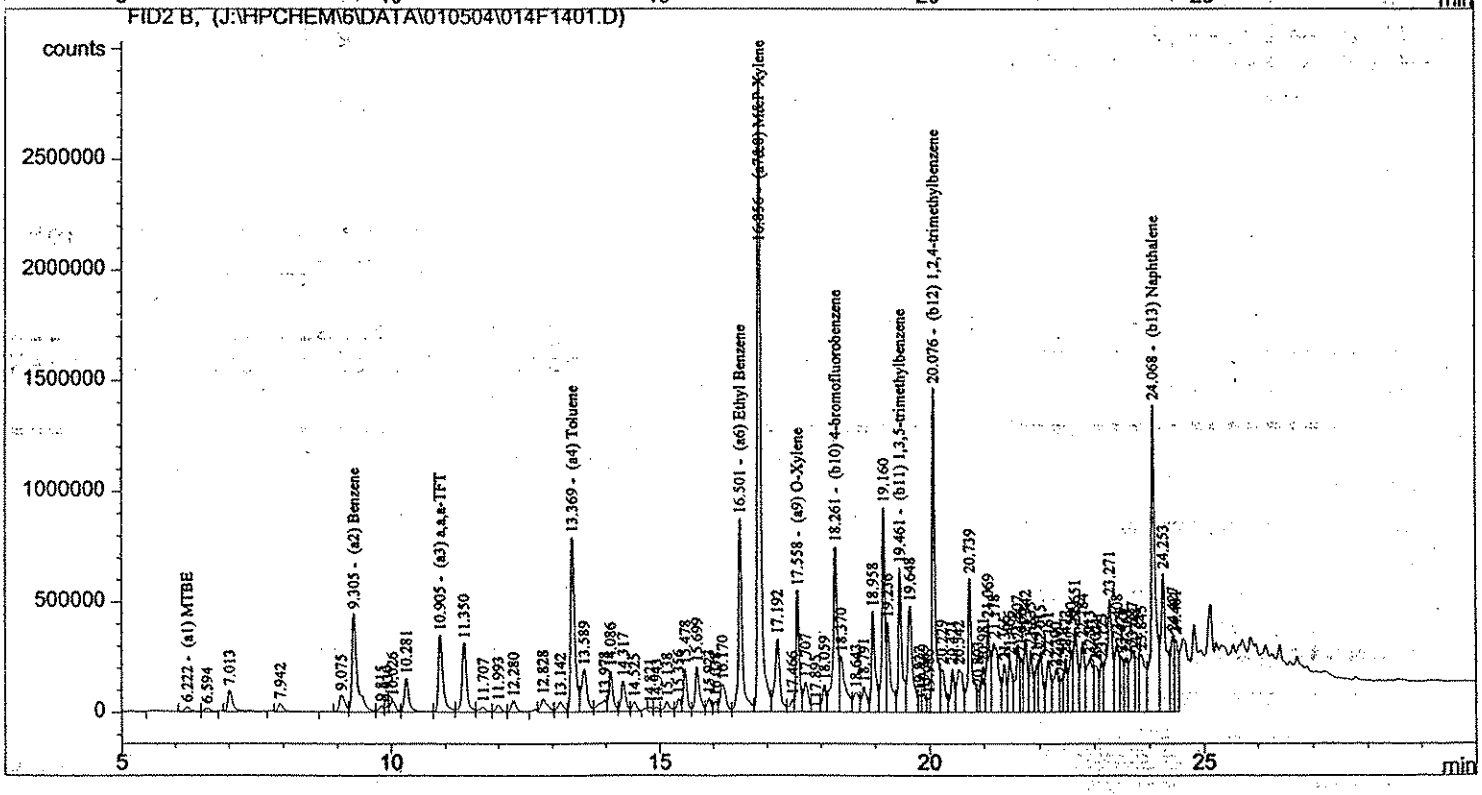
b	Analyte detected in the method blank.
c	Elevated Reporting Limit.
d	Analyte value from diluted sample.
f	Surrogate results not within control limits.
h	Extraction or Analysis performed past hold time.
j	Estimated value. The analyte has been detected above the detection limit and below the reporting 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.

Data File J:\HPCHEM\6\DATA\010504\014F1401.D Sample Name: 033651416 u.s.

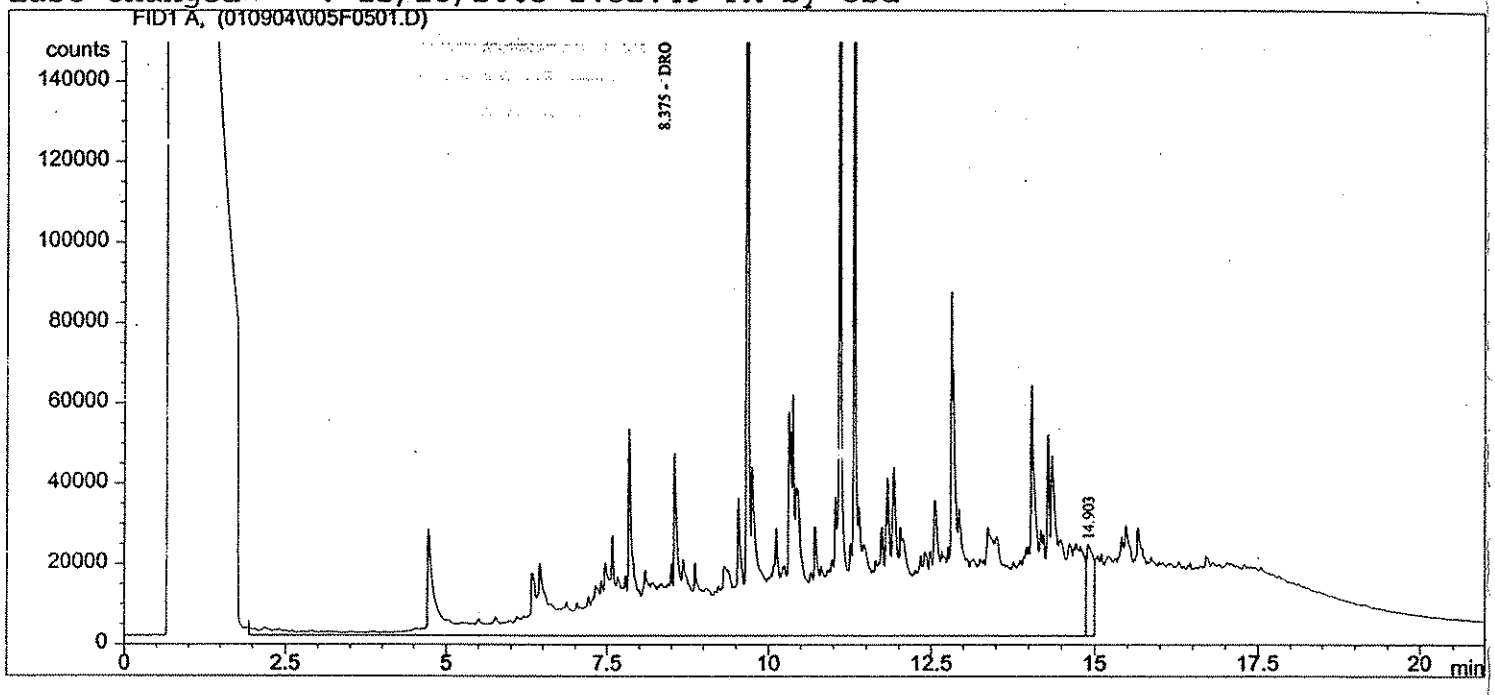
Injection Date	: 01/05/2004 10:51:56 PM	Seq. Line	: 14
Sample Name	: 033651416 u.s.	Vial	: 14
Acq. Operator	: csd	Inj	: 1
Acq. Instrument	: GC-6	Inj Volume	: Manually
Acq. Method	: D:\HPCHEM\6\METHODS\!GC6GRO3.M		
Last changed	: 08/08/2003 8:38:25 AM by csd		
Analysis Method	: J:\HPCHEM\6\METHODS\120803L.M		
Last changed	: 01/06/2004 11:36:26 AM by csd (modified after loading)		

5 100 25.95





Injection Date : 01/09/2004 4:02:10 PM Seq. Line : 5
Sample Name : 033651416 uscorp Vial : 5
Acq. Operator : mes 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+	1.14922e7	1.74402e-7	2.00426		DRO

Totals : 2.00426

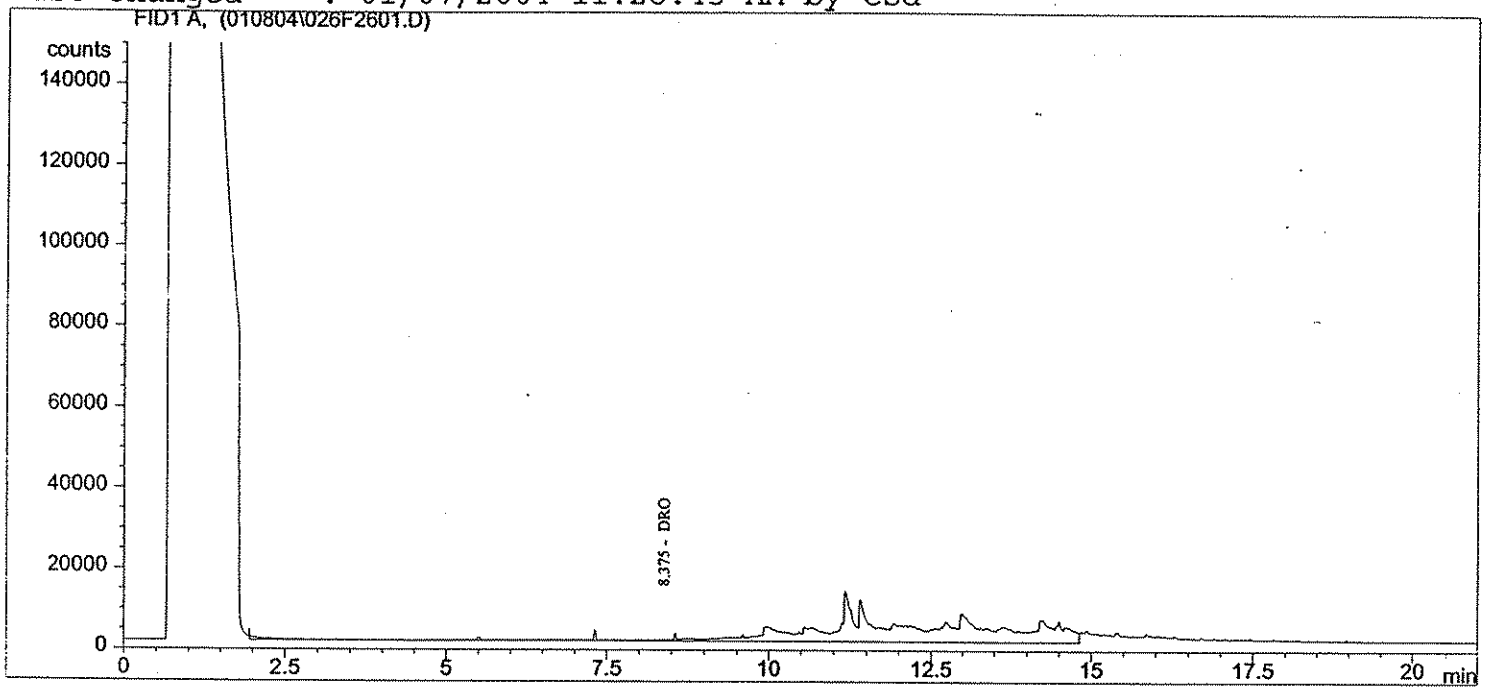
Results obtained with enhanced integrator!

*** End of Report ***

Injection Date : 01/08/2004 10:21:11 PM
Sample Name : 033651403 u.s.
Acq. Operator : csd

Seq. Line : 26
Vial : 26
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 11:28:43 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 [min]	Type	Area counts*s	Amt/Area	Amount [ppm]	Grp	Name
8.375	HHA+	1.23475e6	1.58701e-7	1.95956e-1		DRO

Totals : 1.95956e-1

Results obtained with enhanced integrator!

*** End of Report ***

Data File D:\HPCHEM\7\DATA\010604\022F2201.D Sample Name: 033651447 ~~etc~~ US

```
==========================================================================
Injection Date  : 01/06/2004 7:25:10 PM          Seq. Line :  22
Sample Name     : 033651447 etc US                    Vial :  22
Acq. Operator   : csd                                 Inj :   1
                                                 Inj Volume : 2 µl

Sequence File   : C:\HPCHEM\2\SEQUENCE\010604.S
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    : 12/18/2003 2:52:00 PM by csd
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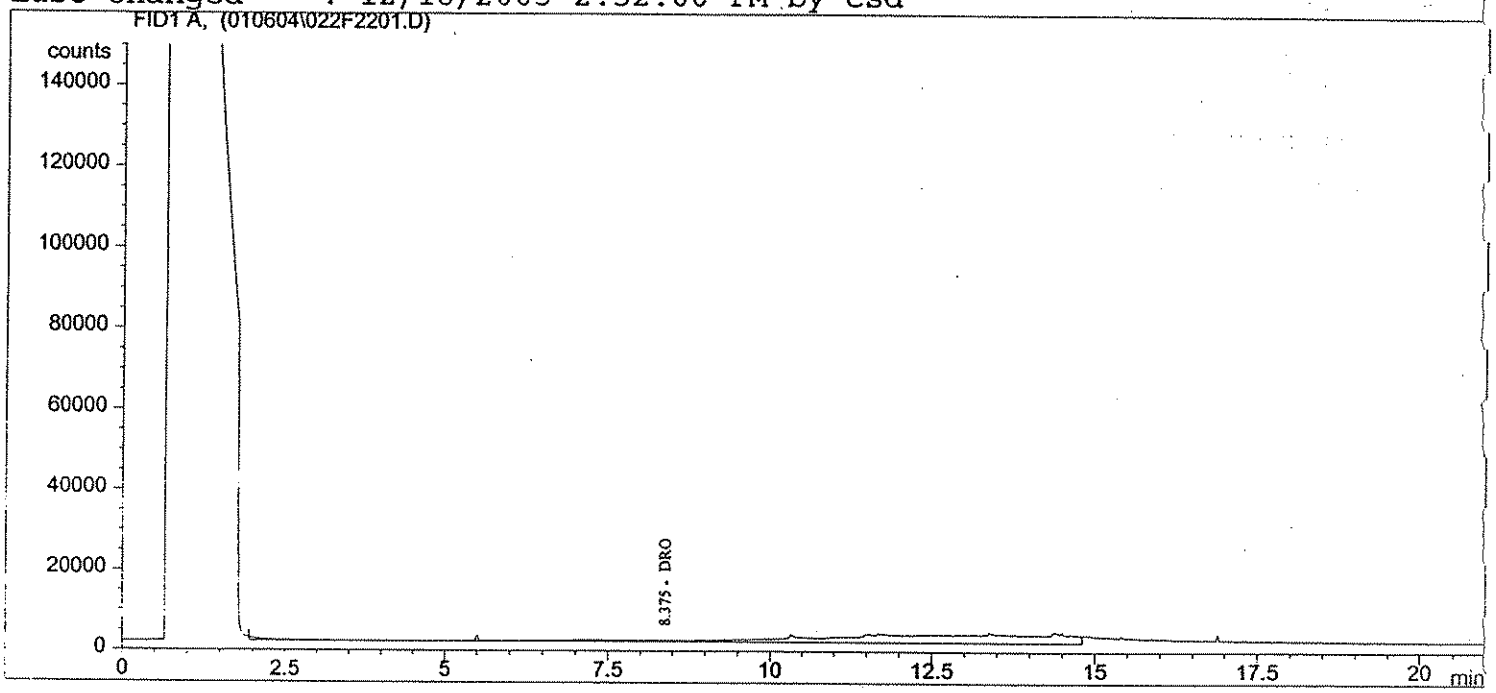



```
==========================================================================
                        External Standard Report
==========================================================================

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+   6.59307e5  1.40639e-7 9.27243e-2-    DRO

Totals :                                9.27243e-2

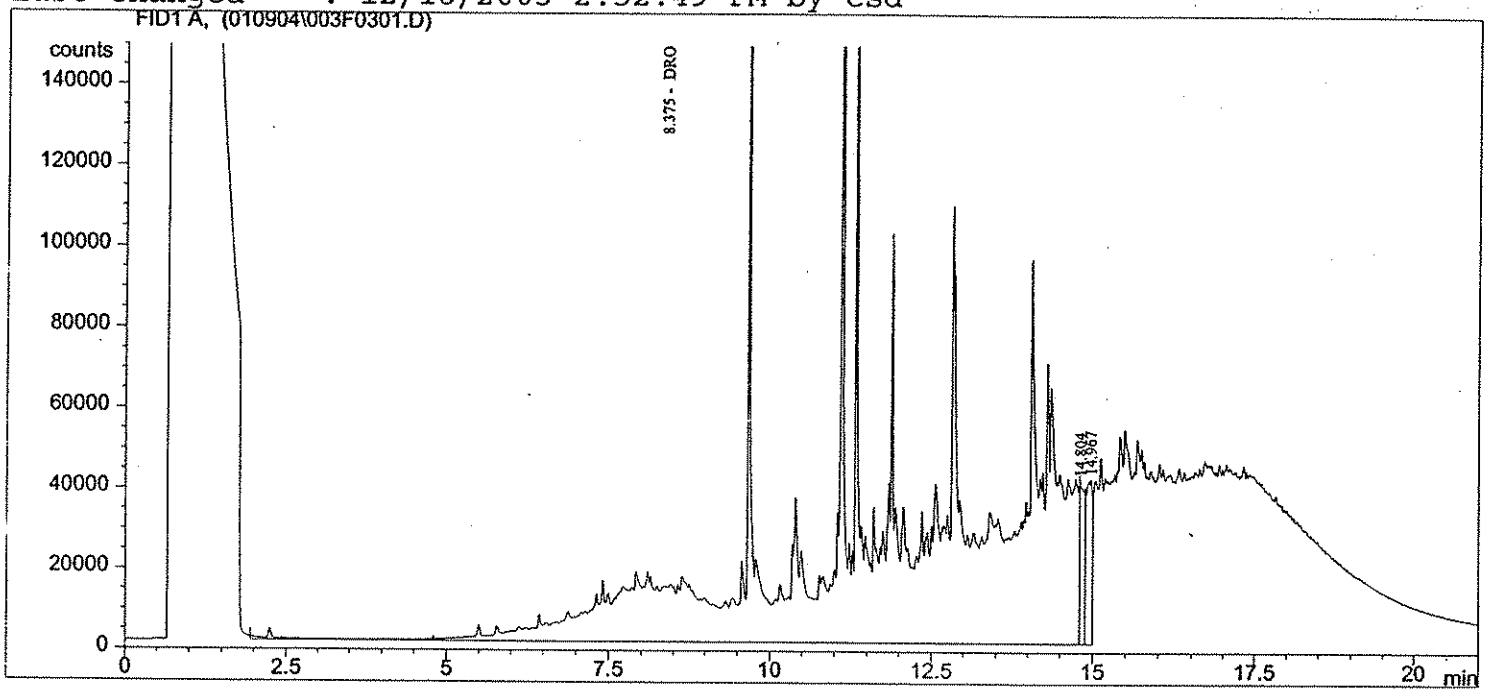
 Results obtained with enhanced integrator!
1 Warnings or Errors :

Warning : Amount limits exceeded

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

```
==========================================================================
Injection Date  : 01/09/2004 3:04:43 PM          Seq. Line :   3
Sample Name     : 033651412 uscorp                    Vial :   3
Acq. Operator   : mes                                  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,

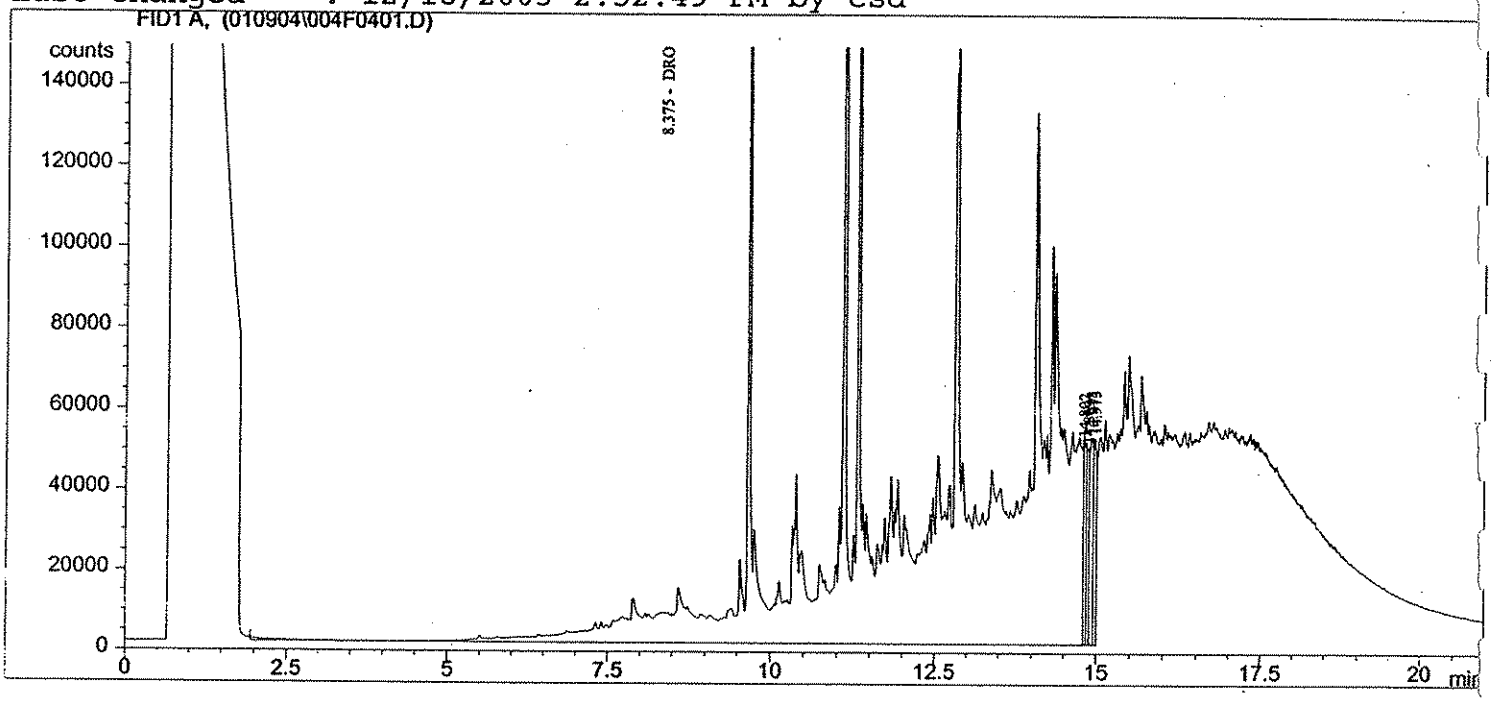
RetTime  Type      Area       Amt/Area     Amount    Grp   Name
 [min]          counts*s                   [ppm]
-------|------|----------|----------|----------|--|------------------
  8.375 HHA+   1.16864e7  1.74415e-7    2.03829     DRO

Totals :                                 2.03829

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

Injection Date : 01/09/2004 3:33:24 PM Seq. Line : 4
Sample Name : 033651414 uscorp Vial : 4
Acq. Operator : mes 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+	1.24244e7	1.74462e-7	2.16758		DRO

Totals : 2.16758

Results obtained with enhanced integrator!

*** End of Report ***

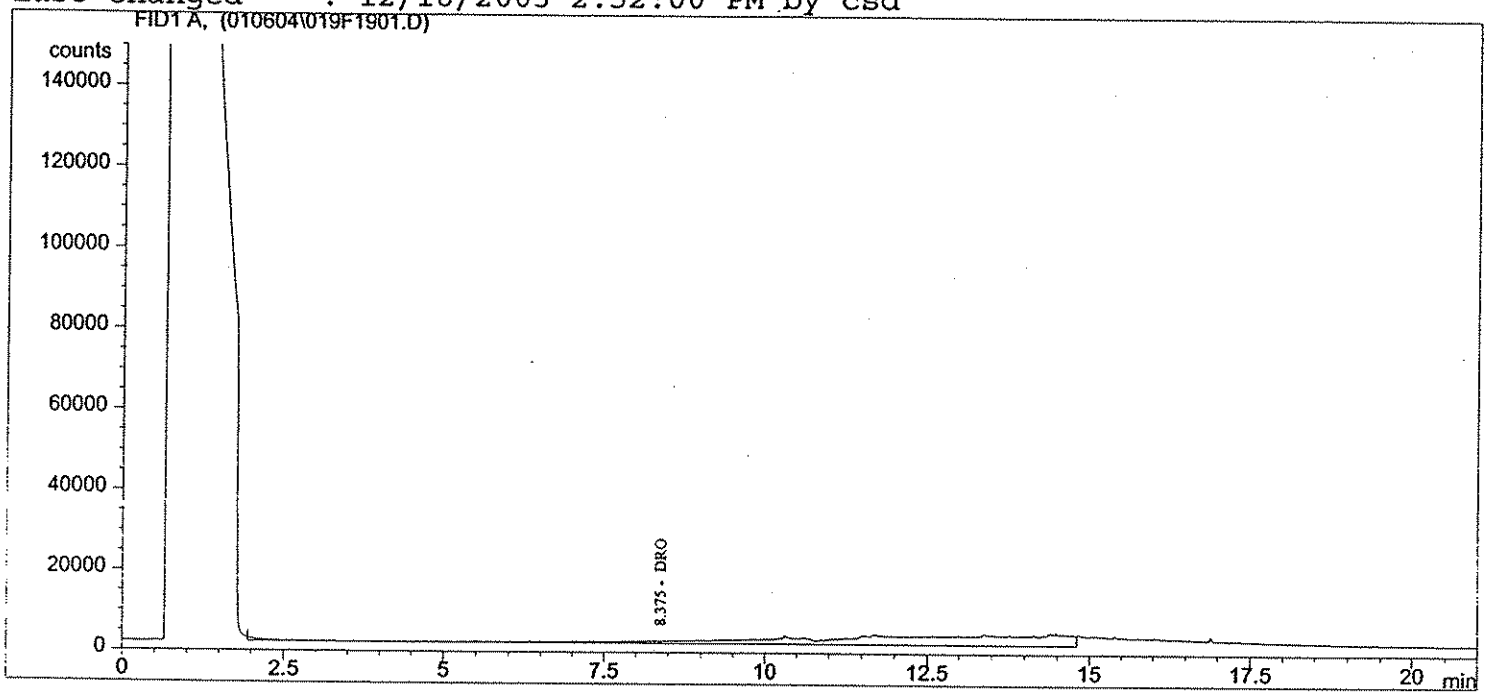
Data File D:\HPCHEM\7\DATA\010604\019F1901.D Sample Name: 033651448 ~~ets~~ VS

==========

Injection Date : 01/06/2004 6:00:59 PM
Sample Name : 033651448 ~~ets~~ VS
Acq. Operator : csd

Seq. Line : 19
Vial : 19
Inj : 1
Inj Volume : 2 µl

Sequence File : C:\HPCHEM\2\SEQUENCE\010604.S
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 : 12/18/2003 2:52:00 PM by csd



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External Standard Report

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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 [min]	Type	Area counts*s	Amt/Area	Amount [ppm]	Grp	Name
8.375	HHA+	7.70049e5	1.46213e-7	1.12591e-1		DRO

Totals : 1.12591e-1

Results obtained with enhanced integrator!

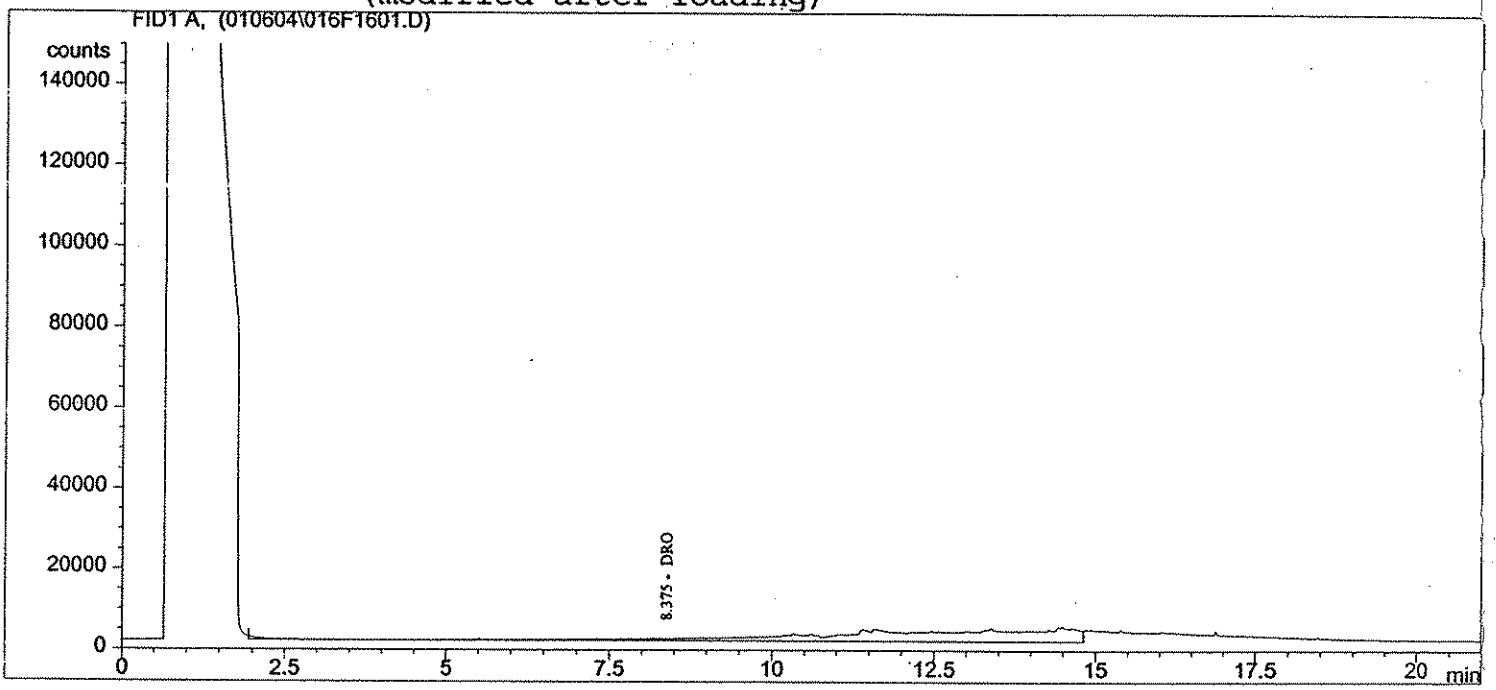
==========

*** End of Report ***

==========

Injection Date : 01/06/2004 4:36:57 PM Seq. Line : 16
Sample Name : 033651449 ~~ets~~ Vial : 16
Acq. Operator : csd US 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 : 01/06/2004 10:27:18 AM by csd
(modified after loading)



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External Standard Report

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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 [min]	Type	Area counts*s	Amt/Area	Amount [ppm]	Grp	Name
8.375	HHA+	8.37780e5	1.48895e-7	1.24741e-1		DRO

Totals : 1.24741e-1

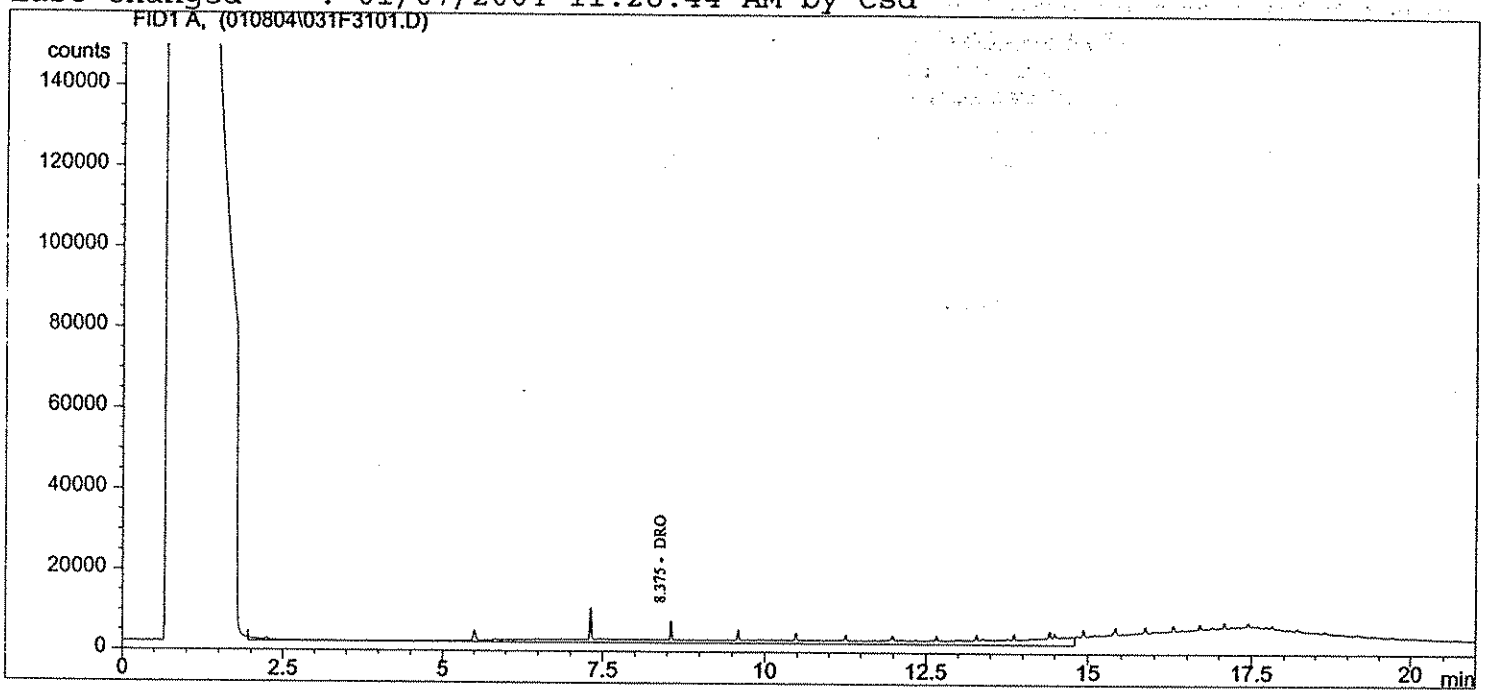
Results obtained with enhanced integrator!

==========

*** End of Report ***

