

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Watertown

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Watertown, WI 53094

Tel: 800-833-7036

TestAmerica Job ID: WUI0232

Client Project/Site: Madison - Kipp

Client Project Description: Madison Kipp

For:

RJN ENVIRONMENTAL SERVICES, LLC

4631 County Road A

Oregon, WI 53575

Attn: Mr. Robert Nauta



Authorized for release by:

09/14/2011 11:47:14 AM

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Project Manager

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Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Detection Summary	4
Client Sample Results	5
Surrogate Summary	8
QC Sample Results	9
QC Association Summary	15
Lab Chronicle	16
Certification Summary	17
Method Summary	18
Sample Summary	19
Chain of Custody	20

Definitions/Glossary

Client: RJN ENVIRONMENTAL SERVICES, LLC
Project/Site: Madison - Kipp

TestAmerica Job ID: WUI0232

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit (Dioxin)
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or method detection limit if shown)
PQL	Practical Quantitation Limit
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: RJN ENVIRONMENTAL SERVICES, LLC
Project/Site: Madison - Kipp

TestAmerica Job ID: WUI0232

Client Sample ID: MW-9D

Lab Sample ID: WUI0232-01

No Detections

Client Sample ID: MW-9D2

Lab Sample ID: WUI0232-02

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	12		2.0	0.50	ug/L	1.0		SW 8260B	Total
Methyl tert-Butyl Ether	7.4		2.0	0.50	ug/L	1.0		SW 8260B	Total
Tetrachloroethene	29		2.0	0.50	ug/L	1.0		SW 8260B	Total
Trichloroethene	5.0		2.0	0.20	ug/L	1.0		SW 8260B	Total

Client Sample Results

Client: RJN ENVIRONMENTAL SERVICES, LLC
 Project/Site: Madison - Kipp

TestAmerica Job ID: WUI0232

Client Sample ID: MW-9D

Lab Sample ID: WUI0232-01

Date Collected: 09/09/11 09:45

Matrix: Ground Water

Date Received: 09/09/11 11:40

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
Bromobenzene	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
Bromochloromethane	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
Bromodichloromethane	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
Bromoform	<0.20		5.0	0.20	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
Bromomethane	<0.50		5.0	0.50	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
n-Butylbenzene	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
sec-Butylbenzene	<0.25		2.0	0.25	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
tert-Butylbenzene	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
Carbon Tetrachloride	<0.80		2.0	0.80	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
Chlorobenzene	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
Chlorodibromomethane	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
Chloroethane	<1.0		5.0	1.0	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
Chloroform	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
Chloromethane	<0.30		2.0	0.30	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
2-Chlorotoluene	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
4-Chlorotoluene	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
1,2-Dibromo-3-chloropropane	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
1,2-Dibromoethane (EDB)	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
Dibromomethane	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
1,2-Dichlorobenzene	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
1,3-Dichlorobenzene	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
1,4-Dichlorobenzene	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
Dichlorodifluoromethane	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
1,1-Dichloroethane	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
1,2-Dichloroethane	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
1,1-Dichloroethene	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
cis-1,2-Dichloroethene	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
trans-1,2-Dichloroethene	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
1,2-Dichloropropane	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
1,3-Dichloropropane	<0.25		2.0	0.25	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
2,2-Dichloropropane	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
1,1-Dichloropropene	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
cis-1,3-Dichloropropene	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
trans-1,3-Dichloropropene	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
Isopropyl Ether	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
Ethylbenzene	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
Hexachlorobutadiene	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
Isopropylbenzene	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
p-Isopropyltoluene	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
Methylene Chloride	<1.0		2.0	1.0	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
Methyl tert-Butyl Ether	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
Naphthalene	<0.25		5.0	0.25	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
n-Propylbenzene	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
Styrene	<0.50		5.0	0.50	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
1,1,1,2-Tetrachloroethane	<0.25		2.0	0.25	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
1,1,1,2,2-Tetrachloroethane	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
Tetrachloroethene	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
Toluene	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
1,2,3-Trichlorobenzene	<0.25		2.0	0.25	ug/L		09/13/11 12:00	09/14/11 06:05	1.0

Client Sample Results

Client: RJN ENVIRONMENTAL SERVICES, LLC
 Project/Site: Madison - Kipp

TestAmerica Job ID: WUI0232

Client Sample ID: MW-9D

Lab Sample ID: WUI0232-01

Date Collected: 09/09/11 09:45

Matrix: Ground Water

Date Received: 09/09/11 11:40

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.25		2.0	0.25	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
1,1,1-Trichloroethane	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
1,1,2-Trichloroethane	<0.25		2.0	0.25	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
Trichloroethene	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
Trichlorofluoromethane	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
1,2,3-Trichloropropane	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
1,2,4-Trimethylbenzene	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
1,3,5-Trimethylbenzene	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
Vinyl chloride	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
Xylenes, Total	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/14/11 06:05	1.0
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane	103		80 - 120				09/13/11 12:00	09/14/11 06:05	1.0
Toluene-d8	100		80 - 120				09/13/11 12:00	09/14/11 06:05	1.0
4-Bromofluorobenzene	100		80 - 120				09/13/11 12:00	09/14/11 06:05	1.0