```
==============================================================================
Injection Date  : 01/09/2004 12:42:54 AM          Seq. Line :  31
Sample Name     : 033651415 u.s.                    Vial :  31
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+   6.08576e5  1.37408e-7 8.36235e-2-    DRO

Totals :                                8.36235e-2

 Results obtained with enhanced integrator!
1 Warnings or Errors :

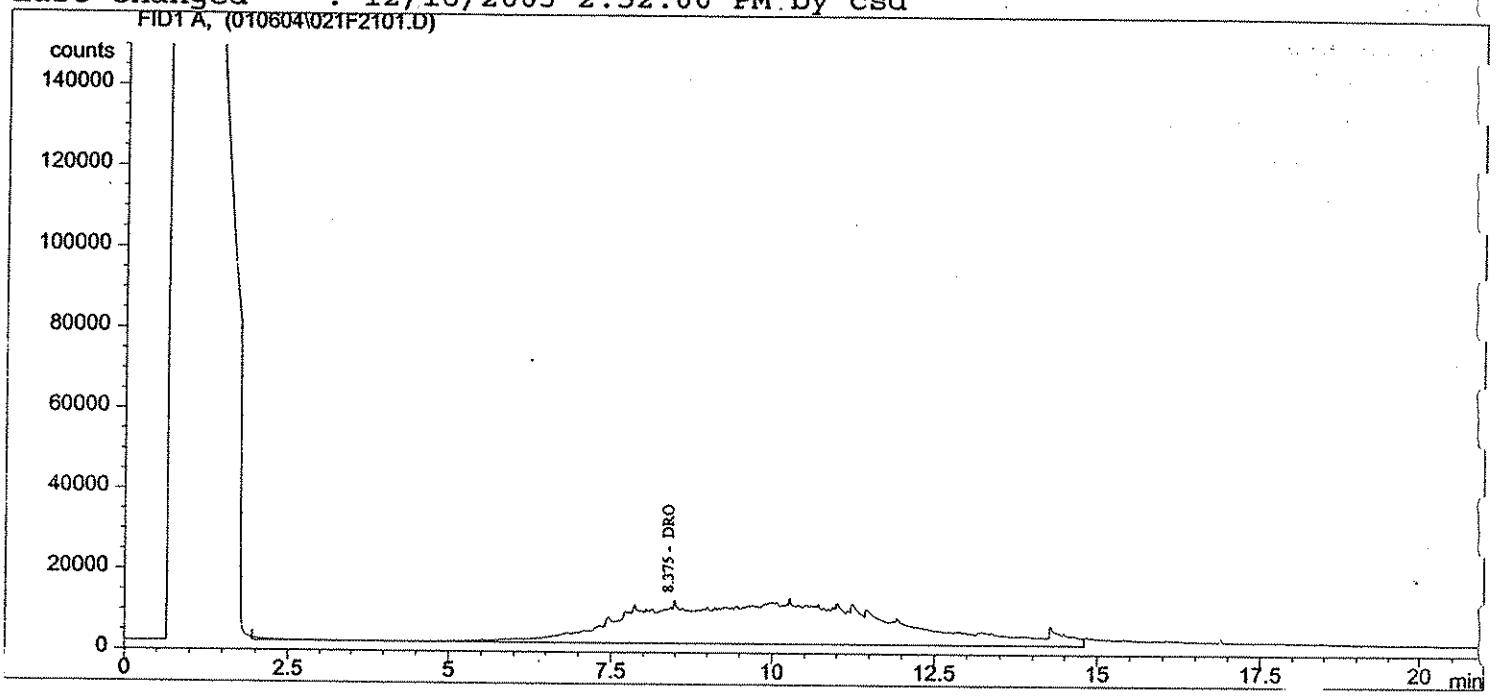
Warning : Amount limits exceeded

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

Data File D:\HPCHEM\7\DATA\010604\021F2101.D Sample Name: 03365144a ~~ets~~

Injection Date : 01/06/2004 6:57:03 PM Seq. Line : 21
Sample Name : 03365144a ~~ets~~ Vial : 21
Acq. Operator : csd Inj : 1
Inj Volume : 2 µl

Sequence File : C:\HPCHEM\2\SEQUENCE\010604.S
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 : 12/18/2003 2:52:00 PM 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 [min]	Type	Area counts*s	Amt/Area	Amount [ppm]	Grp	Name
8.375	HHA+	3.06121e6	1.71048e-7	5.23613e-1		DRO

Totals : 5.23613e-1

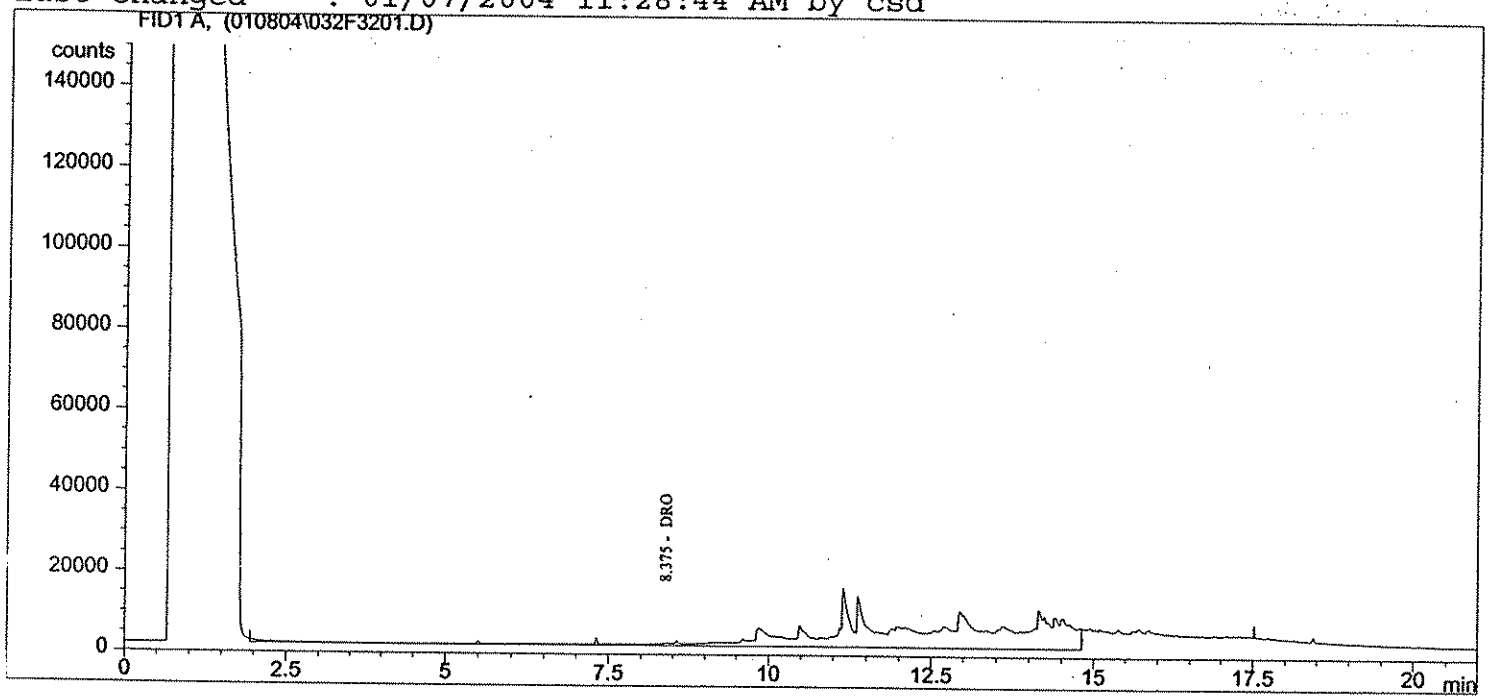
Results obtained with enhanced integrator!

*** End of Report ***

Injection Date : 01/09/2004 1:11:21 AM
Sample Name : 03365141a u.s.
Acq. Operator : csd

Seq. Line : 32
Vial : 32
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,

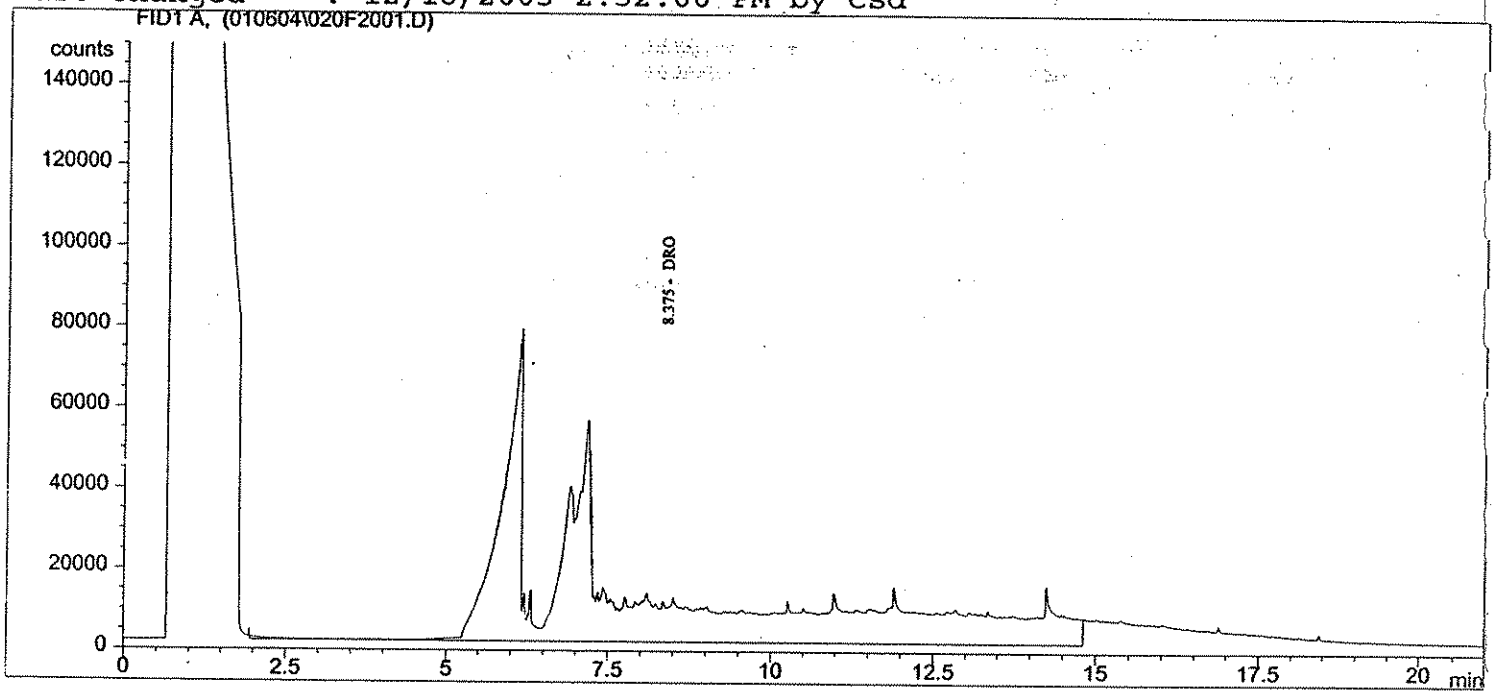
RetTime [min]	Type	Area counts*s	Amt/Area	Amount [ppm]	Grp	Name
8.375	HHA+	1.55793e6	1.62994e-7	2.53932e-1		DRO

Totals : 2.53932e-1

Results obtained with enhanced integrator!

*** End of Report ***

Injection Date : 01/06/2004 6:29:02 PM Seq. Line : 20
Sample Name : 03365144b ets Vial : 20
Acq. Operator : csd Inj : 1
Inj Volume : 2 µl
Sequence File : C:\HPCHEM\2\SEQUENCE\010604.S
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 : 12/18/2003 2:52:00 PM 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 [min]	Type	Area counts*s	Amt/Area	Amount [ppm]	Grp	Name
8.375	HHA+	6.57623e6	1.75509e-7	1.15419		DRO

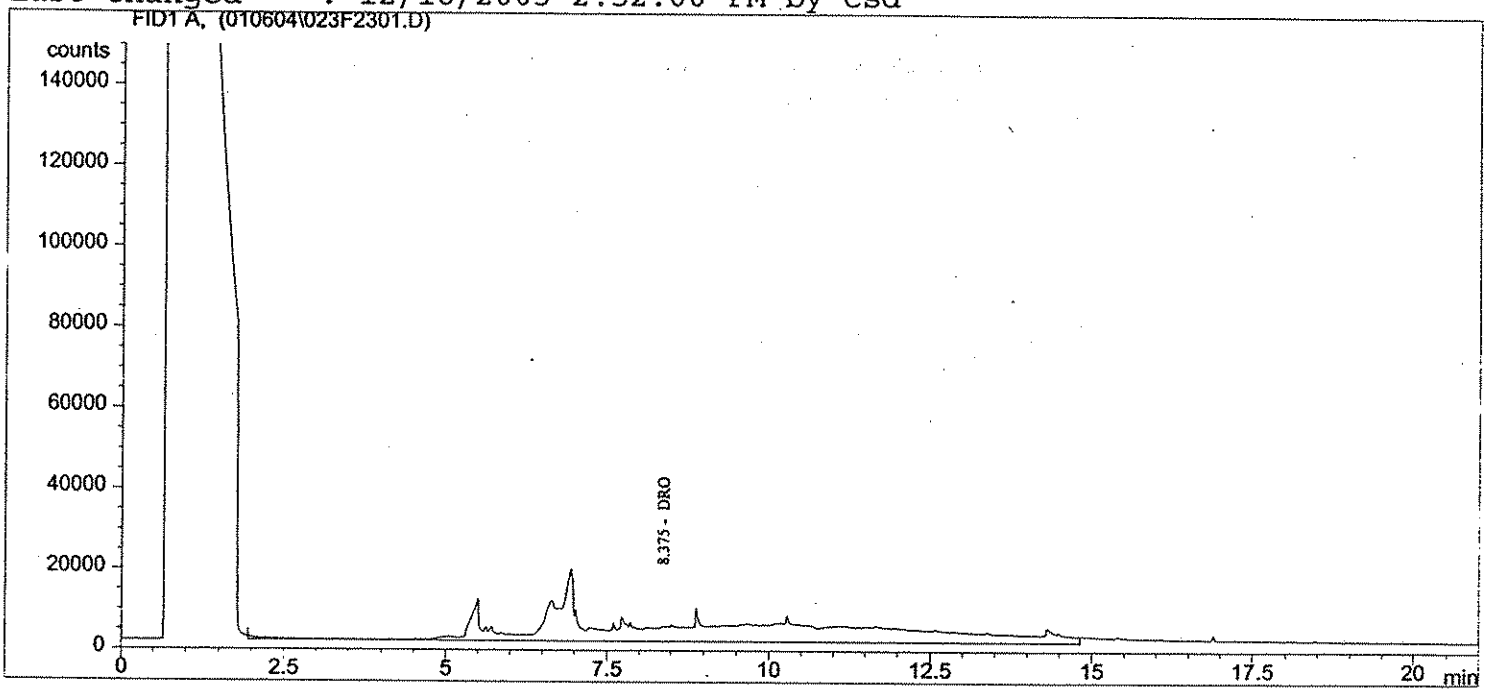
Totals : 1.15419

Results obtained with enhanced integrator!

*** End of Report ***

Injection Date : 01/06/2004 7:53:10 PM Seq. Line : 23
Sample Name : 033651450 ~~ets~~ JS Vial : 23
Acq. Operator : csd Inj : 1
Inj Volume : 2 µl

Sequence File : C:\HPCHEM\2\SEQUENCE\010604.S
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 : 12/18/2003 2:52:00 PM 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 [min]	Type	Area counts*s	Amt/Area	Amount [ppm]	Grp	Name
8.375	HHA+	2.15262e6	1.67525e-7	3.60618e-1		DRO

Totals : 3.60618e-1

Results obtained with enhanced integrator!

*** End of Report ***

MVTL

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MEMBER ACIL

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

Project Name: NTS#6368
Sample Description: S033651403
03-12M-7-8'-100

Report Date: 16 Jan 04
Lab Number: 04-N31
Work Order #:22-0003
Account #: 022015
Sample Matrix: SOIL
Date Sampled: 29 Dec 03
Date Received: 2 Jan 04
Chain of Custody Number: 38955
Temperature at Receipt: 2 C

	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
608/8081/8082 Extraction					7 Jan 04	Robert L.
PCB-1016	< 80 @	ug/Kg	40	SW8082	10 Jan 04	Robert L.
PCB-1221	< 80 @	ug/Kg	40	SW8082	10 Jan 04	Robert L.
PCB-1232	< 80 @	ug/Kg	40	SW8082	10 Jan 04	Robert L.
PCB-1242	< 80 @	ug/Kg	40	SW8082	10 Jan 04	Robert L.
PCB-1248	< 80 @	ug/Kg	40	SW8082	10 Jan 04	Robert L.
PCB-1254	< 60 @	ug/Kg	30	SW8082	10 Jan 04	Robert L.
PCB-1260	< 40 @	ug/Kg	20	SW8082	10 Jan 04	Robert L.
PCB-1262	< 60 @	ug/Kg	30	SW8082	10 Jan 04	Robert L.
PCB-1268	< 60 @	ug/Kg	30	SW8082	10 Jan 04	Robert L.

2,4,5,6-TETRACHLORO-m-XYLENE (SURROGATE) RECOVERY: 104 %
DECACHLOROBIPHENYL (SURROGATE) RECOVERY: 89 %

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

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

Project Name: NTS#6368
Sample Description: S033651403
03-12M-7-8'-100

Report Date: 16 Jan 04
Lab Number: 04-N31
Work Order: 22-0003
Account #: 022015
Sample Matrix: SOIL
Date Sampled: 29 Dec 03
Sampled By:
Date Received: 2 Jan 04
Chain of Custody Number: 38955
Temperature at Receipt: 2 C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
25/8270 SVMS Extraction						6 Jan 04	Robert L.
cenaphthene	83-32-9	0.161	mg/Kg	0.036	SW8270C	14 Jan 04	JG
Acenaphthylene	208-96-8	0.116	mg/Kg	0.034	SW8270C	14 Jan 04	JG
cetophenone	98-86-2	< 0.041	mg/Kg	0.041	SW8270C	14 Jan 04	JG
-Aminobiphenyl	92-67-1	< 0.85	mg/Kg	0.85	SW8270C	14 Jan 04	JG
niline	62-53-3	< 0.8	mg/Kg	0.8	SW8270C	14 Jan 04	JG
Anthracene	120-12-7	0.626	mg/Kg	0.032	SW8270C	14 Jan 04	JG
enzidine	92-87-5	< 13	mg/Kg	13	SW8270C	14 Jan 04	JG
enzo(a)anthracene	56-55-3	2.451	mg/Kg	0.031	SW8270C	14 Jan 04	JG
Benzo(a)pyrene	50-32-8	1.964	mg/Kg	0.038	SW8270C	14 Jan 04	JG
enzo(b)fluoranthene	205-99-2	1.646	mg/Kg	0.035	SW8270C	14 Jan 04	JG
enzo(ghi)perylene	191-24-2	< 0.09	mg/Kg	0.09	SW8270C	14 Jan 04	JG
Benzo(k)fluoranthene	207-08-9	1.983	mg/Kg	0.031	SW8270C	14 Jan 04	JG
Benzoic Acid	65-85-0	< 10	mg/Kg	10	SW8270C	14 Jan 04	JG
enzyl Alcohol	100-51-6	< 0.06	mg/Kg	0.06	SW8270C	14 Jan 04	JG
enzyl Butyl Phthalate	85-68-7	< 0.035	mg/Kg	0.035	SW8270C	14 Jan 04	JG
Bis(2-chloroethoxy)methane	111-91-1	< 0.085	mg/Kg	0.085	SW8270C	14 Jan 04	JG
is(2-chloroethyl)ether	111-44-4	< 0.04	mg/Kg	0.04	SW8270C	14 Jan 04	JG
is(2-chloroisopropyl)ether	108-60-1	< 0.032	mg/Kg	0.032	SW8270C	14 Jan 04	JG
Bis(2-ethylhexyl)phthalate	117-81-7	< 0.09	mg/Kg	0.09	SW8270C	14 Jan 04	JG
4-Bromophenyl Phenyl Ether	101-55-3	< 0.047	mg/Kg	0.047	SW8270C	14 Jan 04	JG
-Chloro-3-methyl phenol	59-50-7	< 0.09	mg/Kg	0.09	SW8270C	14 Jan 04	JG
4-Chloroaniline	106-47-8	< 1.5	mg/Kg	1.5	SW8270C	14 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

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

Project Name: NTS#6368
Sample Description: S033651403
03-12M-7-8'-100

Report Date: 16 Jan 04
Lab Number: 04-N31
Work Order: 22-0003
Account #: 022015
Sample Matrix: SOIL
Date Sampled: 29 Dec 03
Sampled By:
Date Received: 2 Jan 04
Chain of Custody Number: 38955
Temperature at Receipt: 2 C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
1-Chloronaphthalene	90-13-1	< 0.045	mg/Kg	0.045	SW8270C	14 Jan 04	JG
2-Chloronaphthalene	91-58-7	< 0.042	mg/Kg	0.042	SW8270C	14 Jan 04	JG
2-Chlorophenol	95-57-8	< 0.045	mg/Kg	0.045	SW8270C	14 Jan 04	JG
4-Chlorophenyl Phenyl Ether	7005-72-3	< 0.035	mg/Kg	0.035	SW8270C	14 Jan 04	JG
Chrysene	218-01-9	2.428	mg/Kg	0.034	SW8270C	14 Jan 04	JG
Di-n-butyl phthalate	84-74-2	< 0.08	mg/Kg	0.08	SW8270C	14 Jan 04	JG
Di-n-octyl phthalate	117-84-0	< 0.035	mg/Kg	0.035	SW8270C	14 Jan 04	JG
Dibenz (a,j) Acridine	224-42-0	< 0.09	mg/Kg	0.09	SW8270C	14 Jan 04	JG
Dibenzo(a,h)anthracene	53-70-3	0.234	mg/Kg	0.090	SW8270C	14 Jan 04	JG
Dibenzofuran	132-64-9	0.254	mg/Kg	0.035	SW8270C	14 Jan 04	JG
1,2-Dichlorobenzene	95-50-1	< 0.039	mg/Kg	0.039	SW8270C	14 Jan 04	JG
1,3-Dichlorobenzene	541-73-1	< 0.032	mg/Kg	0.032	SW8270C	14 Jan 04	JG
1,4-Dichlorobenzene	106-46-7	< 0.037	mg/Kg	0.037	SW8270C	14 Jan 04	JG
3,3-Dichlorobenzidine	91-94-1	< 1.26	mg/Kg	1.26	SW8270C	14 Jan 04	JG
2,4-Dichlorophenol	120-83-2	< 0.05	mg/Kg	0.05	SW8270C	14 Jan 04	JG
2,6-Dichlorophenol	87-65-0	< 0.04	mg/Kg	0.04	SW8270C	14 Jan 04	JG
Diethyl phthalate	84-66-2	< 0.04	mg/Kg	0.04	SW8270C	14 Jan 04	JG
Dimethyl phthalate	131-11-3	< 0.037	mg/Kg	0.037	SW8270C	14 Jan 04	JG
p-Dimethylaminazobenzene	60-11-7	< 0.04	mg/Kg	0.04	SW8270C	14 Jan 04	JG
7,12-Dimethylbenz (a) Anthracene	57-97-6	< 0.045	mg/Kg	0.045	SW8270C	14 Jan 04	JG
a,a-Dimethylphenethylamine	122-09-8	NP	mg/Kg	ND	SW8270C	14 Jan 04	JG
2,4-Dimethylphenol	105-67-9	< 0.042	mg/Kg	0.042	SW8270C	14 Jan 04	JG
2,4-Dinitrophenol	51-28-5	< 6	mg/Kg	6	SW8270C	14 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

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NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Project Name: NTS#6368
Sample Description: S033651403
03-12M-7-8'-100

Report Date: 16 Jan 04
Lab Number: 04-N31
Work Order: 22-0003
Account #: 022015
Sample Matrix: SOIL
Date Sampled: 29 Dec 03
Sampled By:
Date Received: 2 Jan 04
Chain of Custody Number: 38955
Temperature at Receipt: 2 C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
,4-Dinitrotoluene	121-14-2	< 0.045	mg/Kg	0.045	SW8270C	14 Jan 04	JG
,6-Dinitrotoluene	606-20-2	< 0.05	mg/Kg	0.05	SW8270C	14 Jan 04	JG
Diphenylamine	122-39-4	< 0.054	mg/Kg	0.054	SW8270C	14 Jan 04	JG
1,2-Diphenylhydrazine	122-66-7	< 0.04	mg/Kg	0.04	SW8270C	14 Jan 04	JG
thyl Methanesulfonate	62-50-0	< 0.04	mg/Kg	0.04	SW8270C	14 Jan 04	JG
luoranthene	206-44-0	4.206	mg/Kg	0.040	SW8270C	14 Jan 04	JG
Fluorene	86-73-7	0.208	mg/Kg	0.036	SW8270C	14 Jan 04	JG
exachlorobenzene	118-74-1	< 0.04	mg/Kg	0.04	SW8270C	14 Jan 04	JG
exachlorobutadiene	87-68-3	< 0.033	mg/Kg	0.033	SW8270C	14 Jan 04	JG
Hexachlorocyclopentadiene	77-47-4	< 6.9	mg/Kg	6.9	SW8270C	14 Jan 04	JG
exachloroethane	67-72-1	< 0.05	mg/Kg	0.05	SW8270C	14 Jan 04	JG
ndeno(1,2,3-cd)pyrene	193-39-5	0.760	mg/Kg	0.080	SW8270C	14 Jan 04	JG
sophorone	78-59-1	< 0.8	mg/Kg	0.8	SW8270C	14 Jan 04	JG
Methyl Methanesulfonate	66-27-3	< 2.22	mg/Kg	2.22	SW8270C	14 Jan 04	JG
-Methyl phenol	95-48-7	< 0.035	mg/Kg	0.035	SW8270C	14 Jan 04	JG
-Methyl phenol	106-44-5	< 0.041	mg/Kg	0.041	SW8270C	14 Jan 04	JG
2-Methyl-4,6-dinitrophenol	534-52-1	< 0.9	mg/Kg	0.9	SW8270C	14 Jan 04	JG
-Methylcholanthrene	56-49-5	< 0.045	mg/Kg	0.045	SW8270C	14 Jan 04	JG
-Methylnaphthalene	91-57-6	0.193	mg/Kg	0.040	SW8270C	14 Jan 04	JG
N-Nitroso-di-n-Butylamine	924-16-3	< 0.05	mg/Kg	0.05	SW8270C	14 Jan 04	JG
N-Nitrosodi-n-propylamine	621-64-7	< 0.07	mg/Kg	0.07	SW8270C	14 Jan 04	JG
-Nitrosodimethylamine	62-75-9	< 0.09	mg/Kg	0.09	SW8270C	14 Jan 04	JG
-Nitrosodiphenylamine	86-30-6	< 0.065	mg/Kg	0.065	SW8270C	14 Jan 04	JG