Client Sample ID: MW-9D2

Lab Sample ID: WUI0232-02

Date Collected: 09/09/11 10:45

Matrix: Ground Water

Date Received: 09/09/11 11:40

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
Bromobenzene	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
Bromochloromethane	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
Bromodichloromethane	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
Bromoform	<0.20		5.0	0.20	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
Bromomethane	<0.50		5.0	0.50	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
n-Butylbenzene	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
sec-Butylbenzene	<0.25		2.0	0.25	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
tert-Butylbenzene	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
Carbon Tetrachloride	<0.80		2.0	0.80	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
Chlorobenzene	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
Chlorodibromomethane	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
Chloroethane	<1.0		5.0	1.0	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
Chloroform	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
Chloromethane	<0.30		2.0	0.30	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
2-Chlorotoluene	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
4-Chlorotoluene	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
1,2-Dibromo-3-chloropropane	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
1,2-Dibromoethane (EDB)	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
Dibromomethane	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
1,2-Dichlorobenzene	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
1,3-Dichlorobenzene	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
1,4-Dichlorobenzene	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
Dichlorodifluoromethane	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
1,1-Dichloroethane	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
1,2-Dichloroethane	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
1,1-Dichloroethene	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
cis-1,2-Dichloroethene	12		2.0	0.50	ug/L		09/13/11 12:00	09/14/11 05:39	1.0

Client Sample Results

Client: RJN ENVIRONMENTAL SERVICES, LLC
 Project/Site: Madison - Kipp

TestAmerica Job ID: WUI0232

Client Sample ID: MW-9D2

Lab Sample ID: WUI0232-02

Date Collected: 09/09/11 10:45

Matrix: Ground Water

Date Received: 09/09/11 11:40

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
1,2-Dichloropropane	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
1,3-Dichloropropane	<0.25		2.0	0.25	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
2,2-Dichloropropane	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
1,1-Dichloropropene	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
cis-1,3-Dichloropropene	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
trans-1,3-Dichloropropene	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
Isopropyl Ether	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
Ethylbenzene	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
Hexachlorobutadiene	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
Isopropylbenzene	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
p-Isopropyltoluene	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
Methylene Chloride	<1.0		2.0	1.0	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
Methyl tert-Butyl Ether	7.4		2.0	0.50	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
Naphthalene	<0.25		5.0	0.25	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
n-Propylbenzene	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
Styrene	<0.50		5.0	0.50	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
1,1,1,2-Tetrachloroethane	<0.25		2.0	0.25	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
1,1,2,2-Tetrachloroethane	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
Tetrachloroethene	29		2.0	0.50	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
Toluene	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
1,2,3-Trichlorobenzene	<0.25		2.0	0.25	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
1,2,4-Trichlorobenzene	<0.25		2.0	0.25	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
1,1,1-Trichloroethane	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
1,1,2-Trichloroethane	<0.25		2.0	0.25	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
Trichloroethene	5.0		2.0	0.20	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
Trichlorofluoromethane	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
1,2,3-Trichloropropane	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
1,2,4-Trimethylbenzene	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
1,3,5-Trimethylbenzene	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
Vinyl chloride	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
Xylenes, Total	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/14/11 05:39	1.0
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane	102		80 - 120				09/13/11 12:00	09/14/11 05:39	1.0
Toluene-d8	100		80 - 120				09/13/11 12:00	09/14/11 05:39	1.0
4-Bromofluorobenzene	100		80 - 120				09/13/11 12:00	09/14/11 05:39	1.0

Surrogate Summary

Client: RJN ENVIRONMENTAL SERVICES, LLC
Project/Site: Madison - Kipp

TestAmerica Job ID: WUI0232

Method: SW 8260B - VOCs by SW8260B

Matrix: Ground Water

Prep Type: Total

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		DBFM (80-120)	TOL (80-120)	BFB (80-120)
WUI0232-01	MW-9D	103	100	100
WUI0232-02	MW-9D2	102	100	100

Surrogate Legend

DBFM = Dibromofluoromethane
TOL = Toluene-d8
BFB = 4-Bromofluorobenzene

Method: SW 8260B - VOCs by SW8260B

Matrix: Water - NonPotable

Prep Type: Total

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		DBFM (80-120)	TOL (80-120)	BFB (80-120)
11I0125-BLK1	Method Blank	102	100	100
11I0125-BS1	Lab Control Sample	100	100	99
11I0125-MS1	Matrix Spike	101	100	100
11I0125-MSD1	Matrix Spike Duplicate	100	100	99

Surrogate Legend

DBFM = Dibromofluoromethane
TOL = Toluene-d8
BFB = 4-Bromofluorobenzene

QC Sample Results

Client: RJN ENVIRONMENTAL SERVICES, LLC
 Project/Site: Madison - Kipp

TestAmerica Job ID: WUI0232

Method: SW 8260B - VOCs by SW8260B

Lab Sample ID: 11I0125-BLK1

Matrix: Water - NonPotable

Analysis Batch: U001134

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 11I0125_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
Bromobenzene	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
Bromochloromethane	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
Bromodichloromethane	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
Bromoform	<0.20		5.0	0.20	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
Bromomethane	<0.50		5.0	0.50	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
n-Butylbenzene	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
sec-Butylbenzene	<0.25		2.0	0.25	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
tert-Butylbenzene	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
Carbon Tetrachloride	<0.80		2.0	0.80	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
Chlorobenzene	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
Chlorodibromomethane	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
Chloroethane	<1.0		5.0	1.0	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
Chloroform	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
Chloromethane	<0.30		2.0	0.30	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
2-Chlorotoluene	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
4-Chlorotoluene	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
1,2-Dibromo-3-chloropropane	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
1,2-Dibromoethane (EDB)	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
Dibromomethane	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
1,2-Dichlorobenzene	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
1,3-Dichlorobenzene	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
1,4-Dichlorobenzene	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
Dichlorodifluoromethane	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
1,1-Dichloroethane	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
1,2-Dichloroethane	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
1,1-Dichloroethene	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
cis-1,2-Dichloroethene	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
trans-1,2-Dichloroethene	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
1,2-Dichloropropane	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
1,3-Dichloropropane	<0.25		2.0	0.25	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
2,2-Dichloropropane	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
1,1-Dichloropropene	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
cis-1,3-Dichloropropene	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
trans-1,3-Dichloropropene	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
Isopropyl Ether	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
Ethylbenzene	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
Hexachlorobutadiene	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
Isopropylbenzene	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
p-Isopropyltoluene	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
Methylene Chloride	<1.0		2.0	1.0	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
Methyl tert-Butyl Ether	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
Naphthalene	<0.25		5.0	0.25	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
n-Propylbenzene	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
Styrene	<0.50		5.0	0.50	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
1,1,1,2-Tetrachloroethane	<0.25		2.0	0.25	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
1,1,1,2,2-Tetrachloroethane	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
Tetrachloroethene	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
Toluene	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/13/11 21:43	1.00

QC Sample Results

Client: RJN ENVIRONMENTAL SERVICES, LLC
 Project/Site: Madison - Kipp

TestAmerica Job ID: WUI0232

Method: SW 8260B - VOCs by SW8260B (Continued)

Lab Sample ID: 11I0125-BLK1
Matrix: Water - NonPotable
Analysis Batch: U001134

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11I0125_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.25		2.0	0.25	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
1,2,4-Trichlorobenzene	<0.25		2.0	0.25	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
1,1,1-Trichloroethane	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
1,1,2-Trichloroethane	<0.25		2.0	0.25	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
Trichloroethene	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
Trichlorofluoromethane	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
1,2,3-Trichloropropane	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
1,2,4-Trimethylbenzene	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
1,3,5-Trimethylbenzene	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
Vinyl chloride	<0.20		2.0	0.20	ug/L		09/13/11 12:00	09/13/11 21:43	1.00
Xylenes, Total	<0.50		2.0	0.50	ug/L		09/13/11 12:00	09/13/11 21:43	1.00

Surrogate	Blank % Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	102		80 - 120	09/13/11 12:00	09/13/11 21:43	1.00
Toluene-d8	100		80 - 120	09/13/11 12:00	09/13/11 21:43	1.00
4-Bromofluorobenzene	100		80 - 120	09/13/11 12:00	09/13/11 21:43	1.00

Lab Sample ID: 11I0125-BS1
Matrix: Water - NonPotable
Analysis Batch: U001134

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11I0125_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Benzene	50.000	48.9		ug/L		98	80 - 120
Bromobenzene	50.000	47.8		ug/L		96	80 - 120
Bromochloromethane	50.000	48.8		ug/L		98	80 - 120
Bromodichloromethane	50.000	50.2		ug/L		100	80 - 120
Bromoform	50.000	49.7		ug/L		99	80 - 120
Bromomethane	50.000	46.7		ug/L		93	60 - 140
n-Butylbenzene	50.000	49.7		ug/L		99	80 - 120
sec-Butylbenzene	50.000	49.7		ug/L		99	80 - 120
tert-Butylbenzene	50.000	50.2		ug/L		100	80 - 120
Carbon Tetrachloride	50.000	50.4		ug/L		101	60 - 140
Chlorobenzene	50.000	48.2		ug/L		96	80 - 120
Chlorodibromomethane	50.000	50.5		ug/L		101	80 - 120
Chloroethane	50.000	49.8		ug/L		100	60 - 140
Chloroform	50.000	49.2		ug/L		98	80 - 120
Chloromethane	50.000	48.1		ug/L		96	60 - 140
2-Chlorotoluene	50.000	48.8		ug/L		98	80 - 120
4-Chlorotoluene	50.000	48.0		ug/L		96	80 - 120
1,2-Dibromo-3-chloropropane	50.000	50.4		ug/L		101	60 - 140
1,2-Dibromoethane (EDB)	50.000	49.0		ug/L		98	80 - 120
Dibromomethane	50.000	48.0		ug/L		96	80 - 120
1,2-Dichlorobenzene	50.000	48.3		ug/L		97	80 - 120
1,3-Dichlorobenzene	50.000	47.9		ug/L		96	80 - 120
1,4-Dichlorobenzene	50.000	47.3		ug/L		95	80 - 120
Dichlorodifluoromethane	50.000	51.6		ug/L		103	60 - 140
1,1-Dichloroethane	50.000	50.1		ug/L		100	80 - 120
1,2-Dichloroethane	50.000	48.7		ug/L		97	80 - 120
1,1-Dichloroethene	50.000	50.9		ug/L		102	80 - 120

QC Sample Results

Client: RJN ENVIRONMENTAL SERVICES, LLC
 Project/Site: Madison - Kipp

TestAmerica Job ID: WUI0232

Method: SW 8260B - VOCs by SW8260B (Continued)