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix # = Due to sample concentration
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CERTIFICATION: MN LAB # 027-015-125 WI LAB # 999447680 ND MICRO # 1013-M ND WW/DW # R-040 IA LAB #: 132

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MEMBER ACIL

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

Project Name: NTS#6368
Sample Description: S033651403
03-12M-7-8'-100

Report Date: 16 Jan 04
Lab Number: 04-N31
Work Order: 22-0003
Account #: 022015
Sample Matrix: SOIL
Date Sampled: 29 Dec 03
Sampled By:
Date Received: 2 Jan 04
Chain of Custody Number: 38955
Temperature at Receipt: 2 C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
N-Nitrosopiperidine	100-75-4	< 0.045	mg/Kg	0.045	SW8270C	14 Jan 04	JG
Naphthalene	91-20-3	0.368	mg/Kg	0.033	SW8270C	14 Jan 04	JG
1-Naphthylamine	134-32-7	< 6	mg/Kg	6	SW8270C	14 Jan 04	JG
2-Naphthylamine	91-59-8	< 6	mg/Kg	6	SW8270C	14 Jan 04	JG
2-Nitroaniline	88-74-4	< 0.045	mg/Kg	0.045	SW8270C	14 Jan 04	JG
3-Nitroaniline	99-09-2	< 0.073	mg/Kg	0.073	SW8270C	14 Jan 04	JG
4-Nitroaniline	100-01-6	< 0.2	mg/Kg	0.2	SW8270C	14 Jan 04	JG
Nitrobenzene	98-95-3	< 0.051	mg/Kg	0.051	SW8270C	14 Jan 04	JG
2-Nitrophenol	88-75-5	< 1	mg/Kg	1	SW8270C	14 Jan 04	JG
4-Nitrophenol	100-02-7	< 0.1	mg/Kg	0.1	SW8270C	14 Jan 04	JG
Pentachlorobenzene	608-93-5	< 0.04	mg/Kg	0.04	SW8270C	14 Jan 04	JG
Pentachloronitrobenzene	82-68-8	< 0.09	mg/Kg	0.09	SW8270C	14 Jan 04	JG
Pentachlorophenol	87-86-5	< 0.125	mg/Kg	0.125	SW8270C	14 Jan 04	JG
Phenacetin	62-44-2	< 0.042	mg/Kg	0.042	SW8270C	14 Jan 04	JG
Phenanthrene	85-01-8	2.813	mg/Kg	0.035	SW8270C	14 Jan 04	JG
Phenol	108-95-2	< 0.075	mg/Kg	0.075	SW8270C	14 Jan 04	JG
2-Picoline	109-06-8	< 1.65	mg/Kg	1.65	SW8270C	14 Jan 04	JG
Pronamide	23950-58-5	< 0.08	mg/Kg	0.08	SW8270C	14 Jan 04	JG
Pyrene	129-00-0	4.303	mg/Kg	0.030	SW8270C	14 Jan 04	JG
1,2,4,5-Tetrachlorobenzene	95-94-3	< 0.045	mg/Kg	0.045	SW8270C	14 Jan 04	JG
2,3,4,6-Tetrachlorophenol	58-90-2	< 0.1	mg/Kg	0.1	SW8270C	14 Jan 04	JG
1,2,4-Trichlorobenzene	120-82-1	< 0.051	mg/Kg	0.051	SW8270C	14 Jan 04	JG
2,4,5-Trichlorophenol	95-95-4	< 0.045	mg/Kg	0.045	SW8270C	14 Jan 04	JG

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! = 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

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MEMBER ACIL

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

Project Name: NTS#6368
Sample Description: S033651403
03-12M-7-8'-100

Report Date: 16 Jan 04
Lab Number: 04-N31
Work Order: 22-0003
Account #: 022015
Sample Matrix: SOIL
Date Sampled: 29 Dec 03
Sampled By:
Date Received: 2 Jan 04
Chain of Custody Number: 38955
Temperature at Receipt: 2 C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
2,4,6-Trichlorophenol	88-06-2	< 0.055	mg/Kg	0.055	SW8270C	14 Jan 04	JG

NITROBENZENE (SURROGATE) RECOVERY: 64 %
2-FLUOROBIPHENYL (SURROGATE) RECOVERY: 57 %
TERPHENYL-d14 (SURROGATE) RECOVERY: 67 %

2-FLUOROPHENOL (SURROGATE) RECOVERY: 63 %
PHENOL-d5 (SURROGATE) RECOVERY: 65 %
2,4,6-TRIBROMOPHENOL (SURROGATE) RECOVERY: 75 %
NP = Not Present PQ = Present, Qualitative Only ND = Not Determined

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

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! = 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

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

Project Name: NTS#6368
Sample Description: S03365141A
03-15M-8-10'-100

Report Date: 16 Jan 04
Lab Number: 04-N27
Work Order #:22-0003
Account #: 022015
Sample Matrix: SOIL
Date Sampled: 30 Dec 03
Date Received: 2 Jan 04
Chain of Custody Number: 38955
Temperature at Receipt: 2 C

	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
608/8081/8082 Extraction					7 Jan 04	Robert L.
PCB-1016	< 80 @	ug/Kg	40	SW8082	10 Jan 04	Robert L.
PCB-1221	< 80 @	ug/Kg	40	SW8082	10 Jan 04	Robert L.
PCB-1232	< 80 @	ug/Kg	40	SW8082	10 Jan 04	Robert L.
PCB-1242	< 80 @	ug/Kg	40	SW8082	10 Jan 04	Robert L.
PCB-1248	< 80 @	ug/Kg	40	SW8082	10 Jan 04	Robert L.
PCB-1254	< 60 @	ug/Kg	30	SW8082	10 Jan 04	Robert L.
PCB-1260	< 40 @	ug/Kg	20	SW8082	10 Jan 04	Robert L.
PCB-1262	< 60 @	ug/Kg	30	SW8082	10 Jan 04	Robert L.
PCB-1268	< 60 @	ug/Kg	30	SW8082	10 Jan 04	Robert L.

2,4,5,6-TETRACHLORO-m-XYLENE (SURROGATE) RECOVERY: 113 %
DECACHLOROBIPHENYL (SURROGATE) RECOVERY: 108 %

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

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

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

Report Date: 16 Jan Ø4
Lab Number: Ø4-N27
Work Order: 22-ØØØ3
Account #: Ø22Ø15
Sample Matrix: SOIL
Date Sampled: 3Ø Dec Ø3
Sampled By:
Date Received: 2 Jan Ø4
Chain of Custody Number: 38955
Temperature at Receipt: 2 C

Project Name: NTS#6368
Sample Description: SØ3365141A
Ø3-15M-8-1Ø'-1ØØ

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
25/8270 SVMS Extraction						6 Jan Ø4	Robert L.
cenaphthene	83-32-9	Ø.252	mg/Kg	Ø.Ø36	SW8270C	14 Jan Ø4	JG
Acenaphthylene	208-96-8	Ø.144	mg/Kg	Ø.Ø34	SW8270C	14 Jan Ø4	JG
Acetophenone	98-86-2	< Ø.Ø41	mg/Kg	Ø.Ø41	SW8270C	14 Jan Ø4	JG
-Aminobiphenyl	92-67-1	< Ø.85	mg/Kg	Ø.85	SW8270C	14 Jan Ø4	JG
niline	62-53-3	< Ø.8	mg/Kg	Ø.8	SW8270C	14 Jan Ø4	JG
Anthracene	120-12-7	Ø.762	mg/Kg	Ø.Ø32	SW8270C	14 Jan Ø4	JG
enzidine	92-87-5	< 13	mg/Kg	13	SW8270C	14 Jan Ø4	JG
enzo(a)anthracene	56-55-3	2.861	mg/Kg	Ø.Ø31	SW8270C	14 Jan Ø4	JG
Benzo(a)pyrene	50-32-8	3.Ø13	mg/Kg	Ø.Ø38	SW8270C	14 Jan Ø4	JG
enzo(b)fluoranthene	205-99-2	2.672	mg/Kg	Ø.Ø35	SW8270C	14 Jan Ø4	JG
enzo(ghi)perylene	191-24-2	1.239	mg/Kg	Ø.Ø9Ø	SW8270C	14 Jan Ø4	JG
enzo(k)fluoranthene	207-08-9	2.9ØØ	mg/Kg	Ø.Ø31	SW8270C	14 Jan Ø4	JG
Benzoic Acid	65-85-Ø	< 1Ø	mg/Kg	1Ø	SW8270C	14 Jan Ø4	JG
enzyl Alcohol	1ØØ-51-6	< Ø.Ø6	mg/Kg	Ø.Ø6	SW8270C	14 Jan Ø4	JG
enzyl Butyl Phthalate	85-68-7	< Ø.Ø35	mg/Kg	Ø.Ø35	SW8270C	14 Jan Ø4	JG
Bis(2-chloroethoxy)methane	111-91-1	< Ø.Ø85	mg/Kg	Ø.Ø85	SW8270C	14 Jan Ø4	JG
is(2-chloroethyl)ether	111-44-4	< Ø.Ø4	mg/Kg	Ø.Ø4	SW8270C	14 Jan Ø4	JG
is(2-chloroisopropyl)ether	1Ø8-6Ø-1	< Ø.Ø32	mg/Kg	Ø.Ø32	SW8270C	14 Jan Ø4	JG
Bis(2-ethylhexyl)phthalate	117-81-7	< Ø.Ø9	mg/Kg	Ø.Ø9	SW8270C	14 Jan Ø4	JG
4-Bromophenyl Phenyl Ether	1Ø1-55-3	< Ø.Ø47	mg/Kg	Ø.Ø47	SW8270C	14 Jan Ø4	JG
-Chloro-3-methyl phenol	59-5Ø-7	< Ø.Ø9	mg/Kg	Ø.Ø9	SW8270C	14 Jan Ø4	JG
-Chloroaniline	1Ø6-47-8	< 1.5	mg/Kg	1.5	SW8270C	14 Jan Ø4	JG

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i = 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

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MEMBER ACIL

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

Report Date: 16 Jan Ø4
Lab Number: Ø4-N27
Work Order: 22-ØØØ3
Account #: Ø22Ø15
Sample Matrix: SOIL
Date Sampled: 3Ø Dec Ø3
Sampled By:
Date Received: 2 Jan Ø4
Chain of Custody Number: 38955
Temperature at Receipt: 2 C

Project Name: NTS#6368
Sample Description: SØ3365141A
Ø3-15M-8-1Ø'-1ØØ

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
1-Chloronaphthalene	9Ø-13-1	< Ø.Ø45	mg/Kg	Ø.Ø45	SW8270C	14 Jan Ø4	JG
2-Chloronaphthalene	91-58-7	< Ø.Ø42	mg/Kg	Ø.Ø42	SW8270C	14 Jan Ø4	JG
2-Chlorophenol	95-57-8	< Ø.Ø45	mg/Kg	Ø.Ø45	SW8270C	14 Jan Ø4	JG
4-Chlorophenyl Phenyl Ether	7ØØ5-72-3	< Ø.Ø35	mg/Kg	Ø.Ø35	SW8270C	14 Jan Ø4	JG
Chrysene	218-Ø1-9	3.Ø29	mg/Kg	Ø.Ø34	SW8270C	14 Jan Ø4	JG
Di-n-butyl phthalate	84-74-2	< Ø.Ø8	mg/Kg	Ø.Ø8	SW8270C	14 Jan Ø4	JG
Di-n-octyl phthalate	117-84-Ø	< Ø.Ø35	mg/Kg	Ø.Ø35	SW8270C	14 Jan Ø4	JG
Dibenz (a,j) Acridine	224-42-Ø	< Ø.Ø9	mg/Kg	Ø.Ø9	SW8270C	14 Jan Ø4	JG
Dibenzo(a,h)anthracene	53-7Ø-3	Ø.332	mg/Kg	Ø.Ø9Ø	SW8270C	14 Jan Ø4	JG
Dibenzofuran	132-64-9	Ø.121	mg/Kg	Ø.Ø35	SW8270C	14 Jan Ø4	JG
1,2-Dichlorobenzene	95-5Ø-1	< Ø.Ø39	mg/Kg	Ø.Ø39	SW8270C	14 Jan Ø4	JG
1,3-Dichlorobenzene	541-73-1	< Ø.Ø32	mg/Kg	Ø.Ø32	SW8270C	14 Jan Ø4	JG
1,4-Dichlorobenzene	1Ø6-46-7	< Ø.Ø37	mg/Kg	Ø.Ø37	SW8270C	14 Jan Ø4	JG
3,3-Dichlorobenzidine	91-94-1	< 1.26	mg/Kg	1.26	SW8270C	14 Jan Ø4	JG
2,4-Dichlorophenol	12Ø-83-2	< Ø.Ø5	mg/Kg	Ø.Ø5	SW8270C	14 Jan Ø4	JG
2,6-Dichlorophenol	87-65-Ø	< Ø.Ø4	mg/Kg	Ø.Ø4	SW8270C	14 Jan Ø4	JG
Diethyl phthalate	84-66-2	< Ø.Ø4	mg/Kg	Ø.Ø4	SW8270C	14 Jan Ø4	JG
Dimethyl phthalate	131-11-3	< Ø.Ø37	mg/Kg	Ø.Ø37	SW8270C	14 Jan Ø4	JG
p-Dimethylaminoazobenzene	6Ø-11-7	< Ø.Ø4	mg/Kg	Ø.Ø4	SW8270C	14 Jan Ø4	JG
7,12-Dimethylbenz (a) Anthracene	57-97-6	< Ø.Ø45	mg/Kg	Ø.Ø45	SW8270C	14 Jan Ø4	JG
a,a-Dimethylphenethylamine	122-Ø9-8	NP	mg/Kg	ND	SW8270C	14 Jan Ø4	JG
2,4-Dimethylphenol	1Ø5-67-9	< Ø.Ø42	mg/Kg	Ø.Ø42	SW8270C	14 Jan Ø4	JG
2,4-Dinitrophenol	51-28-5	< 6	mg/Kg	6	SW8270C	14 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

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MEMBER ACIL

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

Project Name: NTS#6368
Sample Description: S03365141A
Ø3-15M-8-1Ø'-1ØØ

Report Date: 16 Jan Ø4
Lab Number: Ø4-N27
Work Order: 22-ØØØ3
Account #: Ø22Ø15
Sample Matrix: SOIL
Date Sampled: 3Ø Dec Ø3
Sampled By:
Date Received: 2 Jan Ø4
Chain of Custody Number: 38955
Temperature at Receipt: 2 C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
2,4-Dinitrotoluene	121-14-2	< Ø.Ø45	mg/Kg	Ø.Ø45	SW8270C	14 Jan Ø4	JG
2,6-Dinitrotoluene	606-20-2	< Ø.Ø5	mg/Kg	Ø.Ø5	SW8270C	14 Jan Ø4	JG
Diphenylamine	122-39-4	< Ø.Ø54	mg/Kg	Ø.Ø54	SW8270C	14 Jan Ø4	JG
1,2-Diphenylhydrazine	122-66-7	< Ø.Ø4	mg/Kg	Ø.Ø4	SW8270C	14 Jan Ø4	JG
Ethyl Methanesulfonate	62-50-Ø	< Ø.Ø4	mg/Kg	Ø.Ø4	SW8270C	14 Jan Ø4	JG
Fluoranthene	2Ø6-44-Ø	3.899	mg/Kg	Ø.Ø4Ø	SW8270C	14 Jan Ø4	JG
Fluorene	86-73-7	Ø.282	mg/Kg	Ø.Ø36	SW8270C	14 Jan Ø4	JG
Hexachlorobenzene	118-74-1	< Ø.Ø4	mg/Kg	Ø.Ø4	SW8270C	14 Jan Ø4	JG
Hexachlorobutadiene	87-68-3	< Ø.Ø33	mg/Kg	Ø.Ø33	SW8270C	14 Jan Ø4	JG
Hexachlorocyclopentadiene	77-47-4	< 6.9	mg/Kg	6.9	SW8270C	14 Jan Ø4	JG
Hexachloroethane	67-72-1	< Ø.Ø5	mg/Kg	Ø.Ø5	SW8270C	14 Jan Ø4	JG
Indeno(1,2,3-cd)pyrene	193-39-5	1.323	mg/Kg	Ø.Ø8Ø	SW8270C	14 Jan Ø4	JG
Isophorone	78-59-1	< Ø.8	mg/Kg	Ø.8	SW8270C	14 Jan Ø4	JG
Methyl Methanesulfonate	66-27-3	< 2.22	mg/Kg	2.22	SW8270C	14 Jan Ø4	JG
2-Methyl phenol	95-48-7	< Ø.Ø35	mg/Kg	Ø.Ø35	SW8270C	14 Jan Ø4	JG
3-Methyl phenol	1Ø6-44-5	< Ø.Ø41	mg/Kg	Ø.Ø41	SW8270C	14 Jan Ø4	JG
2-Methyl-4,6-dinitrophenol	534-52-1	< Ø.9	mg/Kg	Ø.9	SW8270C	14 Jan Ø4	JG
3-Methylcholanthrene	56-49-5	< Ø.Ø45	mg/Kg	Ø.Ø45	SW8270C	14 Jan Ø4	JG
2-Methylnaphthalene	91-57-6	Ø.Ø69	mg/Kg	Ø.Ø4Ø	SW8270C	14 Jan Ø4	JG
N-Nitroso-di-n-Butylamine	924-16-3	< Ø.Ø5	mg/Kg	Ø.Ø5	SW8270C	14 Jan Ø4	JG
N-Nitrosodi-n-propylamine	621-64-7	< Ø.Ø7	mg/Kg	Ø.Ø7	SW8270C	14 Jan Ø4	JG
N-Nitrosodimethylamine	62-75-9	< Ø.Ø9	mg/Kg	Ø.Ø9	SW8270C	14 Jan Ø4	JG
N-Nitrosodiphenylamine	86-3Ø-6	< Ø.Ø65	mg/Kg	Ø.Ø65	SW8270C	14 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

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MEMBER ACIL

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

Project Name: NTS#6368
Sample Description: S03365141A
03-15M-8-10'-100

Report Date: 16 Jan 04
Lab Number: 04-N27
Work Order: 22-0003
Account #: 022015
Sample Matrix: SOIL
Date Sampled: 30 Dec 03
Sampled By:
Date Received: 2 Jan 04
Chain of Custody Number: 38955
Temperature at Receipt: 2 C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
N-Nitrosopiperidine	100-75-4	< 0.045	mg/Kg	0.045	SW8270C	14 Jan 04	JG
Naphthalene	91-20-3	0.131	mg/Kg	0.033	SW8270C	14 Jan 04	JG
1-Naphthylamine	134-32-7	< 6	mg/Kg	6	SW8270C	14 Jan 04	JG
2-Naphthylamine	91-59-8	< 6	mg/Kg	6	SW8270C	14 Jan 04	JG
2-Nitroaniline	88-74-4	< 0.045	mg/Kg	0.045	SW8270C	14 Jan 04	JG
3-Nitroaniline	99-09-2	< 0.073	mg/Kg	0.073	SW8270C	14 Jan 04	JG
4-Nitroaniline	100-01-6	< 0.2	mg/Kg	0.2	SW8270C	14 Jan 04	JG
Nitrobenzene	98-95-3	< 0.051	mg/Kg	0.051	SW8270C	14 Jan 04	JG
2-Nitrophenol	88-75-5	< 1	mg/Kg	1	SW8270C	14 Jan 04	JG
4-Nitrophenol	100-02-7	< 0.1	mg/Kg	0.1	SW8270C	14 Jan 04	JG
Pentachlorobenzene	608-93-5	< 0.04	mg/Kg	0.04	SW8270C	14 Jan 04	JG
Pentachloronitrobenzene	82-68-8	< 0.09	mg/Kg	0.09	SW8270C	14 Jan 04	JG
Pentachlorophenol	87-86-5	< 0.125	mg/Kg	0.125	SW8270C	14 Jan 04	JG
Phenacetin	62-44-2	< 0.042	mg/Kg	0.042	SW8270C	14 Jan 04	JG
Phenanthrene	85-01-8	2.546	mg/Kg	0.035	SW8270C	14 Jan 04	JG
Phenol	108-95-2	< 0.075	mg/Kg	0.075	SW8270C	14 Jan 04	JG
2-Picoline	109-06-8	< 1.65	mg/Kg	1.65	SW8270C	14 Jan 04	JG
Pronamide	23950-58-5	< 0.08	mg/Kg	0.08	SW8270C	14 Jan 04	JG
Pyrene	129-00-0	4.961	mg/Kg	0.030	SW8270C	14 Jan 04	JG
1,2,4,5-Tetrachlorobenzene	95-94-3	< 0.045	mg/Kg	0.045	SW8270C	14 Jan 04	JG
2,3,4,6-Tetrachlorophenol	58-90-2	< 0.1	mg/Kg	0.1	SW8270C	14 Jan 04	JG
1,2,4-Trichlorobenzene	120-82-1	< 0.051	mg/Kg	0.051	SW8270C	14 Jan 04	JG
2,4,5-Trichlorophenol	95-95-4	< 0.045	mg/Kg	0.045	SW8270C	14 Jan 04	JG

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

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MEMBER ACIL

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

Project Name: NTS#6368
Sample Description: S03365141A
Ø3-15M-8-1Ø'-1ØØ

Report Date: 16 Jan Ø4
Lab Number: Ø4-N27
Work Order: 22-ØØØ3
Account #: Ø22Ø15
Sample Matrix: SOIL
Date Sampled: 3Ø Dec Ø3
Sampled By:
Date Received: 2 Jan Ø4
Chain of Custody Number: 38955
Temperature at Receipt: 2 C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
2,4,6-Trichlorophenol	88-06-2	< Ø.Ø55	mg/Kg	Ø.Ø55	SW8270C	14 Jan Ø4	JG

NITROBENZENE (SURROGATE) RECOVERY: 64 %
2-FLUOROBIPHENYL (SURROGATE) RECOVERY: 56 %
TERPHENYL-d14 (SURROGATE) RECOVERY: 67 %

2-FLUOROPHENOL (SURROGATE) RECOVERY: 68 %
PHENOL-d5 (SURROGATE) RECOVERY: 7Ø %
2,4,6-TRIBROMOPHENOL (SURROGATE) RECOVERY: 74 %
NP = Not Present PQ = Present, Qualitative Only ND = Not Determined

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

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

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

Project Name: NTS#6368
Sample Description: S033651412
Ø3-13M-7-8'-1ØØ

Report Date: 16 Jan Ø4
Lab Number: Ø4-N3Ø
Work Order #:22-ØØØ3
Account #: Ø22Ø15
Sample Matrix: SOIL
Date Sampled: 29 Dec Ø3
Date Received: 2 Jan Ø4
Chain of Custody Number: 38955
Temperature at Receipt: 2 C

	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
6Ø8/8Ø81/8Ø82 Extraction					7 Jan Ø4	Robert L.
PCB-1Ø16	< 8Ø @	ug/Kg	4Ø	SW8Ø82	12 Jan Ø4	Robert L.
PCB-1221	< 8Ø @	ug/Kg	4Ø	SW8Ø82	12 Jan Ø4	Robert L.
PCB-1232	< 8Ø @	ug/Kg	4Ø	SW8Ø82	12 Jan Ø4	Robert L.
PCB-1242	< 8Ø @	ug/Kg	4Ø	SW8Ø82	12 Jan Ø4	Robert L.
PCB-1248	< 8Ø @	ug/Kg	4Ø	SW8Ø82	12 Jan Ø4	Robert L.
PCB-1254	166.Ø	ug/Kg	3Ø.Ø	SW8Ø82	12 Jan Ø4	Robert L.
PCB-126Ø	< 4Ø @	ug/Kg	2Ø	SW8Ø82	12 Jan Ø4	Robert L.
PCB-1262	< 6Ø @	ug/Kg	3Ø	SW8Ø82	12 Jan Ø4	Robert L.
PCB-1268	< 6Ø @	ug/Kg	3Ø	SW8Ø82	12 Jan Ø4	Robert L.

Some of the SW 8Ø82 surrogate spike criteria were not met.
Used 1254 pcb total area to quantify.
2,4,5,6-TETRACHLORO-m-XYLENE (SURROGATE) RECOVERY: 136 %
DECACHLOROBIPHENYL (SURROGATE) RECOVERY: 13Ø %

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

RL = Reporting Limit

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

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

Project Name: NTS#6368
Sample Description: S033651412
Ø3-13M-7-8'-1ØØ

Report Date: 16 Jan Ø4
Lab Number: Ø4-N3Ø
Work Order: 22-ØØØ3
Account #: Ø22Ø15
Sample Matrix: SOIL
Date Sampled: 29 Dec Ø3
Sampled By:
Date Received: 2 Jan Ø4
Chain of Custody Number: 38955
Temperature at Receipt: 2 C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
625/8270 SVMS Extraction						6 Jan Ø4	Robert L.
Acenaphthene	83-32-9	Ø.752	mg/Kg	Ø.Ø36	SW8270C	14 Jan Ø4	JG
Acenaphthylene	208-96-8	Ø.3ØØ	mg/Kg	Ø.Ø34	SW8270C	14 Jan Ø4	JG
Acetophenone	98-86-2	< Ø.Ø82 @	mg/Kg	Ø.Ø41	SW8270C	14 Jan Ø4	JG
4-Aminobiphenyl	92-67-1	< 1.7 @	mg/Kg	Ø.85	SW8270C	14 Jan Ø4	JG
Aniline	62-53-3	< 1.6 @	mg/Kg	Ø.8	SW8270C	14 Jan Ø4	JG
Anthracene	120-12-7	2.542	mg/Kg	Ø.Ø32	SW8270C	14 Jan Ø4	JG
Benzidine	92-87-5	< 26 @	mg/Kg	13	SW8270C	14 Jan Ø4	JG
Benzo(a)anthracene	56-55-3	7.122	mg/Kg	Ø.Ø31	SW8270C	14 Jan Ø4	JG
Benzo(a)pyrene	50-32-8	6.Ø48	mg/Kg	Ø.Ø38	SW8270C	14 Jan Ø4	JG
Benzo(b)fluoranthene	205-99-2	6.Ø10	mg/Kg	Ø.Ø35	SW8270C	14 Jan Ø4	JG
Benzo(ghi)perylene	191-24-2	2.311	mg/Kg	Ø.Ø9Ø	SW8270C	14 Jan Ø4	JG
Benzo(k)fluoranthene	207-08-9	5.374	mg/Kg	Ø.Ø31	SW8270C	14 Jan Ø4	JG
Benzoic Acid	65-85-Ø	< 2Ø @	mg/Kg	1Ø	SW8270C	14 Jan Ø4	JG
Benzyl Alcohol	100-51-6	< Ø.12 @	mg/Kg	Ø.Ø6	SW8270C	14 Jan Ø4	JG
Benzyl Butyl Phthalate	85-68-7	< Ø.Ø7 @	mg/Kg	Ø.Ø35	SW8270C	14 Jan Ø4	JG
Bis(2-chloroethoxy)methane	111-91-1	< Ø.17 @	mg/Kg	Ø.Ø85	SW8270C	14 Jan Ø4	JG
Bis(2-chloroethyl)ether	111-44-4	< Ø.Ø8 @	mg/Kg	Ø.Ø4	SW8270C	14 Jan Ø4	JG
Bis(2-chloroisopropyl)ether	108-60-1	< Ø.Ø64 @	mg/Kg	Ø.Ø32	SW8270C	14 Jan Ø4	JG
Bis(2-ethylhexyl)phthalate	117-81-7	< Ø.18 @	mg/Kg	Ø.Ø9	SW8270C	14 Jan Ø4	JG
4-Bromophenyl Phenyl Ether	101-55-3	< Ø.Ø94 @	mg/Kg	Ø.Ø47	SW8270C	14 Jan Ø4	JG
4-Chloro-3-methyl phenol	59-50-7	< Ø.18 @	mg/Kg	Ø.Ø9	SW8270C	14 Jan Ø4	JG
4-Chloroaniline	106-47-8	< 3 @	mg/Kg	1.5	SW8270C	14 Jan Ø4	JG

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

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MEMBER ACIL

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

Report Date: 16 Jan Ø4
Lab Number: Ø4-N3Ø
Work Order: 22-ØØØ3
Account #: Ø22Ø15
Sample Matrix: SOIL
Date Sampled: 29 Dec Ø3
Sampled By:
Date Received: 2 Jan Ø4
Chain of Custody Number: 38955
Temperature at Receipt: 2 C

Project Name: NTS#6368
Sample Description: SØ33651412
Ø3-13M-7-8'-1ØØ

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
1-Chloronaphthalene	90-13-1	< 0.09 @	mg/Kg	0.045	SW8270C	14 Jan 04	JG
2-Chloronaphthalene	91-58-7	< 0.084 @	mg/Kg	0.042	SW8270C	14 Jan 04	JG
2-Chlorophenol	95-57-8	< 0.09 @	mg/Kg	0.045	SW8270C	14 Jan 04	JG
4-Chlorophenyl Phenyl Ether	7005-72-3	< 0.07 @	mg/Kg	0.035	SW8270C	14 Jan 04	JG
Chrysene	218-01-9	7.077	mg/Kg	0.034	SW8270C	14 Jan 04	JG
Di-n-butyl phthalate	84-74-2	< 0.16 @	mg/Kg	0.08	SW8270C	14 Jan 04	JG
Di-n-octyl phthalate	117-84-0	< 0.07 @	mg/Kg	0.035	SW8270C	14 Jan 04	JG
Dibenz (a,j) Acridine	224-42-0	< 0.18 @	mg/Kg	0.09	SW8270C	14 Jan 04	JG
Dibenzo(a,h)anthracene	53-70-3	0.669	mg/Kg	0.090	SW8270C	14 Jan 04	JG
Dibenzofuran	132-64-9	0.760	mg/Kg	0.035	SW8270C	14 Jan 04	JG
1,2-Dichlorobenzene	95-50-1	< 0.078 @	mg/Kg	0.039	SW8270C	14 Jan 04	JG
1,3-Dichlorobenzene	541-73-1	< 0.064 @	mg/Kg	0.032	SW8270C	14 Jan 04	JG
1,4-Dichlorobenzene	106-46-7	< 0.074 @	mg/Kg	0.037	SW8270C	14 Jan 04	JG
3,3-Dichlorobenzidine	91-94-1	< 2.52 @	mg/Kg	1.26	SW8270C	14 Jan 04	JG
2,4-Dichlorophenol	120-83-2	< 0.1 @	mg/Kg	0.05	SW8270C	14 Jan 04	JG
2,6-Dichlorophenol	87-65-0	< 0.08 @	mg/Kg	0.04	SW8270C	14 Jan 04	JG
Diethyl phthalate	84-66-2	< 0.08 @	mg/Kg	0.04	SW8270C	14 Jan 04	JG
Dimethyl phthalate	131-11-3	< 0.074 @	mg/Kg	0.037	SW8270C	14 Jan 04	JG
p-Dimethylaminazobenzene	60-11-7	< 0.08 @	mg/Kg	0.04	SW8270C	14 Jan 04	JG
7,12-Dimethylbenz (a) Anthracene	57-97-6	< 0.09 @	mg/Kg	0.045	SW8270C	14 Jan 04	JG
a,a-Dimethylphenethylamine	122-09-8	NP	mg/Kg	ND	SW8270C	14 Jan 04	JG
2,4-Dimethylphenol	105-67-9	< 0.084 @	mg/Kg	0.042	SW8270C	14 Jan 04	JG
2,4-Dinitrophenol	51-28-5	< 12 @	mg/Kg	6	SW8270C	14 Jan 04	JG

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! = 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

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

Project Name: NTS#6368
Sample Description: S033651412
Ø3-13M-7-8'-1ØØ

Report Date: 16 Jan Ø4
Lab Number: Ø4-N3Ø
Work Order: 22-ØØØ3
Account #: Ø22Ø15
Sample Matrix: SOIL
Date Sampled: 29 Dec Ø3
Sampled By:
Date Received: 2 Jan Ø4
Chain of Custody Number: 38955
Temperature at Receipt: 2 C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
2,4-Dinitrotoluene	121-14-2	< Ø.Ø9 @	mg/Kg	Ø.Ø45	SW8270C	14 Jan Ø4	JG
2,6-Dinitrotoluene	606-2Ø-2	< Ø.1 @	mg/Kg	Ø.Ø5	SW8270C	14 Jan Ø4	JG
Diphenylamine	122-39-4	< Ø.1ØØ @	mg/Kg	Ø.Ø54	SW8270C	14 Jan Ø4	JG
1,2-Diphenylhydrazine	122-66-7	< Ø.Ø8 @	mg/Kg	Ø.Ø4	SW8270C	14 Jan Ø4	JG
Ethyl Methanesulfonate	62-5Ø-Ø	< Ø.Ø8 @	mg/Kg	Ø.Ø4	SW8270C	14 Jan Ø4	JG
Fluoranthene	2Ø6-44-Ø	12.21	mg/Kg	Ø.Ø4Ø	SW8270C	14 Jan Ø4	JG
Fluorene	86-73-7	1.256	mg/Kg	Ø.Ø36	SW8270C	14 Jan Ø4	JG
Hexachlorobenzene	118-74-1	< Ø.Ø8 @	mg/Kg	Ø.Ø4	SW8270C	14 Jan Ø4	JG
Hexachlorobutadiene	87-68-3	< Ø.Ø66 @	mg/Kg	Ø.Ø33	SW8270C	14 Jan Ø4	JG
Hexachlorocyclopentadiene	77-47-4	< 13.8 @	mg/Kg	6.9	SW8270C	14 Jan Ø4	JG
Hexachloroethane	67-72-1	< Ø.1 @	mg/Kg	Ø.Ø5	SW8270C	14 Jan Ø4	JG
Indeno(1,2,3-cd)pyrene	193-39-5	2.562	mg/Kg	Ø.Ø8Ø	SW8270C	14 Jan Ø4	JG
Isophorone	78-59-1	< 1.6 @	mg/Kg	Ø.8	SW8270C	14 Jan Ø4	JG
Methyl Methanesulfonate	66-27-3	< 4.44 @	mg/Kg	2.22	SW8270C	14 Jan Ø4	JG
2-Methyl phenol	95-48-7	< Ø.Ø7 @	mg/Kg	Ø.Ø35	SW8270C	14 Jan Ø4	JG
3,4-Methyl phenol	1Ø6-44-5	< Ø.Ø82 @	mg/Kg	Ø.Ø41	SW8270C	14 Jan Ø4	JG
2-Methyl-4,6-dinitrophenol	534-52-1	< 1.8 @	mg/Kg	Ø.9	SW8270C	14 Jan Ø4	JG
3-Methylcholanthrene	56-49-5	< Ø.Ø9 @	mg/Kg	Ø.Ø45	SW8270C	14 Jan Ø4	JG
2-Methylnaphthalene	91-57-6	Ø.27Ø	mg/Kg	Ø.Ø4Ø	SW8270C	14 Jan Ø4	JG
N-Nitroso-di-n-Butylamine	924-16-3	< Ø.1 @	mg/Kg	Ø.Ø5	SW8270C	14 Jan Ø4	JG
N-Nitrosodi-n-propylamine	621-64-7	< Ø.14 @	mg/Kg	Ø.Ø7	SW8270C	14 Jan Ø4	JG
N-Nitrosodimethylamine	62-75-9	< Ø.18 @	mg/Kg	Ø.Ø9	SW8270C	14 Jan Ø4	JG
N-Nitrosodiphenylamine	86-3Ø-6	< Ø.13 @	mg/Kg	Ø.Ø65	SW8270C	14 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

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MEMBER ACIL

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

Project Name: NTS#6368
Sample Description: S033651412
Ø3-13M-7-8'-1ØØ

Report Date: 16 Jan Ø4
Lab Number: Ø4-N3Ø
Work Order: 22-ØØØ3
Account #: Ø22Ø15
Sample Matrix: SOIL
Date Sampled: 29 Dec Ø3
Sampled By:
Date Received: 2 Jan Ø4
Chain of Custody Number: 38955
Temperature at Receipt: 2 C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
N-Nitrosopiperidine	100-75-4	< 0.09 @	mg/Kg	0.045	SW8270C	14 Jan 04	JG
Naphthalene	91-20-3	0.656	mg/Kg	0.033	SW8270C	14 Jan 04	JG
1-Naphthylamine	134-32-7	< 12 @	mg/Kg	6	SW8270C	14 Jan 04	JG
2-Naphthylamine	91-59-8	< 12 @	mg/Kg	6	SW8270C	14 Jan 04	JG
2-Nitroaniline	88-74-4	< 0.09 @	mg/Kg	0.045	SW8270C	14 Jan 04	JG
3-Nitroaniline	99-09-2	< 0.146 @	mg/Kg	0.073	SW8270C	14 Jan 04	JG
4-Nitroaniline	100-01-6	< 0.4 @	mg/Kg	0.2	SW8270C	14 Jan 04	JG
Nitrobenzene	98-95-3	< 0.102 @	mg/Kg	0.051	SW8270C	14 Jan 04	JG
2-Nitrophenol	88-75-5	< 2 @	mg/Kg	1	SW8270C	14 Jan 04	JG
4-Nitrophenol	100-02-7	< 0.2 @	mg/Kg	0.1	SW8270C	14 Jan 04	JG
Pentachlorobenzene	608-93-5	< 0.08 @	mg/Kg	0.04	SW8270C	14 Jan 04	JG
Pentachloronitrobenzene	82-68-8	< 0.18 @	mg/Kg	0.09	SW8270C	14 Jan 04	JG
Pentachlorophenol	87-86-5	< 0.25 @	mg/Kg	0.125	SW8270C	14 Jan 04	JG
Phenacetin	62-44-2	< 0.084 @	mg/Kg	0.042	SW8270C	14 Jan 04	JG
Phenanthrene	85-01-8	9.771	mg/Kg	0.035	SW8270C	14 Jan 04	JG
Phenol	108-95-2	< 0.15 @	mg/Kg	0.075	SW8270C	14 Jan 04	JG
2-Picoline	109-06-8	< 3.3 @	mg/Kg	1.65	SW8270C	14 Jan 04	JG
Pronamide	23950-58-5	< 0.16 @	mg/Kg	0.08	SW8270C	14 Jan 04	JG
Pyrene	129-00-0	14.97	mg/Kg	0.030	SW8270C	14 Jan 04	JG
1,2,4,5-Tetrachlorobenzene	95-94-3	< 0.09 @	mg/Kg	0.045	SW8270C	14 Jan 04	JG
2,3,4,6-Tetrachlorophenol	58-90-2	< 0.2 @	mg/Kg	0.1	SW8270C	14 Jan 04	JG
1,2,4-Trichlorobenzene	120-82-1	< 0.102 @	mg/Kg	0.051	SW8270C	14 Jan 04	JG
2,4,5-Trichlorophenol	95-95-4	< 0.09 @	mg/Kg	0.045	SW8270C	14 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 # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

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MEMBER ACIL

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

Report Date: 16 Jan Ø4
Lab Number: Ø4-N3Ø
Work Order: 22-ØØØ3
Account #: Ø22Ø15
Sample Matrix: SOIL
Date Sampled: 29 Dec Ø3
Sampled By:
Date Received: 2 Jan Ø4
Chain of Custody Number: 38955
Temperature at Receipt: 2 C

Project Name: NTS#6368
Sample Description: SØ33651412
Ø3-13M-7-8'-1ØØ

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
2,4,6-Trichlorophenol	88-Ø6-2	< Ø.11 @	mg/Kg	Ø.Ø55	SW8270C	14 Jan Ø4	JG

NITROBENZENE (SURROGATE) RECOVERY: 71 %
2-FLUOROBIPHENYL (SURROGATE) RECOVERY: 69 %
TERPHENYL-d14 (SURROGATE) RECOVERY: 84 %

2-FLUOROPHENOL (SURROGATE) RECOVERY: 7Ø %
PHENOL-d5 (SURROGATE) RECOVERY: 72 %
2,4,6-TRIBROMOPHENOL (SURROGATE) RECOVERY: 97 %
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 # 999447688Ø ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

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

Project Name: NTS#6368
Sample Description: S033651414
Ø3-13M-7-8'-2ØØ

Report Date: 16 Jan Ø4
Lab Number: Ø4-N29
Work Order #:22-ØØØ3
Account #: Ø22Ø15
Sample Matrix: SOIL
Date Sampled: 29 Dec Ø3
Date Received: 2 Jan Ø4
Chain of Custody Number: 38955
Temperature at Receipt: 2 C

	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
6Ø8/8Ø81/8Ø82 Extraction					7 Jan Ø4	Robert L.
PCB-1Ø16	< 8Ø @	ug/Kg	4Ø	SW8Ø82	12 Jan Ø4	Robert L.
PCB-1221	< 8Ø @	ug/Kg	4Ø	SW8Ø82	12 Jan Ø4	Robert L.
PCB-1232	< 8Ø @	ug/Kg	4Ø	SW8Ø82	12 Jan Ø4	Robert L.
PCB-1242	< 8Ø @	ug/Kg	4Ø	SW8Ø82	12 Jan Ø4	Robert L.
PCB-1248	< 8Ø @	ug/Kg	4Ø	SW8Ø82	12 Jan Ø4	Robert L.
PCB-1254	172.Ø	ug/Kg	3Ø.Ø	SW8Ø82	12 Jan Ø4	Robert L.
PCB-126Ø	< 4Ø @	ug/Kg	2Ø	SW8Ø82	12 Jan Ø4	Robert L.
PCB-1262	< 6Ø @	ug/Kg	3Ø	SW8Ø82	12 Jan Ø4	Robert L.
PCB-1268	< 6Ø @	ug/Kg	3Ø	SW8Ø82	12 Jan Ø4	Robert L.

Some of the SW 8Ø82 surrogate spike criteria were not met.
Used total 1254 pcb area to quantify.
2,4,5,6-TETRACHLORO-m-XYLENE (SURROGATE) RECOVERY: 123 %
DECACHLOROBIPHENYL (SURROGATE) RECOVERY: 13Ø %

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

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MEMBER ACIL

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

Report Date: 16 Jan Ø4
Lab Number: Ø4-N29
Work Order: 22-ØØØ3
Account #: Ø22Ø15
Sample Matrix: SOIL
Date Sampled: 29 Dec Ø3
Sampled By:
Date Received: 2 Jan Ø4
Chain of Custody Number: 38955
Temperature at Receipt: 2 C

Project Name: NTS#6368
Sample Description: SØ33651414
Ø3-13M-7-8'-2ØØ

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
8Ø25/827Ø SVMS Extraction						6 Jan Ø4	Robert L.
Acenaphthene	83-32-9	2.565	mg/Kg	Ø.Ø36	SW8270C	14 Jan Ø4	JG
Acenaphthylene	2Ø8-96-8	Ø.62Ø	mg/Kg	Ø.Ø34	SW8270C	14 Jan Ø4	JG
Acetophenone	98-86-2	< Ø.Ø82 @	mg/Kg	Ø.Ø41	SW8270C	14 Jan Ø4	JG
4-Aminobiphenyl	92-67-1	< 1.7 @	mg/Kg	Ø.85	SW8270C	14 Jan Ø4	JG
Aniline	62-53-3	< 1.6 @	mg/Kg	Ø.8	SW8270C	14 Jan Ø4	JG
Anthracene	12Ø-12-7	8.483	mg/Kg	Ø.Ø32	SW8270C	14 Jan Ø4	JG
Benzidine	92-87-5	< 26 @	mg/Kg	13	SW8270C	14 Jan Ø4	JG
Benzo(a)anthracene	56-55-3	17.6Ø	mg/Kg	Ø.Ø31	SW8270C	14 Jan Ø4	JG
Benzo(a)pyrene	5Ø-32-8	14.Ø5	mg/Kg	Ø.Ø38	SW8270C	14 Jan Ø4	JG
Benzo(b)fluoranthene	2Ø5-99-2	15.25	mg/Kg	Ø.Ø35	SW8270C	14 Jan Ø4	JG
Benzo(ghi)perylene	191-24-2	5.Ø16	mg/Kg	Ø.Ø9Ø	SW8270C	14 Jan Ø4	JG
Benzo(k)fluoranthene	2Ø7-Ø8-9	12.94	mg/Kg	Ø.Ø31	SW8270C	14 Jan Ø4	JG
Benzoic Acid	65-85-Ø	< 2Ø @	mg/Kg	1Ø	SW8270C	14 Jan Ø4	JG
Benzyl Alcohol	1ØØ-51-6	< Ø.12 @	mg/Kg	Ø.Ø6	SW8270C	14 Jan Ø4	JG
Benzyl Butyl Phthalate	85-68-7	< Ø.Ø7 @	mg/Kg	Ø.Ø35	SW8270C	14 Jan Ø4	JG
Bis(2-chloroethoxy)methane	111-91-1	< Ø.17 @	mg/Kg	Ø.Ø85	SW8270C	14 Jan Ø4	JG
Bis(2-chloroethyl)ether	111-44-4	< Ø.Ø8 @	mg/Kg	Ø.Ø4	SW8270C	14 Jan Ø4	JG
Bis(2-chloroisopropyl)ether	1Ø8-6Ø-1	< Ø.Ø64 @	mg/Kg	Ø.Ø32	SW8270C	14 Jan Ø4	JG
Bis(2-ethylhexyl)phthalate	117-81-7	< Ø.18 @	mg/Kg	Ø.Ø9	SW8270C	14 Jan Ø4	JG
4-Bromophenyl Phenyl Ether	1Ø1-55-3	< Ø.Ø94 @	mg/Kg	Ø.Ø47	SW8270C	14 Jan Ø4	JG
4-Chloro-3-methyl phenol	59-5Ø-7	< Ø.18 @	mg/Kg	Ø.Ø9	SW8270C	14 Jan Ø4	JG
4-Chloroaniline	1Ø6-47-8	< 3 @	mg/Kg	1.5	SW8270C	14 Jan Ø4	JG

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

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

Project Name: NTS#6368
Sample Description: S033651414
03-13M-7-8'-200

Report Date: 16 Jan 04
Lab Number: 04-N29
Work Order: 22-0003
Account #: 022015
Sample Matrix: SOIL
Date Sampled: 29 Dec 03
Sampled By:
Date Received: 2 Jan 04
Chain of Custody Number: 38955
Temperature at Receipt: 2 C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
1-Chloronaphthalene	90-13-1	< 0.09 @	mg/Kg	0.045	SW8270C	14 Jan 04	JG
2-Chloronaphthalene	91-58-7	< 0.084 @	mg/Kg	0.042	SW8270C	14 Jan 04	JG
2-Chlorophenol	95-57-8	< 0.09 @	mg/Kg	0.045	SW8270C	14 Jan 04	JG
4-Chlorophenyl Phenyl Ether	7005-72-3	< 0.07 @	mg/Kg	0.035	SW8270C	14 Jan 04	JG
Chrysene	218-01-9	16.88	mg/Kg	0.034	SW8270C	14 Jan 04	JG
Di-n-butyl phthalate	84-74-2	< 0.16 @	mg/Kg	0.08	SW8270C	14 Jan 04	JG
Di-n-octyl phthalate	117-84-0	< 0.07 @	mg/Kg	0.035	SW8270C	14 Jan 04	JG
Dibenz (a,j) Acridine	224-42-0	< 0.18 @	mg/Kg	0.09	SW8270C	14 Jan 04	JG
Dibenzo(a,h)anthracene	53-70-3	1.430	mg/Kg	0.090	SW8270C	14 Jan 04	JG
Dibenzofuran	132-64-9	2.850	mg/Kg	0.035	SW8270C	14 Jan 04	JG
1,2-Dichlorobenzene	95-50-1	< 0.078 @	mg/Kg	0.039	SW8270C	14 Jan 04	JG
1,3-Dichlorobenzene	541-73-1	< 0.064 @	mg/Kg	0.032	SW8270C	14 Jan 04	JG
1,4-Dichlorobenzene	106-46-7	< 0.074 @	mg/Kg	0.037	SW8270C	14 Jan 04	JG
3,3-Dichlorobenzidine	91-94-1	< 2.52 @	mg/Kg	1.26	SW8270C	14 Jan 04	JG
2,4-Dichlorophenol	120-83-2	< 0.1 @	mg/Kg	0.05	SW8270C	14 Jan 04	JG
2,6-Dichlorophenol	87-65-0	< 0.08 @	mg/Kg	0.04	SW8270C	14 Jan 04	JG
Diethyl phthalate	84-66-2	< 0.08 @	mg/Kg	0.04	SW8270C	14 Jan 04	JG
Dimethyl phthalate	131-11-3	< 0.074 @	mg/Kg	0.037	SW8270C	14 Jan 04	JG
p-Dimethylaminazobenzene	60-11-7	< 0.08 @	mg/Kg	0.04	SW8270C	14 Jan 04	JG
7,12-Dimethylbenz (a) Anthracene	57-97-6	< 0.09 @	mg/Kg	0.045	SW8270C	14 Jan 04	JG
a,a-Dimethylphenethylamine	122-09-8	NP	mg/Kg	ND	SW8270C	14 Jan 04	JG
2,4-Dimethylphenol	105-67-9	< 0.084 @	mg/Kg	0.042	SW8270C	14 Jan 04	JG
2,4-Dinitrophenol	51-28-5	< 12 @	mg/Kg	6	SW8270C	14 Jan 04	JG

RL = Reporting Limit

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! = 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

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MEMBER ACIL

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

Project Name: NTS#6368
Sample Description: S033651414
Ø3-13M-7-8'-2ØØ

Report Date: 16 Jan Ø4
Lab Number: Ø4-N29
Work Order: 22-ØØØ3
Account #: Ø22Ø15
Sample Matrix: SOIL
Date Sampled: 29 Dec Ø3
Sampled By:
Date Received: 2 Jan Ø4
Chain of Custody Number: 38955
Temperature at Receipt: 2 C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
2,4-Dinitrotoluene	121-14-2	< Ø.Ø9 @	mg/Kg	Ø.Ø45	SW8270C	14 Jan Ø4	JG
,6-Dinitrotoluene	606-20-2	< Ø.1 @	mg/Kg	Ø.Ø5	SW8270C	14 Jan Ø4	JG
iphenylamine	122-39-4	< Ø.1Ø8 @	mg/Kg	Ø.Ø54	SW8270C	14 Jan Ø4	JG
1,2-Diphenylhydrazine	122-66-7	< Ø.Ø8 @	mg/Kg	Ø.Ø4	SW8270C	14 Jan Ø4	JG
thyl Methanesulfonate	62-50-Ø	< Ø.Ø8 @	mg/Kg	Ø.Ø4	SW8270C	14 Jan Ø4	JG
luoranthene	2Ø6-44-Ø	55.ØØ	mg/Kg	Ø.Ø4Ø	SW8270C	14 Jan Ø4	JG
Fluorene	86-73-7	4.82Ø	mg/Kg	Ø.Ø36	SW8270C	14 Jan Ø4	JG
exachlorobenzene	118-74-1	< Ø.Ø8 @	mg/Kg	Ø.Ø4	SW8270C	14 Jan Ø4	JG
exachlorobutadiene	87-68-3	< Ø.Ø66 @	mg/Kg	Ø.Ø33	SW8270C	14 Jan Ø4	JG
exachlorocyclopentadiene	77-47-4	< 13.8 @	mg/Kg	6.9	SW8270C	14 Jan Ø4	JG
Hexachloroethane	67-72-1	< Ø.1 @	mg/Kg	Ø.Ø5	SW8270C	14 Jan Ø4	JG
ndeno(1,2,3-cd)pyrene	193-39-5	5.478	mg/Kg	Ø.Ø8Ø	SW8270C	14 Jan Ø4	JG
sophorone	78-59-1	< 1.6 @	mg/Kg	Ø.8	SW8270C	14 Jan Ø4	JG
Methyl Methanesulfonate	66-27-3	< 4.44 @	mg/Kg	2.22	SW8270C	14 Jan Ø4	JG
-Methyl phenol	95-48-7	< Ø.Ø7 @	mg/Kg	Ø.Ø35	SW8270C	14 Jan Ø4	JG
-Methyl phenol	1Ø6-44-5	< Ø.Ø82 @	mg/Kg	Ø.Ø41	SW8270C	14 Jan Ø4	JG
2-Methyl-4,6-dinitrophenol	534-52-1	< 1.8 @	mg/Kg	Ø.9	SW8270C	14 Jan Ø4	JG
3-Methylcholanthrene	56-49-5	< Ø.Ø9 @	mg/Kg	Ø.Ø45	SW8270C	14 Jan Ø4	JG
-Methylnaphthalene	91-57-6	Ø.779	mg/Kg	Ø.Ø4Ø	SW8270C	14 Jan Ø4	JG
-Nitroso-di-n-Butylamine	924-16-3	< Ø.1 @	mg/Kg	Ø.Ø5	SW8270C	14 Jan Ø4	JG
N-Nitrosodi-n-propylamine	621-64-7	< Ø.14 @	mg/Kg	Ø.Ø7	SW8270C	14 Jan Ø4	JG
-Nitrosodimethylamine	62-75-9	< Ø.18 @	mg/Kg	Ø.Ø9	SW8270C	14 Jan Ø4	JG
-Nitrosodiphenylamine	86-30-6	< Ø.13 @	mg/Kg	Ø.Ø65	SW8270C	14 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

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MEMBER ACIL

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

Report Date: 16 Jan 04
Lab Number: 04-N29
Work Order: 22-0003
Account #: 022015
Sample Matrix: SOIL
Date Sampled: 29 Dec 03
Sampled By:
Date Received: 2 Jan 04
Chain of Custody Number: 38955
Temperature at Receipt: 2 C

Project Name: NTS#6368
Sample Description: S033651414
03-13M-7-8'-200

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
N-Nitrosopiperidine	100-75-4	< 0.09 @	mg/Kg	0.045	SW8270C	14 Jan 04	JG
Naphthalene	91-20-3	1.453	mg/Kg	0.033	SW8270C	14 Jan 04	JG
1-Naphthylamine	134-32-7	< 12 @	mg/Kg	6	SW8270C	14 Jan 04	JG
2-Naphthylamine	91-59-8	< 12 @	mg/Kg	6	SW8270C	14 Jan 04	JG
2-Nitroaniline	88-74-4	< 0.09 @	mg/Kg	0.045	SW8270C	14 Jan 04	JG
3-Nitroaniline	99-09-2	< 0.146 @	mg/Kg	0.073	SW8270C	14 Jan 04	JG
4-Nitroaniline	100-01-6	< 0.4 @	mg/Kg	0.2	SW8270C	14 Jan 04	JG
Nitrobenzene	98-95-3	< 0.102 @	mg/Kg	0.051	SW8270C	14 Jan 04	JG
2-Nitrophenol	88-75-5	< 2 @	mg/Kg	1	SW8270C	14 Jan 04	JG
4-Nitrophenol	100-02-7	< 0.2 @	mg/Kg	0.1	SW8270C	14 Jan 04	JG
Pentachlorobenzene	608-93-5	< 0.08 @	mg/Kg	0.04	SW8270C	14 Jan 04	JG
Pentachloronitrobenzene	82-68-8	< 0.18 @	mg/Kg	0.09	SW8270C	14 Jan 04	JG
Pentachlorophenol	87-86-5	< 0.25 @	mg/Kg	0.125	SW8270C	14 Jan 04	JG
Phenacetin	62-44-2	< 0.084 @	mg/Kg	0.042	SW8270C	14 Jan 04	JG
Phenanthrene	85-01-8	40.50	mg/Kg	0.035	SW8270C	14 Jan 04	JG
Phenol	108-95-2	< 0.15 @	mg/Kg	0.075	SW8270C	14 Jan 04	JG
2-Picoline	109-06-8	< 3.3 @	mg/Kg	1.65	SW8270C	14 Jan 04	JG
Pronamide	23950-58-5	< 0.16 @	mg/Kg	0.08	SW8270C	14 Jan 04	JG
Pyrene	129-00-0	32.79	mg/Kg	0.030	SW8270C	14 Jan 04	JG
1,2,4,5-Tetrachlorobenzene	95-94-3	< 0.09 @	mg/Kg	0.045	SW8270C	14 Jan 04	JG
2,3,4,6-Tetrachlorophenol	58-90-2	< 0.2 @	mg/Kg	0.1	SW8270C	14 Jan 04	JG
1,2,4-Trichlorobenzene	120-82-1	< 0.102 @	mg/Kg	0.051	SW8270C	14 Jan 04	JG
2,4,5-Trichlorophenol	95-95-4	< 0.09 @	mg/Kg	0.045	SW8270C	14 Jan 04	JG

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

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MEMBER ACIL

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

Report Date: 16 Jan Ø4
Lab Number: Ø4-N29
Work Order: 22-ØØØ3
Account #: Ø22Ø15
Sample Matrix: SOIL
Date Sampled: 29 Dec Ø3
Sampled By:
Date Received: 2 Jan Ø4
Chain of Custody Number: 38955
Temperature at Receipt: 2 C

Project Name: NTS#6368
Sample Description: SØ33651414
Ø3-13M-7-8'-2ØØ

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
2,4,6-Trichlorophenol	88-Ø6-2	< Ø.11 @	mg/Kg	Ø.Ø55	SWØ27ØC	14 Jan Ø4	JG

NITROBENZENE (SURROGATE) RECOVERY: 79 %
2-FLUOROBIPHENYL (SURROGATE) RECOVERY: 8Ø %
TERPHENYL-d14 (SURROGATE) RECOVERY: 96 %

2-FLUOROPHENOL (SURROGATE) RECOVERY: 8Ø %
PHENOL-d5 (SURROGATE) RECOVERY: 78 %
2,4,6-TRIBROMOPHENOL (SURROGATE) RECOVERY: 94 %
NP = Not Present PQ = Present, Qualitative Only ND = Not Determined

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

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

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PO BOX 1142
VIRGINIA MN 55792-1142

Project Name: NTS#6368
Sample Description: S033651415
Ø3-14M-2-4'-1ØØ

Report Date: 16 Jan Ø4
Lab Number: Ø4-N28
Work Order #:22-ØØØ3
Account #: Ø22Ø15
Sample Matrix: SOIL
Date Sampled: 3Ø Dec Ø3
Date Received: 2 Jan Ø4
Chain of Custody Number: 38955
Temperature at Receipt: 2 C

	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
6ØØ/8ØØ1/8ØØ2 Extraction					7 Jan Ø4	Robert L.
PCB-1Ø16	< 8Ø @	ug/Kg	4Ø	SW8ØØ2	1Ø Jan Ø4	Robert L.
PCB-1221	< 8Ø @	ug/Kg	4Ø	SW8ØØ2	1Ø Jan Ø4	Robert L.
PCB-1232	< 8Ø @	ug/Kg	4Ø	SW8ØØ2	1Ø Jan Ø4	Robert L.
PCB-1242	< 8Ø @	ug/Kg	4Ø	SW8ØØ2	1Ø Jan Ø4	Robert L.
PCB-1248	< 8Ø @	ug/Kg	4Ø	SW8ØØ2	1Ø Jan Ø4	Robert L.
PCB-1254	< 6Ø @	ug/Kg	3Ø	SW8ØØ2	1Ø Jan Ø4	Robert L.
PCB-126Ø	< 4Ø @	ug/Kg	2Ø	SW8ØØ2	1Ø Jan Ø4	Robert L.
PCB-1262	< 6Ø @	ug/Kg	3Ø	SW8ØØ2	1Ø Jan Ø4	Robert L.
PCB-1268	< 6Ø @	ug/Kg	3Ø	SW8ØØ2	1Ø Jan Ø4	Robert L.