Lab Sample ID: 1110125-BS1
Matrix: Water - NonPotable
Analysis Batch: U001134

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 1110125_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec.	
							Limits	
cis-1,2-Dichloroethene	50.000	49.2		ug/L		98	80 - 120	
trans-1,2-Dichloroethene	50.000	49.4		ug/L		99	80 - 120	
1,2-Dichloropropane	50.000	49.4		ug/L		99	80 - 120	
1,3-Dichloropropane	50.000	49.0		ug/L		98	80 - 120	
2,2-Dichloropropane	50.000	45.8		ug/L		92	60 - 140	
1,1-Dichloropropene	50.000	48.9		ug/L		98	80 - 120	
cis-1,3-Dichloropropene	50.000	49.2		ug/L		98	80 - 120	
trans-1,3-Dichloropropene	50.000	48.5		ug/L		97	80 - 120	
Isopropyl Ether	50.000	50.4		ug/L		101	80 - 120	
Ethylbenzene	50.000	48.4		ug/L		97	80 - 120	
Hexachlorobutadiene	50.000	44.5		ug/L		89	60 - 140	
Isopropylbenzene	50.000	49.3		ug/L		99	80 - 120	
p-Isopropyltoluene	50.000	49.4		ug/L		99	80 - 120	
Methylene Chloride	50.000	48.3		ug/L		97	80 - 120	
Methyl tert-Butyl Ether	50.000	49.4		ug/L		99	80 - 120	
Naphthalene	50.000	49.8		ug/L		100	60 - 140	
n-Propylbenzene	50.000	49.4		ug/L		99	80 - 120	
Styrene	50.000	49.1		ug/L		98	80 - 120	
1,1,1,2-Tetrachloroethane	50.000	50.0		ug/L		100	80 - 120	
1,1,1,2-Tetrachloroethane	50.000	47.9		ug/L		96	80 - 120	
Tetrachloroethene	50.000	49.3		ug/L		99	80 - 120	
Toluene	50.000	48.2		ug/L		96	80 - 120	
1,2,3-Trichlorobenzene	50.000	48.5		ug/L		97	80 - 120	
1,2,4-Trichlorobenzene	50.000	49.5		ug/L		99	80 - 120	
1,1,1-Trichloroethane	50.000	50.4		ug/L		101	80 - 120	
1,1,2-Trichloroethane	50.000	49.1		ug/L		98	80 - 120	
Trichloroethene	50.000	49.3		ug/L		99	80 - 120	
Trichlorofluoromethane	50.000	51.3		ug/L		103	80 - 120	
1,2,3-Trichloropropane	50.000	47.8		ug/L		96	80 - 120	
1,2,4-Trimethylbenzene	50.000	48.9		ug/L		98	80 - 120	
1,3,5-Trimethylbenzene	50.000	49.2		ug/L		98	80 - 120	
Vinyl chloride	50.000	50.4		ug/L		101	80 - 120	
Xylenes, Total	150.000	146		ug/L		97	80 - 120	

Surrogate	LCS LCS		Limits
	% Recovery	Qualifier	
Dibromofluoromethane	100		80 - 120
Toluene-d8	100		80 - 120
4-Bromofluorobenzene	99		80 - 120

Lab Sample ID: 1110125-MS1
Matrix: Water - NonPotable
Analysis Batch: U001134

Client Sample ID: Matrix Spike
Prep Type: Total
Prep Batch: 1110125_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike		Unit	D	% Rec	% Rec.	
				Result	Qualifier				Limits	
Benzene	<0.400		100.00	102		ug/L		102	80 - 120	
Bromobenzene	<0.400		100.00	98.1		ug/L		98	80 - 120	
Bromochloromethane	<1.00		100.00	102		ug/L		102	80 - 120	
Bromodichloromethane	<0.400		100.00	103		ug/L		103	80 - 120	
Bromoform	<0.400		100.00	101		ug/L		101	80 - 120	

QC Sample Results

Client: RJN ENVIRONMENTAL SERVICES, LLC
 Project/Site: Madison - Kipp

TestAmerica Job ID: WUI0232

Method: SW 8260B - VOCs by SW8260B (Continued)