2,4,5,6-TETRACHLORO-m-XYLENE (SURROGATE) RECOVERY: 1Ø6 %
DECACHLOROBIPHENYL (SURROGATE) RECOVERY: 1ØØ %

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

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

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

Project Name: NTS#6368
Sample Description: S033651415
Ø3-14M-2-4'-1ØØ

Report Date: 16 Jan Ø4
Lab Number: Ø4-N28
Work Order: 22-ØØØ3
Account #: Ø22Ø15
Sample Matrix: SOIL
Date Sampled: 3Ø Dec Ø3
Sampled By:
Date Received: 2 Jan Ø4
Chain of Custody Number: 38955
Temperature at Receipt: 2 C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
625/8270 SVMS Extraction						6 Jan Ø4	Robert L.
cenaphthene	83-32-9	Ø.Ø39	mg/Kg	Ø.Ø36	SW8270C	14 Jan Ø4	JG
cenaphthylene	208-96-8	< Ø.Ø34	mg/Kg	Ø.Ø34	SW8270C	14 Jan Ø4	JG
Acetophenone	98-86-2	< Ø.Ø41	mg/Kg	Ø.Ø41	SW8270C	14 Jan Ø4	JG
-Aminobiphenyl	92-67-1	< Ø.85	mg/Kg	Ø.85	SW8270C	14 Jan Ø4	JG
niline	62-53-3	< Ø.8	mg/Kg	Ø.8	SW8270C	14 Jan Ø4	JG
Anthracene	120-12-7	Ø.Ø7Ø	mg/Kg	Ø.Ø32	SW8270C	14 Jan Ø4	JG
enzidine	92-87-5	< 13	mg/Kg	13	SW8270C	14 Jan Ø4	JG
enzo(a)anthracene	56-55-3	Ø.142	mg/Kg	Ø.Ø31	SW8270C	14 Jan Ø4	JG
Benzo(a)pyrene	50-32-8	Ø.132	mg/Kg	Ø.Ø38	SW8270C	14 Jan Ø4	JG
Benzo(b)fluoranthene	205-99-2	Ø.121	mg/Kg	Ø.Ø35	SW8270C	14 Jan Ø4	JG
enzo(ghi)perylene	191-24-2	< Ø.Ø9	mg/Kg	Ø.Ø9	SW8270C	14 Jan Ø4	JG
enzo(k)fluoranthene	207-08-9	Ø.11Ø	mg/Kg	Ø.Ø31	SW8270C	14 Jan Ø4	JG
Benzoic Acid	65-85-Ø	< 1Ø	mg/Kg	1Ø	SW8270C	14 Jan Ø4	JG
enzyl Alcohol	100-51-6	< Ø.Ø6	mg/Kg	Ø.Ø6	SW8270C	14 Jan Ø4	JG
enzyl Butyl Phthalate	85-68-7	< Ø.Ø35	mg/Kg	Ø.Ø35	SW8270C	14 Jan Ø4	JG
Bis(2-chloroethoxy)methane	111-91-1	< Ø.Ø85	mg/Kg	Ø.Ø85	SW8270C	14 Jan Ø4	JG
is(2-chloroethyl)ether	111-44-4	< Ø.Ø4	mg/Kg	Ø.Ø4	SW8270C	14 Jan Ø4	JG
is(2-chloroisopropyl)ether	108-60-1	< Ø.Ø32	mg/Kg	Ø.Ø32	SW8270C	14 Jan Ø4	JG
Bis(2-ethylhexyl)phthalate	117-81-7	< Ø.Ø9	mg/Kg	Ø.Ø9	SW8270C	14 Jan Ø4	JG
4-Bromophenyl Phenyl Ether	101-55-3	< Ø.Ø47	mg/Kg	Ø.Ø47	SW8270C	14 Jan Ø4	JG
-Chloro-3-methyl phenol	59-50-7	< Ø.Ø9	mg/Kg	Ø.Ø9	SW8270C	14 Jan Ø4	JG
-Chloroaniline	106-47-8	< 1.5	mg/Kg	1.5	SW8270C	14 Jan Ø4	JG

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

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

Report Date: 16 Jan 04
Lab Number: 04-N28
Work Order: 22-0003
Account #: 022015
Sample Matrix: SOIL
Date Sampled: 30 Dec 03
Sampled By:
Date Received: 2 Jan 04
Chain of Custody Number: 38955
Temperature at Receipt: 2 C

Project Name: NTS#6368
Sample Description: S033651415
03-14M-2-4'-100

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
1-Chloronaphthalene	90-13-1	< 0.045	mg/Kg	0.045	SW8270C	14 Jan 04	JG
2-Chloronaphthalene	91-58-7	< 0.042	mg/Kg	0.042	SW8270C	14 Jan 04	JG
2-Chlorophenol	95-57-8	< 0.045	mg/Kg	0.045	SW8270C	14 Jan 04	JG
4-Chlorophenyl Phenyl Ether	7005-72-3	< 0.035	mg/Kg	0.035	SW8270C	14 Jan 04	JG
Chrysene	218-01-9	0.146	mg/Kg	0.034	SW8270C	14 Jan 04	JG
Di-n-butyl phthalate	84-74-2	< 0.08	mg/Kg	0.08	SW8270C	14 Jan 04	JG
Di-n-octyl phthalate	117-84-0	< 0.035	mg/Kg	0.035	SW8270C	14 Jan 04	JG
Dibenz (a,j) Acridine	224-42-0	< 0.09	mg/Kg	0.09	SW8270C	14 Jan 04	JG
Dibenzo(a,h)anthracene	53-70-3	< 0.09	mg/Kg	0.09	SW8270C	14 Jan 04	JG
Dibenzofuran	132-64-9	< 0.035	mg/Kg	0.035	SW8270C	14 Jan 04	JG
1,2-Dichlorobenzene	95-50-1	< 0.039	mg/Kg	0.039	SW8270C	14 Jan 04	JG
1,3-Dichlorobenzene	541-73-1	< 0.032	mg/Kg	0.032	SW8270C	14 Jan 04	JG
1,4-Dichlorobenzene	106-46-7	< 0.037	mg/Kg	0.037	SW8270C	14 Jan 04	JG
3,3-Dichlorobenzidine	91-94-1	< 1.26	mg/Kg	1.26	SW8270C	14 Jan 04	JG
2,4-Dichlorophenol	120-83-2	< 0.05	mg/Kg	0.05	SW8270C	14 Jan 04	JG
2,6-Dichlorophenol	87-65-0	< 0.04	mg/Kg	0.04	SW8270C	14 Jan 04	JG
Diethyl phthalate	84-66-2	< 0.04	mg/Kg	0.04	SW8270C	14 Jan 04	JG
Dimethyl phthalate	131-11-3	< 0.037	mg/Kg	0.037	SW8270C	14 Jan 04	JG
p-Dimethylaminazobenzene	60-11-7	< 0.04	mg/Kg	0.04	SW8270C	14 Jan 04	JG
7,12-Dimethylbenz (a) Anthracene	57-97-6	< 0.045	mg/Kg	0.045	SW8270C	14 Jan 04	JG
a,a-Dimethylphenethylamine	122-09-8	NP	mg/Kg	ND	SW8270C	14 Jan 04	JG
2,4-Dimethylphenol	105-67-9	< 0.042	mg/Kg	0.042	SW8270C	14 Jan 04	JG
2,4-Dinitrophenol	51-28-5	< 6	mg/Kg	6	SW8270C	14 Jan 04	JG

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

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

Project Name: NTS#6368
Sample Description: S033651415
Ø3-14M-2-4'-1ØØ

Report Date: 16 Jan Ø4
Lab Number: Ø4-N28
Work Order: 22-ØØØ3
Account #: Ø22Ø15
Sample Matrix: SOIL
Date Sampled: 3Ø Dec Ø3
Sampled By:
Date Received: 2 Jan Ø4
Chain of Custody Number: 38955
Temperature at Receipt: 2 C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
,4-Dinitrotoluene	121-14-2	< Ø.Ø45	mg/Kg	Ø.Ø45	SW8270C	14 Jan Ø4	JG
,6-Dinitrotoluene	606-20-2	< Ø.Ø5	mg/Kg	Ø.Ø5	SW8270C	14 Jan Ø4	JG
Diphenylamine	122-39-4	< Ø.Ø54	mg/Kg	Ø.Ø54	SW8270C	14 Jan Ø4	JG
1,2-Diphenylhydrazine	122-66-7	< Ø.Ø4	mg/Kg	Ø.Ø4	SW8270C	14 Jan Ø4	JG
thyl Methanesulfonate	62-50-Ø	< Ø.Ø4	mg/Kg	Ø.Ø4	SW8270C	14 Jan Ø4	JG
luoranthene	206-44-Ø	Ø.345	mg/Kg	Ø.Ø4Ø	SW8270C	14 Jan Ø4	JG
Fluorene	86-73-7	Ø.Ø45	mg/Kg	Ø.Ø36	SW8270C	14 Jan Ø4	JG
exachlorobenzene	118-74-1	< Ø.Ø4	mg/Kg	Ø.Ø4	SW8270C	14 Jan Ø4	JG
exachlorobutadiene	87-68-3	< Ø.Ø33	mg/Kg	Ø.Ø33	SW8270C	14 Jan Ø4	JG
Hexachlorocyclopentadiene	77-47-4	< 6.9	mg/Kg	6.9	SW8270C	14 Jan Ø4	JG
Hexachloroethane	67-72-1	< Ø.Ø5	mg/Kg	Ø.Ø5	SW8270C	14 Jan Ø4	JG
ndeno(1,2,3-cd)pyrene	193-39-5	Ø.Ø83	mg/Kg	Ø.Ø8Ø	SW8270C	14 Jan Ø4	JG
sophorone	78-59-1	< Ø.8	mg/Kg	Ø.8	SW8270C	14 Jan Ø4	JG
Methyl Methanesulfonate	66-27-3	< 2.22	mg/Kg	2.22	SW8270C	14 Jan Ø4	JG
-Methyl phenol	95-48-7	< Ø.Ø35	mg/Kg	Ø.Ø35	SW8270C	14 Jan Ø4	JG
-Methyl phenol	106-44-5	< Ø.Ø41	mg/Kg	Ø.Ø41	SW8270C	14 Jan Ø4	JG
2-Methyl-4,6-dinitrophenol	534-52-1	< Ø.9	mg/Kg	Ø.9	SW8270C	14 Jan Ø4	JG
-Methylcholanthrene	56-49-5	< Ø.Ø45	mg/Kg	Ø.Ø45	SW8270C	14 Jan Ø4	JG
-Methylnaphthalene	91-57-6	< Ø.Ø4	mg/Kg	Ø.Ø4	SW8270C	14 Jan Ø4	JG
N-Nitroso-di-n-Butylamine	924-16-3	< Ø.Ø5	mg/Kg	Ø.Ø5	SW8270C	14 Jan Ø4	JG
N-Nitrosodi-n-propylamine	621-64-7	< Ø.Ø7	mg/Kg	Ø.Ø7	SW8270C	14 Jan Ø4	JG
-Nitrosodimethylamine	62-75-9	< Ø.Ø9	mg/Kg	Ø.Ø9	SW8270C	14 Jan Ø4	JG
-Nitrosodiphenylamine	86-30-6	< Ø.Ø65	mg/Kg	Ø.Ø65	SW8270C	14 Jan Ø4	JG

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

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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

Project Name: NTS#6368
Sample Description: S033651415
Ø3-14M-2-4'-1ØØ

Report Date: 16 Jan Ø4
Lab Number: Ø4-N28
Work Order: 22-ØØØ3
Account #: Ø22Ø15
Sample Matrix: SOIL
Date Sampled: 3Ø Dec Ø3
Sampled By:
Date Received: 2 Jan Ø4
Chain of Custody Number: 38955
Temperature at Receipt: 2 C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
N-Nitrosopiperidine	100-75-4	< 0.045	mg/Kg	0.045	SW8270C	14 Jan 04	JG
Naphthalene	91-20-3	0.077	mg/Kg	0.033	SW8270C	14 Jan 04	JG
1-Naphthylamine	134-32-7	< 6	mg/Kg	6	SW8270C	14 Jan 04	JG
2-Naphthylamine	91-59-8	< 6	mg/Kg	6	SW8270C	14 Jan 04	JG
2-Nitroaniline	88-74-4	< 0.045	mg/Kg	0.045	SW8270C	14 Jan 04	JG
3-Nitroaniline	99-09-2	< 0.073	mg/Kg	0.073	SW8270C	14 Jan 04	JG
4-Nitroaniline	100-01-6	< 0.2	mg/Kg	0.2	SW8270C	14 Jan 04	JG
Nitrobenzene	98-95-3	< 0.051	mg/Kg	0.051	SW8270C	14 Jan 04	JG
2-Nitrophenol	88-75-5	< 1	mg/Kg	1	SW8270C	14 Jan 04	JG
4-Nitrophenol	100-02-7	< 0.1	mg/Kg	0.1	SW8270C	14 Jan 04	JG
Pentachlorobenzene	608-93-5	< 0.04	mg/Kg	0.04	SW8270C	14 Jan 04	JG
Pentachloronitrobenzene	82-68-8	< 0.09	mg/Kg	0.09	SW8270C	14 Jan 04	JG
Pentachlorophenol	87-86-5	< 0.125	mg/Kg	0.125	SW8270C	14 Jan 04	JG
Phenacetin	62-44-2	< 0.042	mg/Kg	0.042	SW8270C	14 Jan 04	JG
Phenanthrene	85-01-8	0.318	mg/Kg	0.035	SW8270C	14 Jan 04	JG
Phenol	108-95-2	< 0.075	mg/Kg	0.075	SW8270C	14 Jan 04	JG
2-Picoline	109-06-8	< 1.65	mg/Kg	1.65	SW8270C	14 Jan 04	JG
Pronamide	23950-58-5	< 0.08	mg/Kg	0.08	SW8270C	14 Jan 04	JG
Pyrene	129-00-0	0.318	mg/Kg	0.030	SW8270C	14 Jan 04	JG
1,2,4,5-Tetrachlorobenzene	95-94-3	< 0.045	mg/Kg	0.045	SW8270C	14 Jan 04	JG
2,3,4,6-Tetrachlorophenol	58-90-2	< 0.1	mg/Kg	0.1	SW8270C	14 Jan 04	JG
1,2,4-Trichlorobenzene	120-82-1	< 0.051	mg/Kg	0.051	SW8270C	14 Jan 04	JG
2,4,5-Trichlorophenol	95-95-4	< 0.045	mg/Kg	0.045	SW8270C	14 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 # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1013-M ND WW/DW # R-040 IA LAB #: 132

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MEMBER ACIL

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

Project Name: NTS#6368
Sample Description: S033651415
Ø3-14M-2-4'-1ØØ

Report Date: 16 Jan Ø4
Lab Number: Ø4-N28
Work Order: 22-ØØØ3
Account #: Ø22Ø15
Sample Matrix: SOIL
Date Sampled: 3Ø Dec Ø3
Sampled By:
Date Received: 2 Jan Ø4
Chain of Custody Number: 38955
Temperature at Receipt: 2 C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
2,4,6-Trichlorophenol	88-06-2	< Ø.Ø55	ng/Kg	Ø.Ø55	SW8270C	14 Jan Ø4	JG

Some of the SW 8270C surrogate and spike criteria were not met due to sample matrix.

NITROBENZENE (SURROGATE) RECOVERY: 56 %
2-FLUOROBIPHENYL (SURROGATE) RECOVERY: 51 %
TERPHENYL-d14 (SURROGATE) RECOVERY: 55 %

2-FLUOROPHENOL (SURROGATE) RECOVERY: 49 %
PHENOL-d5 (SURROGATE) RECOVERY: 54 %
2,4,6-TRIBROMOPHENOL (SURROGATE) RECOVERY: 58 %
NP = Not Present PQ = Present, Qualitative Only ND = Not Determined

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

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

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

Project Name: NTS#6368
Sample Description: S033651416
03-16M-8-10'-100

Report Date: 16 Jan 04
Lab Number: 04-N32
Work Order #:22-0003
Account #: 022015
Sample Matrix: SOIL
Date Sampled: 30 Dec 03
Date Received: 2 Jan 04
Chain of Custody Number: 38955
Temperature at Receipt: 2 C

	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
608/8081/8082 Extraction					7 Jan 04	Robert L.
PCB-1016	< 80 @	ug/Kg	40	SW8082	12 Jan 04	Robert L.
PCB-1221	< 80 @	ug/Kg	40	SW8082	12 Jan 04	Robert L.
PCB-1232	< 80 @	ug/Kg	40	SW8082	12 Jan 04	Robert L.
PCB-1242	< 80 @	ug/Kg	40	SW8082	12 Jan 04	Robert L.
PCB-1248	< 80 @	ug/Kg	40	SW8082	12 Jan 04	Robert L.
PCB-1254	271.0	ug/Kg	30.0	SW8082	12 Jan 04	Robert L.
PCB-1260	< 40 @	ug/Kg	20	SW8082	12 Jan 04	Robert L.
PCB-1262	< 60 @	ug/Kg	30	SW8082	12 Jan 04	Robert L.
PCB-1268	< 60 @	ug/Kg	30	SW8082	12 Jan 04	Robert L.

Some of the SW 8082 surrogate criteria were not met.
Used 1254 pcb total area to quantify.
2,4,5,6-TETRACHLORO-m-XYLENE (SURROGATE) RECOVERY: 130 %
DECACHLOROBIPHENYL (SURROGATE) RECOVERY: 108 %

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

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! = 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

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

Report Date: 16 Jan 04
Lab Number: 04-N32
Work Order: 22-0003
Account #: 022015
Sample Matrix: SOIL
Date Sampled: 30 Dec 03
Sampled By:
Date Received: 2 Jan 04
Chain of Custody Number: 38955
Temperature at Receipt: 2 C

Project Name: NTS#6368
Sample Description: S033651416
03-16M-8-10'-100

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
625/8270 SVMS Extraction						6 Jan 04	Robert L.
cenaphthene	83-32-9	2.521	mg/Kg	0.036	SW8270C	14 Jan 04	JG
cenaphthylene	208-96-8	0.140	mg/Kg	0.034	SW8270C	14 Jan 04	JG
Acetophenone	98-86-2	< 0.041	mg/Kg	0.041	SW8270C	14 Jan 04	JG
-Aminobiphenyl	92-67-1	< 0.85	mg/Kg	0.85	SW8270C	14 Jan 04	JG
niline	62-53-3	< 0.8	mg/Kg	0.8	SW8270C	14 Jan 04	JG
Anthracene	120-12-7	3.842	mg/Kg	0.032	SW8270C	14 Jan 04	JG
enzidine	92-87-5	< 13	mg/Kg	13	SW8270C	14 Jan 04	JG
enzo(a)anthracene	56-55-3	6.248	mg/Kg	0.031	SW8270C	14 Jan 04	JG
Benzo(a)pyrene	50-32-8	6.081	mg/Kg	0.038	SW8270C	14 Jan 04	JG
Benzo(b)fluoranthene	205-99-2	4.528	mg/Kg	0.035	SW8270C	14 Jan 04	JG
enzo(ghi)perylene	191-24-2	2.217	mg/Kg	0.090	SW8270C	14 Jan 04	JG
enzo(k)fluoranthene	207-08-9	5.295	mg/Kg	0.031	SW8270C	14 Jan 04	JG
Benzoic Acid	65-85-0	< 10	mg/Kg	10	SW8270C	14 Jan 04	JG
enzyl Alcohol	100-51-6	< 0.06	mg/Kg	0.06	SW8270C	14 Jan 04	JG
enzyl Butyl Phthalate	85-68-7	< 0.035	mg/Kg	0.035	SW8270C	14 Jan 04	JG
Bis(2-chloroethoxy)methane	111-91-1	< 0.085	mg/Kg	0.085	SW8270C	14 Jan 04	JG
is(2-chloroethyl)ether	111-44-4	< 0.04	mg/Kg	0.04	SW8270C	14 Jan 04	JG
is(2-chloroisopropyl)ether	108-60-1	< 0.032	mg/Kg	0.032	SW8270C	14 Jan 04	JG
is(2-ethylhexyl)phthalate	117-81-7	0.210	mg/Kg	0.090	SW8270C	14 Jan 04	JG
4-Bromophenyl Phenyl Ether	101-55-3	< 0.047	mg/Kg	0.047	SW8270C	14 Jan 04	JG
-Chloro-3-methyl phenol	59-50-7	< 0.09	mg/Kg	0.09	SW8270C	14 Jan 04	JG
-Chloroaniline	106-47-8	< 1.5	mg/Kg	1.5	SW8270C	14 Jan 04	JG

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MEMBER ACIL

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

Report Date: 16 Jan Ø4
Lab Number: Ø4-N32
Work Order: 22-ØØØ3
Account #: Ø22Ø15
Sample Matrix: SOIL
Date Sampled: 3Ø Dec Ø3
Sampled By:
Date Received: 2 Jan Ø4
Chain of Custody Number: 38955
Temperature at Receipt: 2 C

Project Name: NTS#6368
Sample Description: SØ33651416
Ø3-16M-8-1Ø'-1ØØ

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
1-Chloronaphthalene	9Ø-13-1	< Ø.Ø45	ng/Kg	Ø.Ø45	SW8270C	14 Jan Ø4	JG
2-Chloronaphthalene	91-58-7	< Ø.Ø42	ng/Kg	Ø.Ø42	SW8270C	14 Jan Ø4	JG
2-Chlorophenol	95-57-8	< Ø.Ø45	ng/Kg	Ø.Ø45	SW8270C	14 Jan Ø4	JG
4-Chlorophenyl Phenyl Ether	7ØØ5-72-3	< Ø.Ø35	ng/Kg	Ø.Ø35	SW8270C	14 Jan Ø4	JG
Chrysene	218-Ø1-9	6.Ø98	ng/Kg	Ø.Ø34	SW8270C	14 Jan Ø4	JG
Di-n-butyl phthalate	84-74-2	Ø.Ø83	ng/Kg	Ø.Ø8Ø	SW8270C	14 Jan Ø4	JG
Di-n-octyl phthalate	117-84-Ø	< Ø.Ø35	ng/Kg	Ø.Ø35	SW8270C	14 Jan Ø4	JG
Dibenz (a,j) Acridine	224-42-Ø	< Ø.Ø9	ng/Kg	Ø.Ø9	SW8270C	14 Jan Ø4	JG
Dibenzo(a,h)anthracene	53-7Ø-3	Ø.568	ng/Kg	Ø.Ø9Ø	SW8270C	14 Jan Ø4	JG
Dibenzofuran	132-64-9	1.224	ng/Kg	Ø.Ø35	SW8270C	14 Jan Ø4	JG
1,2-Dichlorobenzene	95-5Ø-1	< Ø.Ø39	ng/Kg	Ø.Ø39	SW8270C	14 Jan Ø4	JG
1,3-Dichlorobenzene	541-73-1	< Ø.Ø32	ng/Kg	Ø.Ø32	SW8270C	14 Jan Ø4	JG
1,4-Dichlorobenzene	1Ø6-46-7	< Ø.Ø37	ng/Kg	Ø.Ø37	SW8270C	14 Jan Ø4	JG
3,3-Dichlorobenzidine	91-94-1	< 1.26	ng/Kg	1.26	SW8270C	14 Jan Ø4	JG
2,4-Dichlorophenol	12Ø-83-2	< Ø.Ø5	ng/Kg	Ø.Ø5	SW8270C	14 Jan Ø4	JG
2,6-Dichlorophenol	87-65-Ø	< Ø.Ø4	ng/Kg	Ø.Ø4	SW8270C	14 Jan Ø4	JG
Diethyl phthalate	84-66-2	< Ø.Ø4	ng/Kg	Ø.Ø4	SW8270C	14 Jan Ø4	JG
Dimethyl phthalate	131-11-3	< Ø.Ø37	ng/Kg	Ø.Ø37	SW8270C	14 Jan Ø4	JG
p-Dimethylaminazobenzene	6Ø-11-7	< Ø.Ø4	ng/Kg	Ø.Ø4	SW8270C	14 Jan Ø4	JG
7,12-Dimethylbenz (a) Anthracene	57-97-6	< Ø.Ø45	ng/Kg	Ø.Ø45	SW8270C	14 Jan Ø4	JG
a,a-Dimethylphenethylamine	122-Ø9-8	NP	ng/Kg	ND	SW8270C	14 Jan Ø4	JG
2,4-Dimethylphenol	1Ø5-67-9	< Ø.Ø42	ng/Kg	Ø.Ø42	SW8270C	14 Jan Ø4	JG
2,4-Dinitrophenol	51-28-5	< 6	ng/Kg	6	SW8270C	14 Jan Ø4	JG

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

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MEMBER ACIL

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

Project Name: NTS#6368
Sample Description: S033651416
Ø3-16M-8-1Ø'-1ØØ

Report Date: 16 Jan Ø4
Lab Number: Ø4-N32
Work Order: 22-ØØØ3
Account #: Ø22Ø15
Sample Matrix: SOIL
Date Sampled: 3Ø Dec Ø3
Sampled By:
Date Received: 2 Jan Ø4
Chain of Custody Number: 38955
Temperature at Receipt: 2 C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
2,4-Dinitrotoluene	121-14-2	< Ø.Ø45	mg/Kg	Ø.Ø45	SW8270C	14 Jan Ø4	JG
,6-Dinitrotoluene	606-2Ø-2	< Ø.Ø5	mg/Kg	Ø.Ø5	SW8270C	14 Jan Ø4	JG
iphenylamine	122-39-4	< Ø.Ø54	mg/Kg	Ø.Ø54	SW8270C	14 Jan Ø4	JG
1,2-Diphenylhydrazine	122-66-7	< Ø.Ø4	mg/Kg	Ø.Ø4	SW8270C	14 Jan Ø4	JG
thyl Methanesulfonate	62-5Ø-Ø	< Ø.Ø4	mg/Kg	Ø.Ø4	SW8270C	14 Jan Ø4	JG
luoranthene	2Ø6-44-Ø	17.24	mg/Kg	Ø.Ø4Ø	SW8270C	14 Jan Ø4	JG
Fluorene	86-73-7	3.374	mg/Kg	Ø.Ø36	SW8270C	14 Jan Ø4	JG
exachlorobenzene	118-74-1	< Ø.Ø4	mg/Kg	Ø.Ø4	SW8270C	14 Jan Ø4	JG
exachlorobutadiene	87-68-3	< Ø.Ø33	mg/Kg	Ø.Ø33	SW8270C	14 Jan Ø4	JG
exachlorocyclopentadiene	77-47-4	< 6.9	mg/Kg	6.9	SW8270C	14 Jan Ø4	JG
Hexachloroethane	67-72-1	< Ø.Ø5	mg/Kg	Ø.Ø5	SW8270C	14 Jan Ø4	JG
ndeno(1,2,3-cd)pyrene	193-39-5	2.2ØØ	mg/Kg	Ø.ØØØ	SW8270C	14 Jan Ø4	JG
sophorone	78-59-1	< Ø.8	mg/Kg	Ø.8	SW8270C	14 Jan Ø4	JG
Methyl Methanesulfonate	66-27-3	< 2.22	mg/Kg	2.22	SW8270C	14 Jan Ø4	JG
-Methyl phenol	95-48-7	< Ø.Ø35	mg/Kg	Ø.Ø35	SW8270C	14 Jan Ø4	JG
-Methyl phenol	1Ø6-44-5	< Ø.Ø41	mg/Kg	Ø.Ø41	SW8270C	14 Jan Ø4	JG
2-Methyl-4,6-dinitrophenol	534-52-1	< Ø.9	mg/Kg	Ø.9	SW8270C	14 Jan Ø4	JG
3-Methylcholanthrene	56-49-5	< Ø.Ø45	mg/Kg	Ø.Ø45	SW8270C	14 Jan Ø4	JG
-Methylnaphthalene	91-57-6	2.25Ø	mg/Kg	Ø.Ø4Ø	SW8270C	14 Jan Ø4	JG
-Nitroso-di-n-Butylamine	924-16-3	< Ø.Ø5	mg/Kg	Ø.Ø5	SW8270C	14 Jan Ø4	JG
N-Nitrosodi-n-propylamine	621-64-7	< Ø.Ø7	mg/Kg	Ø.Ø7	SW8270C	14 Jan Ø4	JG
-Nitrosodimethylamine	62-75-9	< Ø.Ø9	mg/Kg	Ø.Ø9	SW8270C	14 Jan Ø4	JG
-Nitrosodiphenylamine	86-3Ø-6	< Ø.Ø65	mg/Kg	Ø.Ø65	SW8270C	14 Jan Ø4	JG

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

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Report Date: 16 Jan 04
Lab Number: 04-N32
Work Order: 22-0003
Account #: 022015
Sample Matrix: SOIL
Date Sampled: 30 Dec 03
Sampled By:
Date Received: 2 Jan 04
Chain of Custody Number: 38955
Temperature at Receipt: 2 C

Project Name: NTS#6368
Sample Description: S033651416
03-16M-8-10'-100

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
N-Nitrosopiperidine	100-75-4	< 0.045	mg/Kg	0.045	SW8270C	14 Jan 04	JG
Naphthalene	91-20-3	3.622	mg/Kg	0.033	SW8270C	14 Jan 04	JG
1-Naphthylamine	134-32-7	< 6	mg/Kg	6	SW8270C	14 Jan 04	JG
2-Naphthylamine	91-59-8	< 6	mg/Kg	6	SW8270C	14 Jan 04	JG
2-Nitroaniline	88-74-4	< 0.045	mg/Kg	0.045	SW8270C	14 Jan 04	JG
3-Nitroaniline	99-09-2	< 0.073	mg/Kg	0.073	SW8270C	14 Jan 04	JG
4-Nitroaniline	100-01-6	< 0.2	mg/Kg	0.2	SW8270C	14 Jan 04	JG
Nitrobenzene	98-95-3	< 0.051	mg/Kg	0.051	SW8270C	14 Jan 04	JG
2-Nitrophenol	88-75-5	< 1	mg/Kg	1	SW8270C	14 Jan 04	JG
4-Nitrophenol	100-02-7	< 0.1	mg/Kg	0.1	SW8270C	14 Jan 04	JG
Pentachlorobenzene	608-93-5	< 0.04	mg/Kg	0.04	SW8270C	14 Jan 04	JG
Pentachloronitrobenzene	82-68-8	< 0.09	mg/Kg	0.09	SW8270C	14 Jan 04	JG
Pentachlorophenol	87-86-5	< 0.125	mg/Kg	0.125	SW8270C	14 Jan 04	JG
Phenacetin	62-44-2	< 0.042	mg/Kg	0.042	SW8270C	14 Jan 04	JG
Phenanthrene	85-01-8	21.70	mg/Kg	0.035	SW8270C	14 Jan 04	JG
Phenol	108-95-2	< 0.075	mg/Kg	0.075	SW8270C	14 Jan 04	JG
2-Picoline	109-06-8	< 1.65	mg/Kg	1.65	SW8270C	14 Jan 04	JG
Pronamide	23950-58-5	< 0.08	mg/Kg	0.08	SW8270C	14 Jan 04	JG
Pyrene	129-00-0	16.15	mg/Kg	0.030	SW8270C	14 Jan 04	JG
1,2,4,5-Tetrachlorobenzene	95-94-3	< 0.045	mg/Kg	0.045	SW8270C	14 Jan 04	JG
2,3,4,6-Tetrachlorophenol	58-90-2	< 0.1	mg/Kg	0.1	SW8270C	14 Jan 04	JG
1,2,4-Trichlorobenzene	120-82-1	< 0.051	mg/Kg	0.051	SW8270C	14 Jan 04	JG
2,4,5-Trichlorophenol	95-95-4	< 0.045	mg/Kg	0.045	SW8270C	14 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

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MEMBER ACIL

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

Report Date: 16 Jan 04
Lab Number: 04-N32
Work Order: 22-0003
Account #: 022015
Sample Matrix: SOIL
Date Sampled: 30 Dec 03
Sampled By:
Date Received: 2 Jan 04
Chain of Custody Number: 38955
Temperature at Receipt: 2 C

Project Name: NTS#6368
Sample Description: S033651416
03-16M-8-10'-100

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
2,4,6-Trichlorophenol	88-06-2	< 0.055	mg/Kg	0.055	SW8270C	14 Jan 04	JG

NITROBENZENE (SURROGATE) RECOVERY: 55 %
2-FLUOROBIPHENYL (SURROGATE) RECOVERY: 65 %
TERPHENYL-d14 (SURROGATE) RECOVERY: 77 %

2-FLUOROPHENOL (SURROGATE) RECOVERY: 66 %
PHENOL-d5 (SURROGATE) RECOVERY: 69 %
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

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! = 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

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

Report Date: 12 Jan Ø4
Lab Number: Ø4-A46
Work Order #:22-ØØØ2
Account #: Ø22Ø15
Sample Matrix: GROUNDWATER
Date Sampled: 3Ø Dec Ø3
Date Received: 2 Jan Ø4

Project Name: NTS#6388
Project Number: COC#38955
Sample Description: SØ3365144A
Ø3-14M-1ØØ

Temperature at Receipt: 2 C

	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
6Ø8/8Ø81/8Ø82 Extraction					5 Jan Ø4	LM
PCB-1Ø16	< Ø.777 !	ug/L	Ø.7	SW8Ø82	7 Jan Ø4	LM
PCB-1221	< 1.11 !	ug/L	1	SW8Ø82	7 Jan Ø4	LM
PCB-1232	< Ø.666 !	ug/L	Ø.6	SW8Ø82	7 Jan Ø4	LM
PCB-1242	< Ø.666 !	ug/L	Ø.6	SW8Ø82	7 Jan Ø4	LM
PCB-1248	< Ø.888 !	ug/L	Ø.8	SW8Ø82	7 Jan Ø4	LM
PCB-1254	< Ø.666 !	ug/L	Ø.6	SW8Ø82	7 Jan Ø4	LM
PCB-1268	< Ø.333 !	ug/L	Ø.3	SW8Ø82	7 Jan Ø4	LM

2,4,5,6-TETRACHLORO-m-XYLENE (SURROGATE) RECOVERY: 1Ø9 %
DECACHLOROBIPHENYL (SURROGATE) RECOVERY: 125 %

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

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! = 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

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NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 12 Jan Ø4
Lab Number: Ø4-A46
Work Order: 22-ØØØ2
Account #: Ø22Ø15
Sample Matrix: GROUNDWATER
Date Sampled: 3Ø Dec Ø3
Sampled By:
Date Received: 2 Jan Ø4

Project Name: NTS#6388
Project Number: COC#38955
Sample Description: SØ3365144A
Ø3-14M-1ØØ

Temperature at Receipt: 2 C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
25/8270 SVMS Extraction						5 Jan Ø4	Robert L.
Acenaphthene	83-32-9	2.2	ug/L	1.6	SW8270C	7 Jan Ø4	JG
Acenaphthylene	208-96-8	< 1.6 !	ug/L	1.5	SW8270C	7 Jan Ø4	JG
cetophenone	98-86-2	< 1.6 !	ug/L	1.5	SW8270C	7 Jan Ø4	JG
-Aminobiphenyl	92-67-1	< 4.1 !	ug/L	3.7	SW8270C	7 Jan Ø4	JG
Aniline	62-53-3	< 3.7 !	ug/L	3.4	SW8270C	7 Jan Ø4	JG
nthracene	120-12-7	< 1.6 !	ug/L	1.5	SW8270C	7 Jan Ø4	JG
enzidine	92-87-5	< 11 !	ug/L	10	SW8270C	7 Jan Ø4	JG
Benzo(a)anthracene	56-55-3	< 1.5 !	ug/L	1.4	SW8270C	7 Jan Ø4	JG
enzo(a)pyrene	50-32-8	< 1.6 !	ug/L	1.5	SW8270C	7 Jan Ø4	JG
enzo(b)fluoranthene	205-99-2	< 1.5 !	ug/L	1.4	SW8270C	7 Jan Ø4	JG
enzo(ghi)perylene	191-24-2	< 1.6 !	ug/L	1.5	SW8270C	7 Jan Ø4	JG
Benzo(k)fluoranthene	207-08-9	< 1.8 !	ug/L	1.6	SW8270C	7 Jan Ø4	JG
enzoic Acid	65-85-0	< 22 !	ug/L	20	SW8270C	7 Jan Ø4	JG
enzyl Alcohol	100-51-6	< 1.1 !	ug/L	1	SW8270C	7 Jan Ø4	JG
Benzyl Butyl Phthalate	85-68-7	< 1.6 !	ug/L	1.5	SW8270C	7 Jan Ø4	JG
is(2-chloroethoxy)methane	111-91-1	< 1.8 !	ug/L	1.6	SW8270C	7 Jan Ø4	JG
is(2-chloroethyl)ether	111-44-4	< 2.2 !	ug/L	2	SW8270C	7 Jan Ø4	JG
Bis(2-chloroisopropyl)ether	108-60-1	< 1.4 !	ug/L	1.3	SW8270C	7 Jan Ø4	JG
is(2-ethylhexyl)phthalate	117-81-7	< 2.9 !	ug/L	2.6	SW8270C	7 Jan Ø4	JG
-Bromophenyl Phenyl Ether	101-55-3	< 1.9 !	ug/L	1.7	SW8270C	7 Jan Ø4	JG
-Chloro-3-methyl phenol	59-50-7	< 1.6 !	ug/L	1.5	SW8270C	7 Jan Ø4	JG

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

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

Report Date: 12 Jan Ø4
Lab Number: Ø4-A46
Work Order: 22-ØØØ2
Account #: Ø22Ø15
Sample Matrix: GROUNDWATER
Date Sampled: 3Ø Dec Ø3
Sampled By:
Date Received: 2 Jan Ø4

Project Name: NTS#6388
Project Number: COC#38955
Sample Description: SØ3365144A
Ø3-14M-1ØØ

Temperature at Receipt: 2 C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
4-Chloroaniline	1Ø6-47-8	< 5.5 !	ug/L	5	SW8270C	7 Jan Ø4	JG
1-Chloronaphthalene	9Ø-13-1	< 1.6 !	ug/L	1.5	SW8270C	7 Jan Ø4	JG
2-Chloronaphthalene	91-58-7	< 1.6 !	ug/L	1.5	SW8270C	7 Jan Ø4	JG
2-Chlorophenol	95-57-8	< 2.2 !	ug/L	2	SW8270C	7 Jan Ø4	JG
4-Chlorophenyl Phenyl Ether	7ØØ5-72-3	< 1.6 !	ug/L	1.5	SW8270C	7 Jan Ø4	JG
Chrysene	218-Ø1-9	< 1.6 !	ug/L	1.5	SW8270C	7 Jan Ø4	JG
Di-n-butyl phthalate	84-74-2	< 1.9 !	ug/L	1.7	SW8270C	7 Jan Ø4	JG
Di-n-octyl phthalate	117-84-Ø	< 1.4 !	ug/L	1.3	SW8270C	7 Jan Ø4	JG
Dibenz (a,j) Acridine	224-42-Ø	< 1.5 !	ug/L	1.4	SW8270C	7 Jan Ø4	JG
Dibenzo(a,h)anthracene	53-7Ø-3	< 1.4 !	ug/L	1.3	SW8270C	7 Jan Ø4	JG
Dibenzofuran	132-64-9	< 1.6 !	ug/L	1.5	SW8270C	7 Jan Ø4	JG
1,2-Dichlorobenzene	95-5Ø-1	< 1.4 !	ug/L	1.3	SW8270C	7 Jan Ø4	JG
1,3-Dichlorobenzene	541-73-1	< 1.4 !	ug/L	1.3	SW8270C	7 Jan Ø4	JG
1,4-Dichlorobenzene	1Ø6-46-7	< 1.4 !	ug/L	1.3	SW8270C	7 Jan Ø4	JG
3,3-Dichlorobenzidine	91-94-1	< 5.5 !	ug/L	5	SW8270C	7 Jan Ø4	JG
2,4-Dichlorophenol	12Ø-83-2	< 2.2 !	ug/L	2	SW8270C	7 Jan Ø4	JG
2,6-Dichlorophenol	87-65-Ø	< 2.2 !	ug/L	2	SW8270C	7 Jan Ø4	JG
Diethyl phthalate	84-66-2	< 1.6 !	ug/L	1.5	SW8270C	7 Jan Ø4	JG
Dimethyl phthalate	131-11-3	< 1.6 !	ug/L	1.5	SW8270C	7 Jan Ø4	JG
p-Dimethylaminazobenzene	6Ø-11-7	< 4.1 !	ug/L	3.7	SW8270C	7 Jan Ø4	JG
7,12-Dimethylbenz (a) Anthracene	57-97-6	< 1.5 !	ug/L	1.4	SW8270C	7 Jan Ø4	JG
a,a-Dimethylphenethylamine	122-Ø9-8	< 22 !	ug/L	2Ø	SW8270C	7 Jan Ø4	JG

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

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MEMBER ACIL

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

Report Date: 12 Jan Ø4
Lab Number: Ø4-A46
Work Order: 22-ØØØ2
Account #: Ø22Ø15
Sample Matrix: GROUNDWATER
Date Sampled: 3Ø Dec Ø3
Sampled By:
Date Received: 2 Jan Ø4

Project Name: NTS#6388
Project Number: COC#38955
Sample Description: SØ3365144A
Ø3-14M-1ØØ

Temperature at Receipt: 2 C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
2,4-Dimethylphenol	105-67-9	< 5.5 I	ug/L	5	SW8270C	7 Jan Ø4	JG
2,4-Dinitrophenol	51-28-5	< 11 I	ug/L	1Ø	SW8270C	7 Jan Ø4	JG
2,4-Dinitrotoluene	121-14-2	< 4.2 I	ug/L	3.8	SW8270C	7 Jan Ø4	JG
2,6-Dinitrotoluene	606-20-2	< 1.1 I	ug/L	1	SW8270C	7 Jan Ø4	JG
Diphenylamine	122-39-4	< 8.9 I	ug/L	8.1	SW8270C	7 Jan Ø4	JG
1,2-Diphenylhydrazine	122-66-7	< 1.5 I	ug/L	1.4	SW8270C	7 Jan Ø4	JG
Ethyl Methanesulfonate	62-50-Ø	< 1.1 I	ug/L	1	SW8270C	7 Jan Ø4	JG
Fluoranthene	2Ø6-44-Ø	3.1	ug/L	1.6	SW8270C	7 Jan Ø4	JG
Fluorene	86-73-7	< 1.8 I	ug/L	1.6	SW8270C	7 Jan Ø4	JG
Hexachlorobenzene	118-74-1	< 2 I	ug/L	1.8	SW8270C	7 Jan Ø4	JG
Hexachlorobutadiene	87-68-3	< 1.6 I	ug/L	1.5	SW8270C	7 Jan Ø4	JG
Hexachlorocyclopentadiene	77-47-4	< 5.3 I	ug/L	4.8	SW8270C	7 Jan Ø4	JG
Hexachloroethane	67-72-1	< 1.4 I	ug/L	1.3	SW8270C	7 Jan Ø4	JG
Indeno(1,2,3-cd)pyrene	193-39-5	< 1.5 I	ug/L	1.4	SW8270C	7 Jan Ø4	JG
Isophorone	78-59-1	< 1.8 I	ug/L	1.6	SW8270C	7 Jan Ø4	JG
Methyl Methanesulfonate	66-27-3	< 1.1 I	ug/L	1	SW8270C	7 Jan Ø4	JG
2-Methyl phenol	95-48-7	< 3.7 I	ug/L	3.4	SW8270C	7 Jan Ø4	JG
4-Methyl phenol	1Ø6-44-5	< 2.2 I	ug/L	2	SW8270C	7 Jan Ø4	JG
2-Methyl-4,6-dinitrophenol	534-52-1	< 6.5 I	ug/L	5.9	SW8270C	7 Jan Ø4	JG
3-Methylcholanthrene	56-49-5	< 5.9 I	ug/L	5.4	SW8270C	7 Jan Ø4	JG
2-Methylnaphthalene	91-57-6	< 2.2 I	ug/L	2	SW8270C	7 Jan Ø4	JG
N-Nitroso-di-n-Butylamine	924-16-3	< 1.9 I	ug/L	1.7	SW8270C	7 Jan Ø4	JG

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

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

Report Date: 12 Jan 04
Lab Number: 04-A46
Work Order: 22-0002
Account #: 022015
Sample Matrix: GROUNDWATER
Date Sampled: 30 Dec 03
Sampled By:
Date Received: 2 Jan 04

Project Name: NTS#6388
Project Number: COC#38955
Sample Description: S03365144A
03-14M-100

Temperature at Receipt: 2 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	7 Jan 04	JG
N-Nitrosodimethylamine	62-75-9	< 4.6 !	ug/L	4.2	SW8270C	7 Jan 04	JG
N-Nitrosodiphenylamine	86-30-6	< 8.9 !	ug/L	8.1	SW8270C	7 Jan 04	JG
N-Nitrosopiperidine	100-75-4	< 1.5 !	ug/L	1.4	SW8270C	7 Jan 04	JG
Naphthalene	91-20-3	< 1.8 !	ug/L	1.6	SW8270C	7 Jan 04	JG
1-Naphthylamine	134-32-7	< 3.3 !	ug/L	3	SW8270C	7 Jan 04	JG
2-Naphthylamine	91-59-8	< 4.4 !	ug/L	4	SW8270C	7 Jan 04	JG
2-Nitroaniline	88-74-4	< 1.1 !	ug/L	1	SW8270C	7 Jan 04	JG
3-Nitroaniline	99-09-2	< 1.1 !	ug/L	1	SW8270C	7 Jan 04	JG
4-Nitroaniline	100-01-6	< 5 !	ug/L	4.5	SW8270C	7 Jan 04	JG
Nitrobenzene	98-95-3	< 1.6 !	ug/L	1.5	SW8270C	7 Jan 04	JG
2-Nitrophenol	88-75-5	< 1.6 !	ug/L	1.5	SW8270C	7 Jan 04	JG
4-Nitrophenol	100-02-7	< 11 !	ug/L	10	SW8270C	7 Jan 04	JG
Pentachlorobenzene	608-93-5	< 1.8 !	ug/L	1.6	SW8270C	7 Jan 04	JG
Pentachloronitrobenzene	82-68-8	< 1.4 !	ug/L	1.3	SW8270C	7 Jan 04	JG
Pentachlorophenol	87-86-5	< 6 !	ug/L	5.5	SW8270C	7 Jan 04	JG
Phenacetin	62-44-2	< 1.6 !	ug/L	1.5	SW8270C	7 Jan 04	JG
Phenanthrene	85-01-8	2.9	ug/L	1.6	SW8270C	7 Jan 04	JG
Phenol	108-95-2	< 2.2 !	ug/L	2	SW8270C	7 Jan 04	JG
2-Picoline	109-06-8	< 4.3 !	ug/L	3.9	SW8270C	7 Jan 04	JG
Pronamide	23950-58-5	< 1.6 !	ug/L	1.5	SW8270C	7 Jan 04	JG
Pyrene	129-00-0	2.3	ug/L	1.6	SW8270C	7 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

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MEMBER ACIL

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

Report Date: 12 Jan Ø4
Lab Number: Ø4-A46
Work Order: 22-ØØØ2
Account #: Ø22Ø15
Sample Matrix: GROUNDWATER
Date Sampled: 3Ø Dec Ø3
Sampled By:
Date Received: 2 Jan Ø4

Project Name: NTS#6388
Project Number: COC#38955
Sample Description: SØ3365144A
Ø3-14M-1ØØ

Temperature at Receipt: 2 C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
2,4,5-Tetrachlorobenzene	95-94-3	< 1.6 !	ug/L	1.5	SW8270C	7 Jan Ø4	JG
2,3,4,6-Tetrachlorophenol	58-90-2	< 4.4 !	ug/L	4	SW8270C	7 Jan Ø4	JG
1,2,4-Trichlorobenzene	120-82-1	< 1.8 !	ug/L	1.6	SW8270C	7 Jan Ø4	JG
2,4,5-Trichlorophenol	95-95-4	< 1.6 !	ug/L	1.5	SW8270C	7 Jan Ø4	JG
2,4,6-Trichlorophenol	88-06-2	< 1.6 !	ug/L	1.5	SW8270C	7 Jan Ø4	JG

NITROBENZENE (SURROGATE) RECOVERY: 84 %
2-FLUOROBIPHENYL (SURROGATE) RECOVERY: 86 %
TERPHENYL-d14 (SURROGATE) RECOVERY: 84 %

2-FLUOROPHENOL (SURROGATE) RECOVERY: 63 %
PHENOL-d5 (SURROGATE) RECOVERY: 47 %
2,4,6-TRIBROMOPHENOL (SURROGATE) RECOVERY: 96 %

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

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MEMBER ACIL

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

Report Date: 12 Jan Ø4
Lab Number: Ø4-A45
Work Order #:22-ØØØ2
Account #: Ø22Ø15
Sample Matrix: GROUNDWATER
Date Sampled: 3Ø Dec Ø3
Date Received: 2 Jan Ø4

Project Name: NTS#6388
Project Number: COC#38955
Sample Description: SØ3365144B
Ø3-15M-1ØØ

Temperature at Receipt: 2 C

	As Received Result	Method RL	Method Reference	Date Analyzed	Analyst
608/8081/8082 Extraction				5 Jan Ø4	LM
PCB-1016	< Ø.777 ! ug/L	Ø.7	SW8082	7 Jan Ø4	LM
PCB-1221	< 1.11 ! ug/L	1	SW8082	7 Jan Ø4	LM
PCB-1232	< Ø.666 ! ug/L	Ø.6	SW8082	7 Jan Ø4	LM
PCB-1242	< Ø.666 ! ug/L	Ø.6	SW8082	7 Jan Ø4	LM
PCB-1248	< Ø.888 ! ug/L	Ø.8	SW8082	7 Jan Ø4	LM
PCB-1254	< Ø.666 ! ug/L	Ø.6	SW8082	7 Jan Ø4	LM
PCB-1260	< Ø.333 ! ug/L	Ø.3	SW8082	7 Jan Ø4	LM

2,4,5,6-TETRACHLORO-m-XYLENE (SURROGATE) RECOVERY: 85 %
DECACHLOROBIPHENYL (SURROGATE) RECOVERY: 113 %

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

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Elevated "Less Than Result" (<): @ = Due to sample matrix # = Due to sample concentration
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CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

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

Report Date: 12 Jan 04
Lab Number: 04-A45
Work Order: 22-0002
Account #: 022015
Sample Matrix: GROUNDWATER
Date Sampled: 30 Dec 03
Sampled By:
Date Received: 2 Jan 04

Project Name: NTS#6388
Project Number: COC#38955
Sample Description: S03365144B
03-15M-100

Temperature at Receipt: 2 C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
25/8270 SVMS Extraction						5 Jan 04	Robert L.
Acenaphthene	83-32-9	< 1.8 !	ug/L	1.6	SW8270C	7 Jan 04	JG
Acenaphthylene	208-96-8	< 1.6 !	ug/L	1.5	SW8270C	7 Jan 04	JG
Acetophenone	98-86-2	< 1.6 !	ug/L	1.5	SW8270C	7 Jan 04	JG
4-Aminobiphenyl	92-67-1	< 4.1 !	ug/L	3.7	SW8270C	7 Jan 04	JG
Aniline	62-53-3	< 3.7 !	ug/L	3.4	SW8270C	7 Jan 04	JG
Anthracene	120-12-7	< 1.6 !	ug/L	1.5	SW8270C	7 Jan 04	JG
Benzidine	92-87-5	< 11 !	ug/L	10	SW8270C	7 Jan 04	JG
Benzo(a)anthracene	56-55-3	< 1.5 !	ug/L	1.4	SW8270C	7 Jan 04	JG
Benzo(a)pyrene	50-32-8	< 1.6 !	ug/L	1.5	SW8270C	7 Jan 04	JG
Benzo(b)fluoranthene	205-99-2	< 1.5 !	ug/L	1.4	SW8270C	7 Jan 04	JG
Benzo(ghi)perylene	191-24-2	< 1.6 !	ug/L	1.5	SW8270C	7 Jan 04	JG
Benzo(k)fluoranthene	207-08-9	< 1.8 !	ug/L	1.6	SW8270C	7 Jan 04	JG
Benzoic Acid	65-85-0	< 22 !	ug/L	20	SW8270C	7 Jan 04	JG
Benzyl Alcohol	100-51-6	< 1.1 !	ug/L	1	SW8270C	7 Jan 04	JG
Benzyl Butyl Phthalate	85-68-7	< 1.6 !	ug/L	1.5	SW8270C	7 Jan 04	JG
Bis(2-chloroethoxy)methane	111-91-1	< 1.8 !	ug/L	1.6	SW8270C	7 Jan 04	JG
Bis(2-chloroethyl)ether	111-44-4	< 2.2 !	ug/L	2	SW8270C	7 Jan 04	JG
Bis(2-chloroisopropyl)ether	108-60-1	< 1.4 !	ug/L	1.3	SW8270C	7 Jan 04	JG
Bis(2-ethylhexyl)phthalate	117-81-7	< 2.9 !	ug/L	2.6	SW8270C	7 Jan 04	JG
4-Bromophenyl Phenyl Ether	101-55-3	< 1.9 !	ug/L	1.7	SW8270C	7 Jan 04	JG
4-Chloro-3-methyl phenol	59-50-7	< 1.6 !	ug/L	1.5	SW8270C	7 Jan 04	JG

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

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MEMBER ACIL

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

Report Date: 12 Jan Ø4
Lab Number: Ø4-A45
Work Order: 22-ØØØ2
Account #: Ø22Ø15
Sample Matrix: GROUNDWATER
Date Sampled: 3Ø Dec Ø3
Sampled By:
Date Received: 2 Jan Ø4

Project Name: NTS#6388
Project Number: COC#38955
Sample Description: SØ3365144B
Ø3-15M-1ØØ

Temperature at Receipt: 2 C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
4-Chloroaniline	106-47-8	< 5.5 !	ug/L	5	SW8270C	7 Jan Ø4	JG
1-Chloronaphthalene	90-13-1	< 1.8 !	ug/L	1.5	SW8270C	7 Jan Ø4	JG
2-Chloronaphthalene	91-58-7	< 1.6 !	ug/L	1.5	SW8270C	7 Jan Ø4	JG
2-Chlorophenol	95-57-8	< 2.2 !	ug/L	2	SW8270C	7 Jan Ø4	JG
4-Chlorophenyl Phenyl Ether	7005-72-3	< 1.6 !	ug/L	1.5	SW8270C	7 Jan Ø4	JG
Chrysene	218-01-9	< 1.6 !	ug/L	1.5	SW8270C	7 Jan Ø4	JG
Di-n-butyl phthalate	84-74-2	< 1.9 !	ug/L	1.7	SW8270C	7 Jan Ø4	JG
Di-n-octyl phthalate	117-84-0	< 1.4 !	ug/L	1.3	SW8270C	7 Jan Ø4	JG
Dibenz (a,j) Acridine	224-42-0	< 1.5 !	ug/L	1.4	SW8270C	7 Jan Ø4	JG
Dibenzo(a,h)anthracene	53-70-3	< 1.4 !	ug/L	1.3	SW8270C	7 Jan Ø4	JG
Dibenzofuran	132-64-9	< 1.6 !	ug/L	1.5	SW8270C	7 Jan Ø4	JG
1,2-Dichlorobenzene	95-50-1	< 1.4 !	ug/L	1.3	SW8270C	7 Jan Ø4	JG
1,3-Dichlorobenzene	541-73-1	< 1.4 !	ug/L	1.3	SW8270C	7 Jan Ø4	JG
1,4-Dichlorobenzene	106-46-7	< 1.4 !	ug/L	1.3	SW8270C	7 Jan Ø4	JG
3,3-Dichlorobenzidine	91-94-1	< 5.5 !	ug/L	5	SW8270C	7 Jan Ø4	JG
2,4-Dichlorophenol	120-83-2	< 2.2 !	ug/L	2	SW8270C	7 Jan Ø4	JG
2,6-Dichlorophenol	87-65-0	< 2.2 !	ug/L	2	SW8270C	7 Jan Ø4	JG
Diethyl phthalate	84-66-2	< 1.6 !	ug/L	1.5	SW8270C	7 Jan Ø4	JG
Dimethyl phthalate	131-11-3	< 1.6 !	ug/L	1.5	SW8270C	7 Jan Ø4	JG
p-Dimethylaminoazobenzene	60-11-7	< 4.1 !	ug/L	3.7	SW8270C	7 Jan Ø4	JG
7,12-Dimethylbenz (a) Anthracene	57-97-6	< 1.5 !	ug/L	1.4	SW8270C	7 Jan Ø4	JG
a,a-Dimethylphenethylamine	122-09-8	< 22 !	ug/L	20	SW8270C	7 Jan Ø4	JG

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

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MEMBER ACIL

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

Report Date: 12 Jan Ø4
Lab Number: Ø4-A45
Work Order: 22-ØØØ2
Account #: Ø22Ø15
Sample Matrix: GROUNDWATER
Date Sampled: 3Ø Dec Ø3
Sampled By:
Date Received: 2 Jan Ø4

Project Name: NTS#6388
Project Number: COC#38955
Sample Description: SØ3365144B
Ø3-15M-1ØØ

Temperature at Receipt: 2 C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
,4-Dimethylphenol	105-67-9	< 5.5 !	ug/L	5	SW8270C	7 Jan Ø4	JG
2,4-Dinitrophenol	51-28-5	< 11 !	ug/L	1Ø	SW8270C	7 Jan Ø4	JG
2,4-Dinitrotoluene	121-14-2	< 4.2 !	ug/L	3.8	SW8270C	7 Jan Ø4	JG
,6-Dinitrotoluene	606-20-2	< 1.1 !	ug/L	1	SW8270C	7 Jan Ø4	JG
iphenylamine	122-39-4	< 8.9 !	ug/L	8.1	SW8270C	7 Jan Ø4	JG
1,2-Diphenylhydrazine	122-66-7	< 1.5 !	ug/L	1.4	SW8270C	7 Jan Ø4	JG
thyl Methanesulfonate	62-50-Ø	< 1.1 !	ug/L	1	SW8270C	7 Jan Ø4	JG
luoranthene	206-44-Ø	< 1.8 !	ug/L	1.6	SW8270C	7 Jan Ø4	JG
Fluorene	86-73-7	< 1.8 !	ug/L	1.6	SW8270C	7 Jan Ø4	JG
Hexachlorobenzene	118-74-1	< 2 !	ug/L	1.8	SW8270C	7 Jan Ø4	JG
exachlorobutadiene	87-68-3	< 1.6 !	ug/L	1.5	SW8270C	7 Jan Ø4	JG
exachlorocyclopentadiene	77-47-4	< 5.3 !	ug/L	4.8	SW8270C	7 Jan Ø4	JG
Hexachloroethane	67-72-1	< 1.4 !	ug/L	1.3	SW8270C	7 Jan Ø4	JG
ndeno(1,2,3-cd)pyrene	193-39-5	< 1.5 !	ug/L	1.4	SW8270C	7 Jan Ø4	JG
sophorone	78-59-1	< 1.8 !	ug/L	1.6	SW8270C	7 Jan Ø4	JG
Methyl Methanesulfonate	66-27-3	< 1.1 !	ug/L	1	SW8270C	7 Jan Ø4	JG
-Methyl phenol	95-48-7	< 3.7 !	ug/L	3.4	SW8270C	7 Jan Ø4	JG
-Methyl phenol	106-44-5	< 2.2 !	ug/L	2	SW8270C	7 Jan Ø4	JG
2-Methyl-4,6-dinitrophenol	534-52-1	< 6.5 !	ug/L	5.9	SW8270C	7 Jan Ø4	JG
3-Methylcholanthrene	56-49-5	< 5.9 !	ug/L	5.4	SW8270C	7 Jan Ø4	JG
-Methylnaphthalene	91-57-6	< 2.2 !	ug/L	2	SW8270C	7 Jan Ø4	JG
n-Nitroso-di-n-Butylamine	924-16-3	< 1.9 !	ug/L	1.7	SW8270C	7 Jan Ø4	JG

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CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1Ø13-M ND WW/DW # R-Ø46 IA LAB #: 132

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

Report Date: 12 Jan 04
Lab Number: 04-A45
Work Order: 22-0002
Account #: 022015
Sample Matrix: GROUNDWATER
Date Sampled: 30 Dec 03
Sampled By:
Date Received: 2 Jan 04

Project Name: NTS#6388
Project Number: COC#38955
Sample Description: S03365144B
03-15M-100