Lab Sample ID: 11I0125-MS1
Matrix: Water - NonPotable
Analysis Batch: U001134

Client Sample ID: Matrix Spike
Prep Type: Total
Prep Batch: 11I0125_P

Analyte	Sample	Sample	Spike	Matrix Spike	Matrix Spike	Unit	D	% Rec	% Rec.
	Result	Qualifier	Added	Result	Qualifier				Limits
Bromomethane	<1.00		100.00	103		ug/L		103	60 - 140
n-Butylbenzene	<0.400		100.00	103		ug/L		103	80 - 120
sec-Butylbenzene	<0.500		100.00	103		ug/L		103	80 - 120
tert-Butylbenzene	<0.400		100.00	104		ug/L		104	80 - 120
Carbon Tetrachloride	<1.60		100.00	104		ug/L		104	60 - 140
Chlorobenzene	<0.400		100.00	99.4		ug/L		99	80 - 120
Chlorodibromomethane	<0.400		100.00	103		ug/L		103	80 - 120
Chloroethane	<2.00		100.00	102		ug/L		102	60 - 140
Chloroform	0.660		100.00	103		ug/L		102	80 - 120
Chloromethane	<0.600		100.00	102		ug/L		102	60 - 140
2-Chlorotoluene	<1.00		100.00	101		ug/L		101	80 - 120
4-Chlorotoluene	<0.400		100.00	98.2		ug/L		98	80 - 120
1,2-Dibromo-3-chloropropane	<1.00		100.00	103		ug/L		103	60 - 140
1,2-Dibromoethane (EDB)	<0.400		100.00	100		ug/L		100	80 - 120
Dibromomethane	<0.400		100.00	97.5		ug/L		98	80 - 120
1,2-Dichlorobenzene	<0.400		100.00	98.4		ug/L		98	80 - 120
1,3-Dichlorobenzene	<0.400		100.00	97.6		ug/L		98	80 - 120
1,4-Dichlorobenzene	<1.00		100.00	96.4		ug/L		96	80 - 120
Dichlorodifluoromethane	<1.00		100.00	93.3		ug/L		93	60 - 140
1,1-Dichloroethane	137		100.00	217		ug/L		80	80 - 120
1,2-Dichloroethane	<1.00		100.00	101		ug/L		101	80 - 120
1,1-Dichloroethene	<1.00		100.00	105		ug/L		105	80 - 120
cis-1,2-Dichloroethene	<1.00		100.00	103		ug/L		103	80 - 120
trans-1,2-Dichloroethene	<1.00		100.00	103		ug/L		103	80 - 120
1,2-Dichloropropane	<1.00		100.00	102		ug/L		102	80 - 120
1,3-Dichloropropane	<0.500		100.00	100		ug/L		100	80 - 120
2,2-Dichloropropane	<1.00		100.00	94.5		ug/L		94	60 - 140
1,1-Dichloropropene	<1.00		100.00	101		ug/L		101	80 - 120
cis-1,3-Dichloropropene	<0.400		100.00	102		ug/L		102	80 - 120
trans-1,3-Dichloropropene	<0.400		100.00	99.8		ug/L		100	80 - 120
Isopropyl Ether	<1.00		100.00	104		ug/L		104	80 - 120
Ethylbenzene	<1.00		100.00	100		ug/L		100	80 - 120
Hexachlorobutadiene	<1.00		100.00	94.4		ug/L		94	60 - 140
Isopropylbenzene	<0.400		100.00	102		ug/L		102	80 - 120
p-Isopropyltoluene	<0.400		100.00	103		ug/L		103	80 - 120
Methylene Chloride	<2.00		100.00	99.7		ug/L		100	80 - 120
Methyl tert-Butyl Ether	<1.00		100.00	101		ug/L		101	80 - 120
Naphthalene	<0.500		100.00	99.8		ug/L		100	60 - 140
n-Propylbenzene	<1.00		100.00	102		ug/L		102	80 - 120
Styrene	<1.00		100.00	99.9		ug/L		100	80 - 120
1,1,1,2-Tetrachloroethane	<0.500		100.00	103		ug/L		103	80 - 120
1,1,1,2,2-Tetrachloroethane	<0.400		100.00	96.6		ug/L		97	80 - 120
Tetrachloroethene	<1.00		100.00	102		ug/L		102	80 - 120
Toluene	<1.00		100.00	100		ug/L		100	80 - 120
1,2,3-Trichlorobenzene	<0.500		100.00	98.1		ug/L		98	80 - 120
1,2,4-Trichlorobenzene	<0.500		100.00	101		ug/L		101	80 - 120
1,1,1-Trichloroethane	1.12		100.00	106		ug/L		105	80 - 120
1,1,2-Trichloroethane	<0.500		100.00	101		ug/L		101	80 - 120
Trichloroethene	<0.400		100.00	102		ug/L		102	80 - 120
Trichlorofluoromethane	<1.00		100.00	98.8		ug/L		99	80 - 120

QC Sample Results

Client: RJN ENVIRONMENTAL SERVICES, LLC
 Project/Site: Madison - Kipp

TestAmerica Job ID: WUI0232

Method: SW 8260B - VOCs by SW8260B (Continued)

Lab Sample ID: 11I0125-MS1
Matrix: Water - NonPotable
Analysis Batch: U001134

Client Sample ID: Matrix Spike
Prep Type: Total
Prep Batch: 11I0125_P

Analyte	Sample	Sample	Spike	Matrix Spike	Matrix Spike	Unit	D	% Rec	% Rec.	
	Result	Qualifier	Added	Result	Qualifier				Limits	Limits
1,2,3-Trichloropropane	<1.00		100.00	97.2		ug/L		97	80 - 120	
1,2,4-Trimethylbenzene	<0.400		100.00	99.8		ug/L		100	80 - 120	
1,3,5-Trimethylbenzene	<0.400		100.00	101		ug/L		101	80 - 120	
Vinyl chloride	<0.400		100.00	104		ug/L		104	80 - 120	
Xylenes, Total	<1.00		300.00	301		ug/L		100	80 - 120	

Surrogate	Matrix Spike	Matrix Spike	Limits
	% Recovery	Qualifier	
Dibromofluoromethane	101		80 - 120
Toluene-d8	100		80 - 120
4-Bromofluorobenzene	100		80 - 120