Temperature at Receipt: 2 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	7 Jan 04	JG
N-Nitrosodimethylamine	62-75-9	< 4.6 !	ug/L	4.2	SW8270C	7 Jan 04	JG
N-Nitrosodiphenylamine	86-30-6	< 8.9 !	ug/L	8.1	SW8270C	7 Jan 04	JG
N-Nitrosopiperidine	100-75-4	< 1.5 !	ug/L	1.4	SW8270C	7 Jan 04	JG
Naphthalene	91-20-3	< 1.8 !	ug/L	1.6	SW8270C	7 Jan 04	JG
1-Naphthylamine	134-32-7	< 3.3 !	ug/L	3	SW8270C	7 Jan 04	JG
2-Naphthylamine	91-59-8	< 4.4 !	ug/L	4	SW8270C	7 Jan 04	JG
2-Nitroaniline	88-74-4	< 1.1 !	ug/L	1	SW8270C	7 Jan 04	JG
3-Nitroaniline	99-09-2	< 1.1 !	ug/L	1	SW8270C	7 Jan 04	JG
4-Nitroaniline	100-01-6	< 5 !	ug/L	4.5	SW8270C	7 Jan 04	JG
Nitrobenzene	98-95-3	< 1.6 !	ug/L	1.5	SW8270C	7 Jan 04	JG
2-Nitrophenol	88-75-5	< 1.6 !	ug/L	1.5	SW8270C	7 Jan 04	JG
4-Nitrophenol	100-02-7	< 11 !	ug/L	10	SW8270C	7 Jan 04	JG
Pentachlorobenzene	608-93-5	< 1.8 !	ug/L	1.6	SW8270C	7 Jan 04	JG
Pentachloronitrobenzene	82-68-8	< 1.4 !	ug/L	1.3	SW8270C	7 Jan 04	JG
Pentachlorophenol	87-86-5	< 6 !	ug/L	5.5	SW8270C	7 Jan 04	JG
Phenacetin	62-44-2	< 1.6 !	ug/L	1.5	SW8270C	7 Jan 04	JG
Phenanthrene	85-01-8	< 1.8 !	ug/L	1.6	SW8270C	7 Jan 04	JG
Phenol	108-95-2	< 2.2 !	ug/L	2	SW8270C	7 Jan 04	JG
2-Picoline	109-06-8	< 4.3 !	ug/L	3.9	SW8270C	7 Jan 04	JG
Pronamide	23950-58-5	< 1.6 !	ug/L	1.5	SW8270C	7 Jan 04	JG
Pyrene	129-00-0	< 1.8 !	ug/L	1.6	SW8270C	7 Jan 04	JG

RL = Reporting Limit

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

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MEMBER ACIL

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

Report Date: 12 Jan Ø4
Lab Number: Ø4-A45
Work Order: 22-ØØØ2
Account #: Ø22Ø15
Sample Matrix: GROUNDWATER
Date Sampled: 3Ø Dec Ø3
Sampled By:
Date Received: 2 Jan Ø4

Project Name: NTS#6388
Project Number: COC#38955
Sample Description: SØ3365144B
Ø3-15M-1ØØ

Temperature at Receipt: 2 C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
,2,4,5-Tetrachlorobenzene	95-94-3	< 1.6 !	ug/L	1.5	SW8270C	7 Jan Ø4	JG
2,3,4,6-Tetrachlorophenol	58-9Ø-2	< 4.4 !	ug/L	4	SW8270C	7 Jan Ø4	JG
1,2,4-Trichlorobenzene	12Ø-82-1	< 1.8 !	ug/L	1.6	SW8270C	7 Jan Ø4	JG
,4,5-Trichlorophenol	95-95-4	< 1.6 !	ug/L	1.5	SW8270C	7 Jan Ø4	JG
,4,6-Trichlorophenol	88-Ø6-2	< 1.6 !	ug/L	1.5	SW8270C	7 Jan Ø4	JG

NITROBENZENE (SURROGATE) RECOVERY: 88 %
2-FLUOROBIPHENYL (SURROGATE) RECOVERY: 87 %
TERPHENYL-d14 (SURROGATE) RECOVERY: 86 %

2-FLUOROPHENOL (SURROGATE) RECOVERY: 68 %
PHENOL-d5 (SURROGATE) RECOVERY: 51 %
2,4,6-TRIBROMOPHENOL (SURROGATE) RECOVERY: 91 %

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

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MEMBER ACIL

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

Project Name: NTS#6388
Project Number: COC#38955
Sample Description: S033651447
Ø3-12M-1ØØ

Report Date: 12 Jan Ø4
Lab Number: Ø4-A49
Work Order #:22-ØØØ2
Account #: Ø22Ø15
Sample Matrix: GROUNDWATER
Date Sampled: 29 Dec Ø3
Date Received: 2 Jan Ø4

Temperature at Receipt: 2 C

	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
608/8081/8082 Extraction					5 Jan Ø4	LM
PCB-1016	< Ø.875 !	ug/L	Ø.7	SW8082	7 Jan Ø4	LM
PCB-1221	< 1.25 !	ug/L	1	SW8082	7 Jan Ø4	LM
PCB-1232	< Ø.75 !	ug/L	Ø.6	SW8082	7 Jan Ø4	LM
PCB-1242	< Ø.75 !	ug/L	Ø.6	SW8082	7 Jan Ø4	LM
PCB-1248	< 1 !	ug/L	Ø.8	SW8082	7 Jan Ø4	LM
PCB-1254	< Ø.75 !	ug/L	Ø.6	SW8082	7 Jan Ø4	LM
PCB-1260	< Ø.375 !	ug/L	Ø.3	SW8082	7 Jan Ø4	LM

2,4,5,6-TETRACHLORO-m-XYLENE (SURROGATE) RECOVERY: 81 %
DECACHLOROBIPHENYL (SURROGATE) RECOVERY: 118 %

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

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

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

Report Date: 12 Jan 04
Lab Number: 04-A49
Work Order: 22-0002
Account #: 022015
Sample Matrix: GROUNDWATER
Date Sampled: 29 Dec 03
Sampled By:
Date Received: 2 Jan 04

Project Name: NTS#6388
Project Number: COC#38955
Sample Description: S033651447
03-12M-100

Temperature at Receipt: 2 C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
25/8270 SVMS Extraction						5 Jan 04	Robert L.
Acenaphthene	83-32-9	< 1.6	ug/L	1.6	SW8270C	7 Jan 04	JG
Acenaphthylene	208-96-8	< 1.5	ug/L	1.5	SW8270C	7 Jan 04	JG
cetophenone	98-86-2	< 1.5	ug/L	1.5	SW8270C	7 Jan 04	JG
-Aminobiphenyl	92-67-1	< 3.7	ug/L	3.7	SW8270C	7 Jan 04	JG
Aniline	62-53-3	< 3.4	ug/L	3.4	SW8270C	7 Jan 04	JG
nthracene	120-12-7	< 1.5	ug/L	1.5	SW8270C	7 Jan 04	JG
enzidine	92-87-5	< 10	ug/L	10	SW8270C	7 Jan 04	JG
Benzo(a)anthracene	56-55-3	< 1.4	ug/L	1.4	SW8270C	7 Jan 04	JG
enzo(a)pyrene	50-32-8	< 1.5	ug/L	1.5	SW8270C	7 Jan 04	JG
enzo(b)fluoranthene	205-99-2	< 1.4	ug/L	1.4	SW8270C	7 Jan 04	JG
enzo(ghi)perylene	191-24-2	< 1.5	ug/L	1.5	SW8270C	7 Jan 04	JG
Benzo(k)fluoranthene	207-08-9	< 1.6	ug/L	1.6	SW8270C	7 Jan 04	JG
enzoic Acid	65-85-0	< 20	ug/L	20	SW8270C	7 Jan 04	JG
enzyl Alcohol	100-51-6	< 1	ug/L	1	SW8270C	7 Jan 04	JG
Benzyl Butyl Phthalate	85-68-7	< 1.5	ug/L	1.5	SW8270C	7 Jan 04	JG
is(2-chloroethoxy)methane	111-91-1	< 1.6	ug/L	1.6	SW8270C	7 Jan 04	JG
is(2-chloroethyl)ether	111-44-4	< 2	ug/L	2	SW8270C	7 Jan 04	JG
Bis(2-chloroisopropyl)ether	108-60-1	< 1.3	ug/L	1.3	SW8270C	7 Jan 04	JG
Bis(2-ethylhexyl)phthalate	117-81-7	< 2.6	ug/L	2.6	SW8270C	7 Jan 04	JG
-Bromophenyl Phenyl Ether	101-55-3	< 1.7	ug/L	1.7	SW8270C	7 Jan 04	JG
-Chloro-3-methyl phenol	59-50-7	< 1.5	ug/L	1.5	SW8270C	7 Jan 04	JG

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

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

Report Date: 12 Jan 04
Lab Number: 04-A49
Work Order: 22-0002
Account #: 022015
Sample Matrix: GROUNDWATER
Date Sampled: 29 Dec 03
Sampled By:
Date Received: 2 Jan 04

Project Name: NTS#6388
Project Number: COC#38955
Sample Description: S033651447
03-12M-100

Temperature at Receipt: 2 C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
4-Chloroaniline	106-47-8	< 5	ug/L	5	SW8270C	7 Jan 04	JG
1-Chloronaphthalene	90-13-1	< 1.5	ug/L	1.5	SW8270C	7 Jan 04	JG
2-Chloronaphthalene	91-58-7	< 1.5	ug/L	1.5	SW8270C	7 Jan 04	JG
2-Chlorophenol	95-57-8	< 2	ug/L	2	SW8270C	7 Jan 04	JG
4-Chlorophenyl Phenyl Ether	7005-72-3	< 1.5	ug/L	1.5	SW8270C	7 Jan 04	JG
Chrysene	218-01-9	< 1.5	ug/L	1.5	SW8270C	7 Jan 04	JG
Di-n-butyl phthalate	84-74-2	< 1.7	ug/L	1.7	SW8270C	7 Jan 04	JG
Di-n-octyl phthalate	117-84-0	< 1.3	ug/L	1.3	SW8270C	7 Jan 04	JG
Dibenz (a,j) Acridine	224-42-0	< 1.4	ug/L	1.4	SW8270C	7 Jan 04	JG
Dibenzo(a,h)anthracene	53-70-3	< 1.3	ug/L	1.3	SW8270C	7 Jan 04	JG
Dibenzofuran	132-64-9	< 1.5	ug/L	1.5	SW8270C	7 Jan 04	JG
1,2-Dichlorobenzene	95-50-1	< 1.3	ug/L	1.3	SW8270C	7 Jan 04	JG
1,3-Dichlorobenzene	541-73-1	< 1.3	ug/L	1.3	SW8270C	7 Jan 04	JG
1,4-Dichlorobenzene	106-46-7	< 1.3	ug/L	1.3	SW8270C	7 Jan 04	JG
3,3-Dichlorobenzidine	91-94-1	< 5	ug/L	5	SW8270C	7 Jan 04	JG
2,4-Dichlorophenol	120-83-2	< 2	ug/L	2	SW8270C	7 Jan 04	JG
2,6-Dichlorophenol	87-65-0	< 2	ug/L	2	SW8270C	7 Jan 04	JG
Diethyl phthalate	84-66-2	< 1.5	ug/L	1.5	SW8270C	7 Jan 04	JG
Dimethyl phthalate	131-11-3	< 1.5	ug/L	1.5	SW8270C	7 Jan 04	JG
p-Dimethylaminazobenzene	60-11-7	< 3.7	ug/L	3.7	SW8270C	7 Jan 04	JG
7,12-Dimethylbenz (a) Anthracene	57-97-6	< 1.4	ug/L	1.4	SW8270C	7 Jan 04	JG
a,a-Dimethylphenethylamine	122-09-8	< 20	ug/L	20	SW8270C	7 Jan 04	JG

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CERTIFICATION: MN LAB # 027-015-125 WI LAB # 999447680 ND MICRO # 1013-M ND WW/DW # R-046 IA LAB #: 132

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

Report Date: 12 Jan 04
Lab Number: 04-A49
Work Order: 22-0002
Account #: 022015
Sample Matrix: GROUNDWATER
Date Sampled: 29 Dec 03
Sampled By:
Date Received: 2 Jan 04

Project Name: NTS#6388
Project Number: COC#38955
Sample Description: S033651447
03-12M-100

Temperature at Receipt: 2 C

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

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

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

Report Date: 12 Jan 04
Lab Number: 04-A49
Work Order: 22-0002
Account #: 022015
Sample Matrix: GROUNDWATER
Date Sampled: 29 Dec 03
Sampled By:
Date Received: 2 Jan 04

Project Name: NTS#6388
Project Number: COC#38955
Sample Description: S033651447
03-12M-100

Temperature at Receipt: 2 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	7 Jan 04	JG
N-Nitrosodimethylamine	62-75-9	< 4.2	ug/L	4.2	SW8270C	7 Jan 04	JG
N-Nitrosodiphenylamine	86-30-6	< 8.1	ug/L	8.1	SW8270C	7 Jan 04	JG
N-Nitrosopiperidine	100-75-4	< 1.4	ug/L	1.4	SW8270C	7 Jan 04	JG
Naphthalene	91-20-3	< 1.6	ug/L	1.6	SW8270C	7 Jan 04	JG
1-Naphthylamine	134-32-7	< 3	ug/L	3	SW8270C	7 Jan 04	JG
2-Naphthylamine	91-59-8	< 4	ug/L	4	SW8270C	7 Jan 04	JG
2-Nitroaniline	88-74-4	< 1	ug/L	1	SW8270C	7 Jan 04	JG
3-Nitroaniline	99-09-2	< 1	ug/L	1	SW8270C	7 Jan 04	JG
4-Nitroaniline	100-01-6	< 4.5	ug/L	4.5	SW8270C	7 Jan 04	JG
Nitrobenzene	98-95-3	< 1.5	ug/L	1.5	SW8270C	7 Jan 04	JG
2-Nitrophenol	88-75-5	< 1.5	ug/L	1.5	SW8270C	7 Jan 04	JG
4-Nitrophenol	100-02-7	< 10	ug/L	10	SW8270C	7 Jan 04	JG
Pentachlorobenzene	608-93-5	< 1.6	ug/L	1.6	SW8270C	7 Jan 04	JG
Pentachloronitrobenzene	82-68-8	< 1.3	ug/L	1.3	SW8270C	7 Jan 04	JG
Pentachlorophenol	87-86-5	< 5.5	ug/L	5.5	SW8270C	7 Jan 04	JG
Phenacetin	62-44-2	< 1.5	ug/L	1.5	SW8270C	7 Jan 04	JG
Phenanthrene	85-01-8	< 1.6	ug/L	1.6	SW8270C	7 Jan 04	JG
Phenol	108-95-2	< 2	ug/L	2	SW8270C	7 Jan 04	JG
2-Picoline	109-06-8	< 3.9	ug/L	3.9	SW8270C	7 Jan 04	JG
Pronamide	23950-58-5	< 1.5	ug/L	1.5	SW8270C	7 Jan 04	JG
Pyrene	129-00-0	< 1.6	ug/L	1.6	SW8270C	7 Jan 04	JG

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

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

Report Date: 12 Jan 04
Lab Number: 04-A49
Work Order: 22-0002
Account #: 022015
Sample Matrix: GROUNDWATER
Date Sampled: 29 Dec 03
Sampled By:
Date Received: 2 Jan 04

Project Name: NTS#6388
Project Number: COC#38955
Sample Description: S033651447
03-12M-100

Temperature at Receipt: 2 C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
,2,4,5-Tetrachlorobenzene	95-94-3	< 1.5	ug/L	1.5	SW8270C	7 Jan 04	JG
2,3,4,6-Tetrachlorophenol	58-90-2	< 4	ug/L	4	SW8270C	7 Jan 04	JG
1,2,4-Trichlorobenzene	120-82-1	< 1.6	ug/L	1.6	SW8270C	7 Jan 04	JG
,4,5-Trichlorophenol	95-95-4	< 1.5	ug/L	1.5	SW8270C	7 Jan 04	JG
,4,6-Trichlorophenol	88-06-2	< 1.5	ug/L	1.5	SW8270C	7 Jan 04	JG

NITROBENZENE (SURROGATE) RECOVERY: 86 %
2-FLUOROBIPHENYL (SURROGATE) RECOVERY: 90 %
TERPHENYL-d14 (SURROGATE) RECOVERY: 83 %

2-FLUOROPHENOL (SURROGATE) RECOVERY: 66 %
PHENOL-d5 (SURROGATE) RECOVERY: 49 %
2,4,6-TRIBROMOPHENOL (SURROGATE) RECOVERY: 85 %

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 # 027-015-125 WI LAB # 999447680 ND MICRO # 1013-M ND WW/DW # R-046 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.
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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: 12 Jan Ø4
Lab Number: Ø4-A48
Work Order #:22-ØØØ2
Account #: Ø22Ø15
Sample Matrix: GROUNDWATER
Date Sampled: 29 Dec Ø3
Date Received: 2 Jan Ø4

Project Name: NTS#6388
Project Number: COC#38955
Sample Description: SØ33651448
Ø3-13M-1ØØ

Temperature at Receipt: 2 C

	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
6Ø8/8Ø81/8Ø82 Extraction					5 Jan Ø4	LM
PCB-1Ø16	< Ø.7	ug/L	Ø.7	SW8Ø82	7 Jan Ø4	LM
PCB-1221	< 1	ug/L	1	SW8Ø82	7 Jan Ø4	LM
PCB-1232	< Ø.6	ug/L	Ø.6	SW8Ø82	7 Jan Ø4	LM
PCB-1242	< Ø.6	ug/L	Ø.6	SW8Ø82	7 Jan Ø4	LM
PCB-1248	< Ø.8	ug/L	Ø.8	SW8Ø82	7 Jan Ø4	LM
PCB-1254	< Ø.6	ug/L	Ø.6	SW8Ø82	7 Jan Ø4	LM
PCB-126Ø	< Ø.3	ug/L	Ø.3	SW8Ø82	7 Jan Ø4	LM

2,4,5,6-TETRACHLORO-m-XYLENE (SURROGATE) RECOVERY: 93 %
DECACHLOROBIPHENYL (SURROGATE) RECOVERY: 1Ø3 %

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

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MEMBER ACIL

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

Report Date: 12 Jan 04
Lab Number: 04-A48
Work Order: 22-0002
Account #: 022015
Sample Matrix: GROUNDWATER
Date Sampled: 29 Dec 03
Sampled By:
Date Received: 2 Jan 04

Project Name: NTS#6388
Project Number: COC#38955
Sample Description: S033651448
03-13M-100

Temperature at Receipt: 2 C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
25/8270 SVMS Extraction						5 Jan 04	Robert L.
cenaphthene	83-32-9	< 1.6	ug/L	1.6	SW8270C	7 Jan 04	JG
Acenaphthylene	208-96-8	< 1.5	ug/L	1.5	SW8270C	7 Jan 04	JG
cetophenone	98-86-2	< 1.5	ug/L	1.5	SW8270C	7 Jan 04	JG
-Aminobiphenyl	92-67-1	< 3.7	ug/L	3.7	SW8270C	7 Jan 04	JG
Aniline	62-53-3	< 3.4	ug/L	3.4	SW8270C	7 Jan 04	JG
nthracene	120-12-7	< 1.5	ug/L	1.5	SW8270C	7 Jan 04	JG
enzidine	92-87-5	< 10	ug/L	10	SW8270C	7 Jan 04	JG
Benzo(a)anthracene	56-55-3	< 1.4	ug/L	1.4	SW8270C	7 Jan 04	JG
Benzo(a)pyrene	50-32-8	< 1.5	ug/L	1.5	SW8270C	7 Jan 04	JG
enzo(b)fluoranthene	205-99-2	< 1.4	ug/L	1.4	SW8270C	7 Jan 04	JG
enzo(ghi)perylene	191-24-2	< 1.5	ug/L	1.5	SW8270C	7 Jan 04	JG
Benzo(k)fluoranthene	207-08-9	< 1.6	ug/L	1.6	SW8270C	7 Jan 04	JG
enzoic Acid	65-85-0	< 20	ug/L	20	SW8270C	7 Jan 04	JG
enzyl Alcohol	100-51-6	< 1	ug/L	1	SW8270C	7 Jan 04	JG
Benzyl Butyl Phthalate	85-68-7	< 1.5	ug/L	1.5	SW8270C	7 Jan 04	JG
Bis(2-chloroethoxy)methane	111-91-1	< 1.6	ug/L	1.6	SW8270C	7 Jan 04	JG
is(2-chloroethyl)ether	111-44-4	< 2	ug/L	2	SW8270C	7 Jan 04	JG
bis(2-chloroisopropyl)ether	108-60-1	< 1.3	ug/L	1.3	SW8270C	7 Jan 04	JG
Bis(2-ethylhexyl)phthalate	117-81-7	< 2.6	ug/L	2.6	SW8270C	7 Jan 04	JG
-Bromophenyl Phenyl Ether	101-55-3	< 1.7	ug/L	1.7	SW8270C	7 Jan 04	JG
-Chloro-3-methyl phenol	59-50-7	< 1.5	ug/L	1.5	SW8270C	7 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-048 IA LAB #: 132

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MEMBER ACIL

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

Report Date: 12 Jan Ø4
Lab Number: Ø4-A48
Work Order: 22-ØØØ2
Account #: Ø22Ø15
Sample Matrix: GROUNDWATER
Date Sampled: 29 Dec Ø3
Sampled By:
Date Received: 2 Jan Ø4

Project Name: NTS#6388
Project Number: COC#38955
Sample Description: SØ33651448
Ø3-13M-1ØØ

Temperature at Receipt: 2 C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
4-Chloroaniline	1Ø6-47-8	< 5	ug/L	5	SW8270C	7 Jan Ø4	JG
1-Chloronaphthalene	9Ø-13-1	< 1.5	ug/L	1.5	SW8270C	7 Jan Ø4	JG
2-Chloronaphthalene	91-58-7	< 1.5	ug/L	1.5	SW8270C	7 Jan Ø4	JG
2-Chlorophenol	95-57-8	< 2	ug/L	2	SW8270C	7 Jan Ø4	JG
4-Chlorophenyl Phenyl Ether	7ØØ5-72-3	< 1.5	ug/L	1.5	SW8270C	7 Jan Ø4	JG
Chrysene	218-Ø1-9	< 1.5	ug/L	1.5	SW8270C	7 Jan Ø4	JG
Di-n-butyl phthalate	84-74-2	< 1.7	ug/L	1.7	SW8270C	7 Jan Ø4	JG
Di-n-octyl phthalate	117-84-Ø	< 1.3	ug/L	1.3	SW8270C	7 Jan Ø4	JG
Dibenz (a,j) Acridine	224-42-Ø	< 1.4	ug/L	1.4	SW8270C	7 Jan Ø4	JG
Dibenzo(a,h)anthracene	53-7Ø-3	< 1.3	ug/L	1.3	SW8270C	7 Jan Ø4	JG
Dibenzofuran	132-64-9	< 1.5	ug/L	1.5	SW8270C	7 Jan Ø4	JG
1,2-Dichlorobenzene	95-5Ø-1	< 1.3	ug/L	1.3	SW8270C	7 Jan Ø4	JG
1,3-Dichlorobenzene	541-73-1	< 1.3	ug/L	1.3	SW8270C	7 Jan Ø4	JG
1,4-Dichlorobenzene	1Ø6-46-7	< 1.3	ug/L	1.3	SW8270C	7 Jan Ø4	JG
3,3-Dichlorobenzidine	91-94-1	< 5	ug/L	5	SW8270C	7 Jan Ø4	JG
2,4-Dichlorophenol	12Ø-83-2	< 2	ug/L	2	SW8270C	7 Jan Ø4	JG
2,6-Dichlorophenol	87-65-Ø	< 2	ug/L	2	SW8270C	7 Jan Ø4	JG
Diethyl phthalate	84-66-2	< 1.5	ug/L	1.5	SW8270C	7 Jan Ø4	JG
Dimethyl phthalate	131-11-3	< 1.5	ug/L	1.5	SW8270C	7 Jan Ø4	JG
p-Dimethylaminazobenzene	6Ø-11-7	< 3.7	ug/L	3.7	SW8270C	7 Jan Ø4	JG
7,12-Dimethylbenz (a) Anthracene	57-97-6	< 1.4	ug/L	1.4	SW8270C	7 Jan Ø4	JG
a,a-Dimethylphenethylamine	122-Ø9-8	< 2Ø	ug/L	2Ø	SW8270C	7 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 # 999447688Ø ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

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MEMBER ACIL

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

Report Date: 12 Jan 04
Lab Number: 04-A48
Work Order: 22-0002
Account #: 022015
Sample Matrix: GROUNDWATER
Date Sampled: 29 Dec 03
Sampled By:
Date Received: 2 Jan 04

Project Name: NTS#6388
Project Number: COC#38955
Sample Description: S033651448
03-13M-100

Temperature at Receipt: 2 C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
,4-Dimethylphenol	105-67-9	< 5	ug/L	5	SW8270C	7 Jan 04	JG
2,4-Dinitrophenol	51-28-5	< 10	ug/L	10	SW8270C	7 Jan 04	JG
2,4-Dinitrotoluene	121-14-2	< 3.8	ug/L	3.8	SW8270C	7 Jan 04	JG
,6-Dinitrotoluene	606-20-2	< 1	ug/L	1	SW8270C	7 Jan 04	JG
iphenylamine	122-39-4	< 8.1	ug/L	8.1	SW8270C	7 Jan 04	JG
1,2-Diphenylhydrazine	122-66-7	< 1.4	ug/L	1.4	SW8270C	7 Jan 04	JG
thyl Methanesulfonate	62-50-0	< 1	ug/L	1	SW8270C	7 Jan 04	JG
luoranthene	206-44-0	< 1.6	ug/L	1.6	SW8270C	7 Jan 04	JG
Fluorene	86-73-7	< 1.6	ug/L	1.6	SW8270C	7 Jan 04	JG
Hexachlorobenzene	118-74-1	< 1.8	ug/L	1.8	SW8270C	7 Jan 04	JG
exachlorobutadiene	87-68-3	< 1.5	ug/L	1.5	SW8270C	7 Jan 04	JG
exachlorocyclopentadiene	77-47-4	< 4.8	ug/L	4.8	SW8270C	7 Jan 04	JG
Hexachloroethane	67-72-1	< 1.3	ug/L	1.3	SW8270C	7 Jan 04	JG
ndeno(1,2,3-cd)pyrene	193-39-5	< 1.4	ug/L	1.4	SW8270C	7 Jan 04	JG
sophorone	78-59-1	< 1.6	ug/L	1.6	SW8270C	7 Jan 04	JG
Methyl Methanesulfonate	66-27-3	< 1	ug/L	1	SW8270C	7 Jan 04	JG
-Methyl phenol	95-48-7	< 3.4	ug/L	3.4	SW8270C	7 Jan 04	JG
-Methyl phenol	106-44-5	< 2	ug/L	2	SW8270C	7 Jan 04	JG
2-Methyl-4,6-dinitrophenol	534-52-1	< 5.9	ug/L	5.9	SW8270C	7 Jan 04	JG
3-Methylcholanthrene	56-49-5	< 5.4	ug/L	5.4	SW8270C	7 Jan 04	JG
-Methylnaphthalene	91-57-6	< 2	ug/L	2	SW8270C	7 Jan 04	JG
-Nitroso-di-n-Butylamine	924-16-3	< 1.7	ug/L	1.7	SW8270C	7 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

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MEMBER ACIL

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

Report Date: 12 Jan Ø4
Lab Number: Ø4-A48
Work Order: 22-ØØØ2
Account #: Ø22Ø15
Sample Matrix: GROUNDWATER
Date Sampled: 29 Dec Ø3
Sampled By:
Date Received: 2 Jan Ø4

Project Name: NTS#6388
Project Number: COC#38955
Sample Description: SØ33651448
Ø3-13M-1ØØ

Temperature at Receipt: 2 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	7 Jan Ø4	JG
N-Nitrosodimethylamine	62-75-9	< 4.2	ug/L	4.2	SW8270C	7 Jan Ø4	JG
N-Nitrosodiphenylamine	86-30-6	< 8.1	ug/L	8.1	SW8270C	7 Jan Ø4	JG
N-Nitrosopiperidine	100-75-4	< 1.4	ug/L	1.4	SW8270C	7 Jan Ø4	JG
Naphthalene	91-20-3	< 1.6	ug/L	1.6	SW8270C	7 Jan Ø4	JG
1-Naphthylamine	134-32-7	< 3	ug/L	3	SW8270C	7 Jan Ø4	JG
2-Naphthylamine	91-59-8	< 4	ug/L	4	SW8270C	7 Jan Ø4	JG
2-Nitroaniline	88-74-4	< 1	ug/L	1	SW8270C	7 Jan Ø4	JG
3-Nitroaniline	99-09-2	< 1	ug/L	1	SW8270C	7 Jan Ø4	JG
4-Nitroaniline	100-01-6	< 4.5	ug/L	4.5	SW8270C	7 Jan Ø4	JG
Nitrobenzene	98-95-3	< 1.5	ug/L	1.5	SW8270C	7 Jan Ø4	JG
2-Nitrophenol	88-75-5	< 1.5	ug/L	1.5	SW8270C	7 Jan Ø4	JG
4-Nitrophenol	100-02-7	< 10	ug/L	10	SW8270C	7 Jan Ø4	JG
Pentachlorobenzene	608-93-5	< 1.6	ug/L	1.6	SW8270C	7 Jan Ø4	JG
Pentachloronitrobenzene	82-68-8	< 1.3	ug/L	1.3	SW8270C	7 Jan Ø4	JG
Pentachlorophenol	87-86-5	< 5.5	ug/L	5.5	SW8270C	7 Jan Ø4	JG
Phenacetin	62-44-2	< 1.5	ug/L	1.5	SW8270C	7 Jan Ø4	JG
Phenanthrene	85-01-8	< 1.6	ug/L	1.6	SW8270C	7 Jan Ø4	JG
Phenol	108-95-2	< 2	ug/L	2	SW8270C	7 Jan Ø4	JG
2-Picoline	109-06-8	< 3.9	ug/L	3.9	SW8270C	7 Jan Ø4	JG
Pronamide	23950-58-5	< 1.5	ug/L	1.5	SW8270C	7 Jan Ø4	JG
Pyrene	129-00-0	< 1.6	ug/L	1.6	SW8270C	7 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 # 1913-M ND WW/DW # R-Ø4Ø IA LAB #: 132

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

Report Date: 12 Jan Ø4
Lab Number: Ø4-A48
Work Order: 22-ØØØ2
Account #: Ø22Ø15
Sample Matrix: GROUNDWATER
Date Sampled: 29 Dec Ø3
Sampled By:
Date Received: 2 Jan Ø4