Lab Sample ID: 11I0125-MSD1
Matrix: Water - NonPotable
Analysis Batch: U001134

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total
Prep Batch: 11I0125_P

Analyte	Sample	Sample	Spike	Matrix Spike Dup	Matrix Spike Dup	Unit	D	% Rec	% Rec.		RPD	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	Limit	
Benzene	<0.400		100.00	105		ug/L		105	80 - 120	3	20	
Bromobenzene	<0.400		100.00	102		ug/L		102	80 - 120	4	24	
Bromochloromethane	<1.00		100.00	104		ug/L		104	80 - 120	3	14	
Bromodichloromethane	<0.400		100.00	106		ug/L		106	80 - 120	3	19	
Bromoform	<0.400		100.00	104		ug/L		104	80 - 120	3	26	
Bromomethane	<1.00		100.00	109		ug/L		109	60 - 140	6	18	
n-Butylbenzene	<0.400		100.00	107		ug/L		107	80 - 120	4	19	
sec-Butylbenzene	<0.500		100.00	107		ug/L		107	80 - 120	5	19	
tert-Butylbenzene	<0.400		100.00	108		ug/L		108	80 - 120	4	17	
Carbon Tetrachloride	<1.60		100.00	108		ug/L		108	60 - 140	4	17	
Chlorobenzene	<0.400		100.00	103		ug/L		103	80 - 120	4	16	
Chlorodibromomethane	<0.400		100.00	106		ug/L		106	80 - 120	3	23	
Chloroethane	<2.00		100.00	108		ug/L		108	60 - 140	5	17	
Chloroform	0.660		100.00	106		ug/L		106	80 - 120	3	14	
Chloromethane	<0.600		100.00	106		ug/L		106	60 - 140	3	16	
2-Chlorotoluene	<1.00		100.00	105		ug/L		105	80 - 120	4	26	
4-Chlorotoluene	<0.400		100.00	103		ug/L		103	80 - 120	4	26	
1,2-Dibromo-3-chloropropane	<1.00		100.00	107		ug/L		107	60 - 140	4	26	
1,2-Dibromoethane (EDB)	<0.400		100.00	104		ug/L		104	80 - 120	3	19	
Dibromomethane	<0.400		100.00	101		ug/L		101	80 - 120	3	26	
1,2-Dichlorobenzene	<0.400		100.00	102		ug/L		102	80 - 120	4	23	
1,3-Dichlorobenzene	<0.400		100.00	101		ug/L		101	80 - 120	3	21	
1,4-Dichlorobenzene	<1.00		100.00	99.5		ug/L		99	80 - 120	3	21	
Dichlorodifluoromethane	<1.00		100.00	93.8		ug/L		94	60 - 140	0.5	19	
1,1-Dichloroethane	137		100.00	224		ug/L		87	80 - 120	3	18	
1,2-Dichloroethane	<1.00		100.00	103		ug/L		103	80 - 120	2	19	
1,1-Dichloroethene	<1.00		100.00	109		ug/L		109	80 - 120	4	18	
cis-1,2-Dichloroethene	<1.00		100.00	105		ug/L		105	80 - 120	2	17	
trans-1,2-Dichloroethene	<1.00		100.00	108		ug/L		108	80 - 120	4	23	
1,2-Dichloropropane	<1.00		100.00	106		ug/L		106	80 - 120	4	18	
1,3-Dichloropropane	<0.500		100.00	103		ug/L		103	80 - 120	3	24	
2,2-Dichloropropane	<1.00		100.00	98.7		ug/L		99	60 - 140	4	16	
1,1-Dichloropropene	<1.00		100.00	104		ug/L		104	80 - 120	3	16	

QC Sample Results

Client: RJN ENVIRONMENTAL SERVICES, LLC
 Project/Site: Madison - Kipp

TestAmerica Job ID: WUI0232

Method: SW 8260B - VOCs by SW8260B (Continued)

Lab Sample ID: 11I0125-MSD1

Matrix: Water - NonPotable

Analysis Batch: U001134

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 11I0125_P

Analyte	Sample	Sample	Spike	Matrix Spike Dup	Matrix Spike Dup	Unit	D	% Rec	% Rec.		RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD		
cis-1,3-Dichloropropene	<0.400		100.00	105		ug/L		105	80 - 120	3	20	
trans-1,3-Dichloropropene	<0.400		100.00	103		ug/L		103	80 - 120	3	26	
Isopropyl Ether	<1.00		100.00	106		ug/L		106	80 - 120	2	20	
Ethylbenzene	<1.00		100.00	105		ug/L		105	80 - 120	4	16	
Hexachlorobutadiene	<1.00		100.00	99.5		ug/L		100	60 - 140	5	20	
Isopropylbenzene	<0.400		100.00	107		ug/L		107	80 - 120	4	22	
p-Isopropyltoluene	<0.400		100.00	107		ug/L		107	80 - 120	4	20	
Methylene Chloride	<2.00		100.00	102		ug/L		102	80 - 120	3	24	
Methyl tert-Butyl Ether	<1.00		100.00	104		ug/L		104	80 - 120	3	18	
Naphthalene	<0.500		100.00	104		ug/L		104	60 - 140	4	24	
n-Propylbenzene	<1.00		100.00	106		ug/L		106	80 - 120	4	23	
Styrene	<1.00		100.00	104		ug/L		104	80 - 120	4	14	
1,1,1,2-Tetrachloroethane	<0.500		100.00	106		ug/L		106	80 - 120	3	17	
1,1,1,2-Tetrachloroethane	<0.400		100.00	101		ug/L		101	80 - 120	4	26	
Tetrachloroethene	<1.00		100.00	106		ug/L		106	80 - 120	4	18	
Toluene	<1.00		100.00	105		ug/L		105	80 - 120	4	18	
1,2,3-Trichlorobenzene	<0.500		100.00	103		ug/L		103	80 - 120	5	24	
1,2,4-Trichlorobenzene	<0.500		100.00	104		ug/L		104	80 - 120	4	21	
1,1,1-Trichloroethane	1.12		100.00	110		ug/L		109	80 - 120	4	19	
1,1,2-Trichloroethane	<0.500		100.00	103		ug/L		103	80 - 120	3	28	
Trichloroethene	<0.400		100.00	107		ug/L		107	80 - 120	5	18	
Trichlorofluoromethane	<1.00		100.00	101		ug/L		101	80 - 120	2	19	
1,2,3-Trichloropropane	<1.00		100.00	101		ug/L		101	80 - 120	4	26	
1,2,4-Trimethylbenzene	<0.400		100.00	104		ug/L		104	80 - 120	4	24	
1,3,5-Trimethylbenzene	<0.400		100.00	105		ug/L		105	80 - 120	4	24	
Vinyl chloride	<0.400		100.00	109		ug/L		109	80 - 120	4	17	
Xylenes, Total	<1.00		300.00	314		ug/L		105	80 - 120	4	13	

Surrogate	Matrix Spike Dup	Matrix Spike Dup	Limits
	% Recovery	Qualifier	
Dibromofluoromethane	100		80 - 120
Toluene-d8	100		80 - 120
4-Bromofluorobenzene	99		80 - 120

QC Association Summary

Client: RJN ENVIRONMENTAL SERVICES, LLC
 Project/Site: Madison - Kipp

TestAmerica Job ID: WUI0232

GCMS Volatiles

Analysis Batch: U001134

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11I0125-BLK1	Method Blank	Total	Water - NonPotable	SW 8260B	11I0125_P
11I0125-BS1	Lab Control Sample	Total	Water - NonPotable	SW 8260B	11I0125_P
11I0125-MS1	Matrix Spike	Total	Water - NonPotable	SW 8260B	11I0125_P
11I0125-MSD1	Matrix Spike Duplicate	Total	Water - NonPotable	SW 8260B	11I0125_P
WUI0232-01	MW-9D	Total	Ground Water	SW 8260B	11I0125_P
WUI0232-02	MW-9D2	Total	Ground Water	SW 8260B	11I0125_P

Prep Batch: 11I0125_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11I0125-BLK1	Method Blank	Total	Water - NonPotable	Default Prep VOC	
11I0125-BS1	Lab Control Sample	Total	Water - NonPotable	Default Prep VOC	
11I0125-MS1	Matrix Spike	Total	Water - NonPotable	Default Prep VOC	
11I0125-MSD1	Matrix Spike Duplicate	Total	Water - NonPotable	Default Prep VOC	
WUI0232-01	MW-9D	Total	Ground Water	Default Prep VOC	
WUI0232-02	MW-9D2	Total	Ground Water	Default Prep VOC	

Lab Chronicle

Client: RJN ENVIRONMENTAL SERVICES, LLC
Project/Site: Madison - Kipp

TestAmerica Job ID: WUI0232

Client Sample ID: MW-9D

Date Collected: 09/09/11 09:45

Date Received: 09/09/11 11:40

Lab Sample ID: WUI0232-01

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11I0125_P	09/13/11 12:00	MAE	TAL WT
Total	Analysis	SW 8260B		1.0	U001134	09/14/11 06:05	MAE	TAL WT

Client Sample ID: MW-9D2

Date Collected: 09/09/11 10:45

Date Received: 09/09/11 11:40

Lab Sample ID: WUI0232-02

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11I0125_P	09/13/11 12:00	MAE	TAL WT
Total	Analysis	SW 8260B		1.0	U001134	09/14/11 05:39	MAE	TAL WT

Laboratory References:

TAL WT = TestAmerica Watertown, 1101 Industrial Drive, Suites 9 & 10, Watertown, WI 53094, TEL 800-833-7036

Certification Summary

Client: RJN ENVIRONMENTAL SERVICES, LLC
Project/Site: Madison - Kipp

TestAmerica Job ID: WUI0232

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Watertown		WI Dept of Agriculture (Micro)		105-266
TestAmerica Watertown	Illinois	NELAC	5	100453
TestAmerica Watertown	Minnesota	NELAC	5	055-999-366

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

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Method Summary

Client: RJN ENVIRONMENTAL SERVICES, LLC
Project/Site: Madison - Kipp

TestAmerica Job ID: WUI0232

Method	Method Description	Protocol	Laboratory
SW 8260B	VOCs by SW8260B		TAL WT

Protocol References:

Laboratory References:

TAL WT = TestAmerica Watertown, 1101 Industrial Drive, Suites 9 & 10, Watertown, WI 53094, TEL 800-833-7036

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Sample Summary

Client: RJN ENVIRONMENTAL SERVICES, LLC
Project/Site: Madison - Kipp

TestAmerica Job ID: WUI0232

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
WUI0232-01	MW-9D	Ground Water	09/09/11 09:45	09/09/11 11:40
WUI0232-02	MW-9D2	Ground Water	09/09/11 10:45	09/09/11 11:40