Project Name: NTS#6388
Project Number: COC#38955
Sample Description: SØ33651448
Ø3-13M-1ØØ

Temperature at Receipt: 2 C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
,2,4,5-Tetrachlorobenzene	95-94-3	< 1.5	ug/L	1.5	SW8270C	7 Jan Ø4	JG
2,3,4,6-Tetrachlorophenol	58-90-2	< 4	ug/L	4	SW8270C	7 Jan Ø4	JG
1,2,4-Trichlorobenzene	120-82-1	< 1.6	ug/L	1.6	SW8270C	7 Jan Ø4	JG
,4,5-Trichlorophenol	95-95-4	< 1.5	ug/L	1.5	SW8270C	7 Jan Ø4	JG
2,4,6-Trichlorophenol	88-06-2	< 1.5	ug/L	1.5	SW8270C	7 Jan Ø4	JG

NITROBENZENE (SURROGATE) RECOVERY: 82 %
2-FLUOROBIPHENYL (SURROGATE) RECOVERY: 87 %
TERPHENYL-d14 (SURROGATE) RECOVERY: 74 %

2-FLUOROPHENOL (SURROGATE) RECOVERY: 62 %
PHENOL-d5 (SURROGATE) RECOVERY: 47 %
2,4,6-TRIBROMOPHENOL (SURROGATE) RECOVERY: 75 %

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 # 1013-M ND WW/DW # R-040 IA LAB #: 132

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MEMBER ACIL

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

Report Date: 12 Jan Ø4
Lab Number: Ø4-A47
Work Order #:22-ØØØ2
Account #: Ø22Ø15
Sample Matrix: GROUNDWATER
Date Sampled: 29 Dec Ø3
Date Received: 2 Jan Ø4

Project Name: NTS#6388
Project Number: COC#38955
Sample Description: SØ33651449
Ø3-13M-2ØØ

Temperature at Receipt: 2 C

	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
6ØØ/8ØØ1/8ØØ2 Extraction					5 Jan Ø4	LM
PCB-1Ø16	< Ø.7	ug/L	Ø.7	SW8ØØ2	7 Jan Ø4	LM
PCB-1221	< 1	ug/L	1	SW8ØØ2	7 Jan Ø4	LM
PCB-1232	< Ø.6	ug/L	Ø.6	SW8ØØ2	7 Jan Ø4	LM
PCB-1242	< Ø.6	ug/L	Ø.6	SW8ØØ2	7 Jan Ø4	LM
PCB-1248	< Ø.8	ug/L	Ø.8	SW8ØØ2	7 Jan Ø4	LM
PCB-1254	< Ø.6	ug/L	Ø.6	SW8ØØ2	7 Jan Ø4	LM
PCB-126Ø	< Ø.3	ug/L	Ø.3	SW8ØØ2	7 Jan Ø4	LM

2,4,5,6-TETRACHLORO-m-XYLENE (SURROGATE) RECOVERY: 79 %
DECACHLOROBIPHENYL (SURROGATE) RECOVERY: 138 %

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

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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: 12 Jan 04
Lab Number: 04-A47
Work Order: 22-0002
Account #: 022015
Sample Matrix: GROUNDWATER
Date Sampled: 29 Dec 03
Sampled By:
Date Received: 2 Jan 04

Project Name: NTS#6388
Project Number: COC#38955
Sample Description: S033651449
03-13M-200

Temperature at Receipt: 2 C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
25/8270 SVMS Extraction						5 Jan 04	Robert L.
Acenaphthene	83-32-9	< 1.8 !	ug/L	1.6	SW8270C	7 Jan 04	JG
Acenaphthylene	208-96-8	< 1.6 !	ug/L	1.5	SW8270C	7 Jan 04	JG
cetophenone	98-86-2	< 1.6 !	ug/L	1.5	SW8270C	7 Jan 04	JG
-Aminobiphenyl	92-67-1	< 4.1 !	ug/L	3.7	SW8270C	7 Jan 04	JG
Aniline	62-53-3	< 3.7 !	ug/L	3.4	SW8270C	7 Jan 04	JG
nthracene	120-12-7	< 1.6 !	ug/L	1.5	SW8270C	7 Jan 04	JG
enzidine	92-87-5	< 11 !	ug/L	10	SW8270C	7 Jan 04	JG
Benzo(a)anthracene	56-55-3	< 1.5 !	ug/L	1.4	SW8270C	7 Jan 04	JG
Benzo(a)pyrene	50-32-8	< 1.6 !	ug/L	1.5	SW8270C	7 Jan 04	JG
enzo(b)fluoranthene	205-99-2	< 1.5 !	ug/L	1.4	SW8270C	7 Jan 04	JG
enzo(ghi)perylene	191-24-2	< 1.6 !	ug/L	1.5	SW8270C	7 Jan 04	JG
Benzo(k)fluoranthene	207-08-9	< 1.8 !	ug/L	1.6	SW8270C	7 Jan 04	JG
enzoic Acid	65-85-0	< 22 !	ug/L	20	SW8270C	7 Jan 04	JG
enzyl Alcohol	100-51-6	< 1.1 !	ug/L	1	SW8270C	7 Jan 04	JG
Benzyl Butyl Phthalate	85-68-7	< 1.6 !	ug/L	1.5	SW8270C	7 Jan 04	JG
is(2-chloroethoxy)methane	111-91-1	< 1.8 !	ug/L	1.6	SW8270C	7 Jan 04	JG
is(2-chloroethyl)ether	111-44-4	< 2.2 !	ug/L	2	SW8270C	7 Jan 04	JG
Bis(2-chloroisopropyl)ether	108-60-1	< 1.4 !	ug/L	1.3	SW8270C	7 Jan 04	JG
Bis(2-ethylhexyl)phthalate	117-81-7	< 2.9 !	ug/L	2.6	SW8270C	7 Jan 04	JG
-Bromophenyl Phenyl Ether	101-55-3	< 1.9 !	ug/L	1.7	SW8270C	7 Jan 04	JG
-Chloro-3-methyl phenol	59-50-7	< 1.6 !	ug/L	1.5	SW8270C	7 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-046 IA LAB #: 132

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MEMBER ACIL

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

Report Date: 12 Jan 04
Lab Number: 04-A47
Work Order: 22-0002
Account #: 022015
Sample Matrix: GROUNDWATER
Date Sampled: 29 Dec 03
Sampled By:
Date Received: 2 Jan 04

Project Name: NTS#6388
Project Number: COC#38955
Sample Description: S033651449
03-13M-200

Temperature at Receipt: 2 C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
4-Chloroaniline	106-47-8	< 5.5 !	ug/L	5	SW8270C	7 Jan 04	JG
1-Chloronaphthalene	90-13-1	< 1.6 !	ug/L	1.5	SW8270C	7 Jan 04	JG
2-Chloronaphthalene	91-58-7	< 1.6 !	ug/L	1.5	SW8270C	7 Jan 04	JG
2-Chlorophenol	95-57-8	< 2.2 !	ug/L	2	SW8270C	7 Jan 04	JG
4-Chlorophenyl Phenyl Ether	7005-72-3	< 1.6 !	ug/L	1.5	SW8270C	7 Jan 04	JG
Chrysene	218-01-9	< 1.6 !	ug/L	1.5	SW8270C	7 Jan 04	JG
Di-n-butyl phthalate	84-74-2	< 1.9 !	ug/L	1.7	SW8270C	7 Jan 04	JG
Di-n-octyl phthalate	117-84-0	< 1.4 !	ug/L	1.3	SW8270C	7 Jan 04	JG
Dibenz (a,j) Acridine	224-42-0	< 1.5 !	ug/L	1.4	SW8270C	7 Jan 04	JG
Dibenzo(a,h)anthracene	53-70-3	< 1.4 !	ug/L	1.3	SW8270C	7 Jan 04	JG
Dibenzofuran	132-64-9	< 1.6 !	ug/L	1.5	SW8270C	7 Jan 04	JG
1,2-Dichlorobenzene	95-50-1	< 1.4 !	ug/L	1.3	SW8270C	7 Jan 04	JG
1,3-Dichlorobenzene	541-73-1	< 1.4 !	ug/L	1.3	SW8270C	7 Jan 04	JG
1,4-Dichlorobenzene	106-46-7	< 1.4 !	ug/L	1.3	SW8270C	7 Jan 04	JG
3,3-Dichlorobenzidine	91-94-1	< 5.5 !	ug/L	5	SW8270C	7 Jan 04	JG
2,4-Dichlorophenol	120-83-2	< 2.2 !	ug/L	2	SW8270C	7 Jan 04	JG
2,6-Dichlorophenol	87-65-0	< 2.2 !	ug/L	2	SW8270C	7 Jan 04	JG
Diethyl phthalate	84-66-2	< 1.6 !	ug/L	1.5	SW8270C	7 Jan 04	JG
Dimethyl phthalate	131-11-3	< 1.6 !	ug/L	1.5	SW8270C	7 Jan 04	JG
p-Dimethylaminazobenzene	60-11-7	< 4.1 !	ug/L	3.7	SW8270C	7 Jan 04	JG
7,12-Dimethylbenz (a) Anthracene	57-97-6	< 1.5 !	ug/L	1.4	SW8270C	7 Jan 04	JG
a,a-Dimethylphenethylamine	122-09-8	< 22 !	ug/L	20	SW8270C	7 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

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MEMBER ACIL

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

Report Date: 12 Jan Ø4
Lab Number: Ø4-A47
Work Order: 22-ØØØ2
Account #: Ø22Ø15
Sample Matrix: GROUNDWATER
Date Sampled: 29 Dec Ø3
Sampled By:
Date Received: 2 Jan Ø4

Project Name: NTS#6388
Project Number: COC#38955
Sample Description: SØ33651449
Ø3-13M-2ØØ

Temperature at Receipt: 2 C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
,4-Dimethylphenol	105-67-9	< 5.5 !	ug/L	5	SW8270C	7 Jan Ø4	JG
2,4-Dinitrophenol	51-28-5	< 11 !	ug/L	10	SW8270C	7 Jan Ø4	JG
2,4-Dinitrotoluene	121-14-2	< 4.2 !	ug/L	3.8	SW8270C	7 Jan Ø4	JG
,6-Dinitrotoluene	606-20-2	< 1.1 !	ug/L	1	SW8270C	7 Jan Ø4	JG
iphenylamine	122-39-4	< 8.9 !	ug/L	8.1	SW8270C	7 Jan Ø4	JG
1,2-Diphenylhydrazine	122-66-7	< 1.5 !	ug/L	1.4	SW8270C	7 Jan Ø4	JG
thyl Methanesulfonate	62-50-0	< 1.1 !	ug/L	1	SW8270C	7 Jan Ø4	JG
luoranthene	206-44-0	< 1.8 !	ug/L	1.6	SW8270C	7 Jan Ø4	JG
Fluorene	86-73-7	< 1.8 !	ug/L	1.6	SW8270C	7 Jan Ø4	JG
Hexachlorobenzene	118-74-1	< 2 !	ug/L	1.8	SW8270C	7 Jan Ø4	JG
exachlorobutadiene	87-68-3	< 1.6 !	ug/L	1.5	SW8270C	7 Jan Ø4	JG
exachlorocyclopentadiene	77-47-4	< 5.3 !	ug/L	4.8	SW8270C	7 Jan Ø4	JG
Hexachloroethane	67-72-1	< 1.4 !	ug/L	1.3	SW8270C	7 Jan Ø4	JG
ndeno(1,2,3-cd)pyrene	193-39-5	< 1.5 !	ug/L	1.4	SW8270C	7 Jan Ø4	JG
sophorone	78-59-1	< 1.8 !	ug/L	1.6	SW8270C	7 Jan Ø4	JG
Methyl Methanesulfonate	66-27-3	< 1.1 !	ug/L	1	SW8270C	7 Jan Ø4	JG
-Methyl phenol	95-48-7	< 3.7 !	ug/L	3.4	SW8270C	7 Jan Ø4	JG
-Methyl phenol	106-44-5	< 2.2 !	ug/L	2	SW8270C	7 Jan Ø4	JG
2-Methyl-4,6-dinitrophenol	534-52-1	< 6.5 !	ug/L	5.9	SW8270C	7 Jan Ø4	JG
3-Methylcholanthrene	56-49-5	< 5.9 !	ug/L	5.4	SW8270C	7 Jan Ø4	JG
-Methylnaphthalene	91-57-6	< 2.2 !	ug/L	2	SW8270C	7 Jan Ø4	JG
-Nitroso-di-n-Butylamine	924-16-3	< 1.9 !	ug/L	1.7	SW8270C	7 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

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MEMBER ACIL

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

Report Date: 12 Jan 04
Lab Number: 04-A47
Work Order: 22-0002
Account #: 022015
Sample Matrix: GROUNDWATER
Date Sampled: 29 Dec 03
Sampled By:
Date Received: 2 Jan 04

Project Name: NTS#6388
Project Number: COC#38955
Sample Description: S033651449
03-13M-200

Temperature at Receipt: 2 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	7 Jan 04	JG
N-Nitrosodimethylamine	62-75-9	< 4.6 !	ug/L	4.2	SW8270C	7 Jan 04	JG
N-Nitrosodiphenylamine	86-30-6	< 8.9 !	ug/L	8.1	SW8270C	7 Jan 04	JG
N-Nitrosopiperidine	100-75-4	< 1.5 !	ug/L	1.4	SW8270C	7 Jan 04	JG
Naphthalene	91-20-3	< 1.8 !	ug/L	1.6	SW8270C	7 Jan 04	JG
1-Naphthylamine	134-32-7	< 3.3 !	ug/L	3	SW8270C	7 Jan 04	JG
2-Naphthylamine	91-59-8	< 4.4 !	ug/L	4	SW8270C	7 Jan 04	JG
2-Nitroaniline	88-74-4	< 1.1 !	ug/L	1	SW8270C	7 Jan 04	JG
3-Nitroaniline	99-09-2	< 1.1 !	ug/L	1	SW8270C	7 Jan 04	JG
4-Nitroaniline	100-01-6	< 5 !	ug/L	4.5	SW8270C	7 Jan 04	JG
Nitrobenzene	98-95-3	< 1.6 !	ug/L	1.5	SW8270C	7 Jan 04	JG
2-Nitrophenol	88-75-5	< 1.6 !	ug/L	1.5	SW8270C	7 Jan 04	JG
4-Nitrophenol	100-02-7	< 11 !	ug/L	10	SW8270C	7 Jan 04	JG
Pentachlorobenzene	608-93-5	< 1.8 !	ug/L	1.6	SW8270C	7 Jan 04	JG
Pentachloronitrobenzene	82-68-8	< 1.4 !	ug/L	1.3	SW8270C	7 Jan 04	JG
Pentachlorophenol	87-86-5	< 6 !	ug/L	5.5	SW8270C	7 Jan 04	JG
Phenacetin	62-44-2	< 1.6 !	ug/L	1.5	SW8270C	7 Jan 04	JG
Phenanthrene	85-01-8	< 1.8 !	ug/L	1.6	SW8270C	7 Jan 04	JG
Phenol	108-95-2	< 2.2 !	ug/L	2	SW8270C	7 Jan 04	JG
2-Picoline	109-06-8	< 4.3 !	ug/L	3.9	SW8270C	7 Jan 04	JG
Pronamide	23950-58-5	< 1.6 !	ug/L	1.5	SW8270C	7 Jan 04	JG
Pyrene	129-00-0	< 1.8 !	ug/L	1.6	SW8270C	7 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

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MEMBER ACIL

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

Report Date: 12 Jan Ø4
Lab Number: Ø4-A47
Work Order: 22-ØØØ2
Account #: Ø22Ø15
Sample Matrix: GROUNDWATER
Date Sampled: 29 Dec Ø3
Sampled By:
Date Received: 2 Jan Ø4

Project Name: NTS#6388
Project Number: COC#38955
Sample Description: SØ33651449
Ø3-13M-2ØØ

Temperature at Receipt: 2 C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
,2,4,5-Tetrachlorobenzene	95-94-3	< 1.6 !	ug/L	1.5	SW8270C	7 Jan Ø4	JG
2,3,4,6-Tetrachlorophenol	58-9Ø-2	< 4.4 !	ug/L	4	SW8270C	7 Jan Ø4	JG
1,2,4-Trichlorobenzene	12Ø-82-1	< 1.8 !	ug/L	1.6	SW8270C	7 Jan Ø4	JG
,4,5-Trichlorophenol	95-95-4	< 1.6 !	ug/L	1.5	SW8270C	7 Jan Ø4	JG
,4,6-Trichlorophenol	88-Ø6-2	< 1.6 !	ug/L	1.5	SW8270C	7 Jan Ø4	JG

NITROBENZENE (SURROGATE) RECOVERY: 87 %
2-FLUOROBIPHENYL (SURROGATE) RECOVERY: 87 %
TERPHENYL-d14 (SURROGATE) RECOVERY: 7Ø %

2-FLUOROPHENOL (SURROGATE) RECOVERY: 62 %
PHENOL-d5 (SURROGATE) RECOVERY: 46 %
2,4,6-TRIBROMOPHENOL (SURROGATE) RECOVERY: 83 %

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

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MEMBER ACIL

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

Report Date: 12 Jan Ø4
Lab Number: Ø4-A44
Work Order #:22-ØØØ2
Account #: Ø22Ø15
Sample Matrix: GROUNDWATER
Date Sampled: 3Ø Dec Ø3
Date Received: 2 Jan Ø4

Project Name: NTS#6388
Project Number: COC#38955
Sample Description: SØ33651450
Ø3-16M-1ØØ

Temperature at Receipt: 2 C

	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
6Ø8/8Ø81/8Ø82 Extraction					5 Jan Ø4	LM
PCB-1Ø16	< Ø.7	ug/L	Ø.7	SW8Ø82	7 Jan Ø4	LM
PCB-1221	< 1	ug/L	1	SW8Ø82	7 Jan Ø4	LM
PCB-1232	< Ø.6	ug/L	Ø.6	SW8Ø82	7 Jan Ø4	LM
PCB-1242	< Ø.6	ug/L	Ø.6	SW8Ø82	7 Jan Ø4	LM
PCB-1248	< Ø.8	ug/L	Ø.8	SW8Ø82	7 Jan Ø4	LM
PCB-1254	< Ø.6	ug/L	Ø.6	SW8Ø82	7 Jan Ø4	LM
PCB-126Ø	< Ø.3	ug/L	Ø.3	SW8Ø82	7 Jan Ø4	LM

2,4,5,6-TETRACHLORO-m-XYLENE (SURROGATE) RECOVERY: 79 %
DECACHLOROBIPHENYL (SURROGATE) RECOVERY: 1Ø9 %

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

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MEMBER ACIL

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

Report Date: 12 Jan 04
Lab Number: 04-A44
Work Order: 22-0002
Account #: 022015
Sample Matrix: GROUNDWATER
Date Sampled: 30 Dec 03
Sampled By:
Date Received: 2 Jan 04

Project Name: NTS#6388
Project Number: COC#38955
Sample Description: S033651450
03-16M-100

Temperature at Receipt: 2 C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
25/8270 SVMS Extraction						5 Jan 04	Robert L.
Acenaphthene	83-32-9	< 1.6	ug/L	1.6	SW8270C	7 Jan 04	JG
Acenaphthylene	208-96-8	< 1.5	ug/L	1.5	SW8270C	7 Jan 04	JG
cetophenone	98-86-2	< 1.5	ug/L	1.5	SW8270C	7 Jan 04	JG
-Aminobiphenyl	92-67-1	< 3.7	ug/L	3.7	SW8270C	7 Jan 04	JG
Aniline	62-53-3	< 3.4	ug/L	3.4	SW8270C	7 Jan 04	JG
nthracene	120-12-7	< 1.5	ug/L	1.5	SW8270C	7 Jan 04	JG
enzidine	92-87-5	< 10	ug/L	10	SW8270C	7 Jan 04	JG
Benzo(a)anthracene	56-55-3	< 1.4	ug/L	1.4	SW8270C	7 Jan 04	JG
enzo(a)pyrene	50-32-8	< 1.5	ug/L	1.5	SW8270C	7 Jan 04	JG
enzo(b)fluoranthene	205-99-2	< 1.4	ug/L	1.4	SW8270C	7 Jan 04	JG
Benzo(ghi)perylene	191-24-2	< 1.5	ug/L	1.5	SW8270C	7 Jan 04	JG
Benzo(k)fluoranthene	207-08-9	< 1.6	ug/L	1.6	SW8270C	7 Jan 04	JG
enzoic Acid	65-85-0	< 20	ug/L	20	SW8270C	7 Jan 04	JG
enzyl Alcohol	100-51-6	< 1	ug/L	1	SW8270C	7 Jan 04	JG
Benzyl Butyl Phthalate	85-68-7	< 1.5	ug/L	1.5	SW8270C	7 Jan 04	JG
is(2-chloroethoxy)methane	111-91-1	< 1.6	ug/L	1.6	SW8270C	7 Jan 04	JG
is(2-chloroethyl)ether	111-44-4	< 2	ug/L	2	SW8270C	7 Jan 04	JG
Bis(2-chloroisopropyl)ether	108-60-1	< 1.3	ug/L	1.3	SW8270C	7 Jan 04	JG
is(2-ethylhexyl)phthalate	117-81-7	< 2.6	ug/L	2.6	SW8270C	7 Jan 04	JG
-Bromophenyl Phenyl Ether	101-55-3	< 1.7	ug/L	1.7	SW8270C	7 Jan 04	JG
4-Chloro-3-methyl phenol	59-50-7	< 1.5	ug/L	1.5	SW8270C	7 Jan 04	JG

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix # = Due to sample concentration
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CERTIFICATION: MN LAB # 027-015-125 WI LAB # 999447680 ND MICRO # 1013-M ND WW/DW # R-040 IA LAB #: 132

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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: 12 Jan Ø4
Lab Number: Ø4-A44
Work Order: 22-ØØØ2
Account #: Ø22Ø15
Sample Matrix: GROUNDWATER
Date Sampled: 3Ø Dec Ø3
Sampled By:
Date Received: 2 Jan Ø4

Project Name: NTS#6388
Project Number: COC#38955
Sample Description: SØ33651450
Ø3-16M-1ØØ

Temperature at Receipt: 2 C

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

RL = Reporting Limit

Elevated "Less Than Result" (<): @ = Due to sample matrix # = Due to sample concentration
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CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1Ø13-M ND WW/DW # R-040 IA LAB #: 132

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MEMBER ACIL

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

Report Date: 12 Jan Ø4
Lab Number: Ø4-A44
Work Order: 22-ØØØ2
Account #: Ø22Ø15
Sample Matrix: GROUNDWATER
Date Sampled: 3Ø Dec Ø3
Sampled By:
Date Received: 2 Jan Ø4

Project Name: NTS#6388
Project Number: COC#38955
Sample Description: SØ33651450
Ø3-16M-1ØØ

Temperature at Receipt: 2 C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
,4-Dimethylphenol	105-67-9	< 5	ug/L	5	SW8270C	7 Jan Ø4	JG
2,4-Dinitrophenol	51-28-5	< 1Ø	ug/L	1Ø	SW8270C	7 Jan Ø4	JG
2,4-Dinitrotoluene	121-14-2	< 3.8	ug/L	3.8	SW8270C	7 Jan Ø4	JG
,6-Dinitrotoluene	6Ø6-2Ø-2	< 1	ug/L	1	SW8270C	7 Jan Ø4	JG
iphenylamine	122-39-4	< 8.1	ug/L	8.1	SW8270C	7 Jan Ø4	JG
1,2-Diphenylhydrazine	122-66-7	< 1.4	ug/L	1.4	SW8270C	7 Jan Ø4	JG
thyl Methanesulfonate	62-5Ø-Ø	< 1	ug/L	1	SW8270C	7 Jan Ø4	JG
luoranthene	2Ø6-44-Ø	< 1.6	ug/L	1.6	SW8270C	7 Jan Ø4	JG
Fluorene	86-73-7	< 1.6	ug/L	1.6	SW8270C	7 Jan Ø4	JG
Hexachlorobenzene	118-74-1	< 1.8	ug/L	1.8	SW8270C	7 Jan Ø4	JG
exachlorobutadiene	87-68-3	< 1.5	ug/L	1.5	SW8270C	7 Jan Ø4	JG
exachlorocyclopentadiene	77-47-4	< 4.8	ug/L	4.8	SW8270C	7 Jan Ø4	JG
Hexachloroethane	67-72-1	< 1.3	ug/L	1.3	SW8270C	7 Jan Ø4	JG
ndeno(1,2,3-cd)pyrene	193-39-5	< 1.4	ug/L	1.4	SW8270C	7 Jan Ø4	JG
sophorone	78-59-1	< 1.6	ug/L	1.6	SW8270C	7 Jan Ø4	JG
Methyl Methanesulfonate	66-27-3	< 1	ug/L	1	SW8270C	7 Jan Ø4	JG
-Methyl phenol	95-48-7	< 3.4	ug/L	3.4	SW8270C	7 Jan Ø4	JG
-Methyl phenol	1Ø6-44-5	< 2	ug/L	2	SW8270C	7 Jan Ø4	JG
2-Methyl-4,6-dinitrophenol	534-52-1	< 5.9	ug/L	5.9	SW8270C	7 Jan Ø4	JG
3-Methylcholanthrene	56-49-5	< 5.4	ug/L	5.4	SW8270C	7 Jan Ø4	JG
-Methylnaphthalene	91-57-6	< 2	ug/L	2	SW8270C	7 Jan Ø4	JG
-Nitroso-di-n-Butylamine	924-16-3	< 1.7	ug/L	1.7	SW8270C	7 Jan Ø4	JG

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

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

Report Date: 12 Jan 04
Lab Number: 04-A44
Work Order: 22-0002
Account #: 022015
Sample Matrix: GROUNDWATER
Date Sampled: 30 Dec 03
Sampled By:
Date Received: 2 Jan 04

Project Name: NTS#6388
Project Number: COC#38955
Sample Description: S033651450
03-16M-100

Temperature at Receipt: 2 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	7 Jan 04	JG
N-Nitrosodimethylamine	62-75-9	< 4.2	ug/L	4.2	SW8270C	7 Jan 04	JG
N-Nitrosodiphenylamine	86-30-6	< 8.1	ug/L	8.1	SW8270C	7 Jan 04	JG
N-Nitrosopiperidine	100-75-4	< 1.4	ug/L	1.4	SW8270C	7 Jan 04	JG
Naphthalene	91-20-3	< 1.6	ug/L	1.6	SW8270C	7 Jan 04	JG
1-Naphthylamine	134-32-7	< 3	ug/L	3	SW8270C	7 Jan 04	JG
2-Naphthylamine	91-59-8	< 4	ug/L	4	SW8270C	7 Jan 04	JG
2-Nitroaniline	88-74-4	< 1	ug/L	1	SW8270C	7 Jan 04	JG
3-Nitroaniline	99-09-2	< 1	ug/L	1	SW8270C	7 Jan 04	JG
4-Nitroaniline	100-01-6	< 4.5	ug/L	4.5	SW8270C	7 Jan 04	JG
Nitrobenzene	98-95-3	< 1.5	ug/L	1.5	SW8270C	7 Jan 04	JG
2-Nitrophenol	88-75-5	< 1.5	ug/L	1.5	SW8270C	7 Jan 04	JG
4-Nitrophenol	100-02-7	< 10	ug/L	10	SW8270C	7 Jan 04	JG
Pentachlorobenzene	608-93-5	< 1.6	ug/L	1.6	SW8270C	7 Jan 04	JG
Pentachloronitrobenzene	82-68-8	< 1.3	ug/L	1.3	SW8270C	7 Jan 04	JG
Pentachlorophenol	87-86-5	< 5.5	ug/L	5.5	SW8270C	7 Jan 04	JG
Phenacetin	62-44-2	< 1.5	ug/L	1.5	SW8270C	7 Jan 04	JG
Phenanthrene	85-01-8	< 1.6	ug/L	1.6	SW8270C	7 Jan 04	JG
Phenol	108-95-2	< 2	ug/L	2	SW8270C	7 Jan 04	JG
2-Picoline	109-06-8	< 3.9	ug/L	3.9	SW8270C	7 Jan 04	JG
Pronamide	23950-58-5	< 1.5	ug/L	1.5	SW8270C	7 Jan 04	JG
Pyrene	129-00-0	< 1.6	ug/L	1.6	SW8270C	7 Jan 04	JG

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NORTHEAST TECHNICAL SERVICES
PO BOX 1142
VIRGINIA MN 55792-1142

Report Date: 12 Jan Ø4
Lab Number: Ø4-A44
Work Order: 22-ØØØ2
Account #: Ø22Ø15
Sample Matrix: GROUNDWATER
Date Sampled: 3Ø Dec Ø3
Sampled By:
Date Received: 2 Jan Ø4

Project Name: NTS#6388
Project Number: COC#38955
Sample Description: SØ3365145Ø
Ø3-16M-1ØØ

Temperature at Receipt: 2 C

	CAS #	As Received Result		Method RL	Method Reference	Date Analyzed	Analyst
,2,4,5-Tetrachlorobenzene	95-94-3	< 1.5	ug/L	1.5	SW8270C	7 Jan Ø4	JG
2,3,4,6-Tetrachlorophenol	58-9Ø-2	< 4	ug/L	4	SW8270C	7 Jan Ø4	JG
1,2,4-Trichlorobenzene	12Ø-82-1	< 1.6	ug/L	1.6	SW8270C	7 Jan Ø4	JG
,4,5-Trichlorophenol	95-95-4	< 1.5	ug/L	1.5	SW8270C	7 Jan Ø4	JG
,4,6-Trichlorophenol	88-Ø6-2	< 1.5	ug/L	1.5	SW8270C	7 Jan Ø4	JG

NITROBENZENE (SURROGATE) RECOVERY: 86 %
2-FLUOROBIPHENYL (SURROGATE) RECOVERY: 89 %
TERPHENYL-d14 (SURROGATE) RECOVERY: 79 %

2-FLUOROPHENOL (SURROGATE) RECOVERY: 64 %
PHENOL-d5 (SURROGATE) RECOVERY: 48 %
2,4,6-TRIBROMOPHENOL (SURROGATE) RECOVERY: 9Ø %

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

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Elevated "Less Than Result" (<): @ = Due to sample matrix
! = Due to sample quantity
= Due to sample concentration
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CERTIFICATION: MN LAB # Ø27-Ø15-125 WI LAB # 999447680 ND MICRO # 1Ø13-M ND WW/DW # R-Ø4Ø IA LAB #: 132

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