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TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING
Client Name

Watertown Division
602 Commerce Drive
Watertown, WI 53094

Phone 920-261-1660 or 800-833-7036
Fax 920-261-8120

WUI 0232

To assist us in using the proper analytical methods,
is this work being conducted for regulatory purposes?
Compliance Monitoring

Address: RJN ENV. SVK Client #: _____
 City/State/Zip Code: 4631 COUNTY RD A
 Project Manager: BOB NAUTA
 Telephone Number: 608.576.3001
 Sampler Name: (Print Name) BOB NAUTA
 Sampler Signature: [Signature]
 Project Name: MADISON-KIPP
 Project #: _____
 Site/Location ID: _____
 Report To: _____
 Invoice To: _____
 Quote #: _____
 State: WI
 PO#: _____

E-mail address: rinesll@charter.net

TAT Standard Rush (surcharges may apply)

Date Needed: 09/15

Fax Results: Y N

E-mail: Y N

SAMPLE ID	Date Sampled	Time Sampled	Field Filtered	Matrix	Preservation & # of Containers	Analyze For:	QC Deliverables	REMARKS
01 MW-9D	09/09 0945			GW	HNO ₃ HCl NaOH H ₂ SO ₄ Methanol None Other (Specify)	VOC	None Level 2 (Batch QC) Level 3 Level 4 Other: _____	
02 MW-9DZ	" 1045			GW	HNO ₃ HCl NaOH H ₂ SO ₄ Methanol None Other (Specify)	X		

Special Instructions:

Relinquished By: [Signature] Date: 09/09 Time: 1140

Relinquished By: _____ Date: _____ Time: _____

Relinquished By: _____ Date: _____ Time: _____

Received By: Quiana # Date: 9/9 Time: 1140

Received By: _____ Date: _____ Time: _____

Received By: _____ Date: _____ Time: _____

LABORATORY COMMENTS:
 Init Lab Temp: _____
 Rec Lab Temp: 7.5°C
 Custody Seals: Y N N/A
 Bottles Supplied by TestAmerica: Y N
 Method of Shipment: Client



Cooler Receipt Log

Work Order(s): WUI0239 Client Name/Project: RJN # of Coolers: 1

1. How did samples arrive? Dunham Fed-Ex UPS TestAmerica Client USPS Speedy _____

Date/time cooler was opened: 9/9/11 1140 By: Demica H TEMP. 7.5°C

2. Were custody seals intact, signed and dated correctly?..... Intact Broken NA
3. TAT (Turn Around Time) SUBCONTRACTED HOLD STANDARD RUSH
4. Were samples on ice?..... Yes No Water Ice & Water
5. Bottles supplied by Test America? Yes No
6. Number of containers are noted on COC (Chain of Custody) ?..... Yes No
7. Matrix is identified on COC ? Yes No
8. Did all sample containers arrive in good condition?..... OK Broken Frozen Slushy
- BOD Bacteria _____
9. Are there any short hold time tests? (48hrs or less)..... No Yes
- Past Hold?..... No Yes

24 hours or less	48 hours		7 days	
Coliform Bacteria	BOD	CBOD	Aqueous Organic Prep	
Fecal (orange)			BNA 8270	DRO (HCL amber)
Total Bacteria (blue)			Herbs	PAH (NT amber)
MPN Bacteria (black)	Nitrite NO2	Nitrate NO3	PCBs	Pest/PCBs
SPC (Standard Plate Count - yellow)	OrthoPhosphate or		PNA	
HPC (Hydrophilic Plate Count - yellow)	OrthoPhosphorus		TS (Total Solids)	TDS
T. Residual Chlorine (NT bottle)	Surfactants (MBAS)		TSS (Total Suspended Solids)	
CR3 or CR6 (Hex Chromium VI - NT bottle)	Sulfite		Sulfide	
Dissolved Oxygen (DO)	Turbidity		Volatile Solids	

10. Ops Mgr, PM or Analyst informed of short hold?.....Who _____ When _____
11. Other than short hold test , were any samples within 2 days of their hold date No Yes
 Or past their expiration of hold time No Yes
12. Is the date and time of collection recorded on COC? Date Yes No on the containers Yes No
 Time..... Yes No on the containers Yes No
13. Are dissolved parameters field filtered or being filtered in the lab?..... Field Lab NA
14. Are sample volumes adequate and preservatives correct for test requested? Vol. Yes No
 Preservatives... Yes No
15. Were correct containers used for the analysis requested?..... Yes No
16. Do VOC samples have air bubbles >6mm?..... No Yes NA
17. Is an aqueous Trip Blank included?..... Yes No NA
18. If received, how were DRO soil samples received?..... Weighed glass jar Packed jar
19. Is a Methanol Trip Blank included?..... Yes glass jar vial No NA
20. How were VOC soils received? Methanol Sodium Bisulfate Packed Jar Encore Other Water (see options*)
 * Within 48hrs of sampling Past 48hrs of sampling Frozen Not Frozen
21. Were all sample containers received and match the Sample IDs listed on COC?..... Yes No

If any changes are made to this Work Order after Login, or if comments must be made regarding this cooler, explain them below:
