

GW - 038

2012 AGWMR

02 / 28 / 2013

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TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Nashville
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Nashville, TN 37204
Tel: (615)726-0177

TestAmerica Job ID: 490-8500-1
Client Project/Site: Gladiola Station

For:
Groundwater & Environmental Services Inc
13003 Southwest Freeway
Suite 190
Stafford, Texas 77477

Attn: Ryan F. Carroll



Authorized for release by:
10/19/2012 2:16:40 PM

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
490-8500-1	MW-22	Water	10/03/12 09:10	10/05/12 08:30
490-8500-2	MW-17	Water	10/03/12 09:50	10/05/12 08:30
490-8500-3	MW-12	Water	10/03/12 10:25	10/05/12 08:30
490-8500-4	MW-11	Water	10/03/12 11:05	10/05/12 08:30
490-8500-5	MW-10	Water	10/03/12 11:40	10/05/12 08:30
490-8500-6	MW-6	Water	10/03/12 12:20	10/05/12 08:30
490-8500-7	MW-16	Water	10/03/12 13:15	10/05/12 08:30
490-8500-8	MW-19	Water	10/03/12 14:05	10/05/12 08:30
490-8500-9	MW-14	Water	10/03/12 14:50	10/05/12 08:30
490-8500-10	MW-26	Water	10/03/12 15:45	10/05/12 08:30
490-8500-11	MW-21	Water	10/03/12 16:35	10/05/12 08:30
490-8500-12	MW-23	Water	10/03/12 17:15	10/05/12 08:30
490-8500-13	MW-20	Water	10/03/12 18:00	10/05/12 08:30
490-8500-14	MW-5	Water	10/03/12 18:40	10/05/12 08:30
490-8500-15	DUP	Water	10/03/12 06:00	10/05/12 08:30
490-8500-16	MW-9	Water	10/03/12 19:25	10/05/12 08:30
490-8500-17	EB	Water	10/03/12 19:35	10/05/12 08:30
490-8500-18	FB	Water	10/03/12 19:45	10/05/12 08:30
490-8500-19	Trip Blank1	Water	10/03/12 00:01	10/05/12 08:30
490-8500-20	Trip Blank2	Water	10/03/12 00:01	10/05/12 08:30
490-8500-21	Trip Blank3	Water	10/03/12 00:01	10/05/12 08:30
490-8500-22	Trip Blank4	Water	10/03/12 00:01	10/05/12 08:30

Case Narrative

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Job ID: 490-8500-1

Laboratory: TestAmerica Nashville

Narrative

Job Narrative 490-8500-1

Comments

No additional comments.

Receipt

The samples were received on 10/5/2012 8:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 6 coolers at receipt time were 0.5° C, 0.7° C, 1.1° C, 2.3° C, 3.9° C and 4.6° C.

Except:

There is an oil layer in all bottles.

GC/MS VOA

Method(s) 8260B: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for batch 26944 exceeded control limits for the following analytes: 1,1-dichloroethene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 8260B: There is no matrix spike/matrix spike duplicate (MS/MSD) associated with batch 27523 due to insufficient time remaining within the 12 hour batch.

No other analytical or quality issues were noted.

GC/MS Semi VOA

Method(s) 8270C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 26614, 26640.

Method(s) 8270C: Surrogate recovery for the following sample was outside control limits: MW-9 (490-8500-16). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No other analytical or quality issues were noted.

HPLC

No analytical or quality issues were noted.

Metals

No analytical or quality issues were noted.

General Chemistry

No analytical or quality issues were noted.

Organic Prep

No analytical or quality issues were noted.

VOA Prep

No analytical or quality issues were noted.

Definitions/Glossary

TestAmerica Job ID: 490-8500-1

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits

GC/MS Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits

HPLC/IC

Qualifier	Qualifier Description
E	Result exceeded calibration range.
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.

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
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
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)

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: MW-22

Lab Sample ID: 490-8500-1

Date Collected: 10/03/12 09:10

Matrix: Water

Date Received: 10/05/12 08:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.00		ug/L			10/10/12 16:01	1
1,1,1-Trichloroethane	ND		1.00		ug/L			10/10/12 16:01	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			10/10/12 16:01	1
1,1,2-Trichloroethane	ND		1.00		ug/L			10/10/12 16:01	1
1,1-Dichloroethane	ND		1.00		ug/L			10/10/12 16:01	1
1,1-Dichloroethene	ND		1.00		ug/L			10/10/12 16:01	1
1,1-Dichloropropene	ND		1.00		ug/L			10/10/12 16:01	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			10/10/12 16:01	1
1,2,3-Trichloropropane	ND		1.00		ug/L			10/10/12 16:01	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			10/10/12 16:01	1
1,2,4-Trimethylbenzene	ND		1.00		ug/L			10/10/12 16:01	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			10/10/12 16:01	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			10/10/12 16:01	1
1,2-Dichlorobenzene	ND		1.00		ug/L			10/10/12 16:01	1
1,2-Dichloroethane	ND		1.00		ug/L			10/10/12 16:01	1
1,2-Dichloropropane	ND		1.00		ug/L			10/10/12 16:01	1
1,3,5-Trimethylbenzene	ND		1.00		ug/L			10/10/12 16:01	1
1,3-Dichlorobenzene	ND		1.00		ug/L			10/10/12 16:01	1
1,3-Dichloropropane	ND		1.00		ug/L			10/10/12 16:01	1
1,4-Dichlorobenzene	ND		1.00		ug/L			10/10/12 16:01	1
2,2-Dichloropropane	ND		1.00		ug/L			10/10/12 16:01	1
2-Butanone (MEK)	ND		50.0		ug/L			10/10/12 16:01	1
2-Chlorotoluene	ND		1.00		ug/L			10/10/12 16:01	1
2-Hexanone	ND		10.0		ug/L			10/10/12 16:01	1
4-Chlorotoluene	ND		1.00		ug/L			10/10/12 16:01	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			10/10/12 16:01	1
Acetone	ND		50.0		ug/L			10/10/12 16:01	1
Benzene	ND		1.00		ug/L			10/10/12 16:01	1
Bromobenzene	ND		1.00		ug/L			10/10/12 16:01	1
Bromochloromethane	ND		1.00		ug/L			10/10/12 16:01	1
Bromodichloromethane	ND		1.00		ug/L			10/10/12 16:01	1
Bromoform	ND		1.00		ug/L			10/10/12 16:01	1
Bromomethane	ND		1.00		ug/L			10/10/12 16:01	1
Carbon disulfide	ND		1.00		ug/L			10/10/12 16:01	1
Carbon tetrachloride	ND		1.00		ug/L			10/10/12 16:01	1
Chlorobenzene	ND		1.00		ug/L			10/10/12 16:01	1
Chlorodibromomethane	ND		1.00		ug/L			10/10/12 16:01	1
Chloroethane	ND		1.00		ug/L			10/10/12 16:01	1
Chloroform	ND		1.00		ug/L			10/10/12 16:01	1
Chloromethane	ND		1.00		ug/L			10/10/12 16:01	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			10/10/12 16:01	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			10/10/12 16:01	1
Dibromomethane	ND		1.00		ug/L			10/10/12 16:01	1
Dichlorodifluoromethane	ND		1.00		ug/L			10/10/12 16:01	1
Ethylbenzene	ND		1.00		ug/L			10/10/12 16:01	1
Hexachlorobutadiene	ND		2.00		ug/L			10/10/12 16:01	1
Isopropylbenzene	ND		1.00		ug/L			10/10/12 16:01	1
Methyl tert-butyl ether	ND		1.00		ug/L			10/10/12 16:01	1
Methylene Chloride	ND		5.00		ug/L			10/10/12 16:01	1
Naphthalene	ND		5.00		ug/L			10/10/12 16:01	1
n-Butylbenzene	ND		1.00		ug/L			10/10/12 16:01	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: MW-22

Lab Sample ID: 490-8500-1

Date Collected: 10/03/12 09:10

Matrix: Water

Date Received: 10/05/12 08:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		1.00		ug/L			10/10/12 16:01	1
p-Isopropyltoluene	ND		1.00		ug/L			10/10/12 16:01	1
sec-Butylbenzene	ND		1.00		ug/L			10/10/12 16:01	1
Styrene	ND		1.00		ug/L			10/10/12 16:01	1
tert-Butylbenzene	ND		1.00		ug/L			10/10/12 16:01	1
Tetrachloroethene	ND		1.00		ug/L			10/10/12 16:01	1
Toluene	ND		1.00		ug/L			10/10/12 16:01	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			10/10/12 16:01	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			10/10/12 16:01	1
Trichloroethene	ND		1.00		ug/L			10/10/12 16:01	1
Trichlorofluoromethane	ND		1.00		ug/L			10/10/12 16:01	1
Vinyl chloride	ND		1.00		ug/L			10/10/12 16:01	1
Xylenes, Total	ND		3.00		ug/L			10/10/12 16:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		70 - 130					10/10/12 16:01	1
4-Bromofluorobenzene (Surr)	97		70 - 130					10/10/12 16:01	1
Dibromofluoromethane (Surr)	93		70 - 130					10/10/12 16:01	1
Toluene-d8 (Surr)	99		70 - 130					10/10/12 16:01	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 19:47	1
Acenaphthylene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 19:47	1
Anthracene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 19:47	1
Benzo[a]anthracene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 19:47	1
Benzo[a]pyrene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 19:47	1
Benzo[b]fluoranthene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 19:47	1
Benzo[g,h,i]perylene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 19:47	1
Benzo[k]fluoranthene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 19:47	1
Chrysene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 19:47	1
Dibenz(a,h)anthracene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 19:47	1
Fluoranthene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 19:47	1
Fluorene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 19:47	1
Indeno[1,2,3-cd]pyrene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 19:47	1
Naphthalene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 19:47	1
Phenanthrene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 19:47	1
Pyrene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 19:47	1
1-Methylnaphthalene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 19:47	1
2-Methylnaphthalene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 19:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	78		27 - 120				10/09/12 10:09	10/10/12 19:47	1
Terphenyl-d14 (Surr)	45		13 - 120				10/09/12 10:09	10/10/12 19:47	1
2-Fluorobiphenyl (Surr)	81		29 - 120				10/09/12 10:09	10/10/12 19:47	1

Method: 9056 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	42.5		1.00		mg/L			10/09/12 03:48	1
Sulfate	280		5.00		mg/L			10/09/12 21:20	5

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: MW-22

Lab Sample ID: 490-8500-1

Date Collected: 10/03/12 09:10

Matrix: Water

Date Received: 10/05/12 08:30

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
As	0.0232		0.0100		mg/L		10/09/12 14:40	10/10/12 16:58	1
Ba	0.0197		0.0100		mg/L		10/09/12 14:40	10/10/12 16:58	1
Cd	ND		0.00100		mg/L		10/09/12 14:40	10/10/12 16:58	1
Cr	ND		0.00500		mg/L		10/09/12 14:40	10/10/12 16:58	1
Pb	ND		0.00500		mg/L		10/09/12 14:40	10/10/12 16:58	1
Se	ND		0.0100		mg/L		10/09/12 14:40	10/10/12 16:58	1
Ag	ND		0.00500		mg/L		10/09/12 14:40	10/10/12 16:58	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200		mg/L		10/10/12 07:56	10/17/12 10:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3	223		10.0		mg/L			10/13/12 10:52	1
Total Dissolved Solids	792		10.0		mg/L			10/06/12 11:08	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: MW-17

Lab Sample ID: 490-8500-2

Date Collected: 10/03/12 09:50

Matrix: Water

Date Received: 10/05/12 08:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.00		ug/L			10/10/12 19:10	1
1,1,1-Trichloroethane	ND		1.00		ug/L			10/10/12 19:10	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			10/10/12 19:10	1
1,1,2-Trichloroethane	ND		1.00		ug/L			10/10/12 19:10	1
1,1-Dichloroethane	ND		1.00		ug/L			10/10/12 19:10	1
1,1-Dichloroethene	ND		1.00		ug/L			10/10/12 19:10	1
1,1-Dichloropropene	ND		1.00		ug/L			10/10/12 19:10	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			10/10/12 19:10	1
1,2,3-Trichloropropane	ND		1.00		ug/L			10/10/12 19:10	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			10/10/12 19:10	1
1,2,4-Trimethylbenzene	248		5.00		ug/L			10/12/12 03:00	5
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			10/10/12 19:10	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			10/10/12 19:10	1
1,2-Dichlorobenzene	ND		1.00		ug/L			10/10/12 19:10	1
1,2-Dichloroethane	ND		1.00		ug/L			10/10/12 19:10	1
1,2-Dichloropropane	ND		1.00		ug/L			10/10/12 19:10	1
1,3,5-Trimethylbenzene	75.4		1.00		ug/L			10/10/12 19:10	1
1,3-Dichlorobenzene	ND		1.00		ug/L			10/10/12 19:10	1
1,3-Dichloropropane	ND		1.00		ug/L			10/10/12 19:10	1
1,4-Dichlorobenzene	ND		1.00		ug/L			10/10/12 19:10	1
2,2-Dichloropropane	ND		1.00		ug/L			10/10/12 19:10	1
2-Butanone (MEK)	ND		50.0		ug/L			10/10/12 19:10	1
2-Chlorotoluene	ND		1.00		ug/L			10/10/12 19:10	1
2-Hexanone	ND		10.0		ug/L			10/10/12 19:10	1
4-Chlorotoluene	ND		1.00		ug/L			10/10/12 19:10	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			10/10/12 19:10	1
Acetone	ND		50.0		ug/L			10/10/12 19:10	1
Benzene	825		5.00		ug/L			10/12/12 03:00	5
Bromobenzene	ND		1.00		ug/L			10/10/12 19:10	1
Bromochloromethane	ND		1.00		ug/L			10/10/12 19:10	1
Bromodichloromethane	ND		1.00		ug/L			10/10/12 19:10	1
Bromoform	ND		1.00		ug/L			10/10/12 19:10	1
Bromomethane	ND		1.00		ug/L			10/10/12 19:10	1
Carbon disulfide	ND		1.00		ug/L			10/10/12 19:10	1
Carbon tetrachloride	ND		1.00		ug/L			10/10/12 19:10	1
Chlorobenzene	ND		1.00		ug/L			10/10/12 19:10	1
Chlorodibromomethane	ND		1.00		ug/L			10/10/12 19:10	1
Chloroethane	ND		1.00		ug/L			10/10/12 19:10	1
Chloroform	ND		1.00		ug/L			10/10/12 19:10	1
Chloromethane	ND		1.00		ug/L			10/10/12 19:10	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			10/10/12 19:10	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			10/10/12 19:10	1
Dibromomethane	ND		1.00		ug/L			10/10/12 19:10	1
Dichlorodifluoromethane	ND		1.00		ug/L			10/10/12 19:10	1
Ethylbenzene	682		5.00		ug/L			10/12/12 03:00	5
Hexachlorobutadiene	ND		2.00		ug/L			10/10/12 19:10	1
Isopropylbenzene	56.3		1.00		ug/L			10/10/12 19:10	1
Methyl tert-butyl ether	ND		1.00		ug/L			10/10/12 19:10	1
Methylene Chloride	ND		5.00		ug/L			10/10/12 19:10	1
Naphthalene	86.5		5.00		ug/L			10/10/12 19:10	1
n-Butylbenzene	7.35		1.00		ug/L			10/10/12 19:10	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: MW-17

Lab Sample ID: 490-8500-2

Date Collected: 10/03/12 09:50

Matrix: Water

Date Received: 10/05/12 08:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	55.3		1.00		ug/L			10/10/12 19:10	1
p-Isopropyltoluene	5.91		1.00		ug/L			10/10/12 19:10	1
sec-Butylbenzene	6.86		1.00		ug/L			10/10/12 19:10	1
Styrene	6.72		1.00		ug/L			10/10/12 19:10	1
tert-Butylbenzene	ND		1.00		ug/L			10/10/12 19:10	1
Tetrachloroethene	ND		1.00		ug/L			10/10/12 19:10	1
Toluene	10.3		1.00		ug/L			10/10/12 19:10	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			10/10/12 19:10	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			10/10/12 19:10	1
Trichloroethene	ND		1.00		ug/L			10/10/12 19:10	1
Trichlorofluoromethane	ND		1.00		ug/L			10/10/12 19:10	1
Vinyl chloride	ND		1.00		ug/L			10/10/12 19:10	1
Xylenes, Total	1220		15.0		ug/L			10/12/12 03:00	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		70 - 130					10/10/12 19:10	1
1,2-Dichloroethane-d4 (Surr)	88		70 - 130					10/12/12 03:00	5
4-Bromofluorobenzene (Surr)	98		70 - 130					10/10/12 19:10	1
4-Bromofluorobenzene (Surr)	96		70 - 130					10/12/12 03:00	5
Dibromofluoromethane (Surr)	95		70 - 130					10/10/12 19:10	1
Dibromofluoromethane (Surr)	97		70 - 130					10/12/12 03:00	5
Toluene-d8 (Surr)	103		70 - 130					10/10/12 19:10	1
Toluene-d8 (Surr)	101		70 - 130					10/12/12 03:00	5

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 20:12	1
Acenaphthylene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 20:12	1
Anthracene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 20:12	1
Benzo[a]anthracene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 20:12	1
Benzo[a]pyrene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 20:12	1
Benzo[b]fluoranthene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 20:12	1
Benzo[g,h,i]perylene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 20:12	1
Benzo[k]fluoranthene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 20:12	1
Chrysene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 20:12	1
Dibenz(a,h)anthracene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 20:12	1
Fluoranthene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 20:12	1
Fluorene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 20:12	1
Indeno[1,2,3-cd]pyrene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 20:12	1
Naphthalene	68.5		1.89		ug/L		10/09/12 10:09	10/10/12 20:12	1
Phenanthrene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 20:12	1
Pyrene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 20:12	1
1-Methylnaphthalene	32.5		1.89		ug/L		10/09/12 10:09	10/10/12 20:12	1
2-Methylnaphthalene	40.2		1.89		ug/L		10/09/12 10:09	10/10/12 20:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	80		27 - 120				10/09/12 10:09	10/10/12 20:12	1
Terphenyl-d14 (Surr)	43		13 - 120				10/09/12 10:09	10/10/12 20:12	1
2-Fluorobiphenyl (Surr)	79		29 - 120				10/09/12 10:09	10/10/12 20:12	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: MW-17

Lab Sample ID: 490-8500-2

Date Collected: 10/03/12 09:50

Matrix: Water

Date Received: 10/05/12 08:30

Method: 9056 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.12		1.00		mg/L			10/09/12 05:08	1
Sulfate	ND		1.00		mg/L			10/09/12 05:08	1

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
As	0.0418		0.0100		mg/L		10/09/12 14:40	10/10/12 17:20	1
Ba	4.51		0.0100		mg/L		10/09/12 14:40	10/10/12 17:20	1
Cd	ND		0.00100		mg/L		10/09/12 14:40	10/10/12 17:20	1
Cr	ND		0.00500		mg/L		10/09/12 14:40	10/10/12 17:20	1
Pb	ND		0.00500		mg/L		10/09/12 14:40	10/10/12 17:20	1
Se	ND		0.0100		mg/L		10/09/12 14:40	10/10/12 17:20	1
Ag	ND		0.00500		mg/L		10/09/12 14:40	10/10/12 17:20	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200		mg/L		10/10/12 07:56	10/17/12 10:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3	698		10.0		mg/L			10/13/12 11:10	1
Total Dissolved Solids	718		10.0		mg/L			10/06/12 11:08	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: MW-12

Lab Sample ID: 490-8500-3

Date Collected: 10/03/12 10:25

Matrix: Water

Date Received: 10/05/12 08:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.00		ug/L			10/10/12 19:37	1
1,1,1-Trichloroethane	ND		1.00		ug/L			10/10/12 19:37	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			10/10/12 19:37	1
1,1,2-Trichloroethane	ND		1.00		ug/L			10/10/12 19:37	1
1,1-Dichloroethane	ND		1.00		ug/L			10/10/12 19:37	1
1,1-Dichloroethene	ND		1.00		ug/L			10/10/12 19:37	1
1,1-Dichloropropene	ND		1.00		ug/L			10/10/12 19:37	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			10/10/12 19:37	1
1,2,3-Trichloropropane	ND		1.00		ug/L			10/10/12 19:37	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			10/10/12 19:37	1
1,2,4-Trimethylbenzene	345		5.00		ug/L			10/12/12 03:27	5
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			10/10/12 19:37	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			10/10/12 19:37	1
1,2-Dichlorobenzene	ND		1.00		ug/L			10/10/12 19:37	1
1,2-Dichloroethane	ND		1.00		ug/L			10/10/12 19:37	1
1,2-Dichloropropane	ND		1.00		ug/L			10/10/12 19:37	1
1,3,5-Trimethylbenzene	117		1.00		ug/L			10/10/12 19:37	1
1,3-Dichlorobenzene	ND		1.00		ug/L			10/10/12 19:37	1
1,3-Dichloropropane	ND		1.00		ug/L			10/10/12 19:37	1
1,4-Dichlorobenzene	ND		1.00		ug/L			10/10/12 19:37	1
2,2-Dichloropropane	ND		1.00		ug/L			10/10/12 19:37	1
2-Butanone (MEK)	ND		50.0		ug/L			10/10/12 19:37	1
2-Chlorotoluene	ND		1.00		ug/L			10/10/12 19:37	1
2-Hexanone	ND		10.0		ug/L			10/10/12 19:37	1
4-Chlorotoluene	ND		1.00		ug/L			10/10/12 19:37	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			10/10/12 19:37	1
Acetone	ND		50.0		ug/L			10/10/12 19:37	1
Benzene	54.4		1.00		ug/L			10/10/12 19:37	1
Bromobenzene	ND		1.00		ug/L			10/10/12 19:37	1
Bromochloromethane	ND		1.00		ug/L			10/10/12 19:37	1
Bromodichloromethane	ND		1.00		ug/L			10/10/12 19:37	1
Bromoform	ND		1.00		ug/L			10/10/12 19:37	1
Bromomethane	ND		1.00		ug/L			10/10/12 19:37	1
Carbon disulfide	ND		1.00		ug/L			10/10/12 19:37	1
Carbon tetrachloride	ND		1.00		ug/L			10/10/12 19:37	1
Chlorobenzene	ND		1.00		ug/L			10/10/12 19:37	1
Chlorodibromomethane	ND		1.00		ug/L			10/10/12 19:37	1
Chloroethane	ND		1.00		ug/L			10/10/12 19:37	1
Chloroform	ND		1.00		ug/L			10/10/12 19:37	1
Chloromethane	ND		1.00		ug/L			10/10/12 19:37	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			10/10/12 19:37	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			10/10/12 19:37	1
Dibromomethane	ND		1.00		ug/L			10/10/12 19:37	1
Dichlorodifluoromethane	ND		1.00		ug/L			10/10/12 19:37	1
Ethylbenzene	822		5.00		ug/L			10/12/12 03:27	5
Hexachlorobutadiene	ND		2.00		ug/L			10/10/12 19:37	1
Isopropylbenzene	83.2		1.00		ug/L			10/10/12 19:37	1
Methyl tert-butyl ether	ND		1.00		ug/L			10/10/12 19:37	1
Methylene Chloride	ND		5.00		ug/L			10/10/12 19:37	1
Naphthalene	129		5.00		ug/L			10/10/12 19:37	1
n-Butylbenzene	12.1		1.00		ug/L			10/10/12 19:37	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: MW-12

Lab Sample ID: 490-8500-3

Date Collected: 10/03/12 10:25

Matrix: Water

Date Received: 10/05/12 08:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	87.4		1.00		ug/L			10/10/12 19:37	1
p-Isopropyltoluene	9.59		1.00		ug/L			10/10/12 19:37	1
sec-Butylbenzene	11.6		1.00		ug/L			10/10/12 19:37	1
Styrene	ND		1.00		ug/L			10/10/12 19:37	1
tert-Butylbenzene	1.77		1.00		ug/L			10/10/12 19:37	1
Tetrachloroethene	ND		1.00		ug/L			10/10/12 19:37	1
Toluene	15.2		1.00		ug/L			10/10/12 19:37	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			10/10/12 19:37	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			10/10/12 19:37	1
Trichloroethene	ND		1.00		ug/L			10/10/12 19:37	1
Trichlorofluoromethane	ND		1.00		ug/L			10/10/12 19:37	1
Vinyl chloride	ND		1.00		ug/L			10/10/12 19:37	1
Xylenes, Total	1670		15.0		ug/L			10/12/12 03:27	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		70 - 130		10/10/12 19:37	1
1,2-Dichloroethane-d4 (Surr)	88		70 - 130		10/12/12 03:27	5
4-Bromofluorobenzene (Surr)	97		70 - 130		10/10/12 19:37	1
4-Bromofluorobenzene (Surr)	96		70 - 130		10/12/12 03:27	5
Dibromofluoromethane (Surr)	96		70 - 130		10/10/12 19:37	1
Dibromofluoromethane (Surr)	98		70 - 130		10/12/12 03:27	5
Toluene-d8 (Surr)	104		70 - 130		10/10/12 19:37	1
Toluene-d8 (Surr)	100		70 - 130		10/12/12 03:27	5

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 20:36	1
Acenaphthylene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 20:36	1
Anthracene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 20:36	1
Benzo[a]anthracene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 20:36	1
Benzo[a]pyrene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 20:36	1
Benzo[b]fluoranthene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 20:36	1
Benzo[g,h,i]perylene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 20:36	1
Benzo[k]fluoranthene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 20:36	1
Chrysene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 20:36	1
Dibenz(a,h)anthracene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 20:36	1
Fluoranthene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 20:36	1
Fluorene	1.89		1.89		ug/L		10/09/12 10:09	10/10/12 20:36	1
Indeno[1,2,3-cd]pyrene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 20:36	1
Naphthalene	92.5		1.89		ug/L		10/09/12 10:09	10/10/12 20:36	1
Phenanthrene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 20:36	1
Pyrene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 20:36	1
1-Methylnaphthalene	46.4		1.89		ug/L		10/09/12 10:09	10/10/12 20:36	1
2-Methylnaphthalene	60.2		1.89		ug/L		10/09/12 10:09	10/10/12 20:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	76		27 - 120	10/09/12 10:09	10/10/12 20:36	1
Terphenyl-d14 (Surr)	53		13 - 120	10/09/12 10:09	10/10/12 20:36	1
2-Fluorobiphenyl (Surr)	77		29 - 120	10/09/12 10:09	10/10/12 20:36	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: MW-12

Lab Sample ID: 490-8500-3

Date Collected: 10/03/12 10:25

Matrix: Water

Date Received: 10/05/12 08:30

Method: 9056 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.3		1.00		mg/L			10/09/12 05:28	1
Sulfate	ND		1.00		mg/L			10/09/12 05:28	1

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
As	ND		0.0100		mg/L		10/09/12 14:40	10/10/12 17:23	1
Ba	8.32		0.0100		mg/L		10/09/12 14:40	10/10/12 17:23	1
Cd	ND		0.00100		mg/L		10/09/12 14:40	10/10/12 17:23	1
Cr	ND		0.00500		mg/L		10/09/12 14:40	10/10/12 17:23	1
Pb	ND		0.00500		mg/L		10/09/12 14:40	10/10/12 17:23	1
Se	ND		0.0100		mg/L		10/09/12 14:40	10/10/12 17:23	1
Ag	ND		0.00500		mg/L		10/09/12 14:40	10/10/12 17:23	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200		mg/L		10/10/12 07:56	10/17/12 10:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3	694		10.0		mg/L			10/13/12 11:18	1
Total Dissolved Solids	724		10.0		mg/L			10/06/12 11:08	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: MW-11

Lab Sample ID: 490-8500-4

Date Collected: 10/03/12 11:05

Matrix: Water

Date Received: 10/05/12 08:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.00		ug/L			10/12/12 02:33	1
1,1,1-Trichloroethane	ND		1.00		ug/L			10/12/12 02:33	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			10/12/12 02:33	1
1,1,2-Trichloroethane	ND		1.00		ug/L			10/12/12 02:33	1
1,1-Dichloroethane	ND		1.00		ug/L			10/12/12 02:33	1
1,1-Dichloroethene	ND		1.00		ug/L			10/12/12 02:33	1
1,1-Dichloropropene	ND		1.00		ug/L			10/12/12 02:33	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			10/12/12 02:33	1
1,2,3-Trichloropropane	ND		1.00		ug/L			10/12/12 02:33	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			10/12/12 02:33	1
1,2,4-Trimethylbenzene	ND		1.00		ug/L			10/12/12 02:33	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			10/12/12 02:33	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			10/12/12 02:33	1
1,2-Dichlorobenzene	ND		1.00		ug/L			10/12/12 02:33	1
1,2-Dichloroethane	ND		1.00		ug/L			10/12/12 02:33	1
1,2-Dichloropropane	ND		1.00		ug/L			10/12/12 02:33	1
1,3,5-Trimethylbenzene	ND		1.00		ug/L			10/12/12 02:33	1
1,3-Dichlorobenzene	ND		1.00		ug/L			10/12/12 02:33	1
1,3-Dichloropropane	ND		1.00		ug/L			10/12/12 02:33	1
1,4-Dichlorobenzene	ND		1.00		ug/L			10/12/12 02:33	1
2,2-Dichloropropane	ND		1.00		ug/L			10/12/12 02:33	1
2-Butanone (MEK)	ND		50.0		ug/L			10/12/12 02:33	1
2-Chlorotoluene	ND		1.00		ug/L			10/12/12 02:33	1
2-Hexanone	ND		10.0		ug/L			10/12/12 02:33	1
4-Chlorotoluene	ND		1.00		ug/L			10/12/12 02:33	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			10/12/12 02:33	1
Acetone	ND		50.0		ug/L			10/12/12 02:33	1
Benzene	ND		1.00		ug/L			10/12/12 02:33	1
Bromobenzene	ND		1.00		ug/L			10/12/12 02:33	1
Bromochloromethane	ND		1.00		ug/L			10/12/12 02:33	1
Bromodichloromethane	ND		1.00		ug/L			10/12/12 02:33	1
Bromoform	ND		1.00		ug/L			10/12/12 02:33	1
Bromomethane	ND		1.00		ug/L			10/12/12 02:33	1
Carbon disulfide	ND		1.00		ug/L			10/12/12 02:33	1
Carbon tetrachloride	ND		1.00		ug/L			10/12/12 02:33	1
Chlorobenzene	ND		1.00		ug/L			10/12/12 02:33	1
Chlorodibromomethane	ND		1.00		ug/L			10/12/12 02:33	1
Chloroethane	ND		1.00		ug/L			10/12/12 02:33	1
Chloroform	ND		1.00		ug/L			10/12/12 02:33	1
Chloromethane	ND		1.00		ug/L			10/12/12 02:33	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			10/12/12 02:33	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			10/12/12 02:33	1
Dibromomethane	ND		1.00		ug/L			10/12/12 02:33	1
Dichlorodifluoromethane	ND		1.00		ug/L			10/12/12 02:33	1
Ethylbenzene	ND		1.00		ug/L			10/12/12 02:33	1
Hexachlorobutadiene	ND		2.00		ug/L			10/12/12 02:33	1
Isopropylbenzene	ND		1.00		ug/L			10/12/12 02:33	1
Methyl tert-butyl ether	ND		1.00		ug/L			10/12/12 02:33	1
Methylene Chloride	ND		5.00		ug/L			10/12/12 02:33	1
Naphthalene	ND		5.00		ug/L			10/12/12 02:33	1
n-Butylbenzene	ND		1.00		ug/L			10/12/12 02:33	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: MW-11

Lab Sample ID: 490-8500-4

Date Collected: 10/03/12 11:05

Matrix: Water

Date Received: 10/05/12 08:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		1.00		ug/L			10/12/12 02:33	1
p-Isopropyltoluene	ND		1.00		ug/L			10/12/12 02:33	1
sec-Butylbenzene	ND		1.00		ug/L			10/12/12 02:33	1
Styrene	ND		1.00		ug/L			10/12/12 02:33	1
tert-Butylbenzene	ND		1.00		ug/L			10/12/12 02:33	1
Tetrachloroethene	ND		1.00		ug/L			10/12/12 02:33	1
Toluene	ND		1.00		ug/L			10/12/12 02:33	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			10/12/12 02:33	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			10/12/12 02:33	1
Trichloroethene	ND		1.00		ug/L			10/12/12 02:33	1
Trichlorofluoromethane	ND		1.00		ug/L			10/12/12 02:33	1
Vinyl chloride	ND		1.00		ug/L			10/12/12 02:33	1
Xylenes, Total	ND		3.00		ug/L			10/12/12 02:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		70 - 130		10/12/12 02:33	1
4-Bromofluorobenzene (Surr)	96		70 - 130		10/12/12 02:33	1
Dibromofluoromethane (Surr)	100		70 - 130		10/12/12 02:33	1
Toluene-d8 (Surr)	97		70 - 130		10/12/12 02:33	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.94		ug/L		10/09/12 10:09	10/10/12 21:01	1
Acenaphthylene	ND		1.94		ug/L		10/09/12 10:09	10/10/12 21:01	1
Anthracene	ND		1.94		ug/L		10/09/12 10:09	10/10/12 21:01	1
Benzo[a]anthracene	ND		1.94		ug/L		10/09/12 10:09	10/10/12 21:01	1
Benzo[a]pyrene	ND		1.94		ug/L		10/09/12 10:09	10/10/12 21:01	1
Benzo[b]fluoranthene	ND		1.94		ug/L		10/09/12 10:09	10/10/12 21:01	1
Benzo[g,h,i]perylene	ND		1.94		ug/L		10/09/12 10:09	10/10/12 21:01	1
Benzo[k]fluoranthene	ND		1.94		ug/L		10/09/12 10:09	10/10/12 21:01	1
Chrysene	ND		1.94		ug/L		10/09/12 10:09	10/10/12 21:01	1
Dibenz(a,h)anthracene	ND		1.94		ug/L		10/09/12 10:09	10/10/12 21:01	1
Fluoranthene	ND		1.94		ug/L		10/09/12 10:09	10/10/12 21:01	1
Fluorene	ND		1.94		ug/L		10/09/12 10:09	10/10/12 21:01	1
Indeno[1,2,3-cd]pyrene	ND		1.94		ug/L		10/09/12 10:09	10/10/12 21:01	1
Naphthalene	ND		1.94		ug/L		10/09/12 10:09	10/10/12 21:01	1
Phenanthrene	ND		1.94		ug/L		10/09/12 10:09	10/10/12 21:01	1
Pyrene	ND		1.94		ug/L		10/09/12 10:09	10/10/12 21:01	1
1-Methylnaphthalene	ND		1.94		ug/L		10/09/12 10:09	10/10/12 21:01	1
2-Methylnaphthalene	ND		1.94		ug/L		10/09/12 10:09	10/10/12 21:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	80		27 - 120	10/09/12 10:09	10/10/12 21:01	1
Terphenyl-d14 (Surr)	60		13 - 120	10/09/12 10:09	10/10/12 21:01	1
2-Fluorobiphenyl (Surr)	75		29 - 120	10/09/12 10:09	10/10/12 21:01	1

Method: 9056 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	405		10.0		mg/L			10/09/12 21:45	10
Sulfate	121		10.0		mg/L			10/09/12 21:45	10

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: MW-11

Lab Sample ID: 490-8500-4

Date Collected: 10/03/12 11:05

Matrix: Water

Date Received: 10/05/12 08:30

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
As	0.0171		0.0100		mg/L		10/09/12 14:40	10/10/12 17:27	1
Ba	0.0551		0.0100		mg/L		10/09/12 14:40	10/10/12 17:27	1
Cd	ND		0.00100		mg/L		10/09/12 14:40	10/10/12 17:27	1
Cr	ND		0.00500		mg/L		10/09/12 14:40	10/10/12 17:27	1
Pb	ND		0.00500		mg/L		10/09/12 14:40	10/10/12 17:27	1
Se	ND		0.0100		mg/L		10/09/12 14:40	10/10/12 17:27	1
Ag	ND		0.00500		mg/L		10/09/12 14:40	10/10/12 17:27	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200		mg/L		10/10/12 07:56	10/17/12 10:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO ₃	490		10.0		mg/L			10/13/12 11:24	1
Total Dissolved Solids	1500		20.0		mg/L			10/06/12 11:08	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: MW-10

Lab Sample ID: 490-8500-5

Date Collected: 10/03/12 11:40

Matrix: Water

Date Received: 10/05/12 08:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.00		ug/L			10/10/12 20:31	1
1,1,1-Trichloroethane	ND		1.00		ug/L			10/10/12 20:31	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			10/10/12 20:31	1
1,1,2-Trichloroethane	ND		1.00		ug/L			10/10/12 20:31	1
1,1-Dichloroethane	ND		1.00		ug/L			10/10/12 20:31	1
1,1-Dichloroethene	ND		1.00		ug/L			10/10/12 20:31	1
1,1-Dichloropropene	ND		1.00		ug/L			10/10/12 20:31	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			10/10/12 20:31	1
1,2,3-Trichloropropane	ND		1.00		ug/L			10/10/12 20:31	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			10/10/12 20:31	1
1,2,4-Trimethylbenzene	ND		1.00		ug/L			10/10/12 20:31	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			10/10/12 20:31	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			10/10/12 20:31	1
1,2-Dichlorobenzene	ND		1.00		ug/L			10/10/12 20:31	1
1,2-Dichloroethane	ND		1.00		ug/L			10/10/12 20:31	1
1,2-Dichloropropane	ND		1.00		ug/L			10/10/12 20:31	1
1,3,5-Trimethylbenzene	ND		1.00		ug/L			10/10/12 20:31	1
1,3-Dichlorobenzene	ND		1.00		ug/L			10/10/12 20:31	1
1,3-Dichloropropane	ND		1.00		ug/L			10/10/12 20:31	1
1,4-Dichlorobenzene	ND		1.00		ug/L			10/10/12 20:31	1
2,2-Dichloropropane	ND		1.00		ug/L			10/10/12 20:31	1
2-Butanone (MEK)	ND		50.0		ug/L			10/10/12 20:31	1
2-Chlorotoluene	ND		1.00		ug/L			10/10/12 20:31	1
2-Hexanone	ND		10.0		ug/L			10/10/12 20:31	1
4-Chlorotoluene	ND		1.00		ug/L			10/10/12 20:31	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			10/10/12 20:31	1
Acetone	ND		50.0		ug/L			10/10/12 20:31	1
Benzene	ND		1.00		ug/L			10/10/12 20:31	1
Bromobenzene	ND		1.00		ug/L			10/10/12 20:31	1
Bromochloromethane	ND		1.00		ug/L			10/10/12 20:31	1
Bromodichloromethane	ND		1.00		ug/L			10/10/12 20:31	1
Bromoform	ND		1.00		ug/L			10/10/12 20:31	1
Bromomethane	ND		1.00		ug/L			10/10/12 20:31	1
Carbon disulfide	ND		1.00		ug/L			10/10/12 20:31	1
Carbon tetrachloride	ND		1.00		ug/L			10/10/12 20:31	1
Chlorobenzene	ND		1.00		ug/L			10/10/12 20:31	1
Chlorodibromomethane	ND		1.00		ug/L			10/10/12 20:31	1
Chloroethane	ND		1.00		ug/L			10/10/12 20:31	1
Chloroform	ND		1.00		ug/L			10/10/12 20:31	1
Chloromethane	ND		1.00		ug/L			10/10/12 20:31	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			10/10/12 20:31	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			10/10/12 20:31	1
Dibromomethane	ND		1.00		ug/L			10/10/12 20:31	1
Dichlorodifluoromethane	ND		1.00		ug/L			10/10/12 20:31	1
Ethylbenzene	ND		1.00		ug/L			10/10/12 20:31	1
Hexachlorobutadiene	ND		2.00		ug/L			10/10/12 20:31	1
Isopropylbenzene	ND		1.00		ug/L			10/10/12 20:31	1
Methyl tert-butyl ether	ND		1.00		ug/L			10/10/12 20:31	1
Methylene Chloride	ND		5.00		ug/L			10/10/12 20:31	1
Naphthalene	ND		5.00		ug/L			10/10/12 20:31	1
n-Butylbenzene	ND		1.00		ug/L			10/10/12 20:31	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: MW-10

Lab Sample ID: 490-8500-5

Date Collected: 10/03/12 11:40

Matrix: Water

Date Received: 10/05/12 08:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		1.00		ug/L			10/10/12 20:31	1
p-Isopropyltoluene	ND		1.00		ug/L			10/10/12 20:31	1
sec-Butylbenzene	ND		1.00		ug/L			10/10/12 20:31	1
Styrene	ND		1.00		ug/L			10/10/12 20:31	1
tert-Butylbenzene	ND		1.00		ug/L			10/10/12 20:31	1
Tetrachloroethene	ND		1.00		ug/L			10/10/12 20:31	1
Toluene	ND		1.00		ug/L			10/10/12 20:31	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			10/10/12 20:31	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			10/10/12 20:31	1
Trichloroethene	ND		1.00		ug/L			10/10/12 20:31	1
Trichlorofluoromethane	ND		1.00		ug/L			10/10/12 20:31	1
Vinyl chloride	ND		1.00		ug/L			10/10/12 20:31	1
Xylenes, Total	ND		3.00		ug/L			10/10/12 20:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		70 - 130		10/10/12 20:31	1
4-Bromofluorobenzene (Surr)	97		70 - 130		10/10/12 20:31	1
Dibromofluoromethane (Surr)	99		70 - 130		10/10/12 20:31	1
Toluene-d8 (Surr)	98		70 - 130		10/10/12 20:31	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.90		ug/L		10/09/12 10:09	10/10/12 21:26	1
Acenaphthylene	ND		1.90		ug/L		10/09/12 10:09	10/10/12 21:26	1
Anthracene	ND		1.90		ug/L		10/09/12 10:09	10/10/12 21:26	1
Benzo[a]anthracene	ND		1.90		ug/L		10/09/12 10:09	10/10/12 21:26	1
Benzo[a]pyrene	ND		1.90		ug/L		10/09/12 10:09	10/10/12 21:26	1
Benzo[b]fluoranthene	ND		1.90		ug/L		10/09/12 10:09	10/10/12 21:26	1
Benzo[g,h,i]perylene	ND		1.90		ug/L		10/09/12 10:09	10/10/12 21:26	1
Benzo[k]fluoranthene	ND		1.90		ug/L		10/09/12 10:09	10/10/12 21:26	1
Chrysene	ND		1.90		ug/L		10/09/12 10:09	10/10/12 21:26	1
Dibenz(a,h)anthracene	ND		1.90		ug/L		10/09/12 10:09	10/10/12 21:26	1
Fluoranthene	ND		1.90		ug/L		10/09/12 10:09	10/10/12 21:26	1
Fluorene	ND		1.90		ug/L		10/09/12 10:09	10/10/12 21:26	1
Indeno[1,2,3-cd]pyrene	ND		1.90		ug/L		10/09/12 10:09	10/10/12 21:26	1
Naphthalene	ND		1.90		ug/L		10/09/12 10:09	10/10/12 21:26	1
Phenanthrene	ND		1.90		ug/L		10/09/12 10:09	10/10/12 21:26	1
Pyrene	ND		1.90		ug/L		10/09/12 10:09	10/10/12 21:26	1
1-Methylnaphthalene	ND		1.90		ug/L		10/09/12 10:09	10/10/12 21:26	1
2-Methylnaphthalene	ND		1.90		ug/L		10/09/12 10:09	10/10/12 21:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	79		27 - 120	10/09/12 10:09	10/10/12 21:26	1
Terphenyl-d14 (Surr)	53		13 - 120	10/09/12 10:09	10/10/12 21:26	1
2-Fluorobiphenyl (Surr)	75		29 - 120	10/09/12 10:09	10/10/12 21:26	1

Method: 9056 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	259		5.00		mg/L			10/09/12 22:10	5
Sulfate	99.2		1.00		mg/L			10/09/12 06:08	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: MW-10

Lab Sample ID: 490-8500-5

Date Collected: 10/03/12 11:40

Matrix: Water

Date Received: 10/05/12 08:30

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
As	ND		0.0100		mg/L		10/09/12 14:40	10/10/12 17:30	1
Ba	0.0672		0.0100		mg/L		10/09/12 14:40	10/10/12 17:30	1
Cd	ND		0.00100		mg/L		10/09/12 14:40	10/10/12 17:30	1
Cr	ND		0.00500		mg/L		10/09/12 14:40	10/10/12 17:30	1
Pb	ND		0.00500		mg/L		10/09/12 14:40	10/10/12 17:30	1
Se	ND		0.0100		mg/L		10/09/12 14:40	10/10/12 17:30	1
Ag	ND		0.00500		mg/L		10/09/12 14:40	10/10/12 17:30	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00106		0.000200		mg/L		10/10/12 07:56	10/17/12 10:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3	595		10.0		mg/L			10/13/12 11:30	1
Total Dissolved Solids	1450		20.0		mg/L			10/06/12 11:08	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: MW-6

Lab Sample ID: 490-8500-6

Date Collected: 10/03/12 12:20

Matrix: Water

Date Received: 10/05/12 08:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.00		ug/L			10/10/12 20:58	1
1,1,1-Trichloroethane	ND		1.00		ug/L			10/10/12 20:58	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			10/10/12 20:58	1
1,1,2-Trichloroethane	ND		1.00		ug/L			10/10/12 20:58	1
1,1-Dichloroethane	ND		1.00		ug/L			10/10/12 20:58	1
1,1-Dichloroethene	ND		1.00		ug/L			10/10/12 20:58	1
1,1-Dichloropropene	ND		1.00		ug/L			10/10/12 20:58	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			10/10/12 20:58	1
1,2,3-Trichloropropane	ND		1.00		ug/L			10/10/12 20:58	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			10/10/12 20:58	1
1,2,4-Trimethylbenzene	ND		1.00		ug/L			10/10/12 20:58	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			10/10/12 20:58	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			10/10/12 20:58	1
1,2-Dichlorobenzene	ND		1.00		ug/L			10/10/12 20:58	1
1,2-Dichloroethane	ND		1.00		ug/L			10/10/12 20:58	1
1,2-Dichloropropane	ND		1.00		ug/L			10/10/12 20:58	1
1,3,5-Trimethylbenzene	ND		1.00		ug/L			10/10/12 20:58	1
1,3-Dichlorobenzene	ND		1.00		ug/L			10/10/12 20:58	1
1,3-Dichloropropane	ND		1.00		ug/L			10/10/12 20:58	1
1,4-Dichlorobenzene	ND		1.00		ug/L			10/10/12 20:58	1
2,2-Dichloropropane	ND		1.00		ug/L			10/10/12 20:58	1
2-Butanone (MEK)	ND		50.0		ug/L			10/10/12 20:58	1
2-Chlorotoluene	ND		1.00		ug/L			10/10/12 20:58	1
2-Hexanone	ND		10.0		ug/L			10/10/12 20:58	1
4-Chlorotoluene	ND		1.00		ug/L			10/10/12 20:58	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			10/10/12 20:58	1
Acetone	ND		50.0		ug/L			10/10/12 20:58	1
Benzene	ND		1.00		ug/L			10/10/12 20:58	1
Bromobenzene	ND		1.00		ug/L			10/10/12 20:58	1
Bromochloromethane	ND		1.00		ug/L			10/10/12 20:58	1
Bromodichloromethane	ND		1.00		ug/L			10/10/12 20:58	1
Bromoform	ND		1.00		ug/L			10/10/12 20:58	1
Bromomethane	ND		1.00		ug/L			10/10/12 20:58	1
Carbon disulfide	ND		1.00		ug/L			10/10/12 20:58	1
Carbon tetrachloride	ND		1.00		ug/L			10/10/12 20:58	1
Chlorobenzene	ND		1.00		ug/L			10/10/12 20:58	1
Chlorodibromomethane	ND		1.00		ug/L			10/10/12 20:58	1
Chloroethane	ND		1.00		ug/L			10/10/12 20:58	1
Chloroform	ND		1.00		ug/L			10/10/12 20:58	1
Chloromethane	ND		1.00		ug/L			10/10/12 20:58	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			10/10/12 20:58	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			10/10/12 20:58	1
Dibromomethane	ND		1.00		ug/L			10/10/12 20:58	1
Dichlorodifluoromethane	ND		1.00		ug/L			10/10/12 20:58	1
Ethylbenzene	ND		1.00		ug/L			10/10/12 20:58	1
Hexachlorobutadiene	ND		2.00		ug/L			10/10/12 20:58	1
Isopropylbenzene	ND		1.00		ug/L			10/10/12 20:58	1
Methyl tert-butyl ether	ND		1.00		ug/L			10/10/12 20:58	1
Methylene Chloride	ND		5.00		ug/L			10/10/12 20:58	1
Naphthalene	ND		5.00		ug/L			10/10/12 20:58	1
n-Butylbenzene	ND		1.00		ug/L			10/10/12 20:58	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: MW-6

Lab Sample ID: 490-8500-6

Date Collected: 10/03/12 12:20

Matrix: Water

Date Received: 10/05/12 08:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		1.00		ug/L			10/10/12 20:58	1
p-Isopropyltoluene	ND		1.00		ug/L			10/10/12 20:58	1
sec-Butylbenzene	ND		1.00		ug/L			10/10/12 20:58	1
Styrene	ND		1.00		ug/L			10/10/12 20:58	1
tert-Butylbenzene	ND		1.00		ug/L			10/10/12 20:58	1
Tetrachloroethene	ND		1.00		ug/L			10/10/12 20:58	1
Toluene	ND		1.00		ug/L			10/10/12 20:58	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			10/10/12 20:58	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			10/10/12 20:58	1
Trichloroethene	ND		1.00		ug/L			10/10/12 20:58	1
Trichlorofluoromethane	ND		1.00		ug/L			10/10/12 20:58	1
Vinyl chloride	ND		1.00		ug/L			10/10/12 20:58	1
Xylenes, Total	ND		3.00		ug/L			10/10/12 20:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		70 - 130		10/10/12 20:58	1
4-Bromofluorobenzene (Surr)	97		70 - 130		10/10/12 20:58	1
Dibromofluoromethane (Surr)	90		70 - 130		10/10/12 20:58	1
Toluene-d8 (Surr)	100		70 - 130		10/10/12 20:58	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 21:51	1
Acenaphthylene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 21:51	1
Anthracene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 21:51	1
Benzo[a]anthracene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 21:51	1
Benzo[a]pyrene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 21:51	1
Benzo[b]fluoranthene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 21:51	1
Benzo[g,h,i]perylene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 21:51	1
Benzo[k]fluoranthene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 21:51	1
Chrysene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 21:51	1
Dibenz(a,h)anthracene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 21:51	1
Fluoranthene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 21:51	1
Fluorene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 21:51	1
Indeno[1,2,3-cd]pyrene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 21:51	1
Naphthalene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 21:51	1
Phenanthrene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 21:51	1
Pyrene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 21:51	1
1-Methylnaphthalene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 21:51	1
2-Methylnaphthalene	ND		1.89		ug/L		10/09/12 10:09	10/10/12 21:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	70		27 - 120	10/09/12 10:09	10/10/12 21:51	1
Terphenyl-d14 (Surr)	46		13 - 120	10/09/12 10:09	10/10/12 21:51	1
2-Fluorobiphenyl (Surr)	70		29 - 120	10/09/12 10:09	10/10/12 21:51	1

Method: 9056 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.91		1.00		mg/L			10/09/12 06:28	1
Sulfate	26.4		1.00		mg/L			10/09/12 06:28	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: MW-6

Lab Sample ID: 490-8500-6

Date Collected: 10/03/12 12:20

Matrix: Water

Date Received: 10/05/12 08:30

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
As	ND		0.0100		mg/L		10/09/12 14:40	10/10/12 17:33	1
Ba	0.121		0.0100		mg/L		10/09/12 14:40	10/10/12 17:33	1
Cd	ND		0.00100		mg/L		10/09/12 14:40	10/10/12 17:33	1
Cr	ND		0.00500		mg/L		10/09/12 14:40	10/10/12 17:33	1
Pb	ND		0.00500		mg/L		10/09/12 14:40	10/10/12 17:33	1
Se	ND		0.0100		mg/L		10/09/12 14:40	10/10/12 17:33	1
Ag	ND		0.00500		mg/L		10/09/12 14:40	10/10/12 17:33	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200		mg/L		10/10/12 07:56	10/17/12 10:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO ₃	446		10.0		mg/L			10/13/12 11:47	1
Total Dissolved Solids	566		10.0		mg/L			10/06/12 12:10	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: MW-16

Lab Sample ID: 490-8500-7

Date Collected: 10/03/12 13:15

Matrix: Water

Date Received: 10/05/12 08:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.00		ug/L			10/10/12 21:25	1
1,1,1-Trichloroethane	ND		1.00		ug/L			10/10/12 21:25	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			10/10/12 21:25	1
1,1,2-Trichloroethane	ND		1.00		ug/L			10/10/12 21:25	1
1,1-Dichloroethane	ND		1.00		ug/L			10/10/12 21:25	1
1,1-Dichloroethene	ND		1.00		ug/L			10/10/12 21:25	1
1,1-Dichloropropene	ND		1.00		ug/L			10/10/12 21:25	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			10/10/12 21:25	1
1,2,3-Trichloropropane	ND		1.00		ug/L			10/10/12 21:25	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			10/10/12 21:25	1
1,2,4-Trimethylbenzene	80.2		1.00		ug/L			10/10/12 21:25	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			10/10/12 21:25	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			10/10/12 21:25	1
1,2-Dichlorobenzene	ND		1.00		ug/L			10/10/12 21:25	1
1,2-Dichloroethane	ND		1.00		ug/L			10/10/12 21:25	1
1,2-Dichloropropane	ND		1.00		ug/L			10/10/12 21:25	1
1,3,5-Trimethylbenzene	25.3		1.00		ug/L			10/10/12 21:25	1
1,3-Dichlorobenzene	ND		1.00		ug/L			10/10/12 21:25	1
1,3-Dichloropropane	ND		1.00		ug/L			10/10/12 21:25	1
1,4-Dichlorobenzene	ND		1.00		ug/L			10/10/12 21:25	1
2,2-Dichloropropane	ND		1.00		ug/L			10/10/12 21:25	1
2-Butanone (MEK)	ND		50.0		ug/L			10/10/12 21:25	1
2-Chlorotoluene	ND		1.00		ug/L			10/10/12 21:25	1
2-Hexanone	ND		10.0		ug/L			10/10/12 21:25	1
4-Chlorotoluene	ND		1.00		ug/L			10/10/12 21:25	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			10/10/12 21:25	1
Acetone	ND		50.0		ug/L			10/10/12 21:25	1
Benzene	1.92		1.00		ug/L			10/10/12 21:25	1
Bromobenzene	ND		1.00		ug/L			10/10/12 21:25	1
Bromochloromethane	ND		1.00		ug/L			10/10/12 21:25	1
Bromodichloromethane	ND		1.00		ug/L			10/10/12 21:25	1
Bromoform	ND		1.00		ug/L			10/10/12 21:25	1
Bromomethane	ND		1.00		ug/L			10/10/12 21:25	1
Carbon disulfide	ND		1.00		ug/L			10/10/12 21:25	1
Carbon tetrachloride	ND		1.00		ug/L			10/10/12 21:25	1
Chlorobenzene	ND		1.00		ug/L			10/10/12 21:25	1
Chlorodibromomethane	ND		1.00		ug/L			10/10/12 21:25	1
Chloroethane	ND		1.00		ug/L			10/10/12 21:25	1
Chloroform	ND		1.00		ug/L			10/10/12 21:25	1
Chloromethane	ND		1.00		ug/L			10/10/12 21:25	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			10/10/12 21:25	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			10/10/12 21:25	1
Dibromomethane	ND		1.00		ug/L			10/10/12 21:25	1
Dichlorodifluoromethane	ND		1.00		ug/L			10/10/12 21:25	1
Ethylbenzene	63.7		1.00		ug/L			10/10/12 21:25	1
Hexachlorobutadiene	ND		2.00		ug/L			10/10/12 21:25	1
Isopropylbenzene	12.6		1.00		ug/L			10/10/12 21:25	1
Methyl tert-butyl ether	ND		1.00		ug/L			10/10/12 21:25	1
Methylene Chloride	ND		5.00		ug/L			10/10/12 21:25	1
Naphthalene	8.55		5.00		ug/L			10/10/12 21:25	1
n-Butylbenzene	3.39		1.00		ug/L			10/10/12 21:25	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: MW-16

Lab Sample ID: 490-8500-7

Date Collected: 10/03/12 13:15

Matrix: Water

Date Received: 10/05/12 08:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	11.3		1.00		ug/L			10/10/12 21:25	1
p-Isopropyltoluene	2.42		1.00		ug/L			10/10/12 21:25	1
sec-Butylbenzene	4.15		1.00		ug/L			10/10/12 21:25	1
Styrene	ND		1.00		ug/L			10/10/12 21:25	1
tert-Butylbenzene	1.25		1.00		ug/L			10/10/12 21:25	1
Tetrachloroethene	ND		1.00		ug/L			10/10/12 21:25	1
Toluene	ND		1.00		ug/L			10/10/12 21:25	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			10/10/12 21:25	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			10/10/12 21:25	1
Trichloroethene	ND		1.00		ug/L			10/10/12 21:25	1
Trichlorofluoromethane	ND		1.00		ug/L			10/10/12 21:25	1
Vinyl chloride	ND		1.00		ug/L			10/10/12 21:25	1
Xylenes, Total	77.0		3.00		ug/L			10/10/12 21:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	80		70 - 130					10/10/12 21:25	1
4-Bromofluorobenzene (Surr)	96		70 - 130					10/10/12 21:25	1
Dibromofluoromethane (Surr)	90		70 - 130					10/10/12 21:25	1
Toluene-d8 (Surr)	101		70 - 130					10/10/12 21:25	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 11:50	1
Acenaphthylene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 11:50	1
Anthracene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 11:50	1
Benzo[a]anthracene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 11:50	1
Benzo[a]pyrene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 11:50	1
Benzo[b]fluoranthene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 11:50	1
Benzo[g,h,i]perylene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 11:50	1
Benzo[k]fluoranthene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 11:50	1
Chrysene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 11:50	1
Dibenz(a,h)anthracene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 11:50	1
Fluoranthene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 11:50	1
Fluorene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 11:50	1
Indeno[1,2,3-cd]pyrene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 11:50	1
Naphthalene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 11:50	1
Phenanthrene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 11:50	1
Pyrene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 11:50	1
1-Methylnaphthalene	4.29		1.89		ug/L		10/09/12 10:09	10/11/12 11:50	1
2-Methylnaphthalene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 11:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	76		27 - 120				10/09/12 10:09	10/11/12 11:50	1
Terphenyl-d14 (Surr)	47		13 - 120				10/09/12 10:09	10/11/12 11:50	1
2-Fluorobiphenyl (Surr)	66		29 - 120				10/09/12 10:09	10/11/12 11:50	1

Method: 9056 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.00		1.00		mg/L			10/09/12 06:48	1
Sulfate	1.81		1.00		mg/L			10/09/12 06:48	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: MW-16

Lab Sample ID: 490-8500-7

Date Collected: 10/03/12 13:15

Matrix: Water

Date Received: 10/05/12 08:30

Method: 6010B - Metals (ICP) - Dissolved									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
As	0.0193		0.0100		mg/L		10/09/12 14:40	10/10/12 17:36	1
Ba	1.93		0.0100		mg/L		10/09/12 14:40	10/10/12 17:36	1
Cd	ND		0.00100		mg/L		10/09/12 14:40	10/10/12 17:36	1
Cr	ND		0.00500		mg/L		10/09/12 14:40	10/10/12 17:36	1
Pb	ND		0.00500		mg/L		10/09/12 14:40	10/10/12 17:36	1
Se	ND		0.0100		mg/L		10/09/12 14:40	10/10/12 17:36	1
Ag	ND		0.00500		mg/L		10/09/12 14:40	10/10/12 17:36	1

Method: 7470A - Mercury (CVAA) - Dissolved									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200		mg/L		10/10/12 07:56	10/17/12 10:48	1

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO ₃	721		10.0		mg/L			10/13/12 11:54	1
Total Dissolved Solids	769		10.0		mg/L			10/06/12 12:10	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: MW-19

Lab Sample ID: 490-8500-8

Date Collected: 10/03/12 14:05

Matrix: Water

Date Received: 10/05/12 08:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.00		ug/L			10/10/12 21:52	1
1,1,1-Trichloroethane	ND		1.00		ug/L			10/10/12 21:52	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			10/10/12 21:52	1
1,1,2-Trichloroethane	ND		1.00		ug/L			10/10/12 21:52	1
1,1-Dichloroethane	ND		1.00		ug/L			10/10/12 21:52	1
1,1-Dichloroethene	ND	*	1.00		ug/L			10/10/12 21:52	1
1,1-Dichloropropene	ND		1.00		ug/L			10/10/12 21:52	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			10/10/12 21:52	1
1,2,3-Trichloropropane	ND		1.00		ug/L			10/10/12 21:52	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			10/10/12 21:52	1
1,2,4-Trimethylbenzene	ND		1.00		ug/L			10/10/12 21:52	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			10/10/12 21:52	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			10/10/12 21:52	1
1,2-Dichlorobenzene	ND		1.00		ug/L			10/10/12 21:52	1
1,2-Dichloroethane	ND		1.00		ug/L			10/10/12 21:52	1
1,2-Dichloropropane	ND		1.00		ug/L			10/10/12 21:52	1
1,3,5-Trimethylbenzene	ND		1.00		ug/L			10/10/12 21:52	1
1,3-Dichlorobenzene	ND		1.00		ug/L			10/10/12 21:52	1
1,3-Dichloropropane	ND		1.00		ug/L			10/10/12 21:52	1
1,4-Dichlorobenzene	ND		1.00		ug/L			10/10/12 21:52	1
2,2-Dichloropropane	ND		1.00		ug/L			10/10/12 21:52	1
2-Butanone (MEK)	ND		50.0		ug/L			10/10/12 21:52	1
2-Chlorotoluene	ND		1.00		ug/L			10/10/12 21:52	1
2-Hexanone	ND		10.0		ug/L			10/10/12 21:52	1
4-Chlorotoluene	ND		1.00		ug/L			10/10/12 21:52	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			10/10/12 21:52	1
Acetone	ND		50.0		ug/L			10/10/12 21:52	1
Benzene	ND		1.00		ug/L			10/10/12 21:52	1
Bromobenzene	ND		1.00		ug/L			10/10/12 21:52	1
Bromochloromethane	ND		1.00		ug/L			10/10/12 21:52	1
Bromodichloromethane	ND		1.00		ug/L			10/10/12 21:52	1
Bromoform	ND		1.00		ug/L			10/10/12 21:52	1
Bromomethane	ND		1.00		ug/L			10/10/12 21:52	1
Carbon disulfide	ND		1.00		ug/L			10/10/12 21:52	1
Carbon tetrachloride	ND		1.00		ug/L			10/10/12 21:52	1
Chlorobenzene	ND		1.00		ug/L			10/10/12 21:52	1
Chlorodibromomethane	ND		1.00		ug/L			10/10/12 21:52	1
Chloroethane	ND		1.00		ug/L			10/10/12 21:52	1
Chloroform	ND		1.00		ug/L			10/10/12 21:52	1
Chloromethane	ND		1.00		ug/L			10/10/12 21:52	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			10/10/12 21:52	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			10/10/12 21:52	1
Dibromomethane	ND		1.00		ug/L			10/10/12 21:52	1
Dichlorodifluoromethane	ND		1.00		ug/L			10/10/12 21:52	1
Ethylbenzene	ND		1.00		ug/L			10/10/12 21:52	1
Hexachlorobutadiene	ND		2.00		ug/L			10/10/12 21:52	1
Isopropylbenzene	ND		1.00		ug/L			10/10/12 21:52	1
Methyl tert-butyl ether	ND		1.00		ug/L			10/10/12 21:52	1
Methylene Chloride	ND		5.00		ug/L			10/10/12 21:52	1
Naphthalene	ND		5.00		ug/L			10/10/12 21:52	1
n-Butylbenzene	ND		1.00		ug/L			10/10/12 21:52	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: MW-19

Lab Sample ID: 490-8500-8

Date Collected: 10/03/12 14:05

Matrix: Water

Date Received: 10/05/12 08:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		1.00		ug/L			10/10/12 21:52	1
p-Isopropyltoluene	ND		1.00		ug/L			10/10/12 21:52	1
sec-Butylbenzene	ND		1.00		ug/L			10/10/12 21:52	1
Styrene	ND		1.00		ug/L			10/10/12 21:52	1
tert-Butylbenzene	ND		1.00		ug/L			10/10/12 21:52	1
Tetrachloroethene	ND		1.00		ug/L			10/10/12 21:52	1
Toluene	ND		1.00		ug/L			10/10/12 21:52	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			10/10/12 21:52	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			10/10/12 21:52	1
Trichloroethene	ND		1.00		ug/L			10/10/12 21:52	1
Trichlorofluoromethane	ND		1.00		ug/L			10/10/12 21:52	1
Vinyl chloride	ND		1.00		ug/L			10/10/12 21:52	1
Xylenes, Total	ND		3.00		ug/L			10/10/12 21:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		70 - 130					10/10/12 21:52	1
4-Bromofluorobenzene (Surr)	96		70 - 130					10/10/12 21:52	1
Dibromofluoromethane (Surr)	100		70 - 130					10/10/12 21:52	1
Toluene-d8 (Surr)	100		70 - 130					10/10/12 21:52	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 12:15	1
Acenaphthylene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 12:15	1
Anthracene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 12:15	1
Benzo[a]anthracene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 12:15	1
Benzo[a]pyrene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 12:15	1
Benzo[b]fluoranthene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 12:15	1
Benzo[g,h,i]perylene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 12:15	1
Benzo[k]fluoranthene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 12:15	1
Chrysene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 12:15	1
Dibenz(a,h)anthracene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 12:15	1
Fluoranthene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 12:15	1
Fluorene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 12:15	1
Indeno[1,2,3-cd]pyrene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 12:15	1
Naphthalene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 12:15	1
Phenanthrene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 12:15	1
Pyrene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 12:15	1
1-Methylnaphthalene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 12:15	1
2-Methylnaphthalene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 12:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	73		27 - 120				10/09/12 10:09	10/11/12 12:15	1
Terphenyl-d14 (Surr)	57		13 - 120				10/09/12 10:09	10/11/12 12:15	1
2-Fluorobiphenyl (Surr)	80		29 - 120				10/09/12 10:09	10/11/12 12:15	1

Method: 9056 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	33.8		1.00		mg/L			10/09/12 07:08	1
Sulfate	151		5.00		mg/L			10/09/12 22:35	5

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: MW-19

Lab Sample ID: 490-8500-8

Date Collected: 10/03/12 14:05

Matrix: Water

Date Received: 10/05/12 08:30

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
As	0.0308		0.0100		mg/L		10/09/12 14:40	10/10/12 17:39	1
Ba	0.0271		0.0100		mg/L		10/09/12 14:40	10/10/12 17:39	1
Cd	ND		0.00100		mg/L		10/09/12 14:40	10/10/12 17:39	1
Cr	ND		0.00500		mg/L		10/09/12 14:40	10/10/12 17:39	1
Pb	ND		0.00500		mg/L		10/09/12 14:40	10/10/12 17:39	1
Se	ND		0.0100		mg/L		10/09/12 14:40	10/10/12 17:39	1
Ag	ND		0.00500		mg/L		10/09/12 14:40	10/10/12 17:39	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200		mg/L		10/10/12 07:56	10/17/12 10:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3	195		10.0		mg/L			10/13/12 12:00	1
Total Dissolved Solids	579		10.0		mg/L			10/06/12 12:10	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: MW-14

Lab Sample ID: 490-8500-9

Date Collected: 10/03/12 14:50

Matrix: Water

Date Received: 10/05/12 08:30

Method: 8260B - Volatile Organic Compounds (GC/MS)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.00		ug/L			10/10/12 22:19	1
1,1,1-Trichloroethane	ND		1.00		ug/L			10/10/12 22:19	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			10/10/12 22:19	1
1,1,2-Trichloroethane	ND		1.00		ug/L			10/10/12 22:19	1
1,1-Dichloroethane	ND		1.00		ug/L			10/10/12 22:19	1
1,1-Dichloroethene	ND	*	1.00		ug/L			10/10/12 22:19	1
1,1-Dichloropropene	ND		1.00		ug/L			10/10/12 22:19	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			10/10/12 22:19	1
1,2,3-Trichloropropane	ND		1.00		ug/L			10/10/12 22:19	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			10/10/12 22:19	1
1,2,4-Trimethylbenzene	46.0		1.00		ug/L			10/10/12 22:19	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			10/10/12 22:19	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			10/10/12 22:19	1
1,2-Dichlorobenzene	ND		1.00		ug/L			10/10/12 22:19	1
1,2-Dichloroethane	ND		1.00		ug/L			10/10/12 22:19	1
1,2-Dichloropropane	ND		1.00		ug/L			10/10/12 22:19	1
1,3,5-Trimethylbenzene	1.32		1.00		ug/L			10/10/12 22:19	1
1,3-Dichlorobenzene	ND		1.00		ug/L			10/10/12 22:19	1
1,3-Dichloropropane	ND		1.00		ug/L			10/10/12 22:19	1
1,4-Dichlorobenzene	ND		1.00		ug/L			10/10/12 22:19	1
2,2-Dichloropropane	ND		1.00		ug/L			10/10/12 22:19	1
2-Butanone (MEK)	ND		50.0		ug/L			10/10/12 22:19	1
2-Chlorotoluene	ND		1.00		ug/L			10/10/12 22:19	1
2-Hexanone	ND		10.0		ug/L			10/10/12 22:19	1
4-Chlorotoluene	ND		1.00		ug/L			10/10/12 22:19	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			10/10/12 22:19	1
Acetone	ND		50.0		ug/L			10/10/12 22:19	1
Benzene	107		1.00		ug/L			10/10/12 22:19	1
Bromobenzene	ND		1.00		ug/L			10/10/12 22:19	1
Bromochloromethane	ND		1.00		ug/L			10/10/12 22:19	1
Bromodichloromethane	ND		1.00		ug/L			10/10/12 22:19	1
Bromoform	ND		1.00		ug/L			10/10/12 22:19	1
Bromomethane	ND		1.00		ug/L			10/10/12 22:19	1
Carbon disulfide	ND		1.00		ug/L			10/10/12 22:19	1
Carbon tetrachloride	ND		1.00		ug/L			10/10/12 22:19	1
Chlorobenzene	ND		1.00		ug/L			10/10/12 22:19	1
Chlorodibromomethane	ND		1.00		ug/L			10/10/12 22:19	1
Chloroethane	ND		1.00		ug/L			10/10/12 22:19	1
Chloroform	ND		1.00		ug/L			10/10/12 22:19	1
Chloromethane	ND		1.00		ug/L			10/10/12 22:19	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			10/10/12 22:19	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			10/10/12 22:19	1
Dibromomethane	ND		1.00		ug/L			10/10/12 22:19	1
Dichlorodifluoromethane	ND		1.00		ug/L			10/10/12 22:19	1
Ethylbenzene	96.5		1.00		ug/L			10/10/12 22:19	1
Hexachlorobutadiene	ND		2.00		ug/L			10/10/12 22:19	1
Isopropylbenzene	13.3		1.00		ug/L			10/10/12 22:19	1
Methyl tert-butyl ether	ND		1.00		ug/L			10/10/12 22:19	1
Methylene Chloride	ND		5.00		ug/L			10/10/12 22:19	1
Naphthalene	11.8		5.00		ug/L			10/10/12 22:19	1
n-Butylbenzene	ND		1.00		ug/L			10/10/12 22:19	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: MW-14

Lab Sample ID: 490-8500-9

Date Collected: 10/03/12 14:50

Matrix: Water

Date Received: 10/05/12 08:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	12.9		1.00		ug/L			10/10/12 22:19	1
p-Isopropyltoluene	2.52		1.00		ug/L			10/10/12 22:19	1
sec-Butylbenzene	3.84		1.00		ug/L			10/10/12 22:19	1
Styrene	ND		1.00		ug/L			10/10/12 22:19	1
tert-Butylbenzene	1.09		1.00		ug/L			10/10/12 22:19	1
Tetrachloroethene	ND		1.00		ug/L			10/10/12 22:19	1
Toluene	ND		1.00		ug/L			10/10/12 22:19	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			10/10/12 22:19	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			10/10/12 22:19	1
Trichloroethene	ND		1.00		ug/L			10/10/12 22:19	1
Trichlorofluoromethane	ND		1.00		ug/L			10/10/12 22:19	1
Vinyl chloride	ND		1.00		ug/L			10/10/12 22:19	1
Xylenes, Total	17.9		3.00		ug/L			10/10/12 22:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		70 - 130					10/10/12 22:19	1
4-Bromofluorobenzene (Surr)	95		70 - 130					10/10/12 22:19	1
Dibromofluoromethane (Surr)	98		70 - 130					10/10/12 22:19	1
Toluene-d8 (Surr)	100		70 - 130					10/10/12 22:19	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 12:40	1
Acenaphthylene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 12:40	1
Anthracene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 12:40	1
Benzo[a]anthracene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 12:40	1
Benzo[a]pyrene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 12:40	1
Benzo[b]fluoranthene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 12:40	1
Benzo[g,h,i]perylene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 12:40	1
Benzo[k]fluoranthene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 12:40	1
Chrysene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 12:40	1
Dibenz(a,h)anthracene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 12:40	1
Fluoranthene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 12:40	1
Fluorene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 12:40	1
Indeno[1,2,3-cd]pyrene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 12:40	1
Naphthalene	8.07		1.89		ug/L		10/09/12 10:09	10/11/12 12:40	1
Phenanthrene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 12:40	1
Pyrene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 12:40	1
1-Methylnaphthalene	6.25		1.89		ug/L		10/09/12 10:09	10/11/12 12:40	1
2-Methylnaphthalene	7.20		1.89		ug/L		10/09/12 10:09	10/11/12 12:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	62		27 - 120				10/09/12 10:09	10/11/12 12:40	1
Terphenyl-d14 (Surr)	39		13 - 120				10/09/12 10:09	10/11/12 12:40	1
2-Fluorobiphenyl (Surr)	65		29 - 120				10/09/12 10:09	10/11/12 12:40	1

Method: 9056 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.47		1.00		mg/L			10/09/12 07:28	1
Sulfate	20.3		1.00		mg/L			10/09/12 07:28	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: MW-14

Lab Sample ID: 490-8500-9

Date Collected: 10/03/12 14:50

Matrix: Water

Date Received: 10/05/12 08:30

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
As	0.0308		0.0100		mg/L		10/09/12 14:40	10/10/12 17:43	1
Ba	0.294		0.0100		mg/L		10/09/12 14:40	10/10/12 17:43	1
Cd	ND		0.00100		mg/L		10/09/12 14:40	10/10/12 17:43	1
Cr	ND		0.00500		mg/L		10/09/12 14:40	10/10/12 17:43	1
Pb	ND		0.00500		mg/L		10/09/12 14:40	10/10/12 17:43	1
Se	ND		0.0100		mg/L		10/09/12 14:40	10/10/12 17:43	1
Ag	ND		0.00500		mg/L		10/09/12 14:40	10/10/12 17:43	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200		mg/L		10/10/12 07:56	10/17/12 10:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3	593		10.0		mg/L			10/13/12 12:06	1
Total Dissolved Solids	733		10.0		mg/L			10/06/12 12:10	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: MW-26

Lab Sample ID: 490-8500-10

Date Collected: 10/03/12 15:45

Matrix: Water

Date Received: 10/05/12 08:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.00		ug/L			10/10/12 22:46	1
1,1,1-Trichloroethane	ND		1.00		ug/L			10/10/12 22:46	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			10/10/12 22:46	1
1,1,2-Trichloroethane	ND		1.00		ug/L			10/10/12 22:46	1
1,1-Dichloroethane	ND		1.00		ug/L			10/10/12 22:46	1
1,1-Dichloroethene	ND		1.00		ug/L			10/10/12 22:46	1
1,1-Dichloropropene	ND		1.00		ug/L			10/10/12 22:46	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			10/10/12 22:46	1
1,2,3-Trichloropropane	ND		1.00		ug/L			10/10/12 22:46	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			10/10/12 22:46	1
1,2,4-Trimethylbenzene	ND		1.00		ug/L			10/10/12 22:46	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			10/10/12 22:46	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			10/10/12 22:46	1
1,2-Dichlorobenzene	ND		1.00		ug/L			10/10/12 22:46	1
1,2-Dichloroethane	ND		1.00		ug/L			10/10/12 22:46	1
1,2-Dichloropropane	ND		1.00		ug/L			10/10/12 22:46	1
1,3,5-Trimethylbenzene	ND		1.00		ug/L			10/10/12 22:46	1
1,3-Dichlorobenzene	ND		1.00		ug/L			10/10/12 22:46	1
1,3-Dichloropropane	ND		1.00		ug/L			10/10/12 22:46	1
1,4-Dichlorobenzene	ND		1.00		ug/L			10/10/12 22:46	1
2,2-Dichloropropane	ND		1.00		ug/L			10/10/12 22:46	1
2-Butanone (MEK)	ND		50.0		ug/L			10/10/12 22:46	1
2-Chlorotoluene	ND		1.00		ug/L			10/10/12 22:46	1
2-Hexanone	ND		10.0		ug/L			10/10/12 22:46	1
4-Chlorotoluene	ND		1.00		ug/L			10/10/12 22:46	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			10/10/12 22:46	1
Acetone	ND		50.0		ug/L			10/10/12 22:46	1
Benzene	2.36		1.00		ug/L			10/10/12 22:46	1
Bromobenzene	ND		1.00		ug/L			10/10/12 22:46	1
Bromochloromethane	ND		1.00		ug/L			10/10/12 22:46	1
Bromodichloromethane	ND		1.00		ug/L			10/10/12 22:46	1
Bromoform	ND		1.00		ug/L			10/10/12 22:46	1
Bromomethane	ND		1.00		ug/L			10/10/12 22:46	1
Carbon disulfide	ND		1.00		ug/L			10/10/12 22:46	1
Carbon tetrachloride	ND		1.00		ug/L			10/10/12 22:46	1
Chlorobenzene	ND		1.00		ug/L			10/10/12 22:46	1
Chlorodibromomethane	ND		1.00		ug/L			10/10/12 22:46	1
Chloroethane	ND		1.00		ug/L			10/10/12 22:46	1
Chloroform	ND		1.00		ug/L			10/10/12 22:46	1
Chloromethane	ND		1.00		ug/L			10/10/12 22:46	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			10/10/12 22:46	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			10/10/12 22:46	1
Dibromomethane	ND		1.00		ug/L			10/10/12 22:46	1
Dichlorodifluoromethane	ND		1.00		ug/L			10/10/12 22:46	1
Ethylbenzene	ND		1.00		ug/L			10/10/12 22:46	1
Hexachlorobutadiene	ND		2.00		ug/L			10/10/12 22:46	1
Isopropylbenzene	ND		1.00		ug/L			10/10/12 22:46	1
Methyl tert-butyl ether	ND		1.00		ug/L			10/10/12 22:46	1
Methylene Chloride	ND		5.00		ug/L			10/10/12 22:46	1
Naphthalene	ND		5.00		ug/L			10/10/12 22:46	1
n-Butylbenzene	ND		1.00		ug/L			10/10/12 22:46	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: MW-26

Lab Sample ID: 490-8500-10

Date Collected: 10/03/12 15:45

Matrix: Water

Date Received: 10/05/12 08:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		1.00		ug/L			10/10/12 22:46	1
p-Isopropyltoluene	ND		1.00		ug/L			10/10/12 22:46	1
sec-Butylbenzene	ND		1.00		ug/L			10/10/12 22:46	1
Styrene	ND		1.00		ug/L			10/10/12 22:46	1
tert-Butylbenzene	ND		1.00		ug/L			10/10/12 22:46	1
Tetrachloroethene	ND		1.00		ug/L			10/10/12 22:46	1
Toluene	ND		1.00		ug/L			10/10/12 22:46	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			10/10/12 22:46	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			10/10/12 22:46	1
Trichloroethene	ND		1.00		ug/L			10/10/12 22:46	1
Trichlorofluoromethane	ND		1.00		ug/L			10/10/12 22:46	1
Vinyl chloride	ND		1.00		ug/L			10/10/12 22:46	1
Xylenes, Total	ND		3.00		ug/L			10/10/12 22:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		70 - 130		10/10/12 22:46	1
4-Bromofluorobenzene (Surr)	96		70 - 130		10/10/12 22:46	1
Dibromofluoromethane (Surr)	93		70 - 130		10/10/12 22:46	1
Toluene-d8 (Surr)	100		70 - 130		10/10/12 22:46	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 13:06	1
Acenaphthylene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 13:06	1
Anthracene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 13:06	1
Benzo[a]anthracene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 13:06	1
Benzo[a]pyrene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 13:06	1
Benzo[b]fluoranthene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 13:06	1
Benzo[g,h,i]perylene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 13:06	1
Benzo[k]fluoranthene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 13:06	1
Chrysene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 13:06	1
Dibenz(a,h)anthracene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 13:06	1
Fluoranthene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 13:06	1
Fluorene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 13:06	1
Indeno[1,2,3-cd]pyrene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 13:06	1
Naphthalene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 13:06	1
Phenanthrene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 13:06	1
Pyrene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 13:06	1
1-Methylnaphthalene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 13:06	1
2-Methylnaphthalene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 13:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	84		27 - 120	10/09/12 10:09	10/11/12 13:06	1
Terphenyl-d14 (Surr)	60		13 - 120	10/09/12 10:09	10/11/12 13:06	1
2-Fluorobiphenyl (Surr)	76		29 - 120	10/09/12 10:09	10/11/12 13:06	1

Method: 9056 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24.0		1.00		mg/L			10/09/12 07:48	1
Sulfate	165		5.00		mg/L			10/09/12 23:00	5

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: MW-26

Lab Sample ID: 490-8500-10

Date Collected: 10/03/12 15:45

Matrix: Water

Date Received: 10/05/12 08:30

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
As	0.0198		0.0100		mg/L		10/09/12 14:40	10/10/12 17:46	1
Ba	0.0296		0.0100		mg/L		10/09/12 14:40	10/10/12 17:46	1
Cd	ND		0.00100		mg/L		10/09/12 14:40	10/10/12 17:46	1
Cr	ND		0.00500		mg/L		10/09/12 14:40	10/10/12 17:46	1
Pb	ND		0.00500		mg/L		10/09/12 14:40	10/10/12 17:46	1
Se	ND		0.0100		mg/L		10/09/12 14:40	10/10/12 17:46	1
Ag	ND		0.00500		mg/L		10/09/12 14:40	10/10/12 17:46	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200		mg/L		10/10/12 07:56	10/17/12 10:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3	307		10.0		mg/L			10/13/12 12:12	1
Total Dissolved Solids	736		10.0		mg/L			10/06/12 12:10	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: MW-21

Lab Sample ID: 490-8500-11

Date Collected: 10/03/12 16:35

Matrix: Water

Date Received: 10/05/12 08:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.00		ug/L			10/10/12 23:13	1
1,1,1-Trichloroethane	ND		1.00		ug/L			10/10/12 23:13	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			10/10/12 23:13	1
1,1,2-Trichloroethane	ND		1.00		ug/L			10/10/12 23:13	1
1,1-Dichloroethane	ND		1.00		ug/L			10/10/12 23:13	1
1,1-Dichloroethene	ND	*	1.00		ug/L			10/10/12 23:13	1
1,1-Dichloropropene	ND		1.00		ug/L			10/10/12 23:13	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			10/10/12 23:13	1
1,2,3-Trichloropropane	ND		1.00		ug/L			10/10/12 23:13	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			10/10/12 23:13	1
1,2,4-Trimethylbenzene	ND		1.00		ug/L			10/10/12 23:13	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			10/10/12 23:13	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			10/10/12 23:13	1
1,2-Dichlorobenzene	ND		1.00		ug/L			10/10/12 23:13	1
1,2-Dichloroethane	ND		1.00		ug/L			10/10/12 23:13	1
1,2-Dichloropropane	ND		1.00		ug/L			10/10/12 23:13	1
1,3,5-Trimethylbenzene	ND		1.00		ug/L			10/10/12 23:13	1
1,3-Dichlorobenzene	ND		1.00		ug/L			10/10/12 23:13	1
1,3-Dichloropropane	ND		1.00		ug/L			10/10/12 23:13	1
1,4-Dichlorobenzene	ND		1.00		ug/L			10/10/12 23:13	1
2,2-Dichloropropane	ND		1.00		ug/L			10/10/12 23:13	1
2-Butanone (MEK)	ND		50.0		ug/L			10/10/12 23:13	1
2-Chlorotoluene	ND		1.00		ug/L			10/10/12 23:13	1
2-Hexanone	ND		10.0		ug/L			10/10/12 23:13	1
4-Chlorotoluene	ND		1.00		ug/L			10/10/12 23:13	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			10/10/12 23:13	1
Acetone	ND		50.0		ug/L			10/10/12 23:13	1
Benzene	ND		1.00		ug/L			10/10/12 23:13	1
Bromobenzene	ND		1.00		ug/L			10/10/12 23:13	1
Bromochloromethane	ND		1.00		ug/L			10/10/12 23:13	1
Bromodichloromethane	ND		1.00		ug/L			10/10/12 23:13	1
Bromoform	ND		1.00		ug/L			10/10/12 23:13	1
Bromomethane	ND		1.00		ug/L			10/10/12 23:13	1
Carbon disulfide	ND		1.00		ug/L			10/10/12 23:13	1
Carbon tetrachloride	ND		1.00		ug/L			10/10/12 23:13	1
Chlorobenzene	ND		1.00		ug/L			10/10/12 23:13	1
Chlorodibromomethane	ND		1.00		ug/L			10/10/12 23:13	1
Chloroethane	ND		1.00		ug/L			10/10/12 23:13	1
Chloroform	ND		1.00		ug/L			10/10/12 23:13	1
Chloromethane	ND		1.00		ug/L			10/10/12 23:13	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			10/10/12 23:13	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			10/10/12 23:13	1
Dibromomethane	ND		1.00		ug/L			10/10/12 23:13	1
Dichlorodifluoromethane	ND		1.00		ug/L			10/10/12 23:13	1
Ethylbenzene	ND		1.00		ug/L			10/10/12 23:13	1
Hexachlorobutadiene	ND		2.00		ug/L			10/10/12 23:13	1
Isopropylbenzene	ND		1.00		ug/L			10/10/12 23:13	1
Methyl tert-butyl ether	ND		1.00		ug/L			10/10/12 23:13	1
Methylene Chloride	ND		5.00		ug/L			10/10/12 23:13	1
Naphthalene	ND		5.00		ug/L			10/10/12 23:13	1
n-Butylbenzene	ND		1.00		ug/L			10/10/12 23:13	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: MW-21

Lab Sample ID: 490-8500-11

Date Collected: 10/03/12 16:35

Matrix: Water

Date Received: 10/05/12 08:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		1.00		ug/L			10/10/12 23:13	1
p-Isopropyltoluene	ND		1.00		ug/L			10/10/12 23:13	1
sec-Butylbenzene	ND		1.00		ug/L			10/10/12 23:13	1
Styrene	ND		1.00		ug/L			10/10/12 23:13	1
tert-Butylbenzene	ND		1.00		ug/L			10/10/12 23:13	1
Tetrachloroethene	ND		1.00		ug/L			10/10/12 23:13	1
Toluene	ND		1.00		ug/L			10/10/12 23:13	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			10/10/12 23:13	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			10/10/12 23:13	1
Trichloroethene	ND		1.00		ug/L			10/10/12 23:13	1
Trichlorofluoromethane	ND		1.00		ug/L			10/10/12 23:13	1
Vinyl chloride	ND		1.00		ug/L			10/10/12 23:13	1
Xylenes, Total	ND		3.00		ug/L			10/10/12 23:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		70 - 130		10/10/12 23:13	1
4-Bromofluorobenzene (Surr)	97		70 - 130		10/10/12 23:13	1
Dibromofluoromethane (Surr)	92		70 - 130		10/10/12 23:13	1
Toluene-d8 (Surr)	100		70 - 130		10/10/12 23:13	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 13:32	1
Acenaphthylene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 13:32	1
Anthracene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 13:32	1
Benzo[a]anthracene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 13:32	1
Benzo[a]pyrene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 13:32	1
Benzo[b]fluoranthene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 13:32	1
Benzo[g,h,i]perylene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 13:32	1
Benzo[k]fluoranthene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 13:32	1
Chrysene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 13:32	1
Dibenz(a,h)anthracene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 13:32	1
Fluoranthene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 13:32	1
Fluorene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 13:32	1
Indeno[1,2,3-cd]pyrene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 13:32	1
Naphthalene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 13:32	1
Phenanthrene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 13:32	1
Pyrene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 13:32	1
1-Methylnaphthalene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 13:32	1
2-Methylnaphthalene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 13:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	69		27 - 120	10/09/12 10:09	10/11/12 13:32	1
Terphenyl-d14 (Surr)	70		13 - 120	10/09/12 10:09	10/11/12 13:32	1
2-Fluorobiphenyl (Surr)	78		29 - 120	10/09/12 10:09	10/11/12 13:32	1

Method: 9056 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.3		1.00		mg/L			10/09/12 08:49	1
Sulfate	597		10.0		mg/L			10/09/12 23:25	10

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: MW-21

Date Collected: 10/03/12 16:35

Date Received: 10/05/12 08:30

Lab Sample ID: 490-8500-11

Matrix: Water

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
As	0.0435		0.0100		mg/L		10/09/12 14:40	10/10/12 18:01	1
Ba	0.0131		0.0100		mg/L		10/09/12 14:40	10/10/12 18:01	1
Cd	ND		0.00100		mg/L		10/09/12 14:40	10/10/12 18:01	1
Cr	ND		0.00500		mg/L		10/09/12 14:40	10/10/12 18:01	1
Pb	ND		0.00500		mg/L		10/09/12 14:40	10/10/12 18:01	1
Se	0.0110		0.0100		mg/L		10/09/12 14:40	10/10/12 18:01	1
Ag	ND		0.00500		mg/L		10/09/12 14:40	10/10/12 18:01	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200		mg/L		10/10/12 07:56	10/17/12 10:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3	242		10.0		mg/L			10/13/12 12:18	1
Total Dissolved Solids	1260		10.0		mg/L			10/06/12 12:10	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: MW-23

Lab Sample ID: 490-8500-12

Date Collected: 10/03/12 17:15

Matrix: Water

Date Received: 10/05/12 08:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.00		ug/L			10/11/12 13:46	1
1,1,1-Trichloroethane	ND		1.00		ug/L			10/11/12 13:46	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			10/11/12 13:46	1
1,1,2-Trichloroethane	ND		1.00		ug/L			10/11/12 13:46	1
1,1-Dichloroethane	ND		1.00		ug/L			10/11/12 13:46	1
1,1-Dichloroethene	ND		1.00		ug/L			10/11/12 13:46	1
1,1-Dichloropropene	ND		1.00		ug/L			10/11/12 13:46	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			10/11/12 13:46	1
1,2,3-Trichloropropane	ND		1.00		ug/L			10/11/12 13:46	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			10/11/12 13:46	1
1,2,4-Trimethylbenzene	ND		1.00		ug/L			10/11/12 13:46	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			10/11/12 13:46	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			10/11/12 13:46	1
1,2-Dichlorobenzene	ND		1.00		ug/L			10/11/12 13:46	1
1,2-Dichloroethane	ND		1.00		ug/L			10/11/12 13:46	1
1,2-Dichloropropane	ND		1.00		ug/L			10/11/12 13:46	1
1,3,5-Trimethylbenzene	ND		1.00		ug/L			10/11/12 13:46	1
1,3-Dichlorobenzene	ND		1.00		ug/L			10/11/12 13:46	1
1,3-Dichloropropane	ND		1.00		ug/L			10/11/12 13:46	1
1,4-Dichlorobenzene	ND		1.00		ug/L			10/11/12 13:46	1
2,2-Dichloropropane	ND		1.00		ug/L			10/11/12 13:46	1
2-Butanone (MEK)	ND		50.0		ug/L			10/11/12 13:46	1
2-Chlorotoluene	ND		1.00		ug/L			10/11/12 13:46	1
2-Hexanone	ND		10.0		ug/L			10/11/12 13:46	1
4-Chlorotoluene	ND		1.00		ug/L			10/11/12 13:46	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			10/11/12 13:46	1
Acetone	ND		50.0		ug/L			10/11/12 13:46	1
Benzene	ND		1.00		ug/L			10/11/12 13:46	1
Bromobenzene	ND		1.00		ug/L			10/11/12 13:46	1
Bromochloromethane	ND		1.00		ug/L			10/11/12 13:46	1
Bromodichloromethane	ND		1.00		ug/L			10/11/12 13:46	1
Bromoform	ND		1.00		ug/L			10/11/12 13:46	1
Bromomethane	ND		1.00		ug/L			10/11/12 13:46	1
Carbon disulfide	ND		1.00		ug/L			10/11/12 13:46	1
Carbon tetrachloride	ND		1.00		ug/L			10/11/12 13:46	1
Chlorobenzene	ND		1.00		ug/L			10/11/12 13:46	1
Chlorodibromomethane	ND		1.00		ug/L			10/11/12 13:46	1
Chloroethane	ND		1.00		ug/L			10/11/12 13:46	1
Chloroform	ND		1.00		ug/L			10/11/12 13:46	1
Chloromethane	ND		1.00		ug/L			10/11/12 13:46	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			10/11/12 13:46	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			10/11/12 13:46	1
Dibromomethane	ND		1.00		ug/L			10/11/12 13:46	1
Dichlorodifluoromethane	ND		1.00		ug/L			10/11/12 13:46	1
Ethylbenzene	ND		1.00		ug/L			10/11/12 13:46	1
Hexachlorobutadiene	ND		2.00		ug/L			10/11/12 13:46	1
Isopropylbenzene	ND		1.00		ug/L			10/11/12 13:46	1
Methyl tert-butyl ether	ND		1.00		ug/L			10/11/12 13:46	1
Methylene Chloride	ND		5.00		ug/L			10/11/12 13:46	1
Naphthalene	ND		5.00		ug/L			10/11/12 13:46	1
n-Butylbenzene	ND		1.00		ug/L			10/11/12 13:46	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: MW-23

Lab Sample ID: 490-8500-12

Date Collected: 10/03/12 17:15

Matrix: Water

Date Received: 10/05/12 08:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		1.00		ug/L			10/11/12 13:46	1
p-Isopropyltoluene	ND		1.00		ug/L			10/11/12 13:46	1
sec-Butylbenzene	ND		1.00		ug/L			10/11/12 13:46	1
Styrene	ND		1.00		ug/L			10/11/12 13:46	1
tert-Butylbenzene	ND		1.00		ug/L			10/11/12 13:46	1
Tetrachloroethene	ND		1.00		ug/L			10/11/12 13:46	1
Toluene	ND		1.00		ug/L			10/11/12 13:46	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			10/11/12 13:46	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			10/11/12 13:46	1
Trichloroethene	ND		1.00		ug/L			10/11/12 13:46	1
Trichlorofluoromethane	ND		1.00		ug/L			10/11/12 13:46	1
Vinyl chloride	ND		1.00		ug/L			10/11/12 13:46	1
Xylenes, Total	ND		3.00		ug/L			10/11/12 13:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		70 - 130		10/11/12 13:46	1
4-Bromofluorobenzene (Surr)	102		70 - 130		10/11/12 13:46	1
Dibromofluoromethane (Surr)	101		70 - 130		10/11/12 13:46	1
Toluene-d8 (Surr)	97		70 - 130		10/11/12 13:46	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.92		ug/L		10/09/12 10:09	10/11/12 13:58	1
Acenaphthylene	ND		1.92		ug/L		10/09/12 10:09	10/11/12 13:58	1
Anthracene	ND		1.92		ug/L		10/09/12 10:09	10/11/12 13:58	1
Benzo[a]anthracene	ND		1.92		ug/L		10/09/12 10:09	10/11/12 13:58	1
Benzo[a]pyrene	ND		1.92		ug/L		10/09/12 10:09	10/11/12 13:58	1
Benzo[b]fluoranthene	ND		1.92		ug/L		10/09/12 10:09	10/11/12 13:58	1
Benzo[g,h,i]perylene	ND		1.92		ug/L		10/09/12 10:09	10/11/12 13:58	1
Benzo[k]fluoranthene	ND		1.92		ug/L		10/09/12 10:09	10/11/12 13:58	1
Chrysene	ND		1.92		ug/L		10/09/12 10:09	10/11/12 13:58	1
Dibenz(a,h)anthracene	ND		1.92		ug/L		10/09/12 10:09	10/11/12 13:58	1
Fluoranthene	ND		1.92		ug/L		10/09/12 10:09	10/11/12 13:58	1
Fluorene	ND		1.92		ug/L		10/09/12 10:09	10/11/12 13:58	1
Indeno[1,2,3-cd]pyrene	ND		1.92		ug/L		10/09/12 10:09	10/11/12 13:58	1
Naphthalene	ND		1.92		ug/L		10/09/12 10:09	10/11/12 13:58	1
Phenanthrene	ND		1.92		ug/L		10/09/12 10:09	10/11/12 13:58	1
Pyrene	ND		1.92		ug/L		10/09/12 10:09	10/11/12 13:58	1
1-Methylnaphthalene	ND		1.92		ug/L		10/09/12 10:09	10/11/12 13:58	1
2-Methylnaphthalene	ND		1.92		ug/L		10/09/12 10:09	10/11/12 13:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	71		27 - 120	10/09/12 10:09	10/11/12 13:58	1
Terphenyl-d14 (Surr)	74		13 - 120	10/09/12 10:09	10/11/12 13:58	1
2-Fluorobiphenyl (Surr)	72		29 - 120	10/09/12 10:09	10/11/12 13:58	1

Method: 9056 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.34		1.00		mg/L			10/09/12 09:09	1
Sulfate	79.4		5.00		mg/L			10/09/12 23:50	5

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: MW-23

Lab Sample ID: 490-8500-12

Date Collected: 10/03/12 17:15

Matrix: Water

Date Received: 10/05/12 08:30

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
As	0.0335		0.0100		mg/L		10/09/12 14:40	10/10/12 18:05	1
Ba	0.0334		0.0100		mg/L		10/09/12 14:40	10/10/12 18:05	1
Cd	ND		0.00100		mg/L		10/09/12 14:40	10/10/12 18:05	1
Cr	ND		0.00500		mg/L		10/09/12 14:40	10/10/12 18:05	1
Pb	ND		0.00500		mg/L		10/09/12 14:40	10/10/12 18:05	1
Se	ND		0.0100		mg/L		10/09/12 14:40	10/10/12 18:05	1
Ag	ND		0.00500		mg/L		10/09/12 14:40	10/10/12 18:05	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200		mg/L		10/10/12 07:56	10/17/12 10:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3	412		10.0		mg/L			10/13/12 12:24	1
Total Dissolved Solids	654		10.0		mg/L			10/06/12 12:10	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: MW-20

Lab Sample ID: 490-8500-13

Date Collected: 10/03/12 18:00

Matrix: Water

Date Received: 10/05/12 08:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.00		ug/L			10/11/12 15:17	1
1,1,1-Trichloroethane	ND		1.00		ug/L			10/11/12 15:17	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			10/11/12 15:17	1
1,1,2-Trichloroethane	ND		1.00		ug/L			10/11/12 15:17	1
1,1-Dichloroethane	ND		1.00		ug/L			10/11/12 15:17	1
1,1-Dichloroethene	ND		1.00		ug/L			10/11/12 15:17	1
1,1-Dichloropropene	ND		1.00		ug/L			10/11/12 15:17	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			10/11/12 15:17	1
1,2,3-Trichloropropane	ND		1.00		ug/L			10/11/12 15:17	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			10/11/12 15:17	1
1,2,4-Trimethylbenzene	ND		1.00		ug/L			10/11/12 15:17	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			10/11/12 15:17	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			10/11/12 15:17	1
1,2-Dichlorobenzene	ND		1.00		ug/L			10/11/12 15:17	1
1,2-Dichloroethane	ND		1.00		ug/L			10/11/12 15:17	1
1,2-Dichloropropane	ND		1.00		ug/L			10/11/12 15:17	1
1,3,5-Trimethylbenzene	ND		1.00		ug/L			10/11/12 15:17	1
1,3-Dichlorobenzene	ND		1.00		ug/L			10/11/12 15:17	1
1,3-Dichloropropane	ND		1.00		ug/L			10/11/12 15:17	1
1,4-Dichlorobenzene	ND		1.00		ug/L			10/11/12 15:17	1
2,2-Dichloropropane	ND		1.00		ug/L			10/11/12 15:17	1
2-Butanone (MEK)	ND		50.0		ug/L			10/11/12 15:17	1
2-Chlorotoluene	ND		1.00		ug/L			10/11/12 15:17	1
2-Hexanone	ND		10.0		ug/L			10/11/12 15:17	1
4-Chlorotoluene	ND		1.00		ug/L			10/11/12 15:17	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			10/11/12 15:17	1
Acetone	ND		50.0		ug/L			10/11/12 15:17	1
Benzene	ND		1.00		ug/L			10/11/12 15:17	1
Bromobenzene	ND		1.00		ug/L			10/11/12 15:17	1
Bromochloromethane	ND		1.00		ug/L			10/11/12 15:17	1
Bromodichloromethane	ND		1.00		ug/L			10/11/12 15:17	1
Bromoform	ND		1.00		ug/L			10/11/12 15:17	1
Bromomethane	ND		1.00		ug/L			10/11/12 15:17	1
Carbon disulfide	ND		1.00		ug/L			10/11/12 15:17	1
Carbon tetrachloride	ND		1.00		ug/L			10/11/12 15:17	1
Chlorobenzene	ND		1.00		ug/L			10/11/12 15:17	1
Chlorodibromomethane	ND		1.00		ug/L			10/11/12 15:17	1
Chloroethane	ND		1.00		ug/L			10/11/12 15:17	1
Chloroform	ND		1.00		ug/L			10/11/12 15:17	1
Chloromethane	ND		1.00		ug/L			10/11/12 15:17	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			10/11/12 15:17	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			10/11/12 15:17	1
Dibromomethane	ND		1.00		ug/L			10/11/12 15:17	1
Dichlorodifluoromethane	ND		1.00		ug/L			10/11/12 15:17	1
Ethylbenzene	ND		1.00		ug/L			10/11/12 15:17	1
Hexachlorobutadiene	ND		2.00		ug/L			10/11/12 15:17	1
Isopropylbenzene	ND		1.00		ug/L			10/11/12 15:17	1
Methyl tert-butyl ether	ND		1.00		ug/L			10/11/12 15:17	1
Methylene Chloride	ND		5.00		ug/L			10/11/12 15:17	1
Naphthalene	ND		5.00		ug/L			10/11/12 15:17	1
n-Butylbenzene	ND		1.00		ug/L			10/11/12 15:17	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: MW-20

Lab Sample ID: 490-8500-13

Date Collected: 10/03/12 18:00

Matrix: Water

Date Received: 10/05/12 08:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		1.00		ug/L			10/11/12 15:17	1
p-Isopropyltoluene	ND		1.00		ug/L			10/11/12 15:17	1
sec-Butylbenzene	ND		1.00		ug/L			10/11/12 15:17	1
Styrene	ND		1.00		ug/L			10/11/12 15:17	1
tert-Butylbenzene	ND		1.00		ug/L			10/11/12 15:17	1
Tetrachloroethene	ND		1.00		ug/L			10/11/12 15:17	1
Toluene	ND		1.00		ug/L			10/11/12 15:17	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			10/11/12 15:17	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			10/11/12 15:17	1
Trichloroethene	ND		1.00		ug/L			10/11/12 15:17	1
Trichlorofluoromethane	ND		1.00		ug/L			10/11/12 15:17	1
Vinyl chloride	ND		1.00		ug/L			10/11/12 15:17	1
Xylenes, Total	ND		3.00		ug/L			10/11/12 15:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		70 - 130		10/11/12 15:17	1
4-Bromofluorobenzene (Surr)	95		70 - 130		10/11/12 15:17	1
Dibromofluoromethane (Surr)	93		70 - 130		10/11/12 15:17	1
Toluene-d8 (Surr)	99		70 - 130		10/11/12 15:17	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 14:24	1
Acenaphthylene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 14:24	1
Anthracene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 14:24	1
Benzo[a]anthracene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 14:24	1
Benzo[a]pyrene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 14:24	1
Benzo[b]fluoranthene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 14:24	1
Benzo[g,h,i]perylene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 14:24	1
Benzo[k]fluoranthene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 14:24	1
Chrysene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 14:24	1
Dibenz(a,h)anthracene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 14:24	1
Fluoranthene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 14:24	1
Fluorene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 14:24	1
Indeno[1,2,3-cd]pyrene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 14:24	1
Naphthalene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 14:24	1
Phenanthrene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 14:24	1
Pyrene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 14:24	1
1-Methylnaphthalene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 14:24	1
2-Methylnaphthalene	ND		1.89		ug/L		10/09/12 10:09	10/11/12 14:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	76		27 - 120	10/09/12 10:09	10/11/12 14:24	1
Terphenyl-d14 (Surr)	69		13 - 120	10/09/12 10:09	10/11/12 14:24	1
2-Fluorobiphenyl (Surr)	72		29 - 120	10/09/12 10:09	10/11/12 14:24	1

Method: 9056 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	506		10.0		mg/L			10/10/12 00:15	10
Sulfate	682		10.0		mg/L			10/10/12 00:15	10

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: MW-20

Lab Sample ID: 490-8500-13

Date Collected: 10/03/12 18:00

Matrix: Water

Date Received: 10/05/12 08:30

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
As	0.0183		0.0100		mg/L		10/09/12 14:40	10/10/12 18:08	1
Ba	0.0476		0.0100		mg/L		10/09/12 14:40	10/10/12 18:08	1
Cd	ND		0.00100		mg/L		10/09/12 14:40	10/10/12 18:08	1
Cr	ND		0.00500		mg/L		10/09/12 14:40	10/10/12 18:08	1
Pb	ND		0.00500		mg/L		10/09/12 14:40	10/10/12 18:08	1
Se	0.0382		0.0100		mg/L		10/09/12 14:40	10/10/12 18:08	1
Ag	ND		0.00500		mg/L		10/09/12 14:40	10/10/12 18:08	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200		mg/L		10/10/12 07:56	10/17/12 11:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3	208		10.0		mg/L			10/13/12 12:32	1
Total Dissolved Solids	2090		20.0		mg/L			10/06/12 12:10	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: MW-5

Lab Sample ID: 490-8500-14

Date Collected: 10/03/12 18:40

Matrix: Water

Date Received: 10/05/12 08:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.00		ug/L			10/11/12 15:45	1
1,1,1-Trichloroethane	ND		1.00		ug/L			10/11/12 15:45	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			10/11/12 15:45	1
1,1,2-Trichloroethane	ND		1.00		ug/L			10/11/12 15:45	1
1,1-Dichloroethane	ND		1.00		ug/L			10/11/12 15:45	1
1,1-Dichloroethene	ND		1.00		ug/L			10/11/12 15:45	1
1,1-Dichloropropene	ND		1.00		ug/L			10/11/12 15:45	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			10/11/12 15:45	1
1,2,3-Trichloropropane	ND		1.00		ug/L			10/11/12 15:45	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			10/11/12 15:45	1
1,2,4-Trimethylbenzene	237		20.0		ug/L			10/12/12 03:54	20
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			10/11/12 15:45	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			10/11/12 15:45	1
1,2-Dichlorobenzene	ND		1.00		ug/L			10/11/12 15:45	1
1,2-Dichloroethane	ND		1.00		ug/L			10/11/12 15:45	1
1,2-Dichloropropane	ND		1.00		ug/L			10/11/12 15:45	1
1,3,5-Trimethylbenzene	36.0		1.00		ug/L			10/11/12 15:45	1
1,3-Dichlorobenzene	ND		1.00		ug/L			10/11/12 15:45	1
1,3-Dichloropropane	ND		1.00		ug/L			10/11/12 15:45	1
1,4-Dichlorobenzene	ND		1.00		ug/L			10/11/12 15:45	1
2,2-Dichloropropane	ND		1.00		ug/L			10/11/12 15:45	1
2-Butanone (MEK)	ND		50.0		ug/L			10/11/12 15:45	1
2-Chlorotoluene	ND		1.00		ug/L			10/11/12 15:45	1
2-Hexanone	ND		10.0		ug/L			10/11/12 15:45	1
4-Chlorotoluene	ND		1.00		ug/L			10/11/12 15:45	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			10/11/12 15:45	1
Acetone	ND		50.0		ug/L			10/11/12 15:45	1
Benzene	2910		20.0		ug/L			10/12/12 03:54	20
Bromobenzene	ND		1.00		ug/L			10/11/12 15:45	1
Bromochloromethane	ND		1.00		ug/L			10/11/12 15:45	1
Bromodichloromethane	ND		1.00		ug/L			10/11/12 15:45	1
Bromoform	ND		1.00		ug/L			10/11/12 15:45	1
Bromomethane	ND		1.00		ug/L			10/11/12 15:45	1
Carbon disulfide	ND		1.00		ug/L			10/11/12 15:45	1
Carbon tetrachloride	ND		1.00		ug/L			10/11/12 15:45	1
Chlorobenzene	ND		1.00		ug/L			10/11/12 15:45	1
Chlorodibromomethane	ND		1.00		ug/L			10/11/12 15:45	1
Chloroethane	ND		1.00		ug/L			10/11/12 15:45	1
Chloroform	ND		1.00		ug/L			10/11/12 15:45	1
Chloromethane	ND		1.00		ug/L			10/11/12 15:45	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			10/11/12 15:45	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			10/11/12 15:45	1
Dibromomethane	ND		1.00		ug/L			10/11/12 15:45	1
Dichlorodifluoromethane	ND		1.00		ug/L			10/11/12 15:45	1
Ethylbenzene	490		20.0		ug/L			10/12/12 03:54	20
Hexachlorobutadiene	ND		2.00		ug/L			10/11/12 15:45	1
Isopropylbenzene	55.4		1.00		ug/L			10/11/12 15:45	1
Methyl tert-butyl ether	ND		1.00		ug/L			10/11/12 15:45	1
Methylene Chloride	ND		5.00		ug/L			10/11/12 15:45	1
Naphthalene	77.1		5.00		ug/L			10/11/12 15:45	1
n-Butylbenzene	ND		1.00		ug/L			10/11/12 15:45	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: MW-5

Lab Sample ID: 490-8500-14

Date Collected: 10/03/12 18:40

Matrix: Water

Date Received: 10/05/12 08:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	52.6		1.00		ug/L			10/11/12 15:45	1
p-Isopropyltoluene	8.90		1.00		ug/L			10/11/12 15:45	1
sec-Butylbenzene	10.4		1.00		ug/L			10/11/12 15:45	1
Styrene	ND		1.00		ug/L			10/11/12 15:45	1
tert-Butylbenzene	1.67		1.00		ug/L			10/11/12 15:45	1
Tetrachloroethene	ND		1.00		ug/L			10/11/12 15:45	1
Toluene	ND		1.00		ug/L			10/11/12 15:45	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			10/11/12 15:45	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			10/11/12 15:45	1
Trichloroethene	ND		1.00		ug/L			10/11/12 15:45	1
Trichlorofluoromethane	ND		1.00		ug/L			10/11/12 15:45	1
Vinyl chloride	ND		1.00		ug/L			10/11/12 15:45	1
Xylenes, Total	667		60.0		ug/L			10/12/12 03:54	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		70 - 130		10/11/12 15:45	1
1,2-Dichloroethane-d4 (Surr)	86		70 - 130		10/12/12 03:54	20
4-Bromofluorobenzene (Surr)	95		70 - 130		10/11/12 15:45	1
4-Bromofluorobenzene (Surr)	98		70 - 130		10/12/12 03:54	20
Dibromofluoromethane (Surr)	91		70 - 130		10/11/12 15:45	1
Dibromofluoromethane (Surr)	98		70 - 130		10/12/12 03:54	20
Toluene-d8 (Surr)	104		70 - 130		10/11/12 15:45	1
Toluene-d8 (Surr)	100		70 - 130		10/12/12 03:54	20

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.96		ug/L		10/09/12 10:09	10/11/12 14:50	1
Acenaphthylene	ND		1.96		ug/L		10/09/12 10:09	10/11/12 14:50	1
Anthracene	ND		1.96		ug/L		10/09/12 10:09	10/11/12 14:50	1
Benzo[a]anthracene	ND		1.96		ug/L		10/09/12 10:09	10/11/12 14:50	1
Benzo[a]pyrene	ND		1.96		ug/L		10/09/12 10:09	10/11/12 14:50	1
Benzo[b]fluoranthene	ND		1.96		ug/L		10/09/12 10:09	10/11/12 14:50	1
Benzo[g,h,i]perylene	ND		1.96		ug/L		10/09/12 10:09	10/11/12 14:50	1
Benzo[k]fluoranthene	ND		1.96		ug/L		10/09/12 10:09	10/11/12 14:50	1
Chrysene	ND		1.96		ug/L		10/09/12 10:09	10/11/12 14:50	1
Dibenz(a,h)anthracene	ND		1.96		ug/L		10/09/12 10:09	10/11/12 14:50	1
Fluoranthene	ND		1.96		ug/L		10/09/12 10:09	10/11/12 14:50	1
Fluorene	2.53		1.96		ug/L		10/09/12 10:09	10/11/12 14:50	1
Indeno[1,2,3-cd]pyrene	ND		1.96		ug/L		10/09/12 10:09	10/11/12 14:50	1
Naphthalene	46.2		1.96		ug/L		10/09/12 10:09	10/11/12 14:50	1
Phenanthrene	2.41		1.96		ug/L		10/09/12 10:09	10/11/12 14:50	1
Pyrene	ND		1.96		ug/L		10/09/12 10:09	10/11/12 14:50	1
1-Methylnaphthalene	29.6		1.96		ug/L		10/09/12 10:09	10/11/12 14:50	1
2-Methylnaphthalene	31.0		1.96		ug/L		10/09/12 10:09	10/11/12 14:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	66		27 - 120	10/09/12 10:09	10/11/12 14:50	1
Terphenyl-d14 (Surr)	39		13 - 120	10/09/12 10:09	10/11/12 14:50	1
2-Fluorobiphenyl (Surr)	72		29 - 120	10/09/12 10:09	10/11/12 14:50	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: MW-5

Lab Sample ID: 490-8500-14

Date Collected: 10/03/12 18:40

Matrix: Water

Date Received: 10/05/12 08:30

Method: 9056 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.46		1.00		mg/L			10/09/12 09:49	1
Sulfate	ND		1.00		mg/L			10/09/12 09:49	1

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
As	0.0238		0.0100		mg/L		10/09/12 14:40	10/10/12 18:11	1
Ba	4.48		0.0100		mg/L		10/09/12 14:40	10/10/12 18:11	1
Cd	ND		0.00100		mg/L		10/09/12 14:40	10/10/12 18:11	1
Cr	ND		0.00500		mg/L		10/09/12 14:40	10/10/12 18:11	1
Pb	ND		0.00500		mg/L		10/09/12 14:40	10/10/12 18:11	1
Se	ND		0.0100		mg/L		10/09/12 14:40	10/10/12 18:11	1
Ag	ND		0.00500		mg/L		10/09/12 14:40	10/10/12 18:11	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200		mg/L		10/10/12 07:56	10/17/12 11:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3	726		10.0		mg/L			10/13/12 12:40	1
Total Dissolved Solids	740		10.0		mg/L			10/06/12 12:10	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: DUP

Lab Sample ID: 490-8500-15

Date Collected: 10/03/12 06:00

Matrix: Water

Date Received: 10/05/12 08:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.00		ug/L			10/11/12 16:12	1
1,1,1-Trichloroethane	ND		1.00		ug/L			10/11/12 16:12	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			10/11/12 16:12	1
1,1,2-Trichloroethane	ND		1.00		ug/L			10/11/12 16:12	1
1,1-Dichloroethane	ND		1.00		ug/L			10/11/12 16:12	1
1,1-Dichloroethene	ND		1.00		ug/L			10/11/12 16:12	1
1,1-Dichloropropene	ND		1.00		ug/L			10/11/12 16:12	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			10/11/12 16:12	1
1,2,3-Trichloropropane	ND		1.00		ug/L			10/11/12 16:12	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			10/11/12 16:12	1
1,2,4-Trimethylbenzene	233		20.0		ug/L			10/12/12 04:21	20
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			10/11/12 16:12	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			10/11/12 16:12	1
1,2-Dichlorobenzene	ND		1.00		ug/L			10/11/12 16:12	1
1,2-Dichloroethane	ND		1.00		ug/L			10/11/12 16:12	1
1,2-Dichloropropane	ND		1.00		ug/L			10/11/12 16:12	1
1,3,5-Trimethylbenzene	38.6		1.00		ug/L			10/11/12 16:12	1
1,3-Dichlorobenzene	ND		1.00		ug/L			10/11/12 16:12	1
1,3-Dichloropropane	ND		1.00		ug/L			10/11/12 16:12	1
1,4-Dichlorobenzene	ND		1.00		ug/L			10/11/12 16:12	1
2,2-Dichloropropane	ND		1.00		ug/L			10/11/12 16:12	1
2-Butanone (MEK)	ND		50.0		ug/L			10/11/12 16:12	1
2-Chlorotoluene	ND		1.00		ug/L			10/11/12 16:12	1
2-Hexanone	ND		10.0		ug/L			10/11/12 16:12	1
4-Chlorotoluene	ND		1.00		ug/L			10/11/12 16:12	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			10/11/12 16:12	1
Acetone	ND		50.0		ug/L			10/11/12 16:12	1
Benzene	2970		20.0		ug/L			10/12/12 04:21	20
Bromobenzene	ND		1.00		ug/L			10/11/12 16:12	1
Bromochloromethane	ND		1.00		ug/L			10/11/12 16:12	1
Bromodichloromethane	ND		1.00		ug/L			10/11/12 16:12	1
Bromoform	ND		1.00		ug/L			10/11/12 16:12	1
Bromomethane	ND		1.00		ug/L			10/11/12 16:12	1
Carbon disulfide	ND		1.00		ug/L			10/11/12 16:12	1
Carbon tetrachloride	ND		1.00		ug/L			10/11/12 16:12	1
Chlorobenzene	ND		1.00		ug/L			10/11/12 16:12	1
Chlorodibromomethane	ND		1.00		ug/L			10/11/12 16:12	1
Chloroethane	ND		1.00		ug/L			10/11/12 16:12	1
Chloroform	ND		1.00		ug/L			10/11/12 16:12	1
Chloromethane	ND		1.00		ug/L			10/11/12 16:12	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			10/11/12 16:12	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			10/11/12 16:12	1
Dibromomethane	ND		1.00		ug/L			10/11/12 16:12	1
Dichlorodifluoromethane	ND		1.00		ug/L			10/11/12 16:12	1
Ethylbenzene	501		20.0		ug/L			10/12/12 04:21	20
Hexachlorobutadiene	ND		2.00		ug/L			10/11/12 16:12	1
Isopropylbenzene	56.5		1.00		ug/L			10/11/12 16:12	1
Methyl tert-butyl ether	ND		1.00		ug/L			10/11/12 16:12	1
Methylene Chloride	ND		5.00		ug/L			10/11/12 16:12	1
Naphthalene	83.3		5.00		ug/L			10/11/12 16:12	1
n-Butylbenzene	ND		1.00		ug/L			10/11/12 16:12	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: DUP

Lab Sample ID: 490-8500-15

Date Collected: 10/03/12 06:00

Matrix: Water

Date Received: 10/05/12 08:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	55.0		1.00		ug/L			10/11/12 16:12	1
p-Isopropyltoluene	9.36		1.00		ug/L			10/11/12 16:12	1
sec-Butylbenzene	10.9		1.00		ug/L			10/11/12 16:12	1
Styrene	ND		1.00		ug/L			10/11/12 16:12	1
tert-Butylbenzene	1.77		1.00		ug/L			10/11/12 16:12	1
Tetrachloroethene	ND		1.00		ug/L			10/11/12 16:12	1
Toluene	ND		1.00		ug/L			10/11/12 16:12	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			10/11/12 16:12	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			10/11/12 16:12	1
Trichloroethene	ND		1.00		ug/L			10/11/12 16:12	1
Trichlorofluoromethane	ND		1.00		ug/L			10/11/12 16:12	1
Vinyl chloride	ND		1.00		ug/L			10/11/12 16:12	1
Xylenes, Total	683		60.0		ug/L			10/12/12 04:21	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	86		70 - 130		10/11/12 16:12	1
1,2-Dichloroethane-d4 (Surr)	88		70 - 130		10/12/12 04:21	20
4-Bromofluorobenzene (Surr)	99		70 - 130		10/11/12 16:12	1
4-Bromofluorobenzene (Surr)	96		70 - 130		10/12/12 04:21	20
Dibromofluoromethane (Surr)	88		70 - 130		10/11/12 16:12	1
Dibromofluoromethane (Surr)	97		70 - 130		10/12/12 04:21	20
Toluene-d8 (Surr)	105		70 - 130		10/11/12 16:12	1
Toluene-d8 (Surr)	100		70 - 130		10/12/12 04:21	20

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.89		ug/L		10/09/12 11:01	10/11/12 20:33	1
Acenaphthylene	ND		1.89		ug/L		10/09/12 11:01	10/11/12 20:33	1
Anthracene	ND		1.89		ug/L		10/09/12 11:01	10/11/12 20:33	1
Benzo[a]anthracene	ND		1.89		ug/L		10/09/12 11:01	10/11/12 20:33	1
Benzo[a]pyrene	ND		1.89		ug/L		10/09/12 11:01	10/11/12 20:33	1
Benzo[b]fluoranthene	ND		1.89		ug/L		10/09/12 11:01	10/11/12 20:33	1
Benzo[g,h,i]perylene	ND		1.89		ug/L		10/09/12 11:01	10/11/12 20:33	1
Benzo[k]fluoranthene	ND		1.89		ug/L		10/09/12 11:01	10/11/12 20:33	1
Chrysene	ND		1.89		ug/L		10/09/12 11:01	10/11/12 20:33	1
Dibenz(a,h)anthracene	ND		1.89		ug/L		10/09/12 11:01	10/11/12 20:33	1
Fluoranthene	ND		1.89		ug/L		10/09/12 11:01	10/11/12 20:33	1
Fluorene	2.49		1.89		ug/L		10/09/12 11:01	10/11/12 20:33	1
Indeno[1,2,3-cd]pyrene	ND		1.89		ug/L		10/09/12 11:01	10/11/12 20:33	1
Naphthalene	41.8		1.89		ug/L		10/09/12 11:01	10/11/12 20:33	1
Phenanthrene	2.18		1.89		ug/L		10/09/12 11:01	10/11/12 20:33	1
Pyrene	ND		1.89		ug/L		10/09/12 11:01	10/11/12 20:33	1
1-Methylnaphthalene	26.5		1.89		ug/L		10/09/12 11:01	10/11/12 20:33	1
2-Methylnaphthalene	29.9		1.89		ug/L		10/09/12 11:01	10/11/12 20:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	67		27 - 120	10/09/12 11:01	10/11/12 20:33	1
Terphenyl-d14 (Surr)	29		13 - 120	10/09/12 11:01	10/11/12 20:33	1
2-Fluorobiphenyl (Surr)	60		29 - 120	10/09/12 11:01	10/11/12 20:33	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: DUP

Lab Sample ID: 490-8500-15

Date Collected: 10/03/12 06:00

Matrix: Water

Date Received: 10/05/12 08:30

Method: 9056 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.47		1.00		mg/L			10/09/12 10:09	1
Sulfate	ND		1.00		mg/L			10/09/12 10:09	1

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
As	0.0233		0.0100		mg/L		10/09/12 14:40	10/10/12 18:14	1
Ba	4.62		0.0100		mg/L		10/09/12 14:40	10/10/12 18:14	1
Cd	ND		0.00100		mg/L		10/09/12 14:40	10/10/12 18:14	1
Cr	ND		0.00500		mg/L		10/09/12 14:40	10/10/12 18:14	1
Pb	ND		0.00500		mg/L		10/09/12 14:40	10/10/12 18:14	1
Se	ND		0.0100		mg/L		10/09/12 14:40	10/10/12 18:14	1
Ag	ND		0.00500		mg/L		10/09/12 14:40	10/10/12 18:14	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200		mg/L		10/10/12 07:56	10/17/12 11:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3	732		10.0		mg/L			10/13/12 12:58	1
Total Dissolved Solids	749		10.0		mg/L			10/06/12 12:10	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: MW-9

Lab Sample ID: 490-8500-16

Date Collected: 10/03/12 19:25

Matrix: Water

Date Received: 10/05/12 08:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.00		ug/L			10/12/12 04:48	1
1,1,1-Trichloroethane	ND		1.00		ug/L			10/12/12 04:48	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			10/12/12 04:48	1
1,1,2-Trichloroethane	ND		1.00		ug/L			10/12/12 04:48	1
1,1-Dichloroethane	ND		1.00		ug/L			10/12/12 04:48	1
1,1-Dichloroethene	ND		1.00		ug/L			10/12/12 04:48	1
1,1-Dichloropropene	ND		1.00		ug/L			10/12/12 04:48	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			10/12/12 04:48	1
1,2,3-Trichloropropane	ND		1.00		ug/L			10/12/12 04:48	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			10/12/12 04:48	1
1,2,4-Trimethylbenzene	525		10.0		ug/L			10/11/12 16:39	10
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			10/12/12 04:48	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			10/12/12 04:48	1
1,2-Dichlorobenzene	ND		1.00		ug/L			10/12/12 04:48	1
1,2-Dichloroethane	ND		1.00		ug/L			10/12/12 04:48	1
1,2-Dichloropropane	ND		1.00		ug/L			10/12/12 04:48	1
1,3,5-Trimethylbenzene	161		1.00		ug/L			10/12/12 04:48	1
1,3-Dichlorobenzene	ND		1.00		ug/L			10/12/12 04:48	1
1,3-Dichloropropane	ND		1.00		ug/L			10/12/12 04:48	1
1,4-Dichlorobenzene	ND		1.00		ug/L			10/12/12 04:48	1
2,2-Dichloropropane	ND		1.00		ug/L			10/12/12 04:48	1
2-Butanone (MEK)	ND		50.0		ug/L			10/12/12 04:48	1
2-Chlorotoluene	ND		1.00		ug/L			10/12/12 04:48	1
2-Hexanone	ND		10.0		ug/L			10/12/12 04:48	1
4-Chlorotoluene	ND		1.00		ug/L			10/12/12 04:48	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			10/12/12 04:48	1
Acetone	ND		50.0		ug/L			10/12/12 04:48	1
Benzene	135		1.00		ug/L			10/12/12 04:48	1
Bromobenzene	ND		1.00		ug/L			10/12/12 04:48	1
Bromochloromethane	ND		1.00		ug/L			10/12/12 04:48	1
Bromodichloromethane	ND		1.00		ug/L			10/12/12 04:48	1
Bromoform	ND		1.00		ug/L			10/12/12 04:48	1
Bromomethane	ND		1.00		ug/L			10/12/12 04:48	1
Carbon disulfide	ND		1.00		ug/L			10/12/12 04:48	1
Carbon tetrachloride	ND		1.00		ug/L			10/12/12 04:48	1
Chlorobenzene	ND		1.00		ug/L			10/12/12 04:48	1
Chlorodibromomethane	ND		1.00		ug/L			10/12/12 04:48	1
Chloroethane	ND		1.00		ug/L			10/12/12 04:48	1
Chloroform	ND		1.00		ug/L			10/12/12 04:48	1
Chloromethane	ND		1.00		ug/L			10/12/12 04:48	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			10/12/12 04:48	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			10/12/12 04:48	1
Dibromomethane	ND		1.00		ug/L			10/12/12 04:48	1
Dichlorodifluoromethane	ND		1.00		ug/L			10/12/12 04:48	1
Ethylbenzene	177		1.00		ug/L			10/12/12 04:48	1
Hexachlorobutadiene	ND		2.00		ug/L			10/12/12 04:48	1
Isopropylbenzene	45.3		1.00		ug/L			10/12/12 04:48	1
Methyl tert-butyl ether	ND		1.00		ug/L			10/12/12 04:48	1
Methylene Chloride	ND		5.00		ug/L			10/12/12 04:48	1
Naphthalene	67.6		5.00		ug/L			10/12/12 04:48	1
n-Butylbenzene	22.7		1.00		ug/L			10/12/12 04:48	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: MW-9

Lab Sample ID: 490-8500-16

Date Collected: 10/03/12 19:25

Matrix: Water

Date Received: 10/05/12 08:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	59.3		1.00		ug/L			10/12/12 04:48	1
p-Isopropyltoluene	15.0		1.00		ug/L			10/12/12 04:48	1
sec-Butylbenzene	15.2		1.00		ug/L			10/12/12 04:48	1
Styrene	ND		1.00		ug/L			10/12/12 04:48	1
tert-Butylbenzene	1.65		1.00		ug/L			10/12/12 04:48	1
Tetrachloroethene	ND		1.00		ug/L			10/12/12 04:48	1
Toluene	9.71		1.00		ug/L			10/12/12 04:48	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			10/12/12 04:48	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			10/12/12 04:48	1
Trichloroethene	ND		1.00		ug/L			10/12/12 04:48	1
Trichlorofluoromethane	ND		1.00		ug/L			10/12/12 04:48	1
Vinyl chloride	ND		1.00		ug/L			10/12/12 04:48	1
Xylenes, Total	829		30.0		ug/L			10/11/12 16:39	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	86		70 - 130		10/11/12 16:39	10
1,2-Dichloroethane-d4 (Surr)	86		70 - 130		10/12/12 04:48	1
4-Bromofluorobenzene (Surr)	98		70 - 130		10/11/12 16:39	10
4-Bromofluorobenzene (Surr)	99		70 - 130		10/12/12 04:48	1
Dibromofluoromethane (Surr)	88		70 - 130		10/11/12 16:39	10
Dibromofluoromethane (Surr)	92		70 - 130		10/12/12 04:48	1
Toluene-d8 (Surr)	102		70 - 130		10/11/12 16:39	10
Toluene-d8 (Surr)	109		70 - 130		10/12/12 04:48	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	17.1		3.77		ug/L		10/09/12 11:01	10/11/12 20:53	2
Acenaphthylene	7.13		3.77		ug/L		10/09/12 11:01	10/11/12 20:53	2
Anthracene	ND		3.77		ug/L		10/09/12 11:01	10/11/12 20:53	2
Benzo[a]anthracene	27.1		3.77		ug/L		10/09/12 11:01	10/11/12 20:53	2
Benzo[a]pyrene	ND		3.77		ug/L		10/09/12 11:01	10/11/12 20:53	2
Benzo[b]fluoranthene	ND		3.77		ug/L		10/09/12 11:01	10/11/12 20:53	2
Benzo[g,h,i]perylene	ND		3.77		ug/L		10/09/12 11:01	10/11/12 20:53	2
Benzo[k]fluoranthene	ND		3.77		ug/L		10/09/12 11:01	10/11/12 20:53	2
Chrysene	ND		3.77		ug/L		10/09/12 11:01	10/11/12 20:53	2
Dibenz(a,h)anthracene	ND		3.77		ug/L		10/09/12 11:01	10/11/12 20:53	2
Fluoranthene	5.00		3.77		ug/L		10/09/12 11:01	10/11/12 20:53	2
Fluorene	76.8		3.77		ug/L		10/09/12 11:01	10/11/12 20:53	2
Indeno[1,2,3-cd]pyrene	ND		3.77		ug/L		10/09/12 11:01	10/11/12 20:53	2
Naphthalene	253		18.9		ug/L		10/09/12 11:01	10/12/12 14:16	10
Phenanthrene	94.1		3.77		ug/L		10/09/12 11:01	10/11/12 20:53	2
Pyrene	9.31		3.77		ug/L		10/09/12 11:01	10/11/12 20:53	2
1-Methylnaphthalene	537		18.9		ug/L		10/09/12 11:01	10/12/12 14:16	10
2-Methylnaphthalene	795		18.9		ug/L		10/09/12 11:01	10/12/12 14:16	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	219	X	27 - 120	10/09/12 11:01	10/11/12 20:53	2
Terphenyl-d14 (Surr)	38		13 - 120	10/09/12 11:01	10/11/12 20:53	2
2-Fluorobiphenyl (Surr)	45		29 - 120	10/09/12 11:01	10/11/12 20:53	2

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: MW-9

Lab Sample ID: 490-8500-16

Date Collected: 10/03/12 19:25

Matrix: Water

Date Received: 10/05/12 08:30

Method: 9056 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	105		20.0		mg/L			10/09/12 10:29	20
Sulfate	23.0		20.0		mg/L			10/09/12 10:29	20

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
As	0.0277		0.0100		mg/L		10/09/12 14:40	10/10/12 18:18	1
Ba	0.0878		0.0100		mg/L		10/09/12 14:40	10/10/12 18:18	1
Cd	ND		0.00100		mg/L		10/09/12 14:40	10/10/12 18:18	1
Cr	ND		0.00500		mg/L		10/09/12 14:40	10/10/12 18:18	1
Pb	ND		0.00500		mg/L		10/09/12 14:40	10/10/12 18:18	1
Se	ND		0.0100		mg/L		10/09/12 14:40	10/10/12 18:18	1
Ag	ND		0.00500		mg/L		10/09/12 14:40	10/10/12 18:18	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200		mg/L		10/10/12 07:56	10/17/12 11:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1130		40.0		mg/L			10/06/12 12:10	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: EB

Lab Sample ID: 490-8500-17

Date Collected: 10/03/12 19:35

Matrix: Water

Date Received: 10/05/12 08:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.00		ug/L			10/11/12 13:28	1
1,1,1-Trichloroethane	ND		1.00		ug/L			10/11/12 13:28	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			10/11/12 13:28	1
1,1,2-Trichloroethane	ND		1.00		ug/L			10/11/12 13:28	1
1,1-Dichloroethane	ND		1.00		ug/L			10/11/12 13:28	1
1,1-Dichloroethene	ND		1.00		ug/L			10/11/12 13:28	1
1,1-Dichloropropene	ND		1.00		ug/L			10/11/12 13:28	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			10/11/12 13:28	1
1,2,3-Trichloropropane	ND		1.00		ug/L			10/11/12 13:28	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			10/11/12 13:28	1
1,2,4-Trimethylbenzene	ND		1.00		ug/L			10/11/12 13:28	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			10/11/12 13:28	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			10/11/12 13:28	1
1,2-Dichlorobenzene	ND		1.00		ug/L			10/11/12 13:28	1
1,2-Dichloroethane	ND		1.00		ug/L			10/11/12 13:28	1
1,2-Dichloropropane	ND		1.00		ug/L			10/11/12 13:28	1
1,3,5-Trimethylbenzene	ND		1.00		ug/L			10/11/12 13:28	1
1,3-Dichlorobenzene	ND		1.00		ug/L			10/11/12 13:28	1
1,3-Dichloropropane	ND		1.00		ug/L			10/11/12 13:28	1
1,4-Dichlorobenzene	ND		1.00		ug/L			10/11/12 13:28	1
2,2-Dichloropropane	ND		1.00		ug/L			10/11/12 13:28	1
2-Butanone (MEK)	ND		50.0		ug/L			10/11/12 13:28	1
2-Chlorotoluene	ND		1.00		ug/L			10/11/12 13:28	1
2-Hexanone	ND		10.0		ug/L			10/11/12 13:28	1
4-Chlorotoluene	ND		1.00		ug/L			10/11/12 13:28	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			10/11/12 13:28	1
Acetone	ND		50.0		ug/L			10/11/12 13:28	1
Benzene	ND		1.00		ug/L			10/11/12 13:28	1
Bromobenzene	ND		1.00		ug/L			10/11/12 13:28	1
Bromochloromethane	ND		1.00		ug/L			10/11/12 13:28	1
Bromodichloromethane	ND		1.00		ug/L			10/11/12 13:28	1
Bromoform	ND		1.00		ug/L			10/11/12 13:28	1
Bromomethane	ND		1.00		ug/L			10/11/12 13:28	1
Carbon disulfide	ND		1.00		ug/L			10/11/12 13:28	1
Carbon tetrachloride	ND		1.00		ug/L			10/11/12 13:28	1
Chlorobenzene	ND		1.00		ug/L			10/11/12 13:28	1
Chlorodibromomethane	ND		1.00		ug/L			10/11/12 13:28	1
Chloroethane	ND		1.00		ug/L			10/11/12 13:28	1
Chloroform	ND		1.00		ug/L			10/11/12 13:28	1
Chloromethane	ND		1.00		ug/L			10/11/12 13:28	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			10/11/12 13:28	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			10/11/12 13:28	1
Dibromomethane	ND		1.00		ug/L			10/11/12 13:28	1
Dichlorodifluoromethane	ND		1.00		ug/L			10/11/12 13:28	1
Ethylbenzene	ND		1.00		ug/L			10/11/12 13:28	1
Hexachlorobutadiene	ND		2.00		ug/L			10/11/12 13:28	1
Isopropylbenzene	ND		1.00		ug/L			10/11/12 13:28	1
Methyl tert-butyl ether	ND		1.00		ug/L			10/11/12 13:28	1
Methylene Chloride	ND		5.00		ug/L			10/11/12 13:28	1
Naphthalene	ND		5.00		ug/L			10/11/12 13:28	1
n-Butylbenzene	ND		1.00		ug/L			10/11/12 13:28	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: EB

Lab Sample ID: 490-8500-17

Date Collected: 10/03/12 19:35

Matrix: Water

Date Received: 10/05/12 08:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		1.00		ug/L			10/11/12 13:28	1
p-Isopropyltoluene	ND		1.00		ug/L			10/11/12 13:28	1
sec-Butylbenzene	ND		1.00		ug/L			10/11/12 13:28	1
Styrene	ND		1.00		ug/L			10/11/12 13:28	1
tert-Butylbenzene	ND		1.00		ug/L			10/11/12 13:28	1
Tetrachloroethene	ND		1.00		ug/L			10/11/12 13:28	1
Toluene	ND		1.00		ug/L			10/11/12 13:28	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			10/11/12 13:28	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			10/11/12 13:28	1
Trichloroethene	ND		1.00		ug/L			10/11/12 13:28	1
Trichlorofluoromethane	ND		1.00		ug/L			10/11/12 13:28	1
Vinyl chloride	ND		1.00		ug/L			10/11/12 13:28	1
Xylenes, Total	ND		3.00		ug/L			10/11/12 13:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		70 - 130		10/11/12 13:28	1
4-Bromofluorobenzene (Surr)	96		70 - 130		10/11/12 13:28	1
Dibromofluoromethane (Surr)	94		70 - 130		10/11/12 13:28	1
Toluene-d8 (Surr)	99		70 - 130		10/11/12 13:28	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.90		ug/L		10/09/12 11:01	10/11/12 21:13	1
Acenaphthylene	ND		1.90		ug/L		10/09/12 11:01	10/11/12 21:13	1
Anthracene	ND		1.90		ug/L		10/09/12 11:01	10/11/12 21:13	1
Benzo[a]anthracene	ND		1.90		ug/L		10/09/12 11:01	10/11/12 21:13	1
Benzo[a]pyrene	ND		1.90		ug/L		10/09/12 11:01	10/11/12 21:13	1
Benzo[b]fluoranthene	ND		1.90		ug/L		10/09/12 11:01	10/11/12 21:13	1
Benzo[g,h,i]perylene	ND		1.90		ug/L		10/09/12 11:01	10/11/12 21:13	1
Benzo[k]fluoranthene	ND		1.90		ug/L		10/09/12 11:01	10/11/12 21:13	1
Chrysene	ND		1.90		ug/L		10/09/12 11:01	10/11/12 21:13	1
Dibenz(a,h)anthracene	ND		1.90		ug/L		10/09/12 11:01	10/11/12 21:13	1
Fluoranthene	ND		1.90		ug/L		10/09/12 11:01	10/11/12 21:13	1
Fluorene	ND		1.90		ug/L		10/09/12 11:01	10/11/12 21:13	1
Indeno[1,2,3-cd]pyrene	ND		1.90		ug/L		10/09/12 11:01	10/11/12 21:13	1
Naphthalene	ND		1.90		ug/L		10/09/12 11:01	10/11/12 21:13	1
Phenanthrene	ND		1.90		ug/L		10/09/12 11:01	10/11/12 21:13	1
Pyrene	ND		1.90		ug/L		10/09/12 11:01	10/11/12 21:13	1
1-Methylnaphthalene	ND		1.90		ug/L		10/09/12 11:01	10/11/12 21:13	1
2-Methylnaphthalene	ND		1.90		ug/L		10/09/12 11:01	10/11/12 21:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	69		27 - 120	10/09/12 11:01	10/11/12 21:13	1
Terphenyl-d14 (Surr)	56		13 - 120	10/09/12 11:01	10/11/12 21:13	1
2-Fluorobiphenyl (Surr)	65		29 - 120	10/09/12 11:01	10/11/12 21:13	1

Method: 9056 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.00		mg/L			10/09/12 10:49	1
Sulfate	ND		1.00		mg/L			10/09/12 10:49	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: EB

Lab Sample ID: 490-8500-17

Date Collected: 10/03/12 19:35

Matrix: Water

Date Received: 10/05/12 08:30

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
As	ND		0.0100		mg/L		10/09/12 14:40	10/10/12 18:21	1
Ba	ND		0.0100		mg/L		10/09/12 14:40	10/10/12 18:21	1
Cd	ND		0.00100		mg/L		10/09/12 14:40	10/10/12 18:21	1
Cr	ND		0.00500		mg/L		10/09/12 14:40	10/10/12 18:21	1
Pb	ND		0.00500		mg/L		10/09/12 14:40	10/10/12 18:21	1
Se	ND		0.0100		mg/L		10/09/12 14:40	10/10/12 18:21	1
Ag	ND		0.00500		mg/L		10/09/12 14:40	10/10/12 18:21	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200		mg/L		10/10/12 07:56	10/17/12 11:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO ₃	ND		10.0		mg/L			10/13/12 13:02	1
Total Dissolved Solids	ND		10.0		mg/L			10/09/12 10:23	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: FB

Lab Sample ID: 490-8500-18

Date Collected: 10/03/12 19:45

Matrix: Water

Date Received: 10/05/12 08:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.00		ug/L			10/11/12 14:50	1
1,1,1-Trichloroethane	ND		1.00		ug/L			10/11/12 14:50	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			10/11/12 14:50	1
1,1,2-Trichloroethane	ND		1.00		ug/L			10/11/12 14:50	1
1,1-Dichloroethane	ND		1.00		ug/L			10/11/12 14:50	1
1,1-Dichloroethene	ND		1.00		ug/L			10/11/12 14:50	1
1,1-Dichloropropene	ND		1.00		ug/L			10/11/12 14:50	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			10/11/12 14:50	1
1,2,3-Trichloropropane	ND		1.00		ug/L			10/11/12 14:50	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			10/11/12 14:50	1
1,2,4-Trimethylbenzene	ND		1.00		ug/L			10/11/12 14:50	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			10/11/12 14:50	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			10/11/12 14:50	1
1,2-Dichlorobenzene	ND		1.00		ug/L			10/11/12 14:50	1
1,2-Dichloroethane	ND		1.00		ug/L			10/11/12 14:50	1
1,2-Dichloropropane	ND		1.00		ug/L			10/11/12 14:50	1
1,3,5-Trimethylbenzene	ND		1.00		ug/L			10/11/12 14:50	1
1,3-Dichlorobenzene	ND		1.00		ug/L			10/11/12 14:50	1
1,3-Dichloropropane	ND		1.00		ug/L			10/11/12 14:50	1
1,4-Dichlorobenzene	ND		1.00		ug/L			10/11/12 14:50	1
2,2-Dichloropropane	ND		1.00		ug/L			10/11/12 14:50	1
2-Butanone (MEK)	ND		50.0		ug/L			10/11/12 14:50	1
2-Chlorotoluene	ND		1.00		ug/L			10/11/12 14:50	1
2-Hexanone	ND		10.0		ug/L			10/11/12 14:50	1
4-Chlorotoluene	ND		1.00		ug/L			10/11/12 14:50	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			10/11/12 14:50	1
Acetone	ND		50.0		ug/L			10/11/12 14:50	1
Benzene	ND		1.00		ug/L			10/11/12 14:50	1
Bromobenzene	ND		1.00		ug/L			10/11/12 14:50	1
Bromochloromethane	ND		1.00		ug/L			10/11/12 14:50	1
Bromodichloromethane	ND		1.00		ug/L			10/11/12 14:50	1
Bromoform	ND		1.00		ug/L			10/11/12 14:50	1
Bromomethane	ND		1.00		ug/L			10/11/12 14:50	1
Carbon disulfide	ND		1.00		ug/L			10/11/12 14:50	1
Carbon tetrachloride	ND		1.00		ug/L			10/11/12 14:50	1
Chlorobenzene	ND		1.00		ug/L			10/11/12 14:50	1
Chlorodibromomethane	ND		1.00		ug/L			10/11/12 14:50	1
Chloroethane	ND		1.00		ug/L			10/11/12 14:50	1
Chloroform	ND		1.00		ug/L			10/11/12 14:50	1
Chloromethane	ND		1.00		ug/L			10/11/12 14:50	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			10/11/12 14:50	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			10/11/12 14:50	1
Dibromomethane	ND		1.00		ug/L			10/11/12 14:50	1
Dichlorodifluoromethane	ND		1.00		ug/L			10/11/12 14:50	1
Ethylbenzene	ND		1.00		ug/L			10/11/12 14:50	1
Hexachlorobutadiene	ND		2.00		ug/L			10/11/12 14:50	1
Isopropylbenzene	ND		1.00		ug/L			10/11/12 14:50	1
Methyl tert-butyl ether	ND		1.00		ug/L			10/11/12 14:50	1
Methylene Chloride	ND		5.00		ug/L			10/11/12 14:50	1
Naphthalene	ND		5.00		ug/L			10/11/12 14:50	1
n-Butylbenzene	ND		1.00		ug/L			10/11/12 14:50	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: FB

Lab Sample ID: 490-8500-18

Date Collected: 10/03/12 19:45

Matrix: Water

Date Received: 10/05/12 08:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		1.00		ug/L			10/11/12 14:50	1
p-Isopropyltoluene	ND		1.00		ug/L			10/11/12 14:50	1
sec-Butylbenzene	ND		1.00		ug/L			10/11/12 14:50	1
Styrene	ND		1.00		ug/L			10/11/12 14:50	1
tert-Butylbenzene	ND		1.00		ug/L			10/11/12 14:50	1
Tetrachloroethene	ND		1.00		ug/L			10/11/12 14:50	1
Toluene	ND		1.00		ug/L			10/11/12 14:50	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			10/11/12 14:50	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			10/11/12 14:50	1
Trichloroethene	ND		1.00		ug/L			10/11/12 14:50	1
Trichlorofluoromethane	ND		1.00		ug/L			10/11/12 14:50	1
Vinyl chloride	ND		1.00		ug/L			10/11/12 14:50	1
Xylenes, Total	ND		3.00		ug/L			10/11/12 14:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		70 - 130					10/11/12 14:50	1
4-Bromofluorobenzene (Surr)	95		70 - 130					10/11/12 14:50	1
Dibromofluoromethane (Surr)	94		70 - 130					10/11/12 14:50	1
Toluene-d8 (Surr)	99		70 - 130					10/11/12 14:50	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.90		ug/L		10/09/12 11:01	10/11/12 21:33	1
Acenaphthylene	ND		1.90		ug/L		10/09/12 11:01	10/11/12 21:33	1
Anthracene	ND		1.90		ug/L		10/09/12 11:01	10/11/12 21:33	1
Benzo[a]anthracene	ND		1.90		ug/L		10/09/12 11:01	10/11/12 21:33	1
Benzo[a]pyrene	ND		1.90		ug/L		10/09/12 11:01	10/11/12 21:33	1
Benzo[b]fluoranthene	ND		1.90		ug/L		10/09/12 11:01	10/11/12 21:33	1
Benzo[g,h,i]perylene	ND		1.90		ug/L		10/09/12 11:01	10/11/12 21:33	1
Benzo[k]fluoranthene	ND		1.90		ug/L		10/09/12 11:01	10/11/12 21:33	1
Chrysene	ND		1.90		ug/L		10/09/12 11:01	10/11/12 21:33	1
Dibenz(a,h)anthracene	ND		1.90		ug/L		10/09/12 11:01	10/11/12 21:33	1
Fluoranthene	ND		1.90		ug/L		10/09/12 11:01	10/11/12 21:33	1
Fluorene	ND		1.90		ug/L		10/09/12 11:01	10/11/12 21:33	1
Indeno[1,2,3-cd]pyrene	ND		1.90		ug/L		10/09/12 11:01	10/11/12 21:33	1
Naphthalene	ND		1.90		ug/L		10/09/12 11:01	10/11/12 21:33	1
Phenanthrene	ND		1.90		ug/L		10/09/12 11:01	10/11/12 21:33	1
Pyrene	ND		1.90		ug/L		10/09/12 11:01	10/11/12 21:33	1
1-Methylnaphthalene	ND		1.90		ug/L		10/09/12 11:01	10/11/12 21:33	1
2-Methylnaphthalene	ND		1.90		ug/L		10/09/12 11:01	10/11/12 21:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	65		27 - 120				10/09/12 11:01	10/11/12 21:33	1
Terphenyl-d14 (Surr)	49		13 - 120				10/09/12 11:01	10/11/12 21:33	1
2-Fluorobiphenyl (Surr)	62		29 - 120				10/09/12 11:01	10/11/12 21:33	1

Method: 9056 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.00		mg/L			10/09/12 11:09	1
Sulfate	ND		1.00		mg/L			10/09/12 11:09	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: FB

Lab Sample ID: 490-8500-18

Date Collected: 10/03/12 19:45

Matrix: Water

Date Received: 10/05/12 08:30

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
As	ND		0.0100		mg/L		10/09/12 14:40	10/10/12 18:24	1
Ba	ND		0.0100		mg/L		10/09/12 14:40	10/10/12 18:24	1
Cd	ND		0.00100		mg/L		10/09/12 14:40	10/10/12 18:24	1
Cr	ND		0.00500		mg/L		10/09/12 14:40	10/10/12 18:24	1
Pb	ND		0.00500		mg/L		10/09/12 14:40	10/10/12 18:24	1
Se	ND		0.0100		mg/L		10/09/12 14:40	10/10/12 18:24	1
Ag	ND		0.00500		mg/L		10/09/12 14:40	10/10/12 18:24	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200		mg/L		10/10/12 07:56	10/17/12 11:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO ₃	ND		10.0		mg/L			10/13/12 13:06	1
Total Dissolved Solids	ND		10.0		mg/L			10/09/12 10:23	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: Trip Blank1

Lab Sample ID: 490-8500-19

Date Collected: 10/03/12 00:01

Matrix: Water

Date Received: 10/05/12 08:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.00		ug/L			10/10/12 17:22	1
1,1,1-Trichloroethane	ND		1.00		ug/L			10/10/12 17:22	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			10/10/12 17:22	1
1,1,2-Trichloroethane	ND		1.00		ug/L			10/10/12 17:22	1
1,1-Dichloroethane	ND		1.00		ug/L			10/10/12 17:22	1
1,1-Dichloroethene	ND		1.00		ug/L			10/10/12 17:22	1
1,1-Dichloropropene	ND		1.00		ug/L			10/10/12 17:22	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			10/10/12 17:22	1
1,2,3-Trichloropropane	ND		1.00		ug/L			10/10/12 17:22	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			10/10/12 17:22	1
1,2,4-Trimethylbenzene	ND		1.00		ug/L			10/10/12 17:22	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			10/10/12 17:22	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			10/10/12 17:22	1
1,2-Dichlorobenzene	ND		1.00		ug/L			10/10/12 17:22	1
1,2-Dichloroethane	ND		1.00		ug/L			10/10/12 17:22	1
1,2-Dichloropropane	ND		1.00		ug/L			10/10/12 17:22	1
1,3,5-Trimethylbenzene	ND		1.00		ug/L			10/10/12 17:22	1
1,3-Dichlorobenzene	ND		1.00		ug/L			10/10/12 17:22	1
1,3-Dichloropropane	ND		1.00		ug/L			10/10/12 17:22	1
1,4-Dichlorobenzene	ND		1.00		ug/L			10/10/12 17:22	1
2,2-Dichloropropane	ND		1.00		ug/L			10/10/12 17:22	1
2-Butanone (MEK)	ND		50.0		ug/L			10/10/12 17:22	1
2-Chlorotoluene	ND		1.00		ug/L			10/10/12 17:22	1
2-Hexanone	ND		10.0		ug/L			10/10/12 17:22	1
4-Chlorotoluene	ND		1.00		ug/L			10/10/12 17:22	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			10/10/12 17:22	1
Acetone	ND		50.0		ug/L			10/10/12 17:22	1
Benzene	ND		1.00		ug/L			10/10/12 17:22	1
Bromobenzene	ND		1.00		ug/L			10/10/12 17:22	1
Bromochloromethane	ND		1.00		ug/L			10/10/12 17:22	1
Bromodichloromethane	ND		1.00		ug/L			10/10/12 17:22	1
Bromoform	ND		1.00		ug/L			10/10/12 17:22	1
Bromomethane	ND		1.00		ug/L			10/10/12 17:22	1
Carbon disulfide	ND		1.00		ug/L			10/10/12 17:22	1
Carbon tetrachloride	ND		1.00		ug/L			10/10/12 17:22	1
Chlorobenzene	ND		1.00		ug/L			10/10/12 17:22	1
Chlorodibromomethane	ND		1.00		ug/L			10/10/12 17:22	1
Chloroethane	ND		1.00		ug/L			10/10/12 17:22	1
Chloroform	ND		1.00		ug/L			10/10/12 17:22	1
Chloromethane	ND		1.00		ug/L			10/10/12 17:22	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			10/10/12 17:22	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			10/10/12 17:22	1
Dibromomethane	ND		1.00		ug/L			10/10/12 17:22	1
Dichlorodifluoromethane	ND		1.00		ug/L			10/10/12 17:22	1
Ethylbenzene	ND		1.00		ug/L			10/10/12 17:22	1
Hexachlorobutadiene	ND		2.00		ug/L			10/10/12 17:22	1
Isopropylbenzene	ND		1.00		ug/L			10/10/12 17:22	1
Methyl tert-butyl ether	ND		1.00		ug/L			10/10/12 17:22	1
Methylene Chloride	ND		5.00		ug/L			10/10/12 17:22	1
Naphthalene	ND		5.00		ug/L			10/10/12 17:22	1
n-Butylbenzene	ND		1.00		ug/L			10/10/12 17:22	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: Trip Blank1

Lab Sample ID: 490-8500-19

Date Collected: 10/03/12 00:01

Matrix: Water

Date Received: 10/05/12 08:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		1.00		ug/L			10/10/12 17:22	1
p-Isopropyltoluene	ND		1.00		ug/L			10/10/12 17:22	1
sec-Butylbenzene	ND		1.00		ug/L			10/10/12 17:22	1
Styrene	ND		1.00		ug/L			10/10/12 17:22	1
tert-Butylbenzene	ND		1.00		ug/L			10/10/12 17:22	1
Tetrachloroethene	ND		1.00		ug/L			10/10/12 17:22	1
Toluene	ND		1.00		ug/L			10/10/12 17:22	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			10/10/12 17:22	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			10/10/12 17:22	1
Trichloroethene	ND		1.00		ug/L			10/10/12 17:22	1
Trichlorofluoromethane	ND		1.00		ug/L			10/10/12 17:22	1
Vinyl chloride	ND		1.00		ug/L			10/10/12 17:22	1
Xylenes, Total	ND		3.00		ug/L			10/10/12 17:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		70 - 130					10/10/12 17:22	1
4-Bromofluorobenzene (Surr)	97		70 - 130					10/10/12 17:22	1
Dibromofluoromethane (Surr)	95		70 - 130					10/10/12 17:22	1
Toluene-d8 (Surr)	100		70 - 130					10/10/12 17:22	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: Trip Blank2

Lab Sample ID: 490-8500-20

Date Collected: 10/03/12 00:01

Matrix: Water

Date Received: 10/05/12 08:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.00		ug/L			10/10/12 17:49	1
1,1,1-Trichloroethane	ND		1.00		ug/L			10/10/12 17:49	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			10/10/12 17:49	1
1,1,2-Trichloroethane	ND		1.00		ug/L			10/10/12 17:49	1
1,1-Dichloroethane	ND		1.00		ug/L			10/10/12 17:49	1
1,1-Dichloroethene	ND	*	1.00		ug/L			10/10/12 17:49	1
1,1-Dichloropropene	ND		1.00		ug/L			10/10/12 17:49	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			10/10/12 17:49	1
1,2,3-Trichloropropane	ND		1.00		ug/L			10/10/12 17:49	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			10/10/12 17:49	1
1,2,4-Trimethylbenzene	ND		1.00		ug/L			10/10/12 17:49	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			10/10/12 17:49	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			10/10/12 17:49	1
1,2-Dichlorobenzene	ND		1.00		ug/L			10/10/12 17:49	1
1,2-Dichloroethane	ND		1.00		ug/L			10/10/12 17:49	1
1,2-Dichloropropane	ND		1.00		ug/L			10/10/12 17:49	1
1,3,5-Trimethylbenzene	ND		1.00		ug/L			10/10/12 17:49	1
1,3-Dichlorobenzene	ND		1.00		ug/L			10/10/12 17:49	1
1,3-Dichloropropane	ND		1.00		ug/L			10/10/12 17:49	1
1,4-Dichlorobenzene	ND		1.00		ug/L			10/10/12 17:49	1
2,2-Dichloropropane	ND		1.00		ug/L			10/10/12 17:49	1
2-Butanone (MEK)	ND		50.0		ug/L			10/10/12 17:49	1
2-Chlorotoluene	ND		1.00		ug/L			10/10/12 17:49	1
2-Hexanone	ND		10.0		ug/L			10/10/12 17:49	1
4-Chlorotoluene	ND		1.00		ug/L			10/10/12 17:49	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			10/10/12 17:49	1
Acetone	ND		50.0		ug/L			10/10/12 17:49	1
Benzene	ND		1.00		ug/L			10/10/12 17:49	1
Bromobenzene	ND		1.00		ug/L			10/10/12 17:49	1
Bromochloromethane	ND		1.00		ug/L			10/10/12 17:49	1
Bromodichloromethane	ND		1.00		ug/L			10/10/12 17:49	1
Bromoform	ND		1.00		ug/L			10/10/12 17:49	1
Bromomethane	ND		1.00		ug/L			10/10/12 17:49	1
Carbon disulfide	ND		1.00		ug/L			10/10/12 17:49	1
Carbon tetrachloride	ND		1.00		ug/L			10/10/12 17:49	1
Chlorobenzene	ND		1.00		ug/L			10/10/12 17:49	1
Chlorodibromomethane	ND		1.00		ug/L			10/10/12 17:49	1
Chloroethane	ND		1.00		ug/L			10/10/12 17:49	1
Chloroform	ND		1.00		ug/L			10/10/12 17:49	1
Chloromethane	ND		1.00		ug/L			10/10/12 17:49	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			10/10/12 17:49	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			10/10/12 17:49	1
Dibromomethane	ND		1.00		ug/L			10/10/12 17:49	1
Dichlorodifluoromethane	ND		1.00		ug/L			10/10/12 17:49	1
Ethylbenzene	ND		1.00		ug/L			10/10/12 17:49	1
Hexachlorobutadiene	ND		2.00		ug/L			10/10/12 17:49	1
Isopropylbenzene	ND		1.00		ug/L			10/10/12 17:49	1
Methyl tert-butyl ether	ND		1.00		ug/L			10/10/12 17:49	1
Methylene Chloride	ND		5.00		ug/L			10/10/12 17:49	1
Naphthalene	ND		5.00		ug/L			10/10/12 17:49	1
n-Butylbenzene	ND		1.00		ug/L			10/10/12 17:49	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: Trip Blank2

Lab Sample ID: 490-8500-20

Date Collected: 10/03/12 00:01

Matrix: Water

Date Received: 10/05/12 08:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		1.00		ug/L			10/10/12 17:49	1
p-Isopropyltoluene	ND		1.00		ug/L			10/10/12 17:49	1
sec-Butylbenzene	ND		1.00		ug/L			10/10/12 17:49	1
Styrene	ND		1.00		ug/L			10/10/12 17:49	1
tert-Butylbenzene	ND		1.00		ug/L			10/10/12 17:49	1
Tetrachloroethene	ND		1.00		ug/L			10/10/12 17:49	1
Toluene	ND		1.00		ug/L			10/10/12 17:49	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			10/10/12 17:49	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			10/10/12 17:49	1
Trichloroethene	ND		1.00		ug/L			10/10/12 17:49	1
Trichlorofluoromethane	ND		1.00		ug/L			10/10/12 17:49	1
Vinyl chloride	ND		1.00		ug/L			10/10/12 17:49	1
Xylenes, Total	ND		3.00		ug/L			10/10/12 17:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		70 - 130					10/10/12 17:49	1
4-Bromofluorobenzene (Surr)	97		70 - 130					10/10/12 17:49	1
Dibromofluoromethane (Surr)	102		70 - 130					10/10/12 17:49	1
Toluene-d8 (Surr)	100		70 - 130					10/10/12 17:49	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: Trip Blank3

Lab Sample ID: 490-8500-21

Date Collected: 10/03/12 00:01

Matrix: Water

Date Received: 10/05/12 08:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.00		ug/L			10/10/12 18:16	1
1,1,1-Trichloroethane	ND		1.00		ug/L			10/10/12 18:16	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			10/10/12 18:16	1
1,1,2-Trichloroethane	ND		1.00		ug/L			10/10/12 18:16	1
1,1-Dichloroethane	ND		1.00		ug/L			10/10/12 18:16	1
1,1-Dichloroethene	ND		1.00		ug/L			10/10/12 18:16	1
1,1-Dichloropropene	ND		1.00		ug/L			10/10/12 18:16	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			10/10/12 18:16	1
1,2,3-Trichloropropane	ND		1.00		ug/L			10/10/12 18:16	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			10/10/12 18:16	1
1,2,4-Trimethylbenzene	ND		1.00		ug/L			10/10/12 18:16	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			10/10/12 18:16	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			10/10/12 18:16	1
1,2-Dichlorobenzene	ND		1.00		ug/L			10/10/12 18:16	1
1,2-Dichloroethane	ND		1.00		ug/L			10/10/12 18:16	1
1,2-Dichloropropane	ND		1.00		ug/L			10/10/12 18:16	1
1,3,5-Trimethylbenzene	ND		1.00		ug/L			10/10/12 18:16	1
1,3-Dichlorobenzene	ND		1.00		ug/L			10/10/12 18:16	1
1,3-Dichloropropane	ND		1.00		ug/L			10/10/12 18:16	1
1,4-Dichlorobenzene	ND		1.00		ug/L			10/10/12 18:16	1
2,2-Dichloropropane	ND		1.00		ug/L			10/10/12 18:16	1
2-Butanone (MEK)	ND		50.0		ug/L			10/10/12 18:16	1
2-Chlorotoluene	ND		1.00		ug/L			10/10/12 18:16	1
2-Hexanone	ND		10.0		ug/L			10/10/12 18:16	1
4-Chlorotoluene	ND		1.00		ug/L			10/10/12 18:16	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			10/10/12 18:16	1
Acetone	ND		50.0		ug/L			10/10/12 18:16	1
Benzene	ND		1.00		ug/L			10/10/12 18:16	1
Bromobenzene	ND		1.00		ug/L			10/10/12 18:16	1
Bromochloromethane	ND		1.00		ug/L			10/10/12 18:16	1
Bromodichloromethane	ND		1.00		ug/L			10/10/12 18:16	1
Bromoform	ND		1.00		ug/L			10/10/12 18:16	1
Bromomethane	ND		1.00		ug/L			10/10/12 18:16	1
Carbon disulfide	ND		1.00		ug/L			10/10/12 18:16	1
Carbon tetrachloride	ND		1.00		ug/L			10/10/12 18:16	1
Chlorobenzene	ND		1.00		ug/L			10/10/12 18:16	1
Chlorodibromomethane	ND		1.00		ug/L			10/10/12 18:16	1
Chloroethane	ND		1.00		ug/L			10/10/12 18:16	1
Chloroform	ND		1.00		ug/L			10/10/12 18:16	1
Chloromethane	ND		1.00		ug/L			10/10/12 18:16	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			10/10/12 18:16	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			10/10/12 18:16	1
Dibromomethane	ND		1.00		ug/L			10/10/12 18:16	1
Dichlorodifluoromethane	ND		1.00		ug/L			10/10/12 18:16	1
Ethylbenzene	ND		1.00		ug/L			10/10/12 18:16	1
Hexachlorobutadiene	ND		2.00		ug/L			10/10/12 18:16	1
Isopropylbenzene	ND		1.00		ug/L			10/10/12 18:16	1
Methyl tert-butyl ether	ND		1.00		ug/L			10/10/12 18:16	1
Methylene Chloride	ND		5.00		ug/L			10/10/12 18:16	1
Naphthalene	ND		5.00		ug/L			10/10/12 18:16	1
n-Butylbenzene	ND		1.00		ug/L			10/10/12 18:16	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: Trip Blank3

Lab Sample ID: 490-8500-21

Date Collected: 10/03/12 00:01

Matrix: Water

Date Received: 10/05/12 08:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		1.00		ug/L			10/10/12 18:16	1
p-Isopropyltoluene	ND		1.00		ug/L			10/10/12 18:16	1
sec-Butylbenzene	ND		1.00		ug/L			10/10/12 18:16	1
Styrene	ND		1.00		ug/L			10/10/12 18:16	1
tert-Butylbenzene	ND		1.00		ug/L			10/10/12 18:16	1
Tetrachloroethene	ND		1.00		ug/L			10/10/12 18:16	1
Toluene	ND		1.00		ug/L			10/10/12 18:16	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			10/10/12 18:16	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			10/10/12 18:16	1
Trichloroethene	ND		1.00		ug/L			10/10/12 18:16	1
Trichlorofluoromethane	ND		1.00		ug/L			10/10/12 18:16	1
Vinyl chloride	ND		1.00		ug/L			10/10/12 18:16	1
Xylenes, Total	ND		3.00		ug/L			10/10/12 18:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		70 - 130		10/10/12 18:16	1
4-Bromofluorobenzene (Surr)	97		70 - 130		10/10/12 18:16	1
Dibromofluoromethane (Surr)	103		70 - 130		10/10/12 18:16	1
Toluene-d8 (Surr)	99		70 - 130		10/10/12 18:16	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: Trip Blank4

Lab Sample ID: 490-8500-22

Date Collected: 10/03/12 00:01

Matrix: Water

Date Received: 10/05/12 08:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.00		ug/L			10/10/12 18:43	1
1,1,1-Trichloroethane	ND		1.00		ug/L			10/10/12 18:43	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			10/10/12 18:43	1
1,1,2-Trichloroethane	ND		1.00		ug/L			10/10/12 18:43	1
1,1-Dichloroethane	ND		1.00		ug/L			10/10/12 18:43	1
1,1-Dichloroethene	ND	*	1.00		ug/L			10/10/12 18:43	1
1,1-Dichloropropene	ND		1.00		ug/L			10/10/12 18:43	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			10/10/12 18:43	1
1,2,3-Trichloropropane	ND		1.00		ug/L			10/10/12 18:43	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			10/10/12 18:43	1
1,2,4-Trimethylbenzene	ND		1.00		ug/L			10/10/12 18:43	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			10/10/12 18:43	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			10/10/12 18:43	1
1,2-Dichlorobenzene	ND		1.00		ug/L			10/10/12 18:43	1
1,2-Dichloroethane	ND		1.00		ug/L			10/10/12 18:43	1
1,2-Dichloropropane	ND		1.00		ug/L			10/10/12 18:43	1
1,3,5-Trimethylbenzene	ND		1.00		ug/L			10/10/12 18:43	1
1,3-Dichlorobenzene	ND		1.00		ug/L			10/10/12 18:43	1
1,3-Dichloropropane	ND		1.00		ug/L			10/10/12 18:43	1
1,4-Dichlorobenzene	ND		1.00		ug/L			10/10/12 18:43	1
2,2-Dichloropropane	ND		1.00		ug/L			10/10/12 18:43	1
2-Butanone (MEK)	ND		50.0		ug/L			10/10/12 18:43	1
2-Chlorotoluene	ND		1.00		ug/L			10/10/12 18:43	1
2-Hexanone	ND		10.0		ug/L			10/10/12 18:43	1
4-Chlorotoluene	ND		1.00		ug/L			10/10/12 18:43	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			10/10/12 18:43	1
Acetone	ND		50.0		ug/L			10/10/12 18:43	1
Benzene	ND		1.00		ug/L			10/10/12 18:43	1
Bromobenzene	ND		1.00		ug/L			10/10/12 18:43	1
Bromochloromethane	ND		1.00		ug/L			10/10/12 18:43	1
Bromodichloromethane	ND		1.00		ug/L			10/10/12 18:43	1
Bromoform	ND		1.00		ug/L			10/10/12 18:43	1
Bromomethane	ND		1.00		ug/L			10/10/12 18:43	1
Carbon disulfide	ND		1.00		ug/L			10/10/12 18:43	1
Carbon tetrachloride	ND		1.00		ug/L			10/10/12 18:43	1
Chlorobenzene	ND		1.00		ug/L			10/10/12 18:43	1
Chlorodibromomethane	ND		1.00		ug/L			10/10/12 18:43	1
Chloroethane	ND		1.00		ug/L			10/10/12 18:43	1
Chloroform	ND		1.00		ug/L			10/10/12 18:43	1
Chloromethane	ND		1.00		ug/L			10/10/12 18:43	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			10/10/12 18:43	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			10/10/12 18:43	1
Dibromomethane	ND		1.00		ug/L			10/10/12 18:43	1
Dichlorodifluoromethane	ND		1.00		ug/L			10/10/12 18:43	1
Ethylbenzene	ND		1.00		ug/L			10/10/12 18:43	1
Hexachlorobutadiene	ND		2.00		ug/L			10/10/12 18:43	1
Isopropylbenzene	ND		1.00		ug/L			10/10/12 18:43	1
Methyl tert-butyl ether	ND		1.00		ug/L			10/10/12 18:43	1
Methylene Chloride	ND		5.00		ug/L			10/10/12 18:43	1
Naphthalene	ND		5.00		ug/L			10/10/12 18:43	1
n-Butylbenzene	ND		1.00		ug/L			10/10/12 18:43	1

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: Trip Blank4

Lab Sample ID: 490-8500-22

Date Collected: 10/03/12 00:01

Matrix: Water

Date Received: 10/05/12 08:30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		1.00		ug/L			10/10/12 18:43	1
p-Isopropyltoluene	ND		1.00		ug/L			10/10/12 18:43	1
sec-Butylbenzene	ND		1.00		ug/L			10/10/12 18:43	1
Styrene	ND		1.00		ug/L			10/10/12 18:43	1
tert-Butylbenzene	ND		1.00		ug/L			10/10/12 18:43	1
Tetrachloroethene	ND		1.00		ug/L			10/10/12 18:43	1
Toluene	ND		1.00		ug/L			10/10/12 18:43	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			10/10/12 18:43	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			10/10/12 18:43	1
Trichloroethene	ND		1.00		ug/L			10/10/12 18:43	1
Trichlorofluoromethane	ND		1.00		ug/L			10/10/12 18:43	1
Vinyl chloride	ND		1.00		ug/L			10/10/12 18:43	1
Xylenes, Total	ND		3.00		ug/L			10/10/12 18:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		70 - 130					10/10/12 18:43	1
4-Bromofluorobenzene (Surr)	93		70 - 130					10/10/12 18:43	1
Dibromofluoromethane (Surr)	101		70 - 130					10/10/12 18:43	1
Toluene-d8 (Surr)	101		70 - 130					10/10/12 18:43	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 490-26944/7

Matrix: Water

Analysis Batch: 26944

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.00		ug/L			10/10/12 15:34	1
1,1,1-Trichloroethane	ND		1.00		ug/L			10/10/12 15:34	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			10/10/12 15:34	1
1,1,2-Trichloroethane	ND		1.00		ug/L			10/10/12 15:34	1
1,1-Dichloroethane	ND		1.00		ug/L			10/10/12 15:34	1
1,1-Dichloroethene	ND		1.00		ug/L			10/10/12 15:34	1
1,1-Dichloropropene	ND		1.00		ug/L			10/10/12 15:34	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			10/10/12 15:34	1
1,2,3-Trichloropropane	ND		1.00		ug/L			10/10/12 15:34	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			10/10/12 15:34	1
1,2,4-Trimethylbenzene	ND		1.00		ug/L			10/10/12 15:34	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			10/10/12 15:34	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			10/10/12 15:34	1
1,2-Dichlorobenzene	ND		1.00		ug/L			10/10/12 15:34	1
1,2-Dichloroethane	ND		1.00		ug/L			10/10/12 15:34	1
1,2-Dichloropropane	ND		1.00		ug/L			10/10/12 15:34	1
1,3,5-Trimethylbenzene	ND		1.00		ug/L			10/10/12 15:34	1
1,3-Dichlorobenzene	ND		1.00		ug/L			10/10/12 15:34	1
1,3-Dichloropropane	ND		1.00		ug/L			10/10/12 15:34	1
1,4-Dichlorobenzene	ND		1.00		ug/L			10/10/12 15:34	1
2,2-Dichloropropane	ND		1.00		ug/L			10/10/12 15:34	1
2-Butanone (MEK)	ND		50.0		ug/L			10/10/12 15:34	1
2-Chlorotoluene	ND		1.00		ug/L			10/10/12 15:34	1
2-Hexanone	ND		10.0		ug/L			10/10/12 15:34	1
4-Chlorotoluene	ND		1.00		ug/L			10/10/12 15:34	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			10/10/12 15:34	1
Acetone	ND		50.0		ug/L			10/10/12 15:34	1
Benzene	ND		1.00		ug/L			10/10/12 15:34	1
Bromobenzene	ND		1.00		ug/L			10/10/12 15:34	1
Bromochloromethane	ND		1.00		ug/L			10/10/12 15:34	1
Bromodichloromethane	ND		1.00		ug/L			10/10/12 15:34	1
Bromoform	ND		1.00		ug/L			10/10/12 15:34	1
Bromomethane	ND		1.00		ug/L			10/10/12 15:34	1
Carbon disulfide	ND		1.00		ug/L			10/10/12 15:34	1
Carbon tetrachloride	ND		1.00		ug/L			10/10/12 15:34	1
Chlorobenzene	ND		1.00		ug/L			10/10/12 15:34	1
Chlorodibromomethane	ND		1.00		ug/L			10/10/12 15:34	1
Chloroethane	ND		1.00		ug/L			10/10/12 15:34	1
Chloroform	ND		1.00		ug/L			10/10/12 15:34	1
Chloromethane	ND		1.00		ug/L			10/10/12 15:34	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			10/10/12 15:34	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			10/10/12 15:34	1
Dibromomethane	ND		1.00		ug/L			10/10/12 15:34	1
Dichlorodifluoromethane	ND		1.00		ug/L			10/10/12 15:34	1
Ethylbenzene	ND		1.00		ug/L			10/10/12 15:34	1
Hexachlorobutadiene	ND		2.00		ug/L			10/10/12 15:34	1
Isopropylbenzene	ND		1.00		ug/L			10/10/12 15:34	1
Methyl tert-butyl ether	ND		1.00		ug/L			10/10/12 15:34	1
Methylene Chloride	ND		5.00		ug/L			10/10/12 15:34	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-26944/7

Matrix: Water

Analysis Batch: 26944

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		5.00		ug/L			10/10/12 15:34	1
n-Butylbenzene	ND		1.00		ug/L			10/10/12 15:34	1
N-Propylbenzene	ND		1.00		ug/L			10/10/12 15:34	1
p-Isopropyltoluene	ND		1.00		ug/L			10/10/12 15:34	1
sec-Butylbenzene	ND		1.00		ug/L			10/10/12 15:34	1
Styrene	ND		1.00		ug/L			10/10/12 15:34	1
tert-Butylbenzene	ND		1.00		ug/L			10/10/12 15:34	1
Tetrachloroethene	ND		1.00		ug/L			10/10/12 15:34	1
Toluene	ND		1.00		ug/L			10/10/12 15:34	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			10/10/12 15:34	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			10/10/12 15:34	1
Trichloroethene	ND		1.00		ug/L			10/10/12 15:34	1
Trichlorofluoromethane	ND		1.00		ug/L			10/10/12 15:34	1
Vinyl chloride	ND		1.00		ug/L			10/10/12 15:34	1
Xylenes, Total	ND		3.00		ug/L			10/10/12 15:34	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	84		70 - 130		10/10/12 15:34	1
4-Bromofluorobenzene (Surr)	96		70 - 130		10/10/12 15:34	1
Dibromofluoromethane (Surr)	94		70 - 130		10/10/12 15:34	1
Toluene-d8 (Surr)	99		70 - 130		10/10/12 15:34	1

Lab Sample ID: LCS 490-26944/3

Matrix: Water

Analysis Batch: 26944

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	52.20		ug/L		104	74 - 135
1,1,1-Trichloroethane	50.0	45.65		ug/L		91	78 - 135
1,1,2,2-Tetrachloroethane	50.0	54.02		ug/L		108	69 - 131
1,1,2-Trichloroethane	50.0	51.60		ug/L		103	80 - 124
1,1-Dichloroethane	50.0	53.71		ug/L		107	78 - 125
1,1-Dichloroethene	50.0	62.30	*	ug/L		125	79 - 124
1,1-Dichloropropene	50.0	50.14		ug/L		100	80 - 122
1,2,3-Trichlorobenzene	50.0	56.95		ug/L		114	62 - 133
1,2,3-Trichloropropane	50.0	52.76		ug/L		106	70 - 131
1,2,4-Trichlorobenzene	50.0	56.93		ug/L		114	63 - 133
1,2,4-Trimethylbenzene	50.0	52.65		ug/L		105	77 - 126
1,2-Dibromo-3-Chloropropane	50.0	54.32		ug/L		109	54 - 125
1,2-Dibromoethane (EDB)	50.0	53.05		ug/L		106	80 - 129
1,2-Dichlorobenzene	50.0	52.96		ug/L		106	80 - 121
1,2-Dichloroethane	50.0	41.70		ug/L		83	77 - 121
1,2-Dichloropropane	50.0	51.55		ug/L		103	75 - 120
1,3,5-Trimethylbenzene	50.0	53.72		ug/L		107	77 - 127
1,3-Dichlorobenzene	50.0	53.49		ug/L		107	80 - 122
1,3-Dichloropropane	50.0	53.75		ug/L		108	80 - 125
1,4-Dichlorobenzene	50.0	53.62		ug/L		107	80 - 120
2,2-Dichloropropane	50.0	52.42		ug/L		105	43 - 161
2-Butanone (MEK)	250	250.6		ug/L		100	62 - 133

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-26944/3

Matrix: Water

Analysis Batch: 26944

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chlorotoluene	50.0	52.24		ug/L		104	75 - 126
2-Hexanone	250	277.5		ug/L		111	60 - 142
4-Chlorotoluene	50.0	53.21		ug/L		106	75 - 130
4-Methyl-2-pentanone (MIBK)	250	267.4		ug/L		107	60 - 137
Acetone	250	277.7		ug/L		111	54 - 145
Benzene	50.0	51.50		ug/L		103	80 - 121
Bromobenzene	50.0	51.15		ug/L		102	68 - 130
Bromochloromethane	50.0	53.81		ug/L		108	78 - 129
Bromodichloromethane	50.0	54.51		ug/L		109	75 - 129
Bromoform	50.0	53.16		ug/L		106	46 - 145
Bromomethane	50.0	60.65		ug/L		121	41 - 150
Carbon disulfide	50.0	53.80		ug/L		108	77 - 126
Carbon tetrachloride	50.0	47.16		ug/L		94	64 - 147
Chlorobenzene	50.0	53.27		ug/L		107	80 - 120
Chlorodibromomethane	50.0	53.36		ug/L		107	69 - 133
Chloroethane	50.0	49.42		ug/L		99	72 - 120
Chloroform	50.0	47.71		ug/L		95	73 - 129
Chloromethane	50.0	48.32		ug/L		97	12 - 150
cis-1,2-Dichloroethene	50.0	50.06		ug/L		100	76 - 125
cis-1,3-Dichloropropene	50.0	54.44		ug/L		109	74 - 140
Dibromomethane	50.0	50.03		ug/L		100	71 - 125
Dichlorodifluoromethane	50.0	38.83		ug/L		78	37 - 127
Ethylbenzene	50.0	53.29		ug/L		107	80 - 130
Hexachlorobutadiene	50.0	49.14		ug/L		98	49 - 146
Isopropylbenzene	50.0	53.29		ug/L		107	80 - 141
Methyl tert-butyl ether	50.0	49.74		ug/L		99	72 - 133
Methylene Chloride	50.0	57.25		ug/L		115	79 - 123
Naphthalene	50.0	57.97		ug/L		116	62 - 138
n-Butylbenzene	50.0	57.80		ug/L		116	68 - 132
N-Propylbenzene	50.0	54.40		ug/L		109	75 - 129
p-Isopropyltoluene	50.0	54.59		ug/L		109	75 - 128
sec-Butylbenzene	50.0	55.43		ug/L		111	76 - 128
Styrene	50.0	54.97		ug/L		110	80 - 127
tert-Butylbenzene	50.0	53.57		ug/L		107	76 - 126
Tetrachloroethene	50.0	52.93		ug/L		106	80 - 126
Toluene	50.0	53.59		ug/L		107	80 - 126
trans-1,2-Dichloroethene	50.0	56.07		ug/L		112	79 - 126
trans-1,3-Dichloropropene	50.0	52.78		ug/L		106	63 - 134
Trichloroethene	50.0	53.92		ug/L		108	80 - 123
Trichlorofluoromethane	50.0	45.15		ug/L		90	65 - 124
Vinyl chloride	50.0	49.64		ug/L		99	68 - 120
Xylenes, Total	150	156.9		ug/L		105	80 - 132

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	80		70 - 130
4-Bromofluorobenzene (Surr)	97		70 - 130
Dibromofluoromethane (Surr)	91		70 - 130
Toluene-d8 (Surr)	101		70 - 130

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-26944/4

Matrix: Water

Analysis Batch: 26944

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	50.0	52.76		ug/L		106	74 - 135	1	16
1,1,1-Trichloroethane	50.0	46.28		ug/L		93	78 - 135	1	17
1,1,2,2-Tetrachloroethane	50.0	56.02		ug/L		112	69 - 131	4	20
1,1,2-Trichloroethane	50.0	52.48		ug/L		105	80 - 124	2	15
1,1-Dichloroethane	50.0	54.17		ug/L		108	78 - 125	1	17
1,1-Dichloroethene	50.0	63.20	*	ug/L		126	79 - 124	1	17
1,1-Dichloropropene	50.0	50.47		ug/L		101	80 - 122	1	17
1,2,3-Trichlorobenzene	50.0	59.04		ug/L		118	62 - 133	4	25
1,2,3-Trichloropropane	50.0	54.65		ug/L		109	70 - 131	4	19
1,2,4-Trichlorobenzene	50.0	59.50		ug/L		119	63 - 133	4	19
1,2,4-Trimethylbenzene	50.0	52.80		ug/L		106	77 - 126	0	16
1,2-Dibromo-3-Chloropropane	50.0	56.99		ug/L		114	54 - 125	5	24
1,2-Dibromoethane (EDB)	50.0	53.89		ug/L		108	80 - 129	2	15
1,2-Dichlorobenzene	50.0	54.81		ug/L		110	80 - 121	3	15
1,2-Dichloroethane	50.0	46.72		ug/L		93	77 - 121	11	17
1,2-Dichloropropane	50.0	52.49		ug/L		105	75 - 120	2	17
1,3,5-Trimethylbenzene	50.0	55.02		ug/L		110	77 - 127	2	17
1,3-Dichlorobenzene	50.0	54.97		ug/L		110	80 - 122	3	15
1,3-Dichloropropane	50.0	54.46		ug/L		109	80 - 125	1	14
1,4-Dichlorobenzene	50.0	54.63		ug/L		109	80 - 120	2	15
2,2-Dichloropropane	50.0	53.00		ug/L		106	43 - 161	1	18
2-Butanone (MEK)	250	253.9		ug/L		102	62 - 133	1	19
2-Chlorotoluene	50.0	53.88		ug/L		108	75 - 126	3	17
2-Hexanone	250	277.7		ug/L		111	60 - 142	0	15
4-Chlorotoluene	50.0	55.41		ug/L		111	75 - 130	4	18
4-Methyl-2-pentanone (MIBK)	250	270.1		ug/L		108	60 - 137	1	17
Acetone	250	268.3		ug/L		107	54 - 145	3	21
Benzene	50.0	54.59		ug/L		109	80 - 121	6	17
Bromobenzene	50.0	52.58		ug/L		105	68 - 130	3	20
Bromochloromethane	50.0	54.30		ug/L		109	78 - 129	1	17
Bromodichloromethane	50.0	55.51		ug/L		111	75 - 129	2	18
Bromoform	50.0	53.82		ug/L		108	46 - 145	1	16
Bromomethane	50.0	60.44		ug/L		121	41 - 150	0	50
Carbon disulfide	50.0	53.81		ug/L		108	77 - 126	0	21
Carbon tetrachloride	50.0	47.51		ug/L		95	64 - 147	1	19
Chlorobenzene	50.0	53.72		ug/L		107	80 - 120	1	14
Chlorodibromomethane	50.0	53.99		ug/L		108	69 - 133	1	15
Chloroethane	50.0	49.16		ug/L		98	72 - 120	1	20
Chloroform	50.0	47.89		ug/L		96	73 - 129	0	18
Chloromethane	50.0	48.86		ug/L		98	12 - 150	1	31
cis-1,2-Dichloroethene	50.0	50.58		ug/L		101	76 - 125	1	17
cis-1,3-Dichloropropene	50.0	55.32		ug/L		111	74 - 140	2	15
Dibromomethane	50.0	51.55		ug/L		103	71 - 125	3	16
Dichlorodifluoromethane	50.0	39.21		ug/L		78	37 - 127	1	18
Ethylbenzene	50.0	53.38		ug/L		107	80 - 130	0	15
Hexachlorobutadiene	50.0	51.84		ug/L		104	49 - 146	5	23
Isopropylbenzene	50.0	53.42		ug/L		107	80 - 141	0	16
Methyl tert-butyl ether	50.0	50.47		ug/L		101	72 - 133	1	16
Methylene Chloride	50.0	57.63		ug/L		115	79 - 123	1	17

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-26944/4

Matrix: Water

Analysis Batch: 26944

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Naphthalene	50.0	60.47		ug/L		121	62 - 138	4	26
n-Butylbenzene	50.0	59.90		ug/L		120	68 - 132	4	18
N-Propylbenzene	50.0	56.32		ug/L		113	75 - 129	3	17
p-Isopropyltoluene	50.0	56.01		ug/L		112	75 - 128	3	16
sec-Butylbenzene	50.0	56.86		ug/L		114	76 - 128	3	16
Styrene	50.0	55.66		ug/L		111	80 - 127	1	24
tert-Butylbenzene	50.0	55.20		ug/L		110	76 - 126	3	16
Tetrachloroethene	50.0	53.06		ug/L		106	80 - 126	0	16
Toluene	50.0	53.58		ug/L		107	80 - 126	0	15
trans-1,2-Dichloroethene	50.0	56.38		ug/L		113	79 - 126	1	16
trans-1,3-Dichloropropene	50.0	53.31		ug/L		107	63 - 134	1	14
Trichloroethene	50.0	54.23		ug/L		108	80 - 123	1	17
Trichlorofluoromethane	50.0	45.48		ug/L		91	65 - 124	1	18
Vinyl chloride	50.0	49.88		ug/L		100	68 - 120	0	17
Xylenes, Total	150	157.9		ug/L		105	80 - 132	1	15

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	87		70 - 130
4-Bromofluorobenzene (Surr)	99		70 - 130
Dibromofluoromethane (Surr)	89		70 - 130
Toluene-d8 (Surr)	99		70 - 130

Lab Sample ID: 490-8500-1 MS

Matrix: Water

Analysis Batch: 26944

Client Sample ID: MW-22

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	ND		50.0	54.50		ug/L		109	73 - 141
1,1,1-Trichloroethane	ND		50.0	53.72		ug/L		107	76 - 149
1,1,1,2,2-Tetrachloroethane	ND		50.0	56.28		ug/L		113	56 - 143
1,1,2-Trichloroethane	ND		50.0	53.42		ug/L		107	74 - 134
1,1-Dichloroethane	ND		50.0	56.26		ug/L		113	71 - 139
1,1-Dichloroethene	ND *		50.0	64.07		ug/L		128	70 - 142
1,1-Dichloropropene	ND		50.0	57.92		ug/L		116	76 - 139
1,2,3-Trichlorobenzene	ND		50.0	53.12		ug/L		106	55 - 138
1,2,3-Trichloropropane	ND		50.0	54.46		ug/L		109	53 - 144
1,2,4-Trichlorobenzene	ND		50.0	54.74		ug/L		109	60 - 136
1,2,4-Trimethylbenzene	ND		50.0	55.05		ug/L		110	69 - 136
1,2-Dibromo-3-Chloropropane	ND		50.0	57.26		ug/L		115	52 - 126
1,2-Dibromoethane (EDB)	ND		50.0	55.01		ug/L		110	75 - 137
1,2-Dichlorobenzene	ND		50.0	54.94		ug/L		110	79 - 128
1,2-Dichloroethane	ND		50.0	47.85		ug/L		96	64 - 136
1,2-Dichloropropane	ND		50.0	54.35		ug/L		109	67 - 131
1,3,5-Trimethylbenzene	ND		50.0	56.70		ug/L		113	69 - 139
1,3-Dichlorobenzene	ND		50.0	55.06		ug/L		110	77 - 131
1,3-Dichloropropane	ND		50.0	55.95		ug/L		112	72 - 134
1,4-Dichlorobenzene	ND		50.0	54.75		ug/L		110	78 - 126
2,2-Dichloropropane	ND		50.0	51.79		ug/L		104	37 - 175
2-Butanone (MEK)	ND		250	256.1		ug/L		102	50 - 138

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-8500-1 MS

Matrix: Water

Analysis Batch: 26944

Client Sample ID: MW-22

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chlorotoluene	ND		50.0	55.14		ug/L		110	67 - 138
2-Hexanone	ND		250	284.5		ug/L		114	50 - 150
4-Chlorotoluene	ND		50.0	56.17		ug/L		112	69 - 138
4-Methyl-2-pentanone (MIBK)	ND		250	279.5		ug/L		112	50 - 147
Acetone	ND		250	267.5		ug/L		107	45 - 141
Benzene	ND		50.0	57.30		ug/L		115	75 - 133
Bromobenzene	ND		50.0	54.06		ug/L		108	60 - 138
Bromochloromethane	ND		50.0	56.44		ug/L		113	67 - 139
Bromodichloromethane	ND		50.0	57.03		ug/L		114	70 - 140
Bromoform	ND		50.0	54.44		ug/L		109	42 - 147
Bromomethane	ND		50.0	54.79		ug/L		110	16 - 163
Carbon disulfide	ND		50.0	54.71		ug/L		109	48 - 152
Carbon tetrachloride	ND		50.0	56.62		ug/L		113	62 - 164
Chlorobenzene	ND		50.0	56.34		ug/L		113	80 - 129
Chlorodibromomethane	ND		50.0	55.59		ug/L		111	66 - 140
Chloroethane	ND		50.0	51.95		ug/L		104	58 - 137
Chloroform	ND		50.0	49.96		ug/L		100	66 - 138
Chloromethane	ND		50.0	49.03		ug/L		98	10 - 169
cis-1,2-Dichloroethene	ND		50.0	51.82		ug/L		104	68 - 138
cis-1,3-Dichloropropene	ND		50.0	56.45		ug/L		113	71 - 141
Dibromomethane	ND		50.0	52.27		ug/L		105	58 - 140
Dichlorodifluoromethane	ND		50.0	33.43		ug/L		67	40 - 127
Ethylbenzene	ND		50.0	56.24		ug/L		112	79 - 139
Hexachlorobutadiene	ND		50.0	45.57		ug/L		90	45 - 155
Isopropylbenzene	ND		50.0	56.36		ug/L		113	80 - 153
Methyl tert-butyl ether	ND		50.0	50.73		ug/L		101	66 - 141
Methylene Chloride	ND		50.0	58.39		ug/L		117	64 - 139
Naphthalene	ND		50.0	54.93		ug/L		110	55 - 140
n-Butylbenzene	ND		50.0	58.77		ug/L		118	66 - 141
N-Propylbenzene	ND		50.0	57.96		ug/L		116	69 - 142
p-Isopropyltoluene	ND		50.0	56.86		ug/L		114	71 - 137
sec-Butylbenzene	ND		50.0	57.90		ug/L		116	73 - 138
Styrene	ND		50.0	56.93		ug/L		114	61 - 148
tert-Butylbenzene	ND		50.0	57.09		ug/L		114	70 - 138
Tetrachloroethene	ND		50.0	56.23		ug/L		112	72 - 145
Toluene	ND		50.0	56.66		ug/L		113	75 - 136
trans-1,2-Dichloroethene	ND		50.0	57.97		ug/L		116	66 - 143
trans-1,3-Dichloropropene	ND		50.0	53.80		ug/L		108	59 - 135
Trichloroethene	ND		50.0	57.24		ug/L		114	73 - 144
Trichlorofluoromethane	ND		50.0	48.37		ug/L		97	58 - 139
Vinyl chloride	ND		50.0	50.53		ug/L		101	56 - 129
Xylenes, Total	ND		150	165.9		ug/L		111	74 - 141

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	89		70 - 130
4-Bromofluorobenzene (Surr)	97		70 - 130
Dibromofluoromethane (Surr)	98		70 - 130
Toluene-d8 (Surr)	101		70 - 130

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-8500-1 MSD

Matrix: Water

Analysis Batch: 26944

Client Sample ID: MW-22

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND		50.0	53.97		ug/L		108	73 - 141	1	16
1,1,1-Trichloroethane	ND		50.0	53.06		ug/L		106	76 - 149	1	17
1,1,2,2-Tetrachloroethane	ND		50.0	55.46		ug/L		111	56 - 143	1	20
1,1,2-Trichloroethane	ND		50.0	52.36		ug/L		105	74 - 134	2	15
1,1-Dichloroethane	ND		50.0	54.93		ug/L		110	71 - 139	2	17
1,1-Dichloroethene	ND		50.0	62.63		ug/L		125	70 - 142	2	17
1,1-Dichloropropene	ND		50.0	57.07		ug/L		114	76 - 139	1	17
1,2,3-Trichlorobenzene	ND		50.0	57.19		ug/L		114	55 - 138	7	25
1,2,3-Trichloropropane	ND		50.0	52.67		ug/L		105	53 - 144	3	19
1,2,4-Trichlorobenzene	ND		50.0	56.85		ug/L		114	60 - 136	4	19
1,2,4-Trimethylbenzene	ND		50.0	53.91		ug/L		108	69 - 136	2	16
1,2-Dibromo-3-Chloropropane	ND		50.0	57.53		ug/L		115	52 - 126	0	24
1,2-Dibromoethane (EDB)	ND		50.0	54.44		ug/L		109	75 - 137	1	15
1,2-Dichlorobenzene	ND		50.0	54.60		ug/L		109	79 - 128	1	15
1,2-Dichloroethane	ND		50.0	46.70		ug/L		93	64 - 136	2	17
1,2-Dichloropropane	ND		50.0	53.35		ug/L		107	67 - 131	2	17
1,3,5-Trimethylbenzene	ND		50.0	56.01		ug/L		112	69 - 139	1	17
1,3-Dichlorobenzene	ND		50.0	55.44		ug/L		111	77 - 131	1	15
1,3-Dichloropropane	ND		50.0	55.50		ug/L		111	72 - 134	1	14
1,4-Dichlorobenzene	ND		50.0	54.76		ug/L		110	78 - 126	0	15
2,2-Dichloropropane	ND		50.0	49.86		ug/L		100	37 - 175	4	18
2-Butanone (MEK)	ND		250	255.4		ug/L		102	50 - 138	0	19
2-Chlorotoluene	ND		50.0	54.95		ug/L		110	67 - 138	0	17
2-Hexanone	ND		250	286.0		ug/L		114	50 - 150	1	15
4-Chlorotoluene	ND		50.0	55.47		ug/L		111	69 - 138	1	18
4-Methyl-2-pentanone (MIBK)	ND		250	278.5		ug/L		111	50 - 147	0	17
Acetone	ND		250	266.0		ug/L		106	45 - 141	1	21
Benzene	ND		50.0	56.32		ug/L		113	75 - 133	2	17
Bromobenzene	ND		50.0	53.30		ug/L		107	60 - 138	1	20
Bromochloromethane	ND		50.0	54.86		ug/L		110	67 - 139	3	17
Bromodichloromethane	ND		50.0	56.02		ug/L		112	70 - 140	2	18
Bromoform	ND		50.0	54.00		ug/L		108	42 - 147	1	16
Bromomethane	ND		50.0	58.38		ug/L		117	16 - 163	6	50
Carbon disulfide	ND		50.0	53.59		ug/L		107	48 - 152	2	21
Carbon tetrachloride	ND		50.0	55.61		ug/L		111	62 - 164	2	19
Chlorobenzene	ND		50.0	55.46		ug/L		111	80 - 129	2	14
Chlorodibromomethane	ND		50.0	54.79		ug/L		110	66 - 140	1	15
Chloroethane	ND		50.0	50.50		ug/L		101	58 - 137	3	20
Chloroform	ND		50.0	53.28		ug/L		107	66 - 138	6	18
Chloromethane	ND		50.0	44.12		ug/L		88	10 - 169	11	31
cis-1,2-Dichloroethene	ND		50.0	50.65		ug/L		101	68 - 138	2	17
cis-1,3-Dichloropropene	ND		50.0	56.04		ug/L		112	71 - 141	1	15
Dibromomethane	ND		50.0	51.48		ug/L		103	58 - 140	2	16
Dichlorodifluoromethane	ND		50.0	32.04		ug/L		64	40 - 127	4	18
Ethylbenzene	ND		50.0	55.71		ug/L		111	79 - 139	1	15
Hexachlorobutadiene	ND		50.0	46.65		ug/L		92	45 - 155	2	23
Isopropylbenzene	ND		50.0	55.98		ug/L		112	80 - 153	1	16
Methyl tert-butyl ether	ND		50.0	49.36		ug/L		99	66 - 141	3	16
Methylene Chloride	ND		50.0	56.91		ug/L		114	64 - 139	3	17

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-8500-1 MSD

Matrix: Water

Analysis Batch: 26944

Client Sample ID: MW-22

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Naphthalene	ND		50.0	58.24		ug/L		116	55 - 140	6	26
n-Butylbenzene	ND		50.0	59.58		ug/L		119	66 - 141	1	18
N-Propylbenzene	ND		50.0	57.43		ug/L		115	69 - 142	1	17
p-Isopropyltoluene	ND		50.0	57.14		ug/L		114	71 - 137	0	16
sec-Butylbenzene	ND		50.0	58.45		ug/L		117	73 - 138	1	16
Styrene	ND		50.0	56.61		ug/L		113	61 - 148	1	24
tert-Butylbenzene	ND		50.0	56.61		ug/L		113	70 - 138	1	16
Tetrachloroethene	ND		50.0	56.11		ug/L		112	72 - 145	0	16
Toluene	ND		50.0	56.47		ug/L		113	75 - 136	0	15
trans-1,2-Dichloroethene	ND		50.0	57.15		ug/L		114	66 - 143	1	16
trans-1,3-Dichloropropene	ND		50.0	52.97		ug/L		106	59 - 135	2	14
Trichloroethene	ND		50.0	56.59		ug/L		113	73 - 144	1	17
Trichlorofluoromethane	ND		50.0	47.05		ug/L		94	58 - 139	3	18
Vinyl chloride	ND		50.0	49.35		ug/L		99	56 - 129	2	17
Xylenes, Total	ND		150	164.1		ug/L		109	74 - 141	1	15

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	88		70 - 130
4-Bromofluorobenzene (Surr)	99		70 - 130
Dibromofluoromethane (Surr)	98		70 - 130
Toluene-d8 (Surr)	101		70 - 130

Lab Sample ID: MB 490-27256/9

Matrix: Water

Analysis Batch: 27256

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.00		ug/L			10/11/12 13:01	1
1,1,1-Trichloroethane	ND		1.00		ug/L			10/11/12 13:01	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			10/11/12 13:01	1
1,1,2-Trichloroethane	ND		1.00		ug/L			10/11/12 13:01	1
1,1-Dichloroethane	ND		1.00		ug/L			10/11/12 13:01	1
1,1-Dichloroethene	ND		1.00		ug/L			10/11/12 13:01	1
1,1-Dichloropropene	ND		1.00		ug/L			10/11/12 13:01	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			10/11/12 13:01	1
1,2,3-Trichloropropane	ND		1.00		ug/L			10/11/12 13:01	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			10/11/12 13:01	1
1,2,4-Trimethylbenzene	ND		1.00		ug/L			10/11/12 13:01	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			10/11/12 13:01	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			10/11/12 13:01	1
1,2-Dichlorobenzene	ND		1.00		ug/L			10/11/12 13:01	1
1,2-Dichloroethane	ND		1.00		ug/L			10/11/12 13:01	1
1,2-Dichloropropane	ND		1.00		ug/L			10/11/12 13:01	1
1,3,5-Trimethylbenzene	ND		1.00		ug/L			10/11/12 13:01	1
1,3-Dichlorobenzene	ND		1.00		ug/L			10/11/12 13:01	1
1,3-Dichloropropane	ND		1.00		ug/L			10/11/12 13:01	1
1,4-Dichlorobenzene	ND		1.00		ug/L			10/11/12 13:01	1
2,2-Dichloropropane	ND		1.00		ug/L			10/11/12 13:01	1
2-Butanone (MEK)	ND		50.0		ug/L			10/11/12 13:01	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-27256/9

Matrix: Water

Analysis Batch: 27256

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	ND		1.00		ug/L			10/11/12 13:01	1
2-Hexanone	ND		10.0		ug/L			10/11/12 13:01	1
4-Chlorotoluene	ND		1.00		ug/L			10/11/12 13:01	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			10/11/12 13:01	1
Acetone	ND		50.0		ug/L			10/11/12 13:01	1
Benzene	ND		1.00		ug/L			10/11/12 13:01	1
Bromobenzene	ND		1.00		ug/L			10/11/12 13:01	1
Bromochloromethane	ND		1.00		ug/L			10/11/12 13:01	1
Bromodichloromethane	ND		1.00		ug/L			10/11/12 13:01	1
Bromoform	ND		1.00		ug/L			10/11/12 13:01	1
Bromomethane	ND		1.00		ug/L			10/11/12 13:01	1
Carbon disulfide	ND		1.00		ug/L			10/11/12 13:01	1
Carbon tetrachloride	ND		1.00		ug/L			10/11/12 13:01	1
Chlorobenzene	ND		1.00		ug/L			10/11/12 13:01	1
Chlorodibromomethane	ND		1.00		ug/L			10/11/12 13:01	1
Chloroethane	ND		1.00		ug/L			10/11/12 13:01	1
Chloroform	ND		1.00		ug/L			10/11/12 13:01	1
Chloromethane	ND		1.00		ug/L			10/11/12 13:01	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			10/11/12 13:01	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			10/11/12 13:01	1
Dibromomethane	ND		1.00		ug/L			10/11/12 13:01	1
Dichlorodifluoromethane	ND		1.00		ug/L			10/11/12 13:01	1
Ethylbenzene	ND		1.00		ug/L			10/11/12 13:01	1
Hexachlorobutadiene	ND		2.00		ug/L			10/11/12 13:01	1
Isopropylbenzene	ND		1.00		ug/L			10/11/12 13:01	1
Methyl tert-butyl ether	ND		1.00		ug/L			10/11/12 13:01	1
Methylene Chloride	ND		5.00		ug/L			10/11/12 13:01	1
Naphthalene	ND		5.00		ug/L			10/11/12 13:01	1
n-Butylbenzene	ND		1.00		ug/L			10/11/12 13:01	1
N-Propylbenzene	ND		1.00		ug/L			10/11/12 13:01	1
p-Isopropyltoluene	ND		1.00		ug/L			10/11/12 13:01	1
sec-Butylbenzene	ND		1.00		ug/L			10/11/12 13:01	1
Styrene	ND		1.00		ug/L			10/11/12 13:01	1
tert-Butylbenzene	ND		1.00		ug/L			10/11/12 13:01	1
Tetrachloroethene	ND		1.00		ug/L			10/11/12 13:01	1
Toluene	ND		1.00		ug/L			10/11/12 13:01	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			10/11/12 13:01	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			10/11/12 13:01	1
Trichloroethene	ND		1.00		ug/L			10/11/12 13:01	1
Trichlorofluoromethane	ND		1.00		ug/L			10/11/12 13:01	1
Vinyl chloride	ND		1.00		ug/L			10/11/12 13:01	1
Xylenes, Total	ND		3.00		ug/L			10/11/12 13:01	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		70 - 130		10/11/12 13:01	1
4-Bromofluorobenzene (Surr)	97		70 - 130		10/11/12 13:01	1
Dibromofluoromethane (Surr)	93		70 - 130		10/11/12 13:01	1
Toluene-d8 (Surr)	98		70 - 130		10/11/12 13:01	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-27256/3

Matrix: Water

Analysis Batch: 27256

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	51.43		ug/L		103	74 - 135
1,1,1-Trichloroethane	50.0	47.88		ug/L		96	78 - 135
1,1,2,2-Tetrachloroethane	50.0	52.46		ug/L		105	69 - 131
1,1,2-Trichloroethane	50.0	50.50		ug/L		101	80 - 124
1,1-Dichloroethane	50.0	52.85		ug/L		106	78 - 125
1,1-Dichloroethene	50.0	60.65		ug/L		121	79 - 124
1,1-Dichloropropene	50.0	52.00		ug/L		104	80 - 122
1,2,3-Trichlorobenzene	50.0	54.18		ug/L		108	62 - 133
1,2,3-Trichloropropane	50.0	52.04		ug/L		104	70 - 131
1,2,4-Trichlorobenzene	50.0	54.50		ug/L		109	63 - 133
1,2,4-Trimethylbenzene	50.0	52.07		ug/L		104	77 - 126
1,2-Dibromo-3-Chloropropane	50.0	53.86		ug/L		108	54 - 125
1,2-Dibromoethane (EDB)	50.0	51.27		ug/L		103	80 - 129
1,2-Dichlorobenzene	50.0	52.17		ug/L		104	80 - 121
1,2-Dichloroethane	50.0	44.80		ug/L		90	77 - 121
1,2-Dichloropropane	50.0	51.06		ug/L		102	75 - 120
1,3,5-Trimethylbenzene	50.0	52.92		ug/L		106	77 - 127
1,3-Dichlorobenzene	50.0	52.39		ug/L		105	80 - 122
1,3-Dichloropropane	50.0	52.86		ug/L		106	80 - 125
1,4-Dichlorobenzene	50.0	52.20		ug/L		104	80 - 120
2,2-Dichloropropane	50.0	49.89		ug/L		100	43 - 161
2-Butanone (MEK)	250	249.5		ug/L		100	62 - 133
2-Chlorotoluene	50.0	51.28		ug/L		103	75 - 126
2-Hexanone	250	263.4		ug/L		105	60 - 142
4-Chlorotoluene	50.0	52.29		ug/L		105	75 - 130
4-Methyl-2-pentanone (MIBK)	250	262.3		ug/L		105	60 - 137
Acetone	250	264.1		ug/L		106	54 - 145
Benzene	50.0	53.47		ug/L		107	80 - 121
Bromobenzene	50.0	51.20		ug/L		102	68 - 130
Bromochloromethane	50.0	52.45		ug/L		105	78 - 129
Bromodichloromethane	50.0	53.41		ug/L		107	75 - 129
Bromoform	50.0	52.22		ug/L		104	46 - 145
Bromomethane	50.0	61.34		ug/L		123	41 - 150
Carbon disulfide	50.0	51.57		ug/L		103	77 - 126
Carbon tetrachloride	50.0	50.79		ug/L		102	64 - 147
Chlorobenzene	50.0	52.68		ug/L		105	80 - 120
Chlorodibromomethane	50.0	52.37		ug/L		105	69 - 133
Chloroethane	50.0	46.57		ug/L		93	72 - 120
Chloroform	50.0	46.43		ug/L		93	73 - 129
Chloromethane	50.0	43.50		ug/L		87	12 - 150
cis-1,2-Dichloroethene	50.0	48.58		ug/L		97	76 - 125
cis-1,3-Dichloropropene	50.0	54.05		ug/L		108	74 - 140
Dibromomethane	50.0	49.35		ug/L		99	71 - 125
Dichlorodifluoromethane	50.0	35.89		ug/L		72	37 - 127
Ethylbenzene	50.0	52.05		ug/L		104	80 - 130
Hexachlorobutadiene	50.0	47.77		ug/L		96	49 - 146
Isopropylbenzene	50.0	52.40		ug/L		105	80 - 141
Methyl tert-butyl ether	50.0	47.20		ug/L		94	72 - 133
Methylene Chloride	50.0	56.00		ug/L		112	79 - 123

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-27256/3

Matrix: Water

Analysis Batch: 27256

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Naphthalene	50.0	55.31		ug/L		111	62 - 138
n-Butylbenzene	50.0	55.36		ug/L		111	68 - 132
N-Propylbenzene	50.0	53.48		ug/L		107	75 - 129
p-Isopropyltoluene	50.0	53.18		ug/L		106	75 - 128
sec-Butylbenzene	50.0	54.50		ug/L		109	76 - 128
Styrene	50.0	54.11		ug/L		108	80 - 127
tert-Butylbenzene	50.0	52.97		ug/L		106	76 - 126
Tetrachloroethene	50.0	51.61		ug/L		103	80 - 126
Toluene	50.0	53.04		ug/L		106	80 - 126
trans-1,2-Dichloroethene	50.0	54.03		ug/L		108	79 - 126
trans-1,3-Dichloropropene	50.0	51.18		ug/L		102	63 - 134
Trichloroethene	50.0	52.77		ug/L		106	80 - 123
Trichlorofluoromethane	50.0	42.71		ug/L		85	65 - 124
Vinyl chloride	50.0	46.84		ug/L		94	68 - 120
Xylenes, Total	150	154.9		ug/L		103	80 - 132

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	85		70 - 130
4-Bromofluorobenzene (Surr)	98		70 - 130
Dibromofluoromethane (Surr)	94		70 - 130
Toluene-d8 (Surr)	101		70 - 130

Lab Sample ID: LCSD 490-27256/4

Matrix: Water

Analysis Batch: 27256

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	50.0	51.63		ug/L		103	74 - 135	0	16
1,1,1-Trichloroethane	50.0	49.03		ug/L		98	78 - 135	2	17
1,1,2,2-Tetrachloroethane	50.0	52.31		ug/L		105	69 - 131	0	20
1,1,2-Trichloroethane	50.0	50.46		ug/L		101	80 - 124	0	15
1,1-Dichloroethane	50.0	52.50		ug/L		105	78 - 125	1	17
1,1-Dichloroethene	50.0	60.78		ug/L		122	79 - 124	0	17
1,1-Dichloropropene	50.0	52.25		ug/L		105	80 - 122	0	17
1,2,3-Trichlorobenzene	50.0	54.89		ug/L		110	62 - 133	1	25
1,2,3-Trichloropropane	50.0	52.42		ug/L		105	70 - 131	1	19
1,2,4-Trichlorobenzene	50.0	55.18		ug/L		110	63 - 133	1	19
1,2,4-Trimethylbenzene	50.0	52.02		ug/L		104	77 - 126	0	16
1,2-Dibromo-3-Chloropropane	50.0	53.64		ug/L		107	54 - 125	0	24
1,2-Dibromoethane (EDB)	50.0	52.60		ug/L		105	80 - 129	3	15
1,2-Dichlorobenzene	50.0	52.65		ug/L		105	80 - 121	1	15
1,2-Dichloroethane	50.0	44.84		ug/L		90	77 - 121	0	17
1,2-Dichloropropane	50.0	51.26		ug/L		103	75 - 120	0	17
1,3,5-Trimethylbenzene	50.0	52.88		ug/L		106	77 - 127	0	17
1,3-Dichlorobenzene	50.0	52.68		ug/L		105	80 - 122	1	15
1,3-Dichloropropane	50.0	52.67		ug/L		105	80 - 125	0	14
1,4-Dichlorobenzene	50.0	52.30		ug/L		105	80 - 120	0	15
2,2-Dichloropropane	50.0	49.33		ug/L		99	43 - 161	1	18
2-Butanone (MEK)	250	250.0		ug/L		100	62 - 133	0	19

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-27256/4

Matrix: Water

Analysis Batch: 27256

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Chlorotoluene	50.0	51.59		ug/L		103	75 - 126	1	17
2-Hexanone	250	273.8		ug/L		110	60 - 142	4	15
4-Chlorotoluene	50.0	52.60		ug/L		105	75 - 130	1	18
4-Methyl-2-pentanone (MIBK)	250	263.6		ug/L		105	60 - 137	1	17
Acetone	250	275.7		ug/L		110	54 - 145	4	21
Benzene	50.0	53.64		ug/L		107	80 - 121	0	17
Bromobenzene	50.0	51.23		ug/L		102	68 - 130	0	20
Bromochloromethane	50.0	51.61		ug/L		103	78 - 129	2	17
Bromodichloromethane	50.0	53.65		ug/L		107	75 - 129	0	18
Bromoform	50.0	52.00		ug/L		104	46 - 145	0	16
Bromomethane	50.0	61.21		ug/L		122	41 - 150	0	50
Carbon disulfide	50.0	51.90		ug/L		104	77 - 126	1	21
Carbon tetrachloride	50.0	50.95		ug/L		102	64 - 147	0	19
Chlorobenzene	50.0	52.36		ug/L		105	80 - 120	1	14
Chlorodibromomethane	50.0	52.97		ug/L		106	69 - 133	1	15
Chloroethane	50.0	47.22		ug/L		94	72 - 120	1	20
Chloroform	50.0	46.38		ug/L		93	73 - 129	0	18
Chloromethane	50.0	44.86		ug/L		90	12 - 150	3	31
cis-1,2-Dichloroethene	50.0	48.47		ug/L		97	76 - 125	0	17
cis-1,3-Dichloropropene	50.0	53.94		ug/L		108	74 - 140	0	15
Dibromomethane	50.0	49.18		ug/L		98	71 - 125	0	16
Dichlorodifluoromethane	50.0	35.36		ug/L		71	37 - 127	1	18
Ethylbenzene	50.0	52.22		ug/L		104	80 - 130	0	15
Hexachlorobutadiene	50.0	47.62		ug/L		95	49 - 146	0	23
Isopropylbenzene	50.0	52.15		ug/L		104	80 - 141	0	16
Methyl tert-butyl ether	50.0	47.58		ug/L		95	72 - 133	1	16
Methylene Chloride	50.0	55.93		ug/L		112	79 - 123	0	17
Naphthalene	50.0	55.87		ug/L		112	62 - 138	1	26
n-Butylbenzene	50.0	55.84		ug/L		112	68 - 132	1	18
N-Propylbenzene	50.0	53.82		ug/L		108	75 - 129	1	17
p-Isopropyltoluene	50.0	53.17		ug/L		106	75 - 128	0	16
sec-Butylbenzene	50.0	54.21		ug/L		108	76 - 128	1	16
Styrene	50.0	54.07		ug/L		108	80 - 127	0	24
tert-Butylbenzene	50.0	53.20		ug/L		106	76 - 126	0	16
Tetrachloroethene	50.0	51.85		ug/L		104	80 - 126	0	16
Toluene	50.0	52.87		ug/L		106	80 - 126	0	15
trans-1,2-Dichloroethene	50.0	54.26		ug/L		109	79 - 126	0	16
trans-1,3-Dichloropropene	50.0	51.62		ug/L		103	63 - 134	1	14
Trichloroethene	50.0	53.02		ug/L		106	80 - 123	0	17
Trichlorofluoromethane	50.0	42.11		ug/L		84	65 - 124	1	18
Vinyl chloride	50.0	46.84		ug/L		94	68 - 120	0	17
Xylenes, Total	150	154.3		ug/L		103	80 - 132	0	15

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	87		70 - 130
4-Bromofluorobenzene (Surr)	99		70 - 130
Dibromofluoromethane (Surr)	98		70 - 130
Toluene-d8 (Surr)	101		70 - 130

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-8500-13 MS

Client Sample ID: MW-20

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 27256

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	ND		50.0	54.94		ug/L		110	73 - 141
1,1,1-Trichloroethane	ND		50.0	53.76		ug/L		108	76 - 149
1,1,2,2-Tetrachloroethane	ND		50.0	54.44		ug/L		109	56 - 143
1,1,2-Trichloroethane	ND		50.0	53.11		ug/L		106	74 - 134
1,1-Dichloroethane	ND		50.0	55.72		ug/L		111	71 - 139
1,1-Dichloroethene	ND		50.0	64.83		ug/L		130	70 - 142
1,1-Dichloropropene	ND		50.0	58.37		ug/L		117	76 - 139
1,2,3-Trichlorobenzene	ND		50.0	53.23		ug/L		106	55 - 138
1,2,3-Trichloropropane	ND		50.0	53.34		ug/L		107	53 - 144
1,2,4-Trichlorobenzene	ND		50.0	55.12		ug/L		110	60 - 136
1,2,4-Trimethylbenzene	ND		50.0	53.92		ug/L		108	69 - 136
1,2-Dibromo-3-Chloropropane	ND		50.0	55.91		ug/L		112	52 - 126
1,2-Dibromoethane (EDB)	ND		50.0	54.75		ug/L		109	75 - 137
1,2-Dichlorobenzene	ND		50.0	53.64		ug/L		107	79 - 128
1,2-Dichloroethane	ND		50.0	46.50		ug/L		93	64 - 136
1,2-Dichloropropane	ND		50.0	53.64		ug/L		107	67 - 131
1,3,5-Trimethylbenzene	ND		50.0	56.17		ug/L		112	69 - 139
1,3-Dichlorobenzene	ND		50.0	54.61		ug/L		109	77 - 131
1,3-Dichloropropane	ND		50.0	55.50		ug/L		111	72 - 134
1,4-Dichlorobenzene	ND		50.0	54.23		ug/L		108	78 - 126
2,2-Dichloropropane	ND		50.0	53.95		ug/L		108	37 - 175
2-Butanone (MEK)	ND		250	250.2		ug/L		100	50 - 138
2-Chlorotoluene	ND		50.0	54.89		ug/L		110	67 - 138
2-Hexanone	ND		250	286.2		ug/L		114	50 - 150
4-Chlorotoluene	ND		50.0	55.38		ug/L		111	69 - 138
4-Methyl-2-pentanone (MIBK)	ND		250	280.8		ug/L		112	50 - 147
Acetone	ND		250	254.8		ug/L		102	45 - 141
Benzene	ND		50.0	56.97		ug/L		114	75 - 133
Bromobenzene	ND		50.0	53.09		ug/L		106	60 - 138
Bromochloromethane	ND		50.0	55.95		ug/L		112	67 - 139
Bromodichloromethane	ND		50.0	56.25		ug/L		113	70 - 140
Bromoform	ND		50.0	53.69		ug/L		107	42 - 147
Bromomethane	ND		50.0	57.85		ug/L		116	16 - 163
Carbon disulfide	ND		50.0	53.41		ug/L		107	48 - 152
Carbon tetrachloride	ND		50.0	56.98		ug/L		114	62 - 164
Chlorobenzene	ND		50.0	56.38		ug/L		113	80 - 129
Chlorodibromomethane	ND		50.0	54.98		ug/L		110	66 - 140
Chloroethane	ND		50.0	49.96		ug/L		100	58 - 137
Chloroform	ND		50.0	53.75		ug/L		108	66 - 138
Chloromethane	ND		50.0	48.66		ug/L		97	10 - 169
cis-1,2-Dichloroethene	ND		50.0	51.86		ug/L		104	68 - 138
cis-1,3-Dichloropropene	ND		50.0	57.02		ug/L		114	71 - 141
Dibromomethane	ND		50.0	51.27		ug/L		103	58 - 140
Dichlorodifluoromethane	ND		50.0	37.13		ug/L		74	40 - 127
Ethylbenzene	ND		50.0	56.50		ug/L		113	79 - 139
Hexachlorobutadiene	ND		50.0	51.47		ug/L		103	45 - 155
Isopropylbenzene	ND		50.0	56.25		ug/L		112	80 - 153
Methyl tert-butyl ether	ND		50.0	49.90		ug/L		100	66 - 141
Methylene Chloride	ND		50.0	57.69		ug/L		115	64 - 139

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-8500-13 MS

Matrix: Water

Analysis Batch: 27256

Client Sample ID: MW-20

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Naphthalene	ND		50.0	55.79		ug/L		112	55 - 140
n-Butylbenzene	ND		50.0	60.22		ug/L		120	66 - 141
N-Propylbenzene	ND		50.0	57.92		ug/L		116	69 - 142
p-Isopropyltoluene	ND		50.0	57.13		ug/L		114	71 - 137
sec-Butylbenzene	ND		50.0	58.57		ug/L		117	73 - 138
Styrene	ND		50.0	56.42		ug/L		113	61 - 148
tert-Butylbenzene	ND		50.0	57.03		ug/L		114	70 - 138
Tetrachloroethene	ND		50.0	56.33		ug/L		113	72 - 145
Toluene	ND		50.0	56.94		ug/L		114	75 - 136
trans-1,2-Dichloroethene	ND		50.0	58.14		ug/L		116	66 - 143
trans-1,3-Dichloropropene	ND		50.0	54.74		ug/L		109	59 - 135
Trichloroethene	ND		50.0	56.78		ug/L		114	73 - 144
Trichlorofluoromethane	ND		50.0	47.33		ug/L		95	58 - 139
Vinyl chloride	ND		50.0	50.87		ug/L		102	56 - 129
Xylenes, Total	ND		150	166.9		ug/L		111	74 - 141

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	86		70 - 130
4-Bromofluorobenzene (Surr)	98		70 - 130
Dibromofluoromethane (Surr)	97		70 - 130
Toluene-d8 (Surr)	101		70 - 130

Lab Sample ID: 490-8500-13 MSD

Matrix: Water

Analysis Batch: 27256

Client Sample ID: MW-20

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND		50.0	53.19		ug/L		106	73 - 141	3	16
1,1,1-Trichloroethane	ND		50.0	52.20		ug/L		104	76 - 149	3	17
1,1,2,2-Tetrachloroethane	ND		50.0	54.10		ug/L		108	56 - 143	1	20
1,1,2-Trichloroethane	ND		50.0	51.27		ug/L		103	74 - 134	4	15
1,1-Dichloroethane	ND		50.0	54.38		ug/L		109	71 - 139	2	17
1,1-Dichloroethene	ND		50.0	62.99		ug/L		126	70 - 142	3	17
1,1-Dichloropropene	ND		50.0	57.00		ug/L		114	76 - 139	2	17
1,2,3-Trichlorobenzene	ND		50.0	54.81		ug/L		110	55 - 138	3	25
1,2,3-Trichloropropane	ND		50.0	52.38		ug/L		105	53 - 144	2	19
1,2,4-Trichlorobenzene	ND		50.0	55.95		ug/L		112	60 - 136	2	19
1,2,4-Trimethylbenzene	ND		50.0	55.01		ug/L		110	69 - 136	2	16
1,2-Dibromo-3-Chloropropane	ND		50.0	55.50		ug/L		111	52 - 126	1	24
1,2-Dibromoethane (EDB)	ND		50.0	53.18		ug/L		106	75 - 137	3	15
1,2-Dichlorobenzene	ND		50.0	53.96		ug/L		108	79 - 128	1	15
1,2-Dichloroethane	ND		50.0	45.66		ug/L		91	64 - 136	2	17
1,2-Dichloropropane	ND		50.0	52.53		ug/L		105	67 - 131	2	17
1,3,5-Trimethylbenzene	ND		50.0	55.87		ug/L		112	69 - 139	1	17
1,3-Dichlorobenzene	ND		50.0	54.45		ug/L		109	77 - 131	0	15
1,3-Dichloropropane	ND		50.0	54.47		ug/L		109	72 - 134	2	14
1,4-Dichlorobenzene	ND		50.0	54.51		ug/L		109	78 - 126	1	15
2,2-Dichloropropane	ND		50.0	52.80		ug/L		106	37 - 175	2	18
2-Butanone (MEK)	ND		250	252.0		ug/L		101	50 - 138	1	19

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-8500-13 MSD

Matrix: Water

Analysis Batch: 27256

Client Sample ID: MW-20

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Chlorotoluene	ND		50.0	54.42		ug/L		109	67 - 138	1	17
2-Hexanone	ND		250	282.7		ug/L		113	50 - 150	1	15
4-Chlorotoluene	ND		50.0	54.93		ug/L		110	69 - 138	1	18
4-Methyl-2-pentanone (MIBK)	ND		250	274.6		ug/L		110	50 - 147	2	17
Acetone	ND		250	260.8		ug/L		104	45 - 141	2	21
Benzene	ND		50.0	55.99		ug/L		112	75 - 133	2	17
Bromobenzene	ND		50.0	52.17		ug/L		104	60 - 138	2	20
Bromochloromethane	ND		50.0	53.02		ug/L		106	67 - 139	5	17
Bromodichloromethane	ND		50.0	55.21		ug/L		110	70 - 140	2	18
Bromoform	ND		50.0	52.73		ug/L		105	42 - 147	2	16
Bromomethane	ND		50.0	58.83		ug/L		118	16 - 163	2	50
Carbon disulfide	ND		50.0	52.36		ug/L		105	48 - 152	2	21
Carbon tetrachloride	ND		50.0	55.70		ug/L		111	62 - 164	2	19
Chlorobenzene	ND		50.0	54.49		ug/L		109	80 - 129	3	14
Chlorodibromomethane	ND		50.0	53.73		ug/L		107	66 - 140	2	15
Chloroethane	ND		50.0	49.36		ug/L		99	58 - 137	1	20
Chloroform	ND		50.0	48.04		ug/L		96	66 - 138	11	18
Chloromethane	ND		50.0	47.28		ug/L		95	10 - 169	3	31
cis-1,2-Dichloroethene	ND		50.0	50.82		ug/L		102	68 - 138	2	17
cis-1,3-Dichloropropene	ND		50.0	56.02		ug/L		112	71 - 141	2	15
Dibromomethane	ND		50.0	50.61		ug/L		101	58 - 140	1	16
Dichlorodifluoromethane	ND		50.0	36.78		ug/L		74	40 - 127	1	18
Ethylbenzene	ND		50.0	55.18		ug/L		110	79 - 139	2	15
Hexachlorobutadiene	ND		50.0	51.16		ug/L		102	45 - 155	1	23
Isopropylbenzene	ND		50.0	55.33		ug/L		111	80 - 153	2	16
Methyl tert-butyl ether	ND		50.0	48.90		ug/L		98	66 - 141	2	16
Methylene Chloride	ND		50.0	56.36		ug/L		113	64 - 139	2	17
Naphthalene	ND		50.0	57.41		ug/L		115	55 - 140	3	26
n-Butylbenzene	ND		50.0	60.31		ug/L		121	66 - 141	0	18
N-Propylbenzene	ND		50.0	57.33		ug/L		115	69 - 142	1	17
p-Isopropyltoluene	ND		50.0	57.40		ug/L		115	71 - 137	0	16
sec-Butylbenzene	ND		50.0	59.05		ug/L		118	73 - 138	1	16
Styrene	ND		50.0	55.18		ug/L		110	61 - 148	2	24
tert-Butylbenzene	ND		50.0	57.09		ug/L		114	70 - 138	0	16
Tetrachloroethene	ND		50.0	54.88		ug/L		110	72 - 145	3	16
Toluene	ND		50.0	55.64		ug/L		111	75 - 136	2	15
trans-1,2-Dichloroethene	ND		50.0	56.50		ug/L		113	66 - 143	3	16
trans-1,3-Dichloropropene	ND		50.0	53.93		ug/L		108	59 - 135	1	14
Trichloroethene	ND		50.0	56.01		ug/L		112	73 - 144	1	17
Trichlorofluoromethane	ND		50.0	46.41		ug/L		93	58 - 139	2	18
Vinyl chloride	ND		50.0	49.84		ug/L		100	56 - 129	2	17
Xylenes, Total	ND		150	163.0		ug/L		109	74 - 141	2	15

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	85		70 - 130
4-Bromofluorobenzene (Surr)	98		70 - 130
Dibromofluoromethane (Surr)	97		70 - 130
Toluene-d8 (Surr)	100		70 - 130

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-27287/7

Matrix: Water

Analysis Batch: 27287

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.00		ug/L			10/11/12 12:50	1
1,1,1-Trichloroethane	ND		1.00		ug/L			10/11/12 12:50	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			10/11/12 12:50	1
1,1,2-Trichloroethane	ND		1.00		ug/L			10/11/12 12:50	1
1,1-Dichloroethane	ND		1.00		ug/L			10/11/12 12:50	1
1,1-Dichloroethene	ND		1.00		ug/L			10/11/12 12:50	1
1,1-Dichloropropene	ND		1.00		ug/L			10/11/12 12:50	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			10/11/12 12:50	1
1,2,3-Trichloropropane	ND		1.00		ug/L			10/11/12 12:50	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			10/11/12 12:50	1
1,2,4-Trimethylbenzene	ND		1.00		ug/L			10/11/12 12:50	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			10/11/12 12:50	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			10/11/12 12:50	1
1,2-Dichlorobenzene	ND		1.00		ug/L			10/11/12 12:50	1
1,2-Dichloroethane	ND		1.00		ug/L			10/11/12 12:50	1
1,2-Dichloropropane	ND		1.00		ug/L			10/11/12 12:50	1
1,3,5-Trimethylbenzene	ND		1.00		ug/L			10/11/12 12:50	1
1,3-Dichlorobenzene	ND		1.00		ug/L			10/11/12 12:50	1
1,3-Dichloropropane	ND		1.00		ug/L			10/11/12 12:50	1
1,4-Dichlorobenzene	ND		1.00		ug/L			10/11/12 12:50	1
2,2-Dichloropropane	ND		1.00		ug/L			10/11/12 12:50	1
2-Butanone (MEK)	ND		50.0		ug/L			10/11/12 12:50	1
2-Chlorotoluene	ND		1.00		ug/L			10/11/12 12:50	1
2-Hexanone	ND		10.0		ug/L			10/11/12 12:50	1
4-Chlorotoluene	ND		1.00		ug/L			10/11/12 12:50	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			10/11/12 12:50	1
Acetone	ND		50.0		ug/L			10/11/12 12:50	1
Benzene	ND		1.00		ug/L			10/11/12 12:50	1
Bromobenzene	ND		1.00		ug/L			10/11/12 12:50	1
Bromochloromethane	ND		1.00		ug/L			10/11/12 12:50	1
Bromodichloromethane	ND		1.00		ug/L			10/11/12 12:50	1
Bromoform	ND		1.00		ug/L			10/11/12 12:50	1
Bromomethane	ND		1.00		ug/L			10/11/12 12:50	1
Carbon disulfide	ND		1.00		ug/L			10/11/12 12:50	1
Carbon tetrachloride	ND		1.00		ug/L			10/11/12 12:50	1
Chlorobenzene	ND		1.00		ug/L			10/11/12 12:50	1
Chlorodibromomethane	ND		1.00		ug/L			10/11/12 12:50	1
Chloroethane	ND		1.00		ug/L			10/11/12 12:50	1
Chloroform	ND		1.00		ug/L			10/11/12 12:50	1
Chloromethane	ND		1.00		ug/L			10/11/12 12:50	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			10/11/12 12:50	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			10/11/12 12:50	1
Dibromomethane	ND		1.00		ug/L			10/11/12 12:50	1
Dichlorodifluoromethane	ND		1.00		ug/L			10/11/12 12:50	1
Ethylbenzene	ND		1.00		ug/L			10/11/12 12:50	1
Hexachlorobutadiene	ND		2.00		ug/L			10/11/12 12:50	1
Isopropylbenzene	ND		1.00		ug/L			10/11/12 12:50	1
Methyl tert-butyl ether	ND		1.00		ug/L			10/11/12 12:50	1
Methylene Chloride	ND		5.00		ug/L			10/11/12 12:50	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-27287/7

Matrix: Water

Analysis Batch: 27287

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		5.00		ug/L			10/11/12 12:50	1
n-Butylbenzene	ND		1.00		ug/L			10/11/12 12:50	1
N-Propylbenzene	ND		1.00		ug/L			10/11/12 12:50	1
p-Isopropyltoluene	ND		1.00		ug/L			10/11/12 12:50	1
sec-Butylbenzene	ND		1.00		ug/L			10/11/12 12:50	1
Styrene	ND		1.00		ug/L			10/11/12 12:50	1
tert-Butylbenzene	ND		1.00		ug/L			10/11/12 12:50	1
Tetrachloroethene	ND		1.00		ug/L			10/11/12 12:50	1
Toluene	ND		1.00		ug/L			10/11/12 12:50	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			10/11/12 12:50	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			10/11/12 12:50	1
Trichloroethene	ND		1.00		ug/L			10/11/12 12:50	1
Trichlorofluoromethane	ND		1.00		ug/L			10/11/12 12:50	1
Vinyl chloride	ND		1.00		ug/L			10/11/12 12:50	1
Xylenes, Total	ND		3.00		ug/L			10/11/12 12:50	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		70 - 130		10/11/12 12:50	1
4-Bromofluorobenzene (Surr)	103		70 - 130		10/11/12 12:50	1
Dibromofluoromethane (Surr)	103		70 - 130		10/11/12 12:50	1
Toluene-d8 (Surr)	96		70 - 130		10/11/12 12:50	1

Lab Sample ID: LCS 490-27287/3

Matrix: Water

Analysis Batch: 27287

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	53.10		ug/L		106	74 - 135
1,1,1,1-Trichloroethane	50.0	53.50		ug/L		107	78 - 135
1,1,1,2,2-Tetrachloroethane	50.0	51.86		ug/L		104	69 - 131
1,1,1,2-Trichloroethane	50.0	55.92		ug/L		112	80 - 124
1,1-Dichloroethane	50.0	53.63		ug/L		107	78 - 125
1,1-Dichloroethene	50.0	57.31		ug/L		115	79 - 124
1,1-Dichloropropene	50.0	50.76		ug/L		102	80 - 122
1,2,3-Trichlorobenzene	50.0	56.71		ug/L		113	62 - 133
1,2,3-Trichloropropane	50.0	51.06		ug/L		102	70 - 131
1,2,4-Trichlorobenzene	50.0	54.92		ug/L		110	63 - 133
1,2,4-Trimethylbenzene	50.0	52.35		ug/L		105	77 - 126
1,2-Dibromo-3-Chloropropane	50.0	53.88		ug/L		108	54 - 125
1,2-Dibromoethane (EDB)	50.0	51.36		ug/L		103	80 - 129
1,2-Dichlorobenzene	50.0	52.69		ug/L		105	80 - 121
1,2-Dichloroethane	50.0	51.99		ug/L		104	77 - 121
1,2-Dichloropropane	50.0	48.28		ug/L		97	75 - 120
1,3,5-Trimethylbenzene	50.0	53.11		ug/L		106	77 - 127
1,3-Dichlorobenzene	50.0	52.63		ug/L		105	80 - 122
1,3-Dichloropropane	50.0	51.53		ug/L		103	80 - 125
1,4-Dichlorobenzene	50.0	52.94		ug/L		106	80 - 120
2,2-Dichloropropane	50.0	52.88		ug/L		106	43 - 161
2-Butanone (MEK)	250	300.1		ug/L		120	62 - 133

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-27287/3

Matrix: Water

Analysis Batch: 27287

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chlorotoluene	50.0	52.34		ug/L		105	75 - 126
2-Hexanone	250	252.0		ug/L		101	60 - 142
4-Chlorotoluene	50.0	52.80		ug/L		106	75 - 130
4-Methyl-2-pentanone (MIBK)	250	295.6		ug/L		118	60 - 137
Acetone	250	304.6		ug/L		122	54 - 145
Benzene	50.0	51.80		ug/L		104	80 - 121
Bromobenzene	50.0	51.62		ug/L		103	68 - 130
Bromochloromethane	50.0	52.63		ug/L		105	78 - 129
Bromodichloromethane	50.0	55.20		ug/L		110	75 - 129
Bromoform	50.0	56.43		ug/L		113	46 - 145
Bromomethane	50.0	57.24		ug/L		114	41 - 150
Carbon disulfide	50.0	47.95		ug/L		96	77 - 126
Carbon tetrachloride	50.0	52.34		ug/L		105	64 - 147
Chlorobenzene	50.0	52.88		ug/L		106	80 - 120
Chlorodibromomethane	50.0	53.11		ug/L		106	69 - 133
Chloroethane	50.0	47.77		ug/L		96	72 - 120
Chloroform	50.0	52.52		ug/L		105	73 - 129
Chloromethane	50.0	42.69		ug/L		85	12 - 150
cis-1,2-Dichloroethene	50.0	50.54		ug/L		101	76 - 125
cis-1,3-Dichloropropene	50.0	52.45		ug/L		105	74 - 140
Dibromomethane	50.0	50.45		ug/L		101	71 - 125
Dichlorodifluoromethane	50.0	44.11		ug/L		88	37 - 127
Ethylbenzene	50.0	53.63		ug/L		107	80 - 130
Hexachlorobutadiene	50.0	50.10		ug/L		100	49 - 146
Isopropylbenzene	50.0	58.06		ug/L		116	80 - 141
Methyl tert-butyl ether	50.0	54.70		ug/L		109	72 - 133
Methylene Chloride	50.0	53.11		ug/L		106	79 - 123
Naphthalene	50.0	56.41		ug/L		113	62 - 138
n-Butylbenzene	50.0	54.56		ug/L		109	68 - 132
N-Propylbenzene	50.0	52.49		ug/L		105	75 - 129
p-Isopropyltoluene	50.0	53.43		ug/L		107	75 - 128
sec-Butylbenzene	50.0	54.64		ug/L		109	76 - 128
Styrene	50.0	58.68		ug/L		117	80 - 127
tert-Butylbenzene	50.0	53.30		ug/L		107	76 - 126
Tetrachloroethene	50.0	52.42		ug/L		105	80 - 126
Toluene	50.0	53.41		ug/L		107	80 - 126
trans-1,2-Dichloroethene	50.0	55.36		ug/L		111	79 - 126
trans-1,3-Dichloropropene	50.0	51.72		ug/L		103	63 - 134
Trichloroethene	50.0	51.24		ug/L		102	80 - 123
Trichlorofluoromethane	50.0	47.71		ug/L		95	65 - 124
Vinyl chloride	50.0	44.89		ug/L		90	68 - 120
Xylenes, Total	150	167.3		ug/L		112	80 - 132

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	98		70 - 130
4-Bromofluorobenzene (Surr)	99		70 - 130
Dibromofluoromethane (Surr)	101		70 - 130
Toluene-d8 (Surr)	102		70 - 130

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-27287/4

Matrix: Water

Analysis Batch: 27287

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	50.0	52.80		ug/L		106	74 - 135	1	16
1,1,1-Trichloroethane	50.0	53.06		ug/L		106	78 - 135	1	17
1,1,2,2-Tetrachloroethane	50.0	52.47		ug/L		105	69 - 131	1	20
1,1,2-Trichloroethane	50.0	55.51		ug/L		111	80 - 124	1	15
1,1-Dichloroethane	50.0	53.13		ug/L		106	78 - 125	1	17
1,1-Dichloroethene	50.0	57.87		ug/L		116	79 - 124	1	17
1,1-Dichloropropene	50.0	50.78		ug/L		102	80 - 122	0	17
1,2,3-Trichlorobenzene	50.0	57.12		ug/L		114	62 - 133	1	25
1,2,3-Trichloropropane	50.0	52.47		ug/L		105	70 - 131	3	19
1,2,4-Trichlorobenzene	50.0	55.95		ug/L		112	63 - 133	2	19
1,2,4-Trimethylbenzene	50.0	53.30		ug/L		107	77 - 126	2	16
1,2-Dibromo-3-Chloropropane	50.0	54.50		ug/L		109	54 - 125	1	24
1,2-Dibromoethane (EDB)	50.0	51.56		ug/L		103	80 - 129	0	15
1,2-Dichlorobenzene	50.0	53.64		ug/L		107	80 - 121	2	15
1,2-Dichloroethane	50.0	51.44		ug/L		103	77 - 121	1	17
1,2-Dichloropropane	50.0	48.74		ug/L		97	75 - 120	1	17
1,3,5-Trimethylbenzene	50.0	54.46		ug/L		109	77 - 127	3	17
1,3-Dichlorobenzene	50.0	53.46		ug/L		107	80 - 122	2	15
1,3-Dichloropropane	50.0	51.47		ug/L		103	80 - 125	0	14
1,4-Dichlorobenzene	50.0	53.39		ug/L		107	80 - 120	1	15
2,2-Dichloropropane	50.0	52.53		ug/L		105	43 - 161	1	18
2-Butanone (MEK)	250	293.6		ug/L		117	62 - 133	2	19
2-Chlorotoluene	50.0	53.14		ug/L		106	75 - 126	2	17
2-Hexanone	250	271.4		ug/L		109	60 - 142	7	15
4-Chlorotoluene	50.0	53.76		ug/L		108	75 - 130	2	18
4-Methyl-2-pentanone (MIBK)	250	294.8		ug/L		118	60 - 137	0	17
Acetone	250	294.9		ug/L		118	54 - 145	3	21
Benzene	50.0	52.00		ug/L		104	80 - 121	0	17
Bromobenzene	50.0	52.76		ug/L		106	68 - 130	2	20
Bromochloromethane	50.0	52.90		ug/L		106	78 - 129	1	17
Bromodichloromethane	50.0	55.60		ug/L		111	75 - 129	1	18
Bromoform	50.0	56.18		ug/L		112	46 - 145	0	16
Bromomethane	50.0	58.31		ug/L		117	41 - 150	2	50
Carbon disulfide	50.0	48.23		ug/L		96	77 - 126	1	21
Carbon tetrachloride	50.0	52.09		ug/L		104	64 - 147	0	19
Chlorobenzene	50.0	52.95		ug/L		106	80 - 120	0	14
Chlorodibromomethane	50.0	52.74		ug/L		105	69 - 133	1	15
Chloroethane	50.0	47.61		ug/L		95	72 - 120	0	20
Chloroform	50.0	52.08		ug/L		104	73 - 129	1	18
Chloromethane	50.0	42.55		ug/L		85	12 - 150	0	31
cis-1,2-Dichloroethene	50.0	49.96		ug/L		100	76 - 125	1	17
cis-1,3-Dichloropropene	50.0	52.61		ug/L		105	74 - 140	0	15
Dibromomethane	50.0	50.20		ug/L		100	71 - 125	0	16
Dichlorodifluoromethane	50.0	42.54		ug/L		85	37 - 127	4	18
Ethylbenzene	50.0	53.83		ug/L		108	80 - 130	0	15
Hexachlorobutadiene	50.0	50.24		ug/L		100	49 - 146	0	23
Isopropylbenzene	50.0	58.23		ug/L		116	80 - 141	0	16
Methyl tert-butyl ether	50.0	54.23		ug/L		108	72 - 133	1	16
Methylene Chloride	50.0	53.38		ug/L		107	79 - 123	1	17

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-27287/4

Matrix: Water

Analysis Batch: 27287

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Naphthalene	50.0	56.71		ug/L		113	62 - 138	1	26
n-Butylbenzene	50.0	55.58		ug/L		111	68 - 132	2	18
N-Propylbenzene	50.0	53.32		ug/L		107	75 - 129	2	17
p-Isopropyltoluene	50.0	53.88		ug/L		108	75 - 128	1	16
sec-Butylbenzene	50.0	55.28		ug/L		111	76 - 128	1	16
Styrene	50.0	58.13		ug/L		116	80 - 127	1	24
tert-Butylbenzene	50.0	53.42		ug/L		107	76 - 126	0	16
Tetrachloroethene	50.0	52.21		ug/L		104	80 - 126	0	16
Toluene	50.0	54.00		ug/L		108	80 - 126	1	15
trans-1,2-Dichloroethene	50.0	55.88		ug/L		112	79 - 126	1	16
trans-1,3-Dichloropropene	50.0	51.12		ug/L		102	63 - 134	1	14
Trichloroethene	50.0	51.77		ug/L		104	80 - 123	1	17
Trichlorofluoromethane	50.0	47.39		ug/L		95	65 - 124	1	18
Vinyl chloride	50.0	44.18		ug/L		88	68 - 120	2	17
Xylenes, Total	150	167.6		ug/L		112	80 - 132	0	15

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 130
4-Bromofluorobenzene (Surr)	99		70 - 130
Dibromofluoromethane (Surr)	101		70 - 130
Toluene-d8 (Surr)	101		70 - 130

Lab Sample ID: 490-8500-12 MS

Matrix: Water

Analysis Batch: 27287

Client Sample ID: MW-23

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	ND		50.0	51.74		ug/L		103	73 - 141
1,1,1-Trichloroethane	ND		50.0	54.83		ug/L		110	76 - 149
1,1,2,2-Tetrachloroethane	ND		50.0	52.55		ug/L		105	56 - 143
1,1,2-Trichloroethane	ND		50.0	52.65		ug/L		105	74 - 134
1,1-Dichloroethane	ND		50.0	54.09		ug/L		108	71 - 139
1,1-Dichloroethene	ND		50.0	61.73		ug/L		123	70 - 142
1,1-Dichloropropene	ND		50.0	53.94		ug/L		108	76 - 139
1,2,3-Trichlorobenzene	ND		50.0	55.11		ug/L		110	55 - 138
1,2,3-Trichloropropane	ND		50.0	50.97		ug/L		102	53 - 144
1,2,4-Trichlorobenzene	ND		50.0	55.87		ug/L		112	60 - 136
1,2,4-Trimethylbenzene	ND		50.0	57.67		ug/L		115	69 - 136
1,2-Dibromo-3-Chloropropane	ND		50.0	52.32		ug/L		105	52 - 126
1,2-Dibromoethane (EDB)	ND		50.0	50.63		ug/L		101	75 - 137
1,2-Dichlorobenzene	ND		50.0	53.68		ug/L		107	79 - 128
1,2-Dichloroethane	ND		50.0	48.69		ug/L		97	64 - 136
1,2-Dichloropropane	ND		50.0	49.43		ug/L		99	67 - 131
1,3,5-Trimethylbenzene	ND		50.0	57.33		ug/L		115	69 - 139
1,3-Dichlorobenzene	ND		50.0	55.27		ug/L		111	77 - 131
1,3-Dichloropropane	ND		50.0	49.02		ug/L		98	72 - 134
1,4-Dichlorobenzene	ND		50.0	54.40		ug/L		109	78 - 126
2,2-Dichloropropane	ND		50.0	54.64		ug/L		109	37 - 175
2-Butanone (MEK)	ND		250	271.2		ug/L		108	50 - 138

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-8500-12 MS

Matrix: Water

Analysis Batch: 27287

Client Sample ID: MW-23

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chlorotoluene	ND		50.0	57.27		ug/L		115	67 - 138
2-Hexanone	ND		250	244.1		ug/L		98	50 - 150
4-Chlorotoluene	ND		50.0	57.08		ug/L		114	69 - 138
4-Methyl-2-pentanone (MIBK)	ND		250	265.2		ug/L		106	50 - 147
Acetone	ND		250	267.9		ug/L		107	45 - 141
Benzene	ND		50.0	53.50		ug/L		107	75 - 133
Bromobenzene	ND		50.0	54.47		ug/L		109	60 - 138
Bromochloromethane	ND		50.0	52.13		ug/L		104	67 - 139
Bromodichloromethane	ND		50.0	54.64		ug/L		109	70 - 140
Bromoform	ND		50.0	50.67		ug/L		101	42 - 147
Bromomethane	ND		50.0	61.93		ug/L		124	16 - 163
Carbon disulfide	ND		50.0	49.44		ug/L		99	48 - 152
Carbon tetrachloride	ND		50.0	54.34		ug/L		109	62 - 164
Chlorobenzene	ND		50.0	53.68		ug/L		107	80 - 129
Chlorodibromomethane	ND		50.0	50.49		ug/L		101	66 - 140
Chloroethane	ND		50.0	49.70		ug/L		99	58 - 137
Chloroform	ND		50.0	52.53		ug/L		105	66 - 138
Chloromethane	ND		50.0	43.22		ug/L		86	10 - 169
cis-1,2-Dichloroethene	ND		50.0	50.48		ug/L		101	68 - 138
cis-1,3-Dichloropropene	ND		50.0	50.95		ug/L		102	71 - 141
Dibromomethane	ND		50.0	48.77		ug/L		98	58 - 140
Dichlorodifluoromethane	ND		50.0	41.23		ug/L		82	40 - 127
Ethylbenzene	ND		50.0	56.46		ug/L		113	79 - 139
Hexachlorobutadiene	ND		50.0	49.91		ug/L		100	45 - 155
Isopropylbenzene	ND		50.0	59.27		ug/L		119	80 - 153
Methyl tert-butyl ether	ND		50.0	51.69		ug/L		103	66 - 141
Methylene Chloride	ND		50.0	54.04		ug/L		108	64 - 139
Naphthalene	ND		50.0	56.59		ug/L		113	55 - 140
n-Butylbenzene	ND		50.0	60.47		ug/L		121	66 - 141
N-Propylbenzene	ND		50.0	58.37		ug/L		117	69 - 142
p-Isopropyltoluene	ND		50.0	57.93		ug/L		116	71 - 137
sec-Butylbenzene	ND		50.0	60.41		ug/L		121	73 - 138
Styrene	ND		50.0	56.61		ug/L		113	61 - 148
tert-Butylbenzene	ND		50.0	58.00		ug/L		116	70 - 138
Tetrachloroethene	ND		50.0	52.24		ug/L		104	72 - 145
Toluene	ND		50.0	53.33		ug/L		107	75 - 136
trans-1,2-Dichloroethene	ND		50.0	56.70		ug/L		113	66 - 143
trans-1,3-Dichloropropene	ND		50.0	48.68		ug/L		97	59 - 135
Trichloroethene	ND		50.0	52.66		ug/L		105	73 - 144
Trichlorofluoromethane	ND		50.0	50.39		ug/L		101	58 - 139
Vinyl chloride	ND		50.0	47.98		ug/L		96	56 - 129
Xylenes, Total	ND		150	170.9		ug/L		114	74 - 141

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	91		70 - 130
4-Bromofluorobenzene (Surr)	103		70 - 130
Dibromofluoromethane (Surr)	98		70 - 130
Toluene-d8 (Surr)	97		70 - 130

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-8500-12 MSD

Matrix: Water

Analysis Batch: 27287

Client Sample ID: MW-23

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND		50.0	52.19		ug/L		104	73 - 141	1	16
1,1,1-Trichloroethane	ND		50.0	55.41		ug/L		111	76 - 149	1	17
1,1,2,2-Tetrachloroethane	ND		50.0	53.98		ug/L		108	56 - 143	3	20
1,1,2-Trichloroethane	ND		50.0	53.32		ug/L		107	74 - 134	1	15
1,1-Dichloroethane	ND		50.0	54.90		ug/L		110	71 - 139	1	17
1,1-Dichloroethene	ND		50.0	62.43		ug/L		125	70 - 142	1	17
1,1-Dichloropropene	ND		50.0	54.26		ug/L		109	76 - 139	1	17
1,2,3-Trichlorobenzene	ND		50.0	56.64		ug/L		113	55 - 138	3	25
1,2,3-Trichloropropane	ND		50.0	51.43		ug/L		103	53 - 144	1	19
1,2,4-Trichlorobenzene	ND		50.0	57.41		ug/L		115	60 - 136	3	19
1,2,4-Trimethylbenzene	ND		50.0	57.12		ug/L		114	69 - 136	1	16
1,2-Dibromo-3-Chloropropane	ND		50.0	53.23		ug/L		106	52 - 126	2	24
1,2-Dibromoethane (EDB)	ND		50.0	51.18		ug/L		102	75 - 137	1	15
1,2-Dichlorobenzene	ND		50.0	54.24		ug/L		108	79 - 128	1	15
1,2-Dichloroethane	ND		50.0	49.14		ug/L		98	64 - 136	1	17
1,2-Dichloropropane	ND		50.0	49.73		ug/L		99	67 - 131	1	17
1,3,5-Trimethylbenzene	ND		50.0	57.39		ug/L		115	69 - 139	0	17
1,3-Dichlorobenzene	ND		50.0	55.54		ug/L		111	77 - 131	0	15
1,3-Dichloropropane	ND		50.0	49.89		ug/L		100	72 - 134	2	14
1,4-Dichlorobenzene	ND		50.0	54.86		ug/L		110	78 - 126	1	15
2,2-Dichloropropane	ND		50.0	54.60		ug/L		109	37 - 175	0	18
2-Butanone (MEK)	ND		250	274.7		ug/L		110	50 - 138	1	19
2-Chlorotoluene	ND		50.0	57.72		ug/L		115	67 - 138	1	17
2-Hexanone	ND		250	249.8		ug/L		100	50 - 150	2	15
4-Chlorotoluene	ND		50.0	56.62		ug/L		113	69 - 138	1	18
4-Methyl-2-pentanone (MIBK)	ND		250	269.5		ug/L		108	50 - 147	2	17
Acetone	ND		250	263.3		ug/L		105	45 - 141	2	21
Benzene	ND		50.0	54.04		ug/L		108	75 - 133	1	17
Bromobenzene	ND		50.0	55.75		ug/L		112	60 - 138	2	20
Bromochloromethane	ND		50.0	51.95		ug/L		104	67 - 139	0	17
Bromodichloromethane	ND		50.0	55.22		ug/L		110	70 - 140	1	18
Bromoform	ND		50.0	51.30		ug/L		103	42 - 147	1	16
Bromomethane	ND		50.0	56.71		ug/L		113	16 - 163	9	50
Carbon disulfide	ND		50.0	50.27		ug/L		101	48 - 152	2	21
Carbon tetrachloride	ND		50.0	54.25		ug/L		109	62 - 164	0	19
Chlorobenzene	ND		50.0	54.22		ug/L		108	80 - 129	1	14
Chlorodibromomethane	ND		50.0	51.72		ug/L		103	66 - 140	2	15
Chloroethane	ND		50.0	49.53		ug/L		99	58 - 137	0	20
Chloroform	ND		50.0	53.14		ug/L		106	66 - 138	1	18
Chloromethane	ND		50.0	40.74		ug/L		81	10 - 169	6	31
cis-1,2-Dichloroethene	ND		50.0	50.46		ug/L		101	68 - 138	0	17
cis-1,3-Dichloropropene	ND		50.0	51.47		ug/L		103	71 - 141	1	15
Dibromomethane	ND		50.0	49.54		ug/L		99	58 - 140	2	16
Dichlorodifluoromethane	ND		50.0	41.75		ug/L		84	40 - 127	1	18
Ethylbenzene	ND		50.0	56.69		ug/L		113	79 - 139	0	15
Hexachlorobutadiene	ND		50.0	53.26		ug/L		107	45 - 155	6	23
Isopropylbenzene	ND		50.0	60.04		ug/L		120	80 - 153	1	16
Methyl tert-butyl ether	ND		50.0	52.78		ug/L		106	66 - 141	2	16
Methylene Chloride	ND		50.0	53.80		ug/L		108	64 - 139	0	17

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-8500-12 MSD

Matrix: Water

Analysis Batch: 27287

Client Sample ID: MW-23

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Naphthalene	ND		50.0	57.94		ug/L		116	55 - 140	2	26
n-Butylbenzene	ND		50.0	60.86		ug/L		122	66 - 141	1	18
N-Propylbenzene	ND		50.0	58.69		ug/L		117	69 - 142	1	17
p-Isopropyltoluene	ND		50.0	57.93		ug/L		116	71 - 137	0	16
sec-Butylbenzene	ND		50.0	60.49		ug/L		121	73 - 138	0	16
Styrene	ND		50.0	57.01		ug/L		114	61 - 148	1	24
tert-Butylbenzene	ND		50.0	58.03		ug/L		116	70 - 138	0	16
Tetrachloroethene	ND		50.0	52.89		ug/L		106	72 - 145	1	16
Toluene	ND		50.0	53.77		ug/L		108	75 - 136	1	15
trans-1,2-Dichloroethene	ND		50.0	57.31		ug/L		115	66 - 143	1	16
trans-1,3-Dichloropropene	ND		50.0	49.29		ug/L		99	59 - 135	1	14
Trichloroethene	ND		50.0	52.38		ug/L		105	73 - 144	1	17
Trichlorofluoromethane	ND		50.0	50.90		ug/L		102	58 - 139	1	18
Vinyl chloride	ND		50.0	48.79		ug/L		98	56 - 129	2	17
Xylenes, Total	ND		150	172.1		ug/L		115	74 - 141	1	15

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	92		70 - 130
4-Bromofluorobenzene (Surr)	104		70 - 130
Dibromofluoromethane (Surr)	97		70 - 130
Toluene-d8 (Surr)	97		70 - 130

Lab Sample ID: MB 490-27523/7

Matrix: Water

Analysis Batch: 27523

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.00		ug/L			10/12/12 00:18	1
1,1,1-Trichloroethane	ND		1.00		ug/L			10/12/12 00:18	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			10/12/12 00:18	1
1,1,2-Trichloroethane	ND		1.00		ug/L			10/12/12 00:18	1
1,1-Dichloroethane	ND		1.00		ug/L			10/12/12 00:18	1
1,1-Dichloroethene	ND		1.00		ug/L			10/12/12 00:18	1
1,1-Dichloropropene	ND		1.00		ug/L			10/12/12 00:18	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			10/12/12 00:18	1
1,2,3-Trichloropropane	ND		1.00		ug/L			10/12/12 00:18	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			10/12/12 00:18	1
1,2,4-Trimethylbenzene	ND		1.00		ug/L			10/12/12 00:18	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			10/12/12 00:18	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			10/12/12 00:18	1
1,2-Dichlorobenzene	ND		1.00		ug/L			10/12/12 00:18	1
1,2-Dichloroethane	ND		1.00		ug/L			10/12/12 00:18	1
1,2-Dichloropropane	ND		1.00		ug/L			10/12/12 00:18	1
1,3,5-Trimethylbenzene	ND		1.00		ug/L			10/12/12 00:18	1
1,3-Dichlorobenzene	ND		1.00		ug/L			10/12/12 00:18	1
1,3-Dichloropropane	ND		1.00		ug/L			10/12/12 00:18	1
1,4-Dichlorobenzene	ND		1.00		ug/L			10/12/12 00:18	1
2,2-Dichloropropane	ND		1.00		ug/L			10/12/12 00:18	1
2-Butanone (MEK)	ND		50.0		ug/L			10/12/12 00:18	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-27523/7

Matrix: Water

Analysis Batch: 27523

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	Result	MB MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	ND		1.00		ug/L			10/12/12 00:18	1
2-Hexanone	ND		10.0		ug/L			10/12/12 00:18	1
4-Chlorotoluene	ND		1.00		ug/L			10/12/12 00:18	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			10/12/12 00:18	1
Acetone	ND		50.0		ug/L			10/12/12 00:18	1
Benzene	ND		1.00		ug/L			10/12/12 00:18	1
Bromobenzene	ND		1.00		ug/L			10/12/12 00:18	1
Bromochloromethane	ND		1.00		ug/L			10/12/12 00:18	1
Bromodichloromethane	ND		1.00		ug/L			10/12/12 00:18	1
Bromoform	ND		1.00		ug/L			10/12/12 00:18	1
Bromomethane	ND		1.00		ug/L			10/12/12 00:18	1
Carbon disulfide	ND		1.00		ug/L			10/12/12 00:18	1
Carbon tetrachloride	ND		1.00		ug/L			10/12/12 00:18	1
Chlorobenzene	ND		1.00		ug/L			10/12/12 00:18	1
Chlorodibromomethane	ND		1.00		ug/L			10/12/12 00:18	1
Chloroethane	ND		1.00		ug/L			10/12/12 00:18	1
Chloroform	ND		1.00		ug/L			10/12/12 00:18	1
Chloromethane	ND		1.00		ug/L			10/12/12 00:18	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			10/12/12 00:18	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			10/12/12 00:18	1
Dibromomethane	ND		1.00		ug/L			10/12/12 00:18	1
Dichlorodifluoromethane	ND		1.00		ug/L			10/12/12 00:18	1
Ethylbenzene	ND		1.00		ug/L			10/12/12 00:18	1
Hexachlorobutadiene	ND		2.00		ug/L			10/12/12 00:18	1
Isopropylbenzene	ND		1.00		ug/L			10/12/12 00:18	1
Methyl tert-butyl ether	ND		1.00		ug/L			10/12/12 00:18	1
Methylene Chloride	ND		5.00		ug/L			10/12/12 00:18	1
Naphthalene	ND		5.00		ug/L			10/12/12 00:18	1
n-Butylbenzene	ND		1.00		ug/L			10/12/12 00:18	1
N-Propylbenzene	ND		1.00		ug/L			10/12/12 00:18	1
p-Isopropyltoluene	ND		1.00		ug/L			10/12/12 00:18	1
sec-Butylbenzene	ND		1.00		ug/L			10/12/12 00:18	1
Styrene	ND		1.00		ug/L			10/12/12 00:18	1
tert-Butylbenzene	ND		1.00		ug/L			10/12/12 00:18	1
Tetrachloroethene	ND		1.00		ug/L			10/12/12 00:18	1
Toluene	ND		1.00		ug/L			10/12/12 00:18	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			10/12/12 00:18	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			10/12/12 00:18	1
Trichloroethene	ND		1.00		ug/L			10/12/12 00:18	1
Trichlorofluoromethane	ND		1.00		ug/L			10/12/12 00:18	1
Vinyl chloride	ND		1.00		ug/L			10/12/12 00:18	1
Xylenes, Total	ND		3.00		ug/L			10/12/12 00:18	1

Surrogate	MB MB %Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		70 - 130		10/12/12 00:18	1
4-Bromofluorobenzene (Surr)	97		70 - 130		10/12/12 00:18	1
Dibromofluoromethane (Surr)	91		70 - 130		10/12/12 00:18	1
Toluene-d8 (Surr)	99		70 - 130		10/12/12 00:18	1

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-27523/23			Client Sample ID: Lab Control Sample					
Matrix: Water			Prep Type: Total/NA					
Analysis Batch: 27523								
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	
1,1,1,2-Tetrachloroethane	50.0	49.32		ug/L		99	74 - 135	
1,1,1-Trichloroethane	50.0	45.98		ug/L		92	78 - 135	
1,1,2,2-Tetrachloroethane	50.0	50.72		ug/L		101	69 - 131	
1,1,2-Trichloroethane	50.0	47.86		ug/L		96	80 - 124	
1,1-Dichloroethane	50.0	45.79		ug/L		92	78 - 125	
1,1-Dichloroethene	50.0	54.31		ug/L		109	79 - 124	
1,1-Dichloropropene	50.0	50.17		ug/L		100	80 - 122	
1,2,3-Trichlorobenzene	50.0	45.70		ug/L		91	62 - 133	
1,2,3-Trichloropropane	50.0	48.53		ug/L		97	70 - 131	
1,2,4-Trichlorobenzene	50.0	48.01		ug/L		96	63 - 133	
1,2,4-Trimethylbenzene	50.0	49.27		ug/L		99	77 - 126	
1,2-Dibromo-3-Chloropropane	50.0	50.09		ug/L		100	54 - 125	
1,2-Dibromoethane (EDB)	50.0	49.46		ug/L		99	80 - 129	
1,2-Dichlorobenzene	50.0	49.16		ug/L		98	80 - 121	
1,2-Dichloroethane	50.0	43.21		ug/L		86	77 - 121	
1,2-Dichloropropane	50.0	48.95		ug/L		98	75 - 120	
1,3,5-Trimethylbenzene	50.0	50.93		ug/L		102	77 - 127	
1,3-Dichlorobenzene	50.0	49.85		ug/L		100	80 - 122	
1,3-Dichloropropane	50.0	50.44		ug/L		101	80 - 125	
1,4-Dichlorobenzene	50.0	49.16		ug/L		98	80 - 120	
2,2-Dichloropropane	50.0	51.92		ug/L		104	43 - 161	
2-Butanone (MEK)	250	232.6		ug/L		93	62 - 133	
2-Chlorotoluene	50.0	49.88		ug/L		100	75 - 126	
2-Hexanone	250	255.8		ug/L		102	60 - 142	
4-Chlorotoluene	50.0	51.57		ug/L		103	75 - 130	
4-Methyl-2-pentanone (MIBK)	250	248.5		ug/L		99	60 - 137	
Acetone	250	225.5		ug/L		90	54 - 145	
Benzene	50.0	51.48		ug/L		103	80 - 121	
Bromobenzene	50.0	48.89		ug/L		98	68 - 130	
Bromochloromethane	50.0	51.27		ug/L		103	78 - 129	
Bromodichloromethane	50.0	51.36		ug/L		103	75 - 129	
Bromoform	50.0	48.96		ug/L		98	46 - 145	
Bromomethane	50.0	57.95		ug/L		116	41 - 150	
Carbon disulfide	50.0	44.61		ug/L		89	77 - 126	
Carbon tetrachloride	50.0	48.49		ug/L		97	64 - 147	
Chlorobenzene	50.0	50.63		ug/L		101	80 - 120	
Chlorodibromomethane	50.0	49.95		ug/L		100	69 - 133	
Chloroethane	50.0	45.58		ug/L		91	72 - 120	
Chloroform	50.0	45.61		ug/L		91	73 - 129	
Chloromethane	50.0	41.67		ug/L		83	12 - 150	
cis-1,2-Dichloroethene	50.0	48.54		ug/L		97	76 - 125	
cis-1,3-Dichloropropene	50.0	51.49		ug/L		103	74 - 140	
Dibromomethane	50.0	46.83		ug/L		94	71 - 125	
Dichlorodifluoromethane	50.0	32.99		ug/L		66	37 - 127	
Ethylbenzene	50.0	50.10		ug/L		100	80 - 130	
Hexachlorobutadiene	50.0	43.06		ug/L		86	49 - 146	
Isopropylbenzene	50.0	49.82		ug/L		100	80 - 141	
Methyl tert-butyl ether	50.0	41.62		ug/L		83	72 - 133	
Methylene Chloride	50.0	49.49		ug/L		99	79 - 123	

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-27523/23

Matrix: Water

Analysis Batch: 27523

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Naphthalene	50.0	48.76		ug/L		98	62 - 138
n-Butylbenzene	50.0	52.39		ug/L		105	68 - 132
N-Propylbenzene	50.0	51.94		ug/L		104	75 - 129
p-Isopropyltoluene	50.0	50.48		ug/L		101	75 - 128
sec-Butylbenzene	50.0	51.48		ug/L		103	76 - 128
Styrene	50.0	51.97		ug/L		104	80 - 127
tert-Butylbenzene	50.0	50.66		ug/L		101	76 - 126
Tetrachloroethene	50.0	49.11		ug/L		98	80 - 126
Toluene	50.0	50.89		ug/L		102	80 - 126
trans-1,2-Dichloroethene	50.0	47.72		ug/L		95	79 - 126
trans-1,3-Dichloropropene	50.0	49.33		ug/L		99	63 - 134
Trichloroethene	50.0	50.26		ug/L		101	80 - 123
Trichlorofluoromethane	50.0	42.89		ug/L		86	65 - 124
Vinyl chloride	50.0	43.98		ug/L		88	68 - 120
Xylenes, Total	150	149.4		ug/L		100	80 - 132

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	85		70 - 130
4-Bromofluorobenzene (Surr)	99		70 - 130
Dibromofluoromethane (Surr)	93		70 - 130
Toluene-d8 (Surr)	101		70 - 130

Lab Sample ID: LCSD 490-27523/24

Matrix: Water

Analysis Batch: 27523

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	50.0	50.50		ug/L		101	74 - 135	2	16
1,1,1-Trichloroethane	50.0	47.91		ug/L		96	78 - 135	4	17
1,1,2,2-Tetrachloroethane	50.0	52.78		ug/L		106	69 - 131	4	20
1,1,2-Trichloroethane	50.0	49.83		ug/L		100	80 - 124	4	15
1,1-Dichloroethane	50.0	40.84		ug/L		82	78 - 125	11	17
1,1-Dichloroethene	50.0	54.29		ug/L		109	79 - 124	0	17
1,1-Dichloropropene	50.0	51.63		ug/L		103	80 - 122	3	17
1,2,3-Trichlorobenzene	50.0	53.24		ug/L		106	62 - 133	15	25
1,2,3-Trichloropropane	50.0	51.45		ug/L		103	70 - 131	6	19
1,2,4-Trichlorobenzene	50.0	54.55		ug/L		109	63 - 133	13	19
1,2,4-Trimethylbenzene	50.0	50.86		ug/L		102	77 - 126	3	16
1,2-Dibromo-3-Chloropropane	50.0	54.96		ug/L		110	54 - 125	9	24
1,2-Dibromoethane (EDB)	50.0	51.63		ug/L		103	80 - 129	4	15
1,2-Dichlorobenzene	50.0	51.58		ug/L		103	80 - 121	5	15
1,2-Dichloroethane	50.0	44.22		ug/L		88	77 - 121	2	17
1,2-Dichloropropane	50.0	50.07		ug/L		100	75 - 120	2	17
1,3,5-Trimethylbenzene	50.0	52.34		ug/L		105	77 - 127	3	17
1,3-Dichlorobenzene	50.0	51.97		ug/L		104	80 - 122	4	15
1,3-Dichloropropane	50.0	52.33		ug/L		105	80 - 125	4	14
1,4-Dichlorobenzene	50.0	52.07		ug/L		104	80 - 120	6	15
2,2-Dichloropropane	50.0	46.76		ug/L		94	43 - 161	10	18
2-Butanone (MEK)	250	211.3		ug/L		85	62 - 133	10	19

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-27523/24

Matrix: Water

Analysis Batch: 27523

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Chlorotoluene	50.0	51.44		ug/L		103	75 - 126	3	17
2-Hexanone	250	265.7		ug/L		106	60 - 142	4	15
4-Chlorotoluene	50.0	52.17		ug/L		104	75 - 130	1	18
4-Methyl-2-pentanone (MIBK)	250	260.2		ug/L		104	60 - 137	5	17
Acetone	250	215.5		ug/L		86	54 - 145	5	21
Benzene	50.0	52.56		ug/L		105	80 - 121	2	17
Bromobenzene	50.0	50.38		ug/L		101	68 - 130	3	20
Bromochloromethane	50.0	46.09		ug/L		92	78 - 129	11	17
Bromodichloromethane	50.0	52.46		ug/L		105	75 - 129	2	18
Bromoform	50.0	50.76		ug/L		102	46 - 145	4	16
Bromomethane	50.0	59.52		ug/L		119	41 - 150	3	50
Carbon disulfide	50.0	44.28		ug/L		89	77 - 126	1	21
Carbon tetrachloride	50.0	50.05		ug/L		100	64 - 147	3	19
Chlorobenzene	50.0	52.23		ug/L		104	80 - 120	3	14
Chlorodibromomethane	50.0	51.78		ug/L		104	69 - 133	4	15
Chloroethane	50.0	46.10		ug/L		92	72 - 120	1	20
Chloroform	50.0	42.25		ug/L		84	73 - 129	8	18
Chloromethane	50.0	41.67		ug/L		83	12 - 150	0	31
cis-1,2-Dichloroethene	50.0	42.48		ug/L		85	76 - 125	13	17
cis-1,3-Dichloropropene	50.0	54.00		ug/L		108	74 - 140	5	15
Dibromomethane	50.0	48.58		ug/L		97	71 - 125	4	16
Dichlorodifluoromethane	50.0	33.15		ug/L		66	37 - 127	0	18
Ethylbenzene	50.0	51.46		ug/L		103	80 - 130	3	15
Hexachlorobutadiene	50.0	47.77		ug/L		96	49 - 146	10	23
Isopropylbenzene	50.0	51.30		ug/L		103	80 - 141	3	16
Methyl tert-butyl ether	50.0	44.92		ug/L		90	72 - 133	8	16
Methylene Chloride	50.0	47.00		ug/L		94	79 - 123	5	17
Naphthalene	50.0	55.31		ug/L		111	62 - 138	13	26
n-Butylbenzene	50.0	56.51		ug/L		113	68 - 132	8	18
N-Propylbenzene	50.0	53.43		ug/L		107	75 - 129	3	17
p-Isopropyltoluene	50.0	53.49		ug/L		107	75 - 128	6	16
sec-Butylbenzene	50.0	53.88		ug/L		108	76 - 128	5	16
Styrene	50.0	53.40		ug/L		107	80 - 127	3	24
tert-Butylbenzene	50.0	52.53		ug/L		105	76 - 126	4	16
Tetrachloroethene	50.0	50.68		ug/L		101	80 - 126	3	16
Toluene	50.0	52.26		ug/L		105	80 - 126	3	15
trans-1,2-Dichloroethene	50.0	50.13		ug/L		100	79 - 126	5	16
trans-1,3-Dichloropropene	50.0	50.98		ug/L		102	63 - 134	3	14
Trichloroethene	50.0	51.88		ug/L		104	80 - 123	3	17
Trichlorofluoromethane	50.0	41.51		ug/L		83	65 - 124	3	18
Vinyl chloride	50.0	45.24		ug/L		90	68 - 120	3	17
Xylenes, Total	150	153.6		ug/L		102	80 - 132	3	15

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	85		70 - 130
4-Bromofluorobenzene (Surr)	98		70 - 130
Dibromofluoromethane (Surr)	89		70 - 130
Toluene-d8 (Surr)	101		70 - 130

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 490-26614/1-A

Matrix: Water

Analysis Batch: 26915

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 26614

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		2.00		ug/L		10/09/12 10:09	10/10/12 18:57	1
Acenaphthylene	ND		2.00		ug/L		10/09/12 10:09	10/10/12 18:57	1
Anthracene	ND		2.00		ug/L		10/09/12 10:09	10/10/12 18:57	1
Benzo[a]anthracene	ND		2.00		ug/L		10/09/12 10:09	10/10/12 18:57	1
Benzo[a]pyrene	ND		2.00		ug/L		10/09/12 10:09	10/10/12 18:57	1
Benzo[b]fluoranthene	ND		2.00		ug/L		10/09/12 10:09	10/10/12 18:57	1
Benzo[g,h,i]perylene	ND		2.00		ug/L		10/09/12 10:09	10/10/12 18:57	1
Benzo[k]fluoranthene	ND		2.00		ug/L		10/09/12 10:09	10/10/12 18:57	1
Chrysene	ND		2.00		ug/L		10/09/12 10:09	10/10/12 18:57	1
Dibenz(a,h)anthracene	ND		2.00		ug/L		10/09/12 10:09	10/10/12 18:57	1
Fluoranthene	ND		2.00		ug/L		10/09/12 10:09	10/10/12 18:57	1
Fluorene	ND		2.00		ug/L		10/09/12 10:09	10/10/12 18:57	1
Indeno[1,2,3-cd]pyrene	ND		2.00		ug/L		10/09/12 10:09	10/10/12 18:57	1
Naphthalene	ND		2.00		ug/L		10/09/12 10:09	10/10/12 18:57	1
Phenanthrene	ND		2.00		ug/L		10/09/12 10:09	10/10/12 18:57	1
Pyrene	ND		2.00		ug/L		10/09/12 10:09	10/10/12 18:57	1
1-Methylnaphthalene	ND		2.00		ug/L		10/09/12 10:09	10/10/12 18:57	1
2-Methylnaphthalene	ND		2.00		ug/L		10/09/12 10:09	10/10/12 18:57	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	76		27 - 120	10/09/12 10:09	10/10/12 18:57	1
Terphenyl-d14 (Surr)	74		13 - 120	10/09/12 10:09	10/10/12 18:57	1
2-Fluorobiphenyl (Surr)	82		29 - 120	10/09/12 10:09	10/10/12 18:57	1

Lab Sample ID: LCS 490-26614/2-A

Matrix: Water

Analysis Batch: 26915

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 26614

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthylene	50.0	51.15		ug/L		102	48 - 120
Anthracene	50.0	54.47		ug/L		109	58 - 130
Benzo[a]anthracene	50.0	52.29		ug/L		105	57 - 120
Benzo[a]pyrene	50.0	56.62		ug/L		113	57 - 124
Benzo[b]fluoranthene	50.0	47.93		ug/L		96	51 - 125
Benzo[g,h,i]perylene	50.0	46.09		ug/L		92	51 - 123
Benzo[k]fluoranthene	50.0	49.81		ug/L		100	51 - 120
Chrysene	50.0	52.42		ug/L		105	55 - 120
Dibenz(a,h)anthracene	50.0	47.23		ug/L		94	50 - 125
Fluoranthene	50.0	49.93		ug/L		100	56 - 120
Fluorene	50.0	57.21		ug/L		114	52 - 120
Indeno[1,2,3-cd]pyrene	50.0	46.89		ug/L		94	54 - 125
Naphthalene	50.0	52.89		ug/L		106	37 - 120
Phenanthrene	50.0	56.83		ug/L		114	56 - 120
Pyrene	50.0	62.75		ug/L		126	53 - 129
1-Methylnaphthalene	50.0	53.84		ug/L		108	36 - 120
2-Methylnaphthalene	50.0	55.14		ug/L		110	31 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Nitrobenzene-d5 (Surr)	89		27 - 120

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-26614/2-A

Matrix: Water

Analysis Batch: 26915

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 26614

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Terphenyl-d14 (Surr)	79		13 - 120
2-Fluorobiphenyl (Surr)	82		29 - 120

Lab Sample ID: MB 490-26640/1-A

Matrix: Water

Analysis Batch: 27348

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 26640

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acenaphthene	ND		2.00		ug/L		10/09/12 11:01	10/11/12 14:23	1
Acenaphthylene	ND		2.00		ug/L		10/09/12 11:01	10/11/12 14:23	1
Anthracene	ND		2.00		ug/L		10/09/12 11:01	10/11/12 14:23	1
Benzo[a]anthracene	ND		2.00		ug/L		10/09/12 11:01	10/11/12 14:23	1
Benzo[a]pyrene	ND		2.00		ug/L		10/09/12 11:01	10/11/12 14:23	1
Benzo[b]fluoranthene	ND		2.00		ug/L		10/09/12 11:01	10/11/12 14:23	1
Benzo[g,h,i]perylene	ND		2.00		ug/L		10/09/12 11:01	10/11/12 14:23	1
Benzo[k]fluoranthene	ND		2.00		ug/L		10/09/12 11:01	10/11/12 14:23	1
Chrysene	ND		2.00		ug/L		10/09/12 11:01	10/11/12 14:23	1
Dibenz(a,h)anthracene	ND		2.00		ug/L		10/09/12 11:01	10/11/12 14:23	1
Fluoranthene	ND		2.00		ug/L		10/09/12 11:01	10/11/12 14:23	1
Fluorene	ND		2.00		ug/L		10/09/12 11:01	10/11/12 14:23	1
Indeno[1,2,3-cd]pyrene	ND		2.00		ug/L		10/09/12 11:01	10/11/12 14:23	1
Naphthalene	ND		2.00		ug/L		10/09/12 11:01	10/11/12 14:23	1
Phenanthrene	ND		2.00		ug/L		10/09/12 11:01	10/11/12 14:23	1
Pyrene	ND		2.00		ug/L		10/09/12 11:01	10/11/12 14:23	1
1-Methylnaphthalene	ND		2.00		ug/L		10/09/12 11:01	10/11/12 14:23	1
2-Methylnaphthalene	ND		2.00		ug/L		10/09/12 11:01	10/11/12 14:23	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Nitrobenzene-d5 (Surr)	79		27 - 120	10/09/12 11:01	10/11/12 14:23	1
Terphenyl-d14 (Surr)	71		13 - 120	10/09/12 11:01	10/11/12 14:23	1
2-Fluorobiphenyl (Surr)	75		29 - 120	10/09/12 11:01	10/11/12 14:23	1

Lab Sample ID: LCS 490-26640/2-A

Matrix: Water

Analysis Batch: 27348

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 26640

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec.	
		Result	Qualifier				Limits	
Acenaphthylene	50.0	51.70		ug/L		103	48 - 120	
Anthracene	50.0	48.57		ug/L		97	58 - 130	
Benzo[a]anthracene	50.0	44.38		ug/L		89	57 - 120	
Benzo[a]pyrene	50.0	47.19		ug/L		94	57 - 124	
Benzo[b]fluoranthene	50.0	44.52		ug/L		89	51 - 125	
Benzo[g,h,i]perylene	50.0	42.11		ug/L		84	51 - 123	
Benzo[k]fluoranthene	50.0	43.47		ug/L		87	51 - 120	
Chrysene	50.0	43.66		ug/L		87	55 - 120	
Dibenz(a,h)anthracene	50.0	41.23		ug/L		82	50 - 125	
Fluoranthene	50.0	48.79		ug/L		98	56 - 120	
Fluorene	50.0	53.73		ug/L		107	52 - 120	
Indeno[1,2,3-cd]pyrene	50.0	42.85		ug/L		86	54 - 125	

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-26640/2-A

Matrix: Water

Analysis Batch: 27348

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 26640

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Naphthalene	50.0	45.38		ug/L		91	37 - 120
Phenanthrene	50.0	48.59		ug/L		97	56 - 120
Pyrene	50.0	46.12		ug/L		92	53 - 129
1-Methylnaphthalene	50.0	42.92		ug/L		86	36 - 120
2-Methylnaphthalene	50.0	43.90		ug/L		88	31 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Nitrobenzene-d5 (Surr)	76		27 - 120
Terphenyl-d14 (Surr)	48		13 - 120
2-Fluorobiphenyl (Surr)	71		29 - 120

Method: 9056 - Anions, Ion Chromatography

Lab Sample ID: MB 490-26490/3

Matrix: Water

Analysis Batch: 26490

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.00		mg/L			10/09/12 03:07	1
Sulfate	ND		1.00		mg/L			10/09/12 03:07	1

Lab Sample ID: LCS 490-26490/4

Matrix: Water

Analysis Batch: 26490

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	50.07		mg/L		100	90 - 110
Sulfate	50.0	50.63		mg/L		101	90 - 110

Lab Sample ID: 490-8500-1 MS

Matrix: Water

Analysis Batch: 26490

Client Sample ID: MW-22

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	42.5		50.0	86.62		mg/L		88	80 - 120
Sulfate	277		50.0	298.7	E 4	mg/L		44	80 - 120

Lab Sample ID: 490-8500-1 MSD

Matrix: Water

Analysis Batch: 26490

Client Sample ID: MW-22

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	42.5		50.0	87.23		mg/L		89	80 - 120	1	20
Sulfate	277		50.0	298.9	E 4	mg/L		44	80 - 120	0	20

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Method: 9056 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 490-8500-1 DU

Client Sample ID: MW-22

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 26490

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Chloride	42.5		42.56		mg/L		0.1	20
Sulfate	277		276.5	E	mg/L		0.09	20

Lab Sample ID: MB 490-26769/2

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 26769

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.00		mg/L			10/09/12 20:05	1
Sulfate	ND		1.00		mg/L			10/09/12 20:05	1

Lab Sample ID: LCS 490-26769/3

Client Sample ID: Lab Control Sample

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 26769

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	48.58		mg/L		97	90 - 110
Sulfate	50.0	51.71		mg/L		103	90 - 110

Lab Sample ID: LCSD 490-26769/4

Client Sample ID: Lab Control Sample Dup

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 26769

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	50.0	48.57		mg/L		97	90 - 110	0	20
Sulfate	50.0	51.85		mg/L		104	90 - 110	0	20

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 490-26758/1-B

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Dissolved

Analysis Batch: 27238

Prep Batch: 26762

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
As	ND		0.0100		mg/L		10/09/12 14:40	10/10/12 16:52	1
Ba	ND		0.0100		mg/L		10/09/12 14:40	10/10/12 16:52	1
Cd	ND		0.00100		mg/L		10/09/12 14:40	10/10/12 16:52	1
Cr	ND		0.00500		mg/L		10/09/12 14:40	10/10/12 16:52	1
Pb	ND		0.00500		mg/L		10/09/12 14:40	10/10/12 16:52	1
Se	ND		0.0100		mg/L		10/09/12 14:40	10/10/12 16:52	1
Ag	ND		0.00500		mg/L		10/09/12 14:40	10/10/12 16:52	1

Lab Sample ID: LCS 490-26758/2-B

Client Sample ID: Lab Control Sample

Matrix: Water

Prep Type: Dissolved

Analysis Batch: 27238

Prep Batch: 26762

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
As	0.0500	0.05110		mg/L		102	80 - 120
Ba	2.00	1.974		mg/L		99	80 - 120
Cd	0.0500	0.05180		mg/L		104	80 - 120

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 490-26758/2-B
Matrix: Water
Analysis Batch: 27238

Client Sample ID: Lab Control Sample
Prep Type: Dissolved
Prep Batch: 26762

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cr	0.200	0.2012		mg/L		101	80 - 120
Pb	0.0500	0.05390		mg/L		108	80 - 120
Se	0.0500	0.05600		mg/L		112	80 - 120
Ag	0.0500	0.05410		mg/L		108	80 - 120

Lab Sample ID: 490-8500-1 MS
Matrix: Water
Analysis Batch: 27238

Client Sample ID: MW-22
Prep Type: Dissolved
Prep Batch: 26762

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
As	0.0232		0.0500	0.07810		mg/L		110	75 - 125
Ba	0.0197		2.00	1.949		mg/L		96	75 - 125
Cd	ND		0.0500	0.05160		mg/L		103	75 - 125
Cr	ND		0.200	0.2004		mg/L		100	75 - 125
Pb	ND		0.0500	0.05770		mg/L		115	75 - 125
Se	ND		0.0500	0.06270		mg/L		110	75 - 125
Ag	ND		0.0500	0.05410		mg/L		108	75 - 125

Lab Sample ID: 490-8500-1 MSD
Matrix: Water
Analysis Batch: 27238

Client Sample ID: MW-22
Prep Type: Dissolved
Prep Batch: 26762

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
As	0.0232		0.0500	0.07530		mg/L		104	75 - 125	4	20
Ba	0.0197		2.00	1.954		mg/L		97	75 - 125	0	20
Cd	ND		0.0500	0.05230		mg/L		105	75 - 125	1	20
Cr	ND		0.200	0.2015		mg/L		101	75 - 125	1	20
Pb	ND		0.0500	0.05760		mg/L		115	75 - 125	0	20
Se	ND		0.0500	0.06700		mg/L		119	75 - 125	7	20
Ag	ND		0.0500	0.05450		mg/L		109	75 - 125	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 490-26889/1-B
Matrix: Water
Analysis Batch: 28829

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 26891

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200		mg/L		10/10/12 07:56	10/17/12 10:18	1

Lab Sample ID: LCS 490-26889/2-B
Matrix: Water
Analysis Batch: 28829

Client Sample ID: Lab Control Sample
Prep Type: Dissolved
Prep Batch: 26891

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00100	0.001094		mg/L		109	80 - 120

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 490-8500-1 MS

Matrix: Water

Analysis Batch: 28829

Client Sample ID: MW-22

Prep Type: Dissolved

Prep Batch: 26891

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00100	0.0009342		mg/L		93	75 - 125

Lab Sample ID: 490-8500-1 MSD

Matrix: Water

Analysis Batch: 28829

Client Sample ID: MW-22

Prep Type: Dissolved

Prep Batch: 26891

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00100	0.0009084		mg/L		91	75 - 125	3	20

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 490-28322/3

Matrix: Water

Analysis Batch: 28322

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3	ND		10.0		mg/L			10/13/12 10:39	1

Lab Sample ID: LCS 490-28322/4

Matrix: Water

Analysis Batch: 28322

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3	100	93.90		mg/L		94	90 - 110

Lab Sample ID: 490-8500-1 MS

Matrix: Water

Analysis Batch: 28322

Client Sample ID: MW-22

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Alkalinity as CaCO3	223		100	304.2		mg/L		82	80 - 120

Lab Sample ID: 490-8500-1 DU

Matrix: Water

Analysis Batch: 28322

Client Sample ID: MW-22

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3	223		222.8		mg/L		0.09	20

Lab Sample ID: 490-8500-18 DU

Matrix: Water

Analysis Batch: 28322

Client Sample ID: FB

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3	ND		ND		mg/L		NC	20

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 490-25325/1

Matrix: Water

Analysis Batch: 25325

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10.0		mg/L			10/06/12 11:08	1

Lab Sample ID: LCS 490-25325/2

Matrix: Water

Analysis Batch: 25325

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	100	103.0		mg/L		103	90 - 110

Lab Sample ID: LCSD 490-25325/3

Matrix: Water

Analysis Batch: 25325

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Dissolved Solids	100	103.0		mg/L		103	90 - 110	0	20

Lab Sample ID: 490-8500-3 DU

Matrix: Water

Analysis Batch: 25325

Client Sample ID: MW-12

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	724		719.0		mg/L		0.7	20

Lab Sample ID: MB 490-26060/1

Matrix: Water

Analysis Batch: 26060

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10.0		mg/L			10/06/12 12:10	1

Lab Sample ID: LCS 490-26060/2

Matrix: Water

Analysis Batch: 26060

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	100	106.0		mg/L		106	90 - 110

Lab Sample ID: 490-8340-H-1 DU

Matrix: Water

Analysis Batch: 26060

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	980		981.0		mg/L		0.1	20

Lab Sample ID: 490-8500-11 DU

Matrix: Water

Analysis Batch: 26060

Client Sample ID: MW-21

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	1260		1266		mg/L		0.6	20

QC Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: MB 490-26061/1							Client Sample ID: Method Blank		
Matrix: Water							Prep Type: Total/NA		
Analysis Batch: 26061									
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10.0		mg/L			10/09/12 10:23	1

Lab Sample ID: LCS 490-26061/2							Client Sample ID: Lab Control Sample		
Matrix: Water							Prep Type: Total/NA		
Analysis Batch: 26061									
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Total Dissolved Solids	100	95.00		mg/L		95	90 - 110		

Lab Sample ID: LCSD 490-26061/3							Client Sample ID: Lab Control Sample Dup		
Matrix: Water							Prep Type: Total/NA		
Analysis Batch: 26061									
Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Dissolved Solids	100	98.00		mg/L		98	90 - 110	3	20

Lab Sample ID: 490-8441-K-1 DU							Client Sample ID: Duplicate		
Matrix: Water							Prep Type: Total/NA		
Analysis Batch: 26061									
Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D		RPD	RPD Limit
Total Dissolved Solids	632		628.0		mg/L			0.6	20

Lab Sample ID: 490-8545-B-1 DU							Client Sample ID: Duplicate		
Matrix: Water							Prep Type: Total/NA		
Analysis Batch: 26061									
Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D		RPD	RPD Limit
Total Dissolved Solids	1020		1023		mg/L			0.3	20

QC Association Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

GC/MS VOA

Analysis Batch: 26944

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-8500-1	MW-22	Total/NA	Water	8260B	
490-8500-1 MS	MW-22	Total/NA	Water	8260B	
490-8500-1 MSD	MW-22	Total/NA	Water	8260B	
490-8500-2	MW-17	Total/NA	Water	8260B	
490-8500-3	MW-12	Total/NA	Water	8260B	
490-8500-5	MW-10	Total/NA	Water	8260B	
490-8500-6	MW-6	Total/NA	Water	8260B	
490-8500-7	MW-16	Total/NA	Water	8260B	
490-8500-8	MW-19	Total/NA	Water	8260B	
490-8500-9	MW-14	Total/NA	Water	8260B	
490-8500-10	MW-26	Total/NA	Water	8260B	
490-8500-11	MW-21	Total/NA	Water	8260B	
490-8500-19	Trip Blank 1	Total/NA	Water	8260B	
490-8500-20	Trip Blank 2	Total/NA	Water	8260B	
490-8500-21	Trip Blank 3	Total/NA	Water	8260B	
490-8500-22	Trip Blank 4	Total/NA	Water	8260B	
LCS 490-26944/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 490-26944/4	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 490-26944/7	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 27256

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-8500-13	MW-20	Total/NA	Water	8260B	
490-8500-13 MS	MW-20	Total/NA	Water	8260B	
490-8500-13 MSD	MW-20	Total/NA	Water	8260B	
490-8500-14	MW-5	Total/NA	Water	8260B	
490-8500-15	DUP	Total/NA	Water	8260B	
490-8500-16	MW-9	Total/NA	Water	8260B	
490-8500-17	EB	Total/NA	Water	8260B	
490-8500-18	FB	Total/NA	Water	8260B	
LCS 490-27256/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 490-27256/4	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 490-27256/9	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 27287

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-8500-12	MW-23	Total/NA	Water	8260B	
490-8500-12 MS	MW-23	Total/NA	Water	8260B	
490-8500-12 MSD	MW-23	Total/NA	Water	8260B	
LCS 490-27287/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 490-27287/4	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 490-27287/7	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 27523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-8500-2	MW-17	Total/NA	Water	8260B	
490-8500-3	MW-12	Total/NA	Water	8260B	
490-8500-4	MW-11	Total/NA	Water	8260B	
490-8500-14	MW-5	Total/NA	Water	8260B	
490-8500-15	DUP	Total/NA	Water	8260B	
490-8500-16	MW-9	Total/NA	Water	8260B	
LCS 490-27523/23	Lab Control Sample	Total/NA	Water	8260B	

QC Association Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

GC/MS VOA (Continued)

Analysis Batch: 27523 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 490-27523/24	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 490-27523/7	Method Blank	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 26614

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-8500-1	MW-22	Total/NA	Water	3510C	
490-8500-2	MW-17	Total/NA	Water	3510C	
490-8500-3	MW-12	Total/NA	Water	3510C	
490-8500-4	MW-11	Total/NA	Water	3510C	
490-8500-5	MW-10	Total/NA	Water	3510C	
490-8500-6	MW-6	Total/NA	Water	3510C	
490-8500-7	MW-16	Total/NA	Water	3510C	
490-8500-8	MW-19	Total/NA	Water	3510C	
490-8500-9	MW-14	Total/NA	Water	3510C	
490-8500-10	MW-26	Total/NA	Water	3510C	
490-8500-11	MW-21	Total/NA	Water	3510C	
490-8500-12	MW-23	Total/NA	Water	3510C	
490-8500-13	MW-20	Total/NA	Water	3510C	
490-8500-14	MW-5	Total/NA	Water	3510C	
LCS 490-26614/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 490-26614/1-A	Method Blank	Total/NA	Water	3510C	

Prep Batch: 26640

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-8500-15	DUP	Total/NA	Water	3510C	
490-8500-16	MW-9	Total/NA	Water	3510C	
490-8500-17	EB	Total/NA	Water	3510C	
490-8500-18	FB	Total/NA	Water	3510C	
LCS 490-26640/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 490-26640/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 26915

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-8500-1	MW-22	Total/NA	Water	8270C	26614
490-8500-2	MW-17	Total/NA	Water	8270C	26614
490-8500-3	MW-12	Total/NA	Water	8270C	26614
490-8500-4	MW-11	Total/NA	Water	8270C	26614
490-8500-5	MW-10	Total/NA	Water	8270C	26614
490-8500-6	MW-6	Total/NA	Water	8270C	26614
LCS 490-26614/2-A	Lab Control Sample	Total/NA	Water	8270C	26614
MB 490-26614/1-A	Method Blank	Total/NA	Water	8270C	26614

Analysis Batch: 27289

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-8500-7	MW-16	Total/NA	Water	8270C	26614
490-8500-8	MW-19	Total/NA	Water	8270C	26614
490-8500-9	MW-14	Total/NA	Water	8270C	26614
490-8500-10	MW-26	Total/NA	Water	8270C	26614
490-8500-11	MW-21	Total/NA	Water	8270C	26614
490-8500-12	MW-23	Total/NA	Water	8270C	26614

QC Association Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

GC/MS Semi VOA (Continued)

Analysis Batch: 27289 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-8500-13	MW-20	Total/NA	Water	8270C	26614
490-8500-14	MW-5	Total/NA	Water	8270C	26614

Analysis Batch: 27348

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-8500-15	DUP	Total/NA	Water	8270C	26640
490-8500-16	MW-9	Total/NA	Water	8270C	26640
490-8500-17	EB	Total/NA	Water	8270C	26640
490-8500-18	FB	Total/NA	Water	8270C	26640
LCS 490-26640/2-A	Lab Control Sample	Total/NA	Water	8270C	26640
MB 490-26640/1-A	Method Blank	Total/NA	Water	8270C	26640

Analysis Batch: 27664

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-8500-16	MW-9	Total/NA	Water	8270C	26640

HPLC/IC

Analysis Batch: 26490

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-8500-1	MW-22	Total/NA	Water	9056	
490-8500-1 DU	MW-22	Total/NA	Water	9056	
490-8500-1 MS	MW-22	Total/NA	Water	9056	
490-8500-1 MSD	MW-22	Total/NA	Water	9056	
490-8500-2	MW-17	Total/NA	Water	9056	
490-8500-3	MW-12	Total/NA	Water	9056	
490-8500-5	MW-10	Total/NA	Water	9056	
490-8500-6	MW-6	Total/NA	Water	9056	
490-8500-7	MW-16	Total/NA	Water	9056	
490-8500-8	MW-19	Total/NA	Water	9056	
490-8500-9	MW-14	Total/NA	Water	9056	
490-8500-10	MW-26	Total/NA	Water	9056	
490-8500-11	MW-21	Total/NA	Water	9056	
490-8500-12	MW-23	Total/NA	Water	9056	
490-8500-14	MW-5	Total/NA	Water	9056	
490-8500-15	DUP	Total/NA	Water	9056	
490-8500-16	MW-9	Total/NA	Water	9056	
490-8500-17	EB	Total/NA	Water	9056	
490-8500-18	FB	Total/NA	Water	9056	
LCS 490-26490/4	Lab Control Sample	Total/NA	Water	9056	
MB 490-26490/3	Method Blank	Total/NA	Water	9056	

Analysis Batch: 26769

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-8500-1	MW-22	Total/NA	Water	9056	
490-8500-4	MW-11	Total/NA	Water	9056	
490-8500-5	MW-10	Total/NA	Water	9056	
490-8500-8	MW-19	Total/NA	Water	9056	
490-8500-10	MW-26	Total/NA	Water	9056	
490-8500-11	MW-21	Total/NA	Water	9056	
490-8500-12	MW-23	Total/NA	Water	9056	
490-8500-13	MW-20	Total/NA	Water	9056	

QC Association Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

HPLC/IC (Continued)

Analysis Batch: 26769 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 490-26769/3	Lab Control Sample	Total/NA	Water	9056	
LCSD 490-26769/4	Lab Control Sample Dup	Total/NA	Water	9056	
MB 490-26769/2	Method Blank	Total/NA	Water	9056	

Metals

Prep Batch: 26762

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-8500-1	MW-22	Dissolved	Water	3005A	
490-8500-1 MS	MW-22	Dissolved	Water	3005A	
490-8500-1 MSD	MW-22	Dissolved	Water	3005A	
490-8500-2	MW-17	Dissolved	Water	3005A	
490-8500-3	MW-12	Dissolved	Water	3005A	
490-8500-4	MW-11	Dissolved	Water	3005A	
490-8500-5	MW-10	Dissolved	Water	3005A	
490-8500-6	MW-6	Dissolved	Water	3005A	
490-8500-7	MW-16	Dissolved	Water	3005A	
490-8500-8	MW-19	Dissolved	Water	3005A	
490-8500-9	MW-14	Dissolved	Water	3005A	
490-8500-10	MW-26	Dissolved	Water	3005A	
490-8500-11	MW-21	Dissolved	Water	3005A	
490-8500-12	MW-23	Dissolved	Water	3005A	
490-8500-13	MW-20	Dissolved	Water	3005A	
490-8500-14	MW-5	Dissolved	Water	3005A	
490-8500-15	DUP	Dissolved	Water	3005A	
490-8500-16	MW-9	Dissolved	Water	3005A	
490-8500-17	EB	Dissolved	Water	3005A	
490-8500-18	FB	Dissolved	Water	3005A	
LCS 490-26758/2-B	Lab Control Sample	Dissolved	Water	3005A	
MB 490-26758/1-B	Method Blank	Dissolved	Water	3005A	

Prep Batch: 26891

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-8500-1	MW-22	Dissolved	Water	7470A	
490-8500-1 MS	MW-22	Dissolved	Water	7470A	
490-8500-1 MSD	MW-22	Dissolved	Water	7470A	
490-8500-2	MW-17	Dissolved	Water	7470A	
490-8500-3	MW-12	Dissolved	Water	7470A	
490-8500-4	MW-11	Dissolved	Water	7470A	
490-8500-5	MW-10	Dissolved	Water	7470A	
490-8500-6	MW-6	Dissolved	Water	7470A	
490-8500-7	MW-16	Dissolved	Water	7470A	
490-8500-8	MW-19	Dissolved	Water	7470A	
490-8500-9	MW-14	Dissolved	Water	7470A	
490-8500-10	MW-26	Dissolved	Water	7470A	
490-8500-11	MW-21	Dissolved	Water	7470A	
490-8500-12	MW-23	Dissolved	Water	7470A	
490-8500-13	MW-20	Dissolved	Water	7470A	
490-8500-14	MW-5	Dissolved	Water	7470A	
490-8500-15	DUP	Dissolved	Water	7470A	
490-8500-16	MW-9	Dissolved	Water	7470A	
490-8500-17	EB	Dissolved	Water	7470A	

QC Association Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Metals (Continued)

Prep Batch: 26891 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-8500-18	FB	Dissolved	Water	7470A	
LCS 490-26889/2-B	Lab Control Sample	Dissolved	Water	7470A	
MB 490-26889/1-B	Method Blank	Dissolved	Water	7470A	

Analysis Batch: 27238

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-8500-1	MW-22	Dissolved	Water	6010B	26762
490-8500-1 MS	MW-22	Dissolved	Water	6010B	26762
490-8500-1 MSD	MW-22	Dissolved	Water	6010B	26762
490-8500-2	MW-17	Dissolved	Water	6010B	26762
490-8500-3	MW-12	Dissolved	Water	6010B	26762
490-8500-4	MW-11	Dissolved	Water	6010B	26762
490-8500-5	MW-10	Dissolved	Water	6010B	26762
490-8500-6	MW-6	Dissolved	Water	6010B	26762
490-8500-7	MW-16	Dissolved	Water	6010B	26762
490-8500-8	MW-19	Dissolved	Water	6010B	26762
490-8500-9	MW-14	Dissolved	Water	6010B	26762
490-8500-10	MW-26	Dissolved	Water	6010B	26762
490-8500-11	MW-21	Dissolved	Water	6010B	26762
490-8500-12	MW-23	Dissolved	Water	6010B	26762
490-8500-13	MW-20	Dissolved	Water	6010B	26762
490-8500-14	MW-5	Dissolved	Water	6010B	26762
490-8500-15	DUP	Dissolved	Water	6010B	26762
490-8500-16	MW-9	Dissolved	Water	6010B	26762
490-8500-17	EB	Dissolved	Water	6010B	26762
490-8500-18	FB	Dissolved	Water	6010B	26762
LCS 490-26758/2-B	Lab Control Sample	Dissolved	Water	6010B	26762
MB 490-26758/1-B	Method Blank	Dissolved	Water	6010B	26762

Analysis Batch: 28829

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-8500-1	MW-22	Dissolved	Water	7470A	26891
490-8500-1 MS	MW-22	Dissolved	Water	7470A	26891
490-8500-1 MSD	MW-22	Dissolved	Water	7470A	26891
490-8500-2	MW-17	Dissolved	Water	7470A	26891
490-8500-3	MW-12	Dissolved	Water	7470A	26891
490-8500-4	MW-11	Dissolved	Water	7470A	26891
490-8500-5	MW-10	Dissolved	Water	7470A	26891
490-8500-6	MW-6	Dissolved	Water	7470A	26891
490-8500-7	MW-16	Dissolved	Water	7470A	26891
490-8500-8	MW-19	Dissolved	Water	7470A	26891
490-8500-9	MW-14	Dissolved	Water	7470A	26891
490-8500-10	MW-26	Dissolved	Water	7470A	26891
490-8500-11	MW-21	Dissolved	Water	7470A	26891
490-8500-12	MW-23	Dissolved	Water	7470A	26891
490-8500-13	MW-20	Dissolved	Water	7470A	26891
490-8500-14	MW-5	Dissolved	Water	7470A	26891
490-8500-15	DUP	Dissolved	Water	7470A	26891
490-8500-16	MW-9	Dissolved	Water	7470A	26891
490-8500-17	EB	Dissolved	Water	7470A	26891
490-8500-18	FB	Dissolved	Water	7470A	26891
LCS 490-26889/2-B	Lab Control Sample	Dissolved	Water	7470A	26891

QC Association Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Metals (Continued)

Analysis Batch: 28829 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 490-26889/1-B	Method Blank	Dissolved	Water	7470A	26891

General Chemistry

Analysis Batch: 25325

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-8500-1	MW-22	Total/NA	Water	SM 2540C	
490-8500-2	MW-17	Total/NA	Water	SM 2540C	
490-8500-3	MW-12	Total/NA	Water	SM 2540C	
490-8500-3 DU	MW-12	Total/NA	Water	SM 2540C	
490-8500-4	MW-11	Total/NA	Water	SM 2540C	
490-8500-5	MW-10	Total/NA	Water	SM 2540C	
LCS 490-25325/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 490-25325/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
MB 490-25325/1	Method Blank	Total/NA	Water	SM 2540C	

Analysis Batch: 26060

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-8340-H-1 DU	Duplicate	Total/NA	Water	SM 2540C	
490-8500-6	MW-6	Total/NA	Water	SM 2540C	
490-8500-7	MW-16	Total/NA	Water	SM 2540C	
490-8500-8	MW-19	Total/NA	Water	SM 2540C	
490-8500-9	MW-14	Total/NA	Water	SM 2540C	
490-8500-10	MW-26	Total/NA	Water	SM 2540C	
490-8500-11	MW-21	Total/NA	Water	SM 2540C	
490-8500-11 DU	MW-21	Total/NA	Water	SM 2540C	
490-8500-12	MW-23	Total/NA	Water	SM 2540C	
490-8500-13	MW-20	Total/NA	Water	SM 2540C	
490-8500-14	MW-5	Total/NA	Water	SM 2540C	
490-8500-15	DUP	Total/NA	Water	SM 2540C	
490-8500-16	MW-9	Total/NA	Water	SM 2540C	
LCS 490-26060/2	Lab Control Sample	Total/NA	Water	SM 2540C	
MB 490-26060/1	Method Blank	Total/NA	Water	SM 2540C	

Analysis Batch: 26061

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-8441-K-1 DU	Duplicate	Total/NA	Water	SM 2540C	
490-8500-17	EB	Total/NA	Water	SM 2540C	
490-8500-18	FB	Total/NA	Water	SM 2540C	
490-8545-B-1 DU	Duplicate	Total/NA	Water	SM 2540C	
LCS 490-26061/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 490-26061/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
MB 490-26061/1	Method Blank	Total/NA	Water	SM 2540C	

Analysis Batch: 28322

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-8500-1	MW-22	Total/NA	Water	SM 2320B	
490-8500-1 DU	MW-22	Total/NA	Water	SM 2320B	
490-8500-1 MS	MW-22	Total/NA	Water	SM 2320B	
490-8500-2	MW-17	Total/NA	Water	SM 2320B	
490-8500-3	MW-12	Total/NA	Water	SM 2320B	
490-8500-4	MW-11	Total/NA	Water	SM 2320B	

QC Association Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

General Chemistry (Continued)

Analysis Batch: 28322 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-8500-5	MW-10	Total/NA	Water	SM 2320B	
490-8500-6	MW-6	Total/NA	Water	SM 2320B	
490-8500-7	MW-16	Total/NA	Water	SM 2320B	
490-8500-8	MW-19	Total/NA	Water	SM 2320B	
490-8500-9	MW-14	Total/NA	Water	SM 2320B	
490-8500-10	MW-26	Total/NA	Water	SM 2320B	
490-8500-11	MW-21	Total/NA	Water	SM 2320B	
490-8500-12	MW-23	Total/NA	Water	SM 2320B	
490-8500-13	MW-20	Total/NA	Water	SM 2320B	
490-8500-14	MW-5	Total/NA	Water	SM 2320B	
490-8500-15	DUP	Total/NA	Water	SM 2320B	
490-8500-17	EB	Total/NA	Water	SM 2320B	
490-8500-18	FB	Total/NA	Water	SM 2320B	
490-8500-18 DU	FB	Total/NA	Water	SM 2320B	
LCS 490-28322/4	Lab Control Sample	Total/NA	Water	SM 2320B	
MB 490-28322/3	Method Blank	Total/NA	Water	SM 2320B	

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: MW-22

Lab Sample ID: 490-8500-1

Date Collected: 10/03/12 09:10

Matrix: Water

Date Received: 10/05/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26944	10/10/12 16:01	EL	TAL NSH
Total/NA	Prep	3510C			26614	10/09/12 10:09	RH	TAL NSH
Total/NA	Analysis	8270C		1	26915	10/10/12 19:47	BS	TAL NSH
Total/NA	Analysis	9056		1	26490	10/09/12 03:48	AC	TAL NSH
Total/NA	Analysis	9056		5	26769	10/09/12 21:20	AC	TAL NSH
Dissolved	Prep	3005A			26762	10/09/12 14:40	NLI	TAL NSH
Dissolved	Analysis	6010B		1	27238	10/10/12 16:58	KJ	TAL NSH
Dissolved	Prep	7470A			26891	10/10/12 07:56	LB	TAL NSH
Dissolved	Analysis	7470A		1	28829	10/17/12 10:22	LB	TAL NSH
Total/NA	Analysis	SM 2540C		1	25325	10/06/12 11:08	NH	TAL NSH
Total/NA	Analysis	SM 2320B		1	28322	10/13/12 10:52	NH	TAL NSH

Client Sample ID: MW-17

Lab Sample ID: 490-8500-2

Date Collected: 10/03/12 09:50

Matrix: Water

Date Received: 10/05/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26944	10/10/12 19:10	EL	TAL NSH
Total/NA	Analysis	8260B		5	27523	10/12/12 03:00	EL	TAL NSH
Total/NA	Prep	3510C			26614	10/09/12 10:09	RH	TAL NSH
Total/NA	Analysis	8270C		1	26915	10/10/12 20:12	BS	TAL NSH
Total/NA	Analysis	9056		1	26490	10/09/12 05:08	AC	TAL NSH
Dissolved	Prep	3005A			26762	10/09/12 14:40	NLI	TAL NSH
Dissolved	Analysis	6010B		1	27238	10/10/12 17:20	KJ	TAL NSH
Dissolved	Prep	7470A			26891	10/10/12 07:56	LB	TAL NSH
Dissolved	Analysis	7470A		1	28829	10/17/12 10:30	LB	TAL NSH
Total/NA	Analysis	SM 2540C		1	25325	10/06/12 11:08	NH	TAL NSH
Total/NA	Analysis	SM 2320B		1	28322	10/13/12 11:10	NH	TAL NSH

Client Sample ID: MW-12

Lab Sample ID: 490-8500-3

Date Collected: 10/03/12 10:25

Matrix: Water

Date Received: 10/05/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26944	10/10/12 19:37	EL	TAL NSH
Total/NA	Analysis	8260B		5	27523	10/12/12 03:27	EL	TAL NSH
Total/NA	Prep	3510C			26614	10/09/12 10:09	RH	TAL NSH
Total/NA	Analysis	8270C		1	26915	10/10/12 20:36	BS	TAL NSH
Total/NA	Analysis	9056		1	26490	10/09/12 05:28	AC	TAL NSH
Dissolved	Prep	3005A			26762	10/09/12 14:40	NLI	TAL NSH
Dissolved	Analysis	6010B		1	27238	10/10/12 17:23	KJ	TAL NSH
Dissolved	Prep	7470A			26891	10/10/12 07:56	LB	TAL NSH
Dissolved	Analysis	7470A		1	28829	10/17/12 10:33	LB	TAL NSH

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: MW-12

Lab Sample ID: 490-8500-3

Date Collected: 10/03/12 10:25

Matrix: Water

Date Received: 10/05/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	25325	10/06/12 11:08	NH	TAL NSH
Total/NA	Analysis	SM 2320B		1	28322	10/13/12 11:18	NH	TAL NSH

Client Sample ID: MW-11

Lab Sample ID: 490-8500-4

Date Collected: 10/03/12 11:05

Matrix: Water

Date Received: 10/05/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	27523	10/12/12 02:33	EL	TAL NSH
Total/NA	Prep	3510C			26614	10/09/12 10:09	RH	TAL NSH
Total/NA	Analysis	8270C		1	26915	10/10/12 21:01	BS	TAL NSH
Total/NA	Analysis	9056		10	26769	10/09/12 21:45	AC	TAL NSH
Dissolved	Prep	3005A			26762	10/09/12 14:40	NLI	TAL NSH
Dissolved	Analysis	6010B		1	27238	10/10/12 17:27	KJ	TAL NSH
Dissolved	Prep	7470A			26891	10/10/12 07:56	LB	TAL NSH
Dissolved	Analysis	7470A		1	28829	10/17/12 10:35	LB	TAL NSH
Total/NA	Analysis	SM 2540C		1	25325	10/06/12 11:08	NH	TAL NSH
Total/NA	Analysis	SM 2320B		1	28322	10/13/12 11:24	NH	TAL NSH

Client Sample ID: MW-10

Lab Sample ID: 490-8500-5

Date Collected: 10/03/12 11:40

Matrix: Water

Date Received: 10/05/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26944	10/10/12 20:31	EL	TAL NSH
Total/NA	Prep	3510C			26614	10/09/12 10:09	RH	TAL NSH
Total/NA	Analysis	8270C		1	26915	10/10/12 21:26	BS	TAL NSH
Total/NA	Analysis	9056		1	26490	10/09/12 06:08	AC	TAL NSH
Total/NA	Analysis	9056		5	26769	10/09/12 22:10	AC	TAL NSH
Dissolved	Prep	3005A			26762	10/09/12 14:40	NLI	TAL NSH
Dissolved	Analysis	6010B		1	27238	10/10/12 17:30	KJ	TAL NSH
Dissolved	Prep	7470A			26891	10/10/12 07:56	LB	TAL NSH
Dissolved	Analysis	7470A		1	28829	10/17/12 10:37	LB	TAL NSH
Total/NA	Analysis	SM 2540C		1	25325	10/06/12 11:08	NH	TAL NSH
Total/NA	Analysis	SM 2320B		1	28322	10/13/12 11:30	NH	TAL NSH

Client Sample ID: MW-6

Lab Sample ID: 490-8500-6

Date Collected: 10/03/12 12:20

Matrix: Water

Date Received: 10/05/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26944	10/10/12 20:58	EL	TAL NSH
Total/NA	Prep	3510C			26614	10/09/12 10:09	RH	TAL NSH

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: MW-6

Lab Sample ID: 490-8500-6

Date Collected: 10/03/12 12:20

Matrix: Water

Date Received: 10/05/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8270C		1	26915	10/10/12 21:51	BS	TAL NSH
Total/NA	Analysis	9056		1	26490	10/09/12 06:28	AC	TAL NSH
Dissolved	Prep	3005A			26762	10/09/12 14:40	NLI	TAL NSH
Dissolved	Analysis	6010B		1	27238	10/10/12 17:33	KJ	TAL NSH
Dissolved	Prep	7470A			26891	10/10/12 07:56	LB	TAL NSH
Dissolved	Analysis	7470A		1	28829	10/17/12 10:39	LB	TAL NSH
Total/NA	Analysis	SM 2540C		1	26060	10/06/12 12:10	NH	TAL NSH
Total/NA	Analysis	SM 2320B		1	28322	10/13/12 11:47	NH	TAL NSH

Client Sample ID: MW-16

Lab Sample ID: 490-8500-7

Date Collected: 10/03/12 13:15

Matrix: Water

Date Received: 10/05/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26944	10/10/12 21:25	EL	TAL NSH
Total/NA	Prep	3510C			26614	10/09/12 10:09	RH	TAL NSH
Total/NA	Analysis	8270C		1	27289	10/11/12 11:50	BS	TAL NSH
Total/NA	Analysis	9056		1	26490	10/09/12 06:48	AC	TAL NSH
Dissolved	Prep	3005A			26762	10/09/12 14:40	NLI	TAL NSH
Dissolved	Analysis	6010B		1	27238	10/10/12 17:36	KJ	TAL NSH
Dissolved	Prep	7470A			26891	10/10/12 07:56	LB	TAL NSH
Dissolved	Analysis	7470A		1	28829	10/17/12 10:48	LB	TAL NSH
Total/NA	Analysis	SM 2540C		1	26060	10/06/12 12:10	NH	TAL NSH
Total/NA	Analysis	SM 2320B		1	28322	10/13/12 11:54	NH	TAL NSH

Client Sample ID: MW-19

Lab Sample ID: 490-8500-8

Date Collected: 10/03/12 14:05

Matrix: Water

Date Received: 10/05/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26944	10/10/12 21:52	EL	TAL NSH
Total/NA	Prep	3510C			26614	10/09/12 10:09	RH	TAL NSH
Total/NA	Analysis	8270C		1	27289	10/11/12 12:15	BS	TAL NSH
Total/NA	Analysis	9056		1	26490	10/09/12 07:08	AC	TAL NSH
Total/NA	Analysis	9056		5	26769	10/09/12 22:35	AC	TAL NSH
Dissolved	Prep	3005A			26762	10/09/12 14:40	NLI	TAL NSH
Dissolved	Analysis	6010B		1	27238	10/10/12 17:39	KJ	TAL NSH
Dissolved	Prep	7470A			26891	10/10/12 07:56	LB	TAL NSH
Dissolved	Analysis	7470A		1	28829	10/17/12 10:50	LB	TAL NSH
Total/NA	Analysis	SM 2540C		1	26060	10/06/12 12:10	NH	TAL NSH
Total/NA	Analysis	SM 2320B		1	28322	10/13/12 12:00	NH	TAL NSH

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: MW-14

Lab Sample ID: 490-8500-9

Date Collected: 10/03/12 14:50

Matrix: Water

Date Received: 10/05/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26944	10/10/12 22:19	EL	TAL NSH
Total/NA	Prep	3510C			26614	10/09/12 10:09	RH	TAL NSH
Total/NA	Analysis	8270C		1	27289	10/11/12 12:40	BS	TAL NSH
Total/NA	Analysis	9056		1	26490	10/09/12 07:28	AC	TAL NSH
Dissolved	Prep	3005A			26762	10/09/12 14:40	NLI	TAL NSH
Dissolved	Analysis	6010B		1	27238	10/10/12 17:43	KJ	TAL NSH
Dissolved	Prep	7470A			26891	10/10/12 07:56	LB	TAL NSH
Dissolved	Analysis	7470A		1	28829	10/17/12 10:52	LB	TAL NSH
Total/NA	Analysis	SM 2540C		1	26060	10/06/12 12:10	NH	TAL NSH
Total/NA	Analysis	SM 2320B		1	28322	10/13/12 12:06	NH	TAL NSH

Client Sample ID: MW-26

Lab Sample ID: 490-8500-10

Date Collected: 10/03/12 15:45

Matrix: Water

Date Received: 10/05/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26944	10/10/12 22:46	EL	TAL NSH
Total/NA	Prep	3510C			26614	10/09/12 10:09	RH	TAL NSH
Total/NA	Analysis	8270C		1	27289	10/11/12 13:06	BS	TAL NSH
Total/NA	Analysis	9056		1	26490	10/09/12 07:48	AC	TAL NSH
Total/NA	Analysis	9056		5	26769	10/09/12 23:00	AC	TAL NSH
Dissolved	Prep	3005A			26762	10/09/12 14:40	NLI	TAL NSH
Dissolved	Analysis	6010B		1	27238	10/10/12 17:46	KJ	TAL NSH
Dissolved	Prep	7470A			26891	10/10/12 07:56	LB	TAL NSH
Dissolved	Analysis	7470A		1	28829	10/17/12 10:54	LB	TAL NSH
Total/NA	Analysis	SM 2540C		1	26060	10/06/12 12:10	NH	TAL NSH
Total/NA	Analysis	SM 2320B		1	28322	10/13/12 12:12	NH	TAL NSH

Client Sample ID: MW-21

Lab Sample ID: 490-8500-11

Date Collected: 10/03/12 16:35

Matrix: Water

Date Received: 10/05/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26944	10/10/12 23:13	EL	TAL NSH
Total/NA	Prep	3510C			26614	10/09/12 10:09	RH	TAL NSH
Total/NA	Analysis	8270C		1	27289	10/11/12 13:32	BS	TAL NSH
Total/NA	Analysis	9056		1	26490	10/09/12 08:49	AC	TAL NSH
Total/NA	Analysis	9056		10	26769	10/09/12 23:25	AC	TAL NSH
Dissolved	Prep	3005A			26762	10/09/12 14:40	NLI	TAL NSH
Dissolved	Analysis	6010B		1	27238	10/10/12 18:01	KJ	TAL NSH
Dissolved	Prep	7470A			26891	10/10/12 07:56	LB	TAL NSH
Dissolved	Analysis	7470A		1	28829	10/17/12 10:56	LB	TAL NSH
Total/NA	Analysis	SM 2540C		1	26060	10/06/12 12:10	NH	TAL NSH

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: MW-21

Date Collected: 10/03/12 16:35

Date Received: 10/05/12 08:30

Lab Sample ID: 490-8500-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2320B		1	28322	10/13/12 12:18	NH	TAL NSH

Client Sample ID: MW-23

Date Collected: 10/03/12 17:15

Date Received: 10/05/12 08:30

Lab Sample ID: 490-8500-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	27287	10/11/12 13:46	EL	TAL NSH
Total/NA	Prep	3510C			26614	10/09/12 10:09	RH	TAL NSH
Total/NA	Analysis	8270C		1	27289	10/11/12 13:58	BS	TAL NSH
Total/NA	Analysis	9056		1	26490	10/09/12 09:09	AC	TAL NSH
Total/NA	Analysis	9056		5	26769	10/09/12 23:50	AC	TAL NSH
Dissolved	Prep	3005A			26762	10/09/12 14:40	NLI	TAL NSH
Dissolved	Analysis	6010B		1	27238	10/10/12 18:05	KJ	TAL NSH
Dissolved	Prep	7470A			26891	10/10/12 07:56	LB	TAL NSH
Dissolved	Analysis	7470A		1	28829	10/17/12 10:59	LB	TAL NSH
Total/NA	Analysis	SM 2540C		1	26060	10/06/12 12:10	NH	TAL NSH
Total/NA	Analysis	SM 2320B		1	28322	10/13/12 12:24	NH	TAL NSH

Client Sample ID: MW-20

Date Collected: 10/03/12 18:00

Date Received: 10/05/12 08:30

Lab Sample ID: 490-8500-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	27256	10/11/12 15:17	EL	TAL NSH
Total/NA	Prep	3510C			26614	10/09/12 10:09	RH	TAL NSH
Total/NA	Analysis	8270C		1	27289	10/11/12 14:24	BS	TAL NSH
Total/NA	Analysis	9056		10	26769	10/10/12 00:15	AC	TAL NSH
Dissolved	Prep	3005A			26762	10/09/12 14:40	NLI	TAL NSH
Dissolved	Analysis	6010B		1	27238	10/10/12 18:08	KJ	TAL NSH
Dissolved	Prep	7470A			26891	10/10/12 07:56	LB	TAL NSH
Dissolved	Analysis	7470A		1	28829	10/17/12 11:01	LB	TAL NSH
Total/NA	Analysis	SM 2540C		1	26060	10/06/12 12:10	NH	TAL NSH
Total/NA	Analysis	SM 2320B		1	28322	10/13/12 12:32	NH	TAL NSH

Client Sample ID: MW-5

Date Collected: 10/03/12 18:40

Date Received: 10/05/12 08:30

Lab Sample ID: 490-8500-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	27256	10/11/12 15:45	EL	TAL NSH
Total/NA	Analysis	8260B		20	27523	10/12/12 03:54	EL	TAL NSH
Total/NA	Prep	3510C			26614	10/09/12 10:09	RH	TAL NSH

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: MW-5

Lab Sample ID: 490-8500-14

Date Collected: 10/03/12 18:40

Matrix: Water

Date Received: 10/05/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8270C		1	27289	10/11/12 14:50	BS	TAL NSH
Total/NA	Analysis	9056		1	26490	10/09/12 09:49	AC	TAL NSH
Dissolved	Prep	3005A			26762	10/09/12 14:40	NLI	TAL NSH
Dissolved	Analysis	6010B		1	27238	10/10/12 18:11	KJ	TAL NSH
Dissolved	Prep	7470A			26891	10/10/12 07:56	LB	TAL NSH
Dissolved	Analysis	7470A		1	28829	10/17/12 11:03	LB	TAL NSH
Total/NA	Analysis	SM 2540C		1	26060	10/06/12 12:10	NH	TAL NSH
Total/NA	Analysis	SM 2320B		1	28322	10/13/12 12:40	NH	TAL NSH

Client Sample ID: DUP

Lab Sample ID: 490-8500-15

Date Collected: 10/03/12 06:00

Matrix: Water

Date Received: 10/05/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	27256	10/11/12 16:12	EL	TAL NSH
Total/NA	Analysis	8260B		20	27523	10/12/12 04:21	EL	TAL NSH
Total/NA	Prep	3510C			26640	10/09/12 11:01	RH	TAL NSH
Total/NA	Analysis	8270C		1	27348	10/11/12 20:33	WS	TAL NSH
Total/NA	Analysis	9056		1	26490	10/09/12 10:09	AC	TAL NSH
Dissolved	Prep	3005A			26762	10/09/12 14:40	NLI	TAL NSH
Dissolved	Analysis	6010B		1	27238	10/10/12 18:14	KJ	TAL NSH
Dissolved	Prep	7470A			26891	10/10/12 07:56	LB	TAL NSH
Dissolved	Analysis	7470A		1	28829	10/17/12 11:05	LB	TAL NSH
Total/NA	Analysis	SM 2540C		1	26060	10/06/12 12:10	NH	TAL NSH
Total/NA	Analysis	SM 2320B		1	28322	10/13/12 12:58	NH	TAL NSH

Client Sample ID: MW-9

Lab Sample ID: 490-8500-16

Date Collected: 10/03/12 19:25

Matrix: Water

Date Received: 10/05/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	27256	10/11/12 16:39	EL	TAL NSH
Total/NA	Analysis	8260B		1	27523	10/12/12 04:48	EL	TAL NSH
Total/NA	Prep	3510C			26640	10/09/12 11:01	RH	TAL NSH
Total/NA	Analysis	8270C		2	27348	10/11/12 20:53	WS	TAL NSH
Total/NA	Analysis	8270C		10	27664	10/12/12 14:16	JS	TAL NSH
Total/NA	Analysis	9056		20	26490	10/09/12 10:29	AC	TAL NSH
Dissolved	Prep	3005A			26762	10/09/12 14:40	NLI	TAL NSH
Dissolved	Analysis	6010B		1	27238	10/10/12 18:18	KJ	TAL NSH
Dissolved	Prep	7470A			26891	10/10/12 07:56	LB	TAL NSH
Dissolved	Analysis	7470A		1	28829	10/17/12 11:07	LB	TAL NSH
Total/NA	Analysis	SM 2540C		1	26060	10/06/12 12:10	NH	TAL NSH

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: EB

Date Collected: 10/03/12 19:35

Date Received: 10/05/12 08:30

Lab Sample ID: 490-8500-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	27256	10/11/12 13:28	EL	TAL NSH
Total/NA	Prep	3510C			26640	10/09/12 11:01	RH	TAL NSH
Total/NA	Analysis	8270C		1	27348	10/11/12 21:13	WS	TAL NSH
Total/NA	Analysis	9056		1	26490	10/09/12 10:49	AC	TAL NSH
Dissolved	Prep	3005A			26762	10/09/12 14:40	NLI	TAL NSH
Dissolved	Analysis	6010B		1	27238	10/10/12 18:21	KJ	TAL NSH
Dissolved	Prep	7470A			26891	10/10/12 07:56	LB	TAL NSH
Dissolved	Analysis	7470A		1	28829	10/17/12 11:14	LB	TAL NSH
Total/NA	Analysis	SM 2540C		1	26061	10/09/12 10:23	DM	TAL NSH
Total/NA	Analysis	SM 2320B		1	28322	10/13/12 13:02	NH	TAL NSH

Client Sample ID: FB

Date Collected: 10/03/12 19:45

Date Received: 10/05/12 08:30

Lab Sample ID: 490-8500-18

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	27256	10/11/12 14:50	EL	TAL NSH
Total/NA	Prep	3510C			26640	10/09/12 11:01	RH	TAL NSH
Total/NA	Analysis	8270C		1	27348	10/11/12 21:33	WS	TAL NSH
Total/NA	Analysis	9056		1	26490	10/09/12 11:09	AC	TAL NSH
Dissolved	Prep	3005A			26762	10/09/12 14:40	NLI	TAL NSH
Dissolved	Analysis	6010B		1	27238	10/10/12 18:24	KJ	TAL NSH
Dissolved	Prep	7470A			26891	10/10/12 07:56	LB	TAL NSH
Dissolved	Analysis	7470A		1	28829	10/17/12 11:16	LB	TAL NSH
Total/NA	Analysis	SM 2540C		1	26061	10/09/12 10:23	DM	TAL NSH
Total/NA	Analysis	SM 2320B		1	28322	10/13/12 13:06	NH	TAL NSH

Client Sample ID: Trip Blank1

Date Collected: 10/03/12 00:01

Date Received: 10/05/12 08:30

Lab Sample ID: 490-8500-19

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26944	10/10/12 17:22	EL	TAL NSH

Client Sample ID: Trip Blank2

Date Collected: 10/03/12 00:01

Date Received: 10/05/12 08:30

Lab Sample ID: 490-8500-20

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26944	10/10/12 17:49	EL	TAL NSH

Lab Chronicle

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Client Sample ID: Trip Blank3

Lab Sample ID: 490-8500-21

Date Collected: 10/03/12 00:01

Matrix: Water

Date Received: 10/05/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26944	10/10/12 18:16	EL	TAL NSH

Client Sample ID: Trip Blank4

Lab Sample ID: 490-8500-22

Date Collected: 10/03/12 00:01

Matrix: Water

Date Received: 10/05/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26944	10/10/12 18:43	EL	TAL NSH

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Method Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL NSH
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL NSH
9056	Anions, Ion Chromatography	SW846	TAL NSH
6010B	Metals (ICP)	SW846	TAL NSH
7470A	Mercury (CVAA)	SW846	TAL NSH
SM 2320B	Alkalinity	SM	TAL NSH
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL NSH

Protocol References:

SM = "Standard Methods For The Examination Of Water And Wastewater",

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

1

Certification Summary

Client: Groundwater & Environmental Services Inc
Project/Site: Gladiola Station

TestAmerica Job ID: 490-8500-1

Laboratory: TestAmerica Nashville

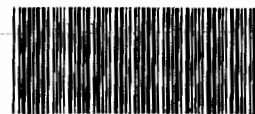
All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
	ACIL		393	10-30-12
A2LA	ISO/IEC 17025		0453.07	12-31-13
Alabama	State Program	4	41150	05-31-13
Alaska (UST)	State Program	10	UST-087	07-24-13
Arizona	State Program	9	AZ0473	05-05-13
Arkansas DEQ	State Program	6	88-0737	04-25-13
California	NELAC	9	1168CA	10-31-12
Canadian Assoc Lab Accred (CALA)	Canada		3744	03-08-14
Colorado	State Program	8	N/A	02-28-13
Connecticut	State Program	1	PH-0220	12-31-13
Florida	NELAC	4	E87358	06-30-13
Illinois	NELAC	5	200010	12-09-12
Iowa	State Program	7	131	05-01-14
Kansas	NELAC	7	E-10229	10-31-12
Kentucky	State Program	4	90038	12-31-12
Kentucky (UST)	State Program	4	19	09-15-13
Louisiana	NELAC	6	LA110014	12-31-12
Louisiana	NELAC	6	30613	06-30-13
Maryland	State Program	3	316	03-31-13
Massachusetts	State Program	1	M-TN032	06-30-13
Minnesota	NELAC	5	047-999-345	12-31-12
Mississippi	State Program	4	N/A	06-30-13
Montana (UST)	State Program	8	NA	01-01-15
Nevada	State Program	9	TN00032	07-31-13
New Hampshire	NELAC	1	2963	10-09-13
New Jersey	NELAC	2	TN965	06-30-13
New York	NELAC	2	11342	04-01-13
North Carolina DENR	State Program	4	387	12-31-12
North Dakota	State Program	8	R-146	06-30-13
Ohio VAP	State Program	5	CL0033	01-19-14
Oklahoma	State Program	6	9412	08-31-13
Oregon	NELAC	10	TN200001	04-30-13
Pennsylvania	NELAC	3	68-00585	06-30-13
Rhode Island	State Program	1	LAO00268	12-30-12
South Carolina	State Program	4	84009 (001)	02-28-13
South Carolina	State Program	4	84009 (002)	02-23-14
Tennessee	State Program	4	2008	02-23-14
Texas	NELAC	6	T104704077-09-TX	08-31-13
USDA	Federal		S-48469	11-02-13
Utah	NELAC	8	TAN	06-30-13
Virginia	NELAC	3	460152	06-14-13
Washington	State Program	10	C789	07-19-13
West Virginia DEP	State Program	3	219	02-28-13
Wisconsin	State Program	5	998020430	08-31-13
Wyoming (UST)	A2LA	8	453.07	12-31-13

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT FORM



490-8500 Chain of

Cooler Received/Opened On 10/05/2012 @ 0830

1. Tracking # 5735 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 97310186

2. Temperature of rep. sample or temp blank when opened: 4.6 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA

4. Were custody seals on outside of cooler? YES NO NA

If yes, how many and where: one front

5. Were the seals intact, signed, and dated correctly? YES NO NA

6. Were custody papers inside cooler? YES NO NA

I certify that I opened the cooler and answered questions 1-6 (Initial) DA

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # 4

I certify that I unloaded the cooler and answered questions 7-14 (Initial) N

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (Initial) D

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (Initial) N

I certify that I attached a label with the unique LIMS number to each container (Initial) D

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...NA

ice has oil layer 15711

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT FORM

Loc: 490
8500

Cooler Received/Opened On 10/05/2012 @ 0830

33 Inc

1. Tracking # 5780 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 17960358

2. Temperature of rep. sample or temp blank when opened: 2.3 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 1 front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES NO...NA

I certify that I opened the cooler and answered questions 1-6 (Initial) EA

7. Were custody seals on containers: YES NO and intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry Ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES NO...NA

14. Was there a Trip Blank in this cooler? YES NO...NA If multiple coolers, sequence # NA

I certify that I unloaded the cooler and answered questions 7-14 (Initial) EA

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (Initial) 0

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (Initial) EA

I certify that I attached a label with the unique LIMS number to each container (Initial) EA

21. Were there Non-Conformance issues at login? YES NO Was a PIPE generated? YES NO...#

COOLER RECEIPT FORM

es Inc

Cooler Received/Opened On 10/05/2012 @ 0830

1. Tracking # 5779 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 97310166

2. Temperature of rep. sample or temp blank when opened: 0.7 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA

4. Were custody seals on outside of cooler? YES NO NA

If yes, how many and where: one front

5. Were the seals intact, signed, and dated correctly? YES NO NA

6. Were custody papers inside cooler? YES NO NA

I certify that I opened the cooler and answered questions 1-6 (Initial) DA

7. Were custody seals on containers: YES NO and intact YES NO NA

Were these signed and dated correctly? YES NO NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES NO NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES NO NA

12. Did all container labels and tags agree with custody papers? YES NO NA

13a. Were VOA vials received? YES NO NA

b. Was there any observable headspace present in any VOA vial? YES NO NA

14. Was there a Trip Blank in this cooler? YES NO NA If multiple coolers, sequence # MT

I certify that I unloaded the cooler and answered questions 7-14 (Initial) B

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES NO NA

b. Did the bottle labels indicate that the correct preservatives were used YES NO NA

16. Was residual chlorine present? YES NO NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (Initial) D

17. Were custody papers properly filled out (Ink, signed, etc)? YES NO NA

18. Did you sign the custody papers in the appropriate place? YES NO NA

19. Were correct containers used for the analysis requested? YES NO NA

20. Was sufficient amount of sample sent in each container? YES NO NA

I certify that I entered this project into LIMS and answered questions 17-20 (Initial) A

I certify that I attached a label with the unique LIMS number to each container (Initial) A

21. Were there Non-Conformance Issues at login? YES NO Was a PIPE generated? YES NO #

COOLER RECEIPT FORM

Loc: 490
8500

Cooler Received/Opened On 10/05/2012 @ 0830

1. Tracking # 5746 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 17610176

2. Temperature of rep. sample or temp blank when opened: 0.5 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 1 Front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (Initial) JH

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry Ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # 3

I certify that I unloaded the cooler and answered questions 7-14 (Initial) D

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (Initial) D

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (Initial) J

I certify that I attached a label with the unique LIMS number to each container (Initial)

21. Were there Non-Conformance Issues at login? YES...NO Was a PIPE generated? YES...NO...#

COOLER RECEIPT FORM

Loc: 490
8500

Cooler Received/Opened On 10/05/2012 @ 0830

Es Inc

1. Tracking # 5757 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 94660220

2. Temperature of rep. sample or temp blank when opened: 3.9 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 0 Front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (Initial) MD

7. Were custody seals on containers: YES NO and intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # 2

I certify that I unloaded the cooler and answered questions 7-14 (Initial) MD

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (Initial) MD

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (Initial) MD

I certify that I attached a label with the unique LIMS number to each container (Initial) MD

21. Were there Non-Conformance Issues at login? YES...NO Was a PIPE generated? YES...NO...#

COOLER RECEIPT FORM

Loc: 490
8500

Cooler Received/Opened On 10/05/2012 @ 0830

1. Tracking # 5708 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 17810176

2. Temperature of rep. sample or temp blank when opened: 1.1 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 1 Front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES NO...NA

I certify that I opened the cooler and answered questions 1-6 (Initial) JH

7. Were custody seals on containers: YES NO and intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry Ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # 1

I certify that I unloaded the cooler and answered questions 7-14 (Initial) JD

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (Initial) JD

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (Initial) JD

I certify that I attached a label with the unique LIMS number to each container (Initial) JD

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...#

Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 490-8500-1

Login Number: 8500

List Source: TestAmerica Nashville

List Number: 1

Creator: Buckingham, Paul

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

Login Sample Receipt Checklist

Client: Groundwater & Environmental Services Inc

Job Number: 490-8500-1

Login Number: 8500

List Source: TestAmerica Nashville

List Number: 1

Creator: Buckingham, Paul

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

APPENDIX F

LNAPL Laboratory Analytical Packages

PTS File No: 42537
Client: GES, Inc.
Project Name: Gladiola
Project No: 3692322
Date: August 14, 2012



Hydrocarbon Characterization

Introduction

Two NAPL samples from the subject area were received for hydrocarbon characterization. The samples are identified as MW-2 and MW-13. Questions posed were about the general chemical (hydrocarbon) character of the fluids and their similarity to one another.

Conclusions

The two samples appear to represent non-degraded (reasonably fresh), crude oils. The oils are moderately paraffinic, mature, and probably of 35-40° API gravities. The basis for suggesting the samples are of relatively recent origin is their content of at least 30% of light gasoline fraction ($C_4 - C_9$). The two samples are quite similar in overall hydrocarbon make up. However, they are not from the same single source. The specific hydrocarbon fingerprints indicate they originated from separate oil field reservoirs or have been mixed – i.e. they represent more than one single producing reservoir. The MW-13 may have suffered a small amount of weathering in that its light gasoline content is a bit lower than MW-2 and it has only a trace of toluene in contrast to a significant presence seen in MW-2. Toluene is relative soluble in water and fairly susceptible to loss from water washing in the subsurface environment. However, in spite of these facts the other differences seen in the specific hydrocarbon fingerprints could not be explained by weathering or water dissolution, or degradation by bacterial action.

Analyses and Discussion

The samples were analyzed by OILPRINT™ to obtain detailed information on the hydrocarbon composition of the $C_2 - C_{34}$ fractions. The data are presented in Figures 1 thru 4 and Tables 1 and 2. Figures 1 and 2 are reduced scale copies of the chromatograms with some peak identities added. Visual examination of the chromatographic profiles reveals the very similar distribution of hydrocarbon peaks.

Table 1 contains values for selected hydrocarbon ratios obtained from the chromatograms. Peak numbers are assigned sequentially with $C_2 = 2$, $C_8 = 30$, $C_{10} = 78$ out to $C_{34} = 448$. Such hydrocarbon ratio sequences can be thought of as a "fingerprint". Any specific oil reservoir will have distinct hydrocarbon composition. Figure 3 is a polar plot (star diagram) based on some of the data in Table 1. It allows visual comparison of the differences between MW-2 and MW-13 hydrocarbon composition. The differences are substantial and result from different geologic history or artificial mixing in the subsurface environment. Figure 4 contains the data for the original analysis of MW-13 and a re-run done two days later on MW-13. It provides a basis or measure of the chromatographic reproducibility. Table 2 contains percentage values of carbon number fractions. This is based on area data from the chromatograms where peak size is directly proportional to concentration. The results can be considered as similar to a simulated distillation. A brief study of the results again shows the two NAPLs are different. However, in this instance some of the differences could be related to factors related to history in the subsurface environment.

L.W. Slentz

PTS File No: 42537
 Client: GES, Inc.
 Project Name: Gladiola
 Project No: 3692322
 Date: August 14, 2012



Table 1
Oil (NAPL) Composition by Hydrocarbon Ratios

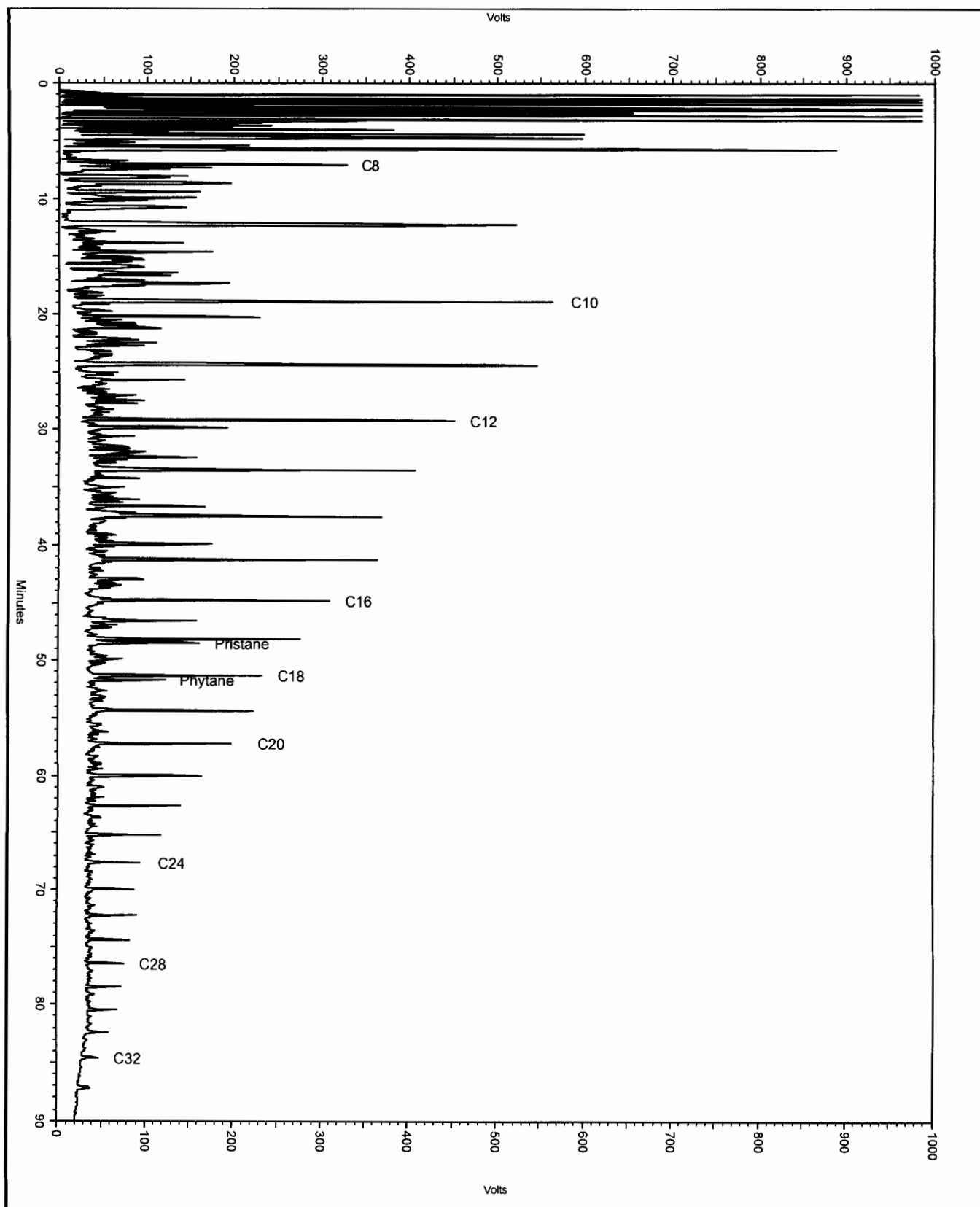
		Hydrocarbon Ratios by Peak Numbers																					
Run #	Sample ID	25 22	31 32	36 39	50 30	59 58	71 66	87 70	83 78	88 88	85 90	97 93	111 117	115 122	128 127	145 148	150 151	155 156	180 196	185 178	240 268	309 306	375 376
488	MW-2	2.64	1.38	1.22	1.60	1.17	1.47	1.33	1.07	1.28	2.10	1.00	1.11	1.90	1.50	2.59	1.87	1.35	1.30	1.30	1.45	1.11	1.63
487	MW-13	3.06	1.70	1.76	1.23	1.70	1.84	1.44	0.90	1.47	1.83	1.26	1.42	1.84	1.41	1.95	1.65	0.96	1.51	1.15	1.46	1.32	1.09
490	MW-13 Re-Run	3.08	1.71	1.77	1.20	1.71	1.85	1.40	0.88	1.46	1.85	1.28	1.40	1.85	1.44	1.89	1.57	0.95	1.50	1.17	1.45	1.33	1.07

Table 2
Hydrocarbon Characterization by Distillation Fractions

Run #	Sample ID	Percentages by Carbon Number									
		C ₂	C ₇	C ₉	C ₁₁	C ₁₃	C ₁₅	C ₁₇	C ₂₀	C ₂₄	C ₂₈
		- C ₇	- C ₉	- C ₁₁	- C ₁₃	- C ₁₅	- C ₁₇	- C ₂₀	- C ₂₄	- C ₂₈	- C ₃₄
488	MW-2	11.6	24.7	18.6	13.1	10.2	7.1	6.9	4.7	1.0	2.2
487	MW-13	10.6	19.0	14.8	11.3	9.4	7.3	8.3	9.1	3.8	6.4

PTS File No.: 42537
Sample ID: MW-2_488

FIGURE 1



PTS File No.: 42537
Sample ID: MW-13_487

FIGURE 2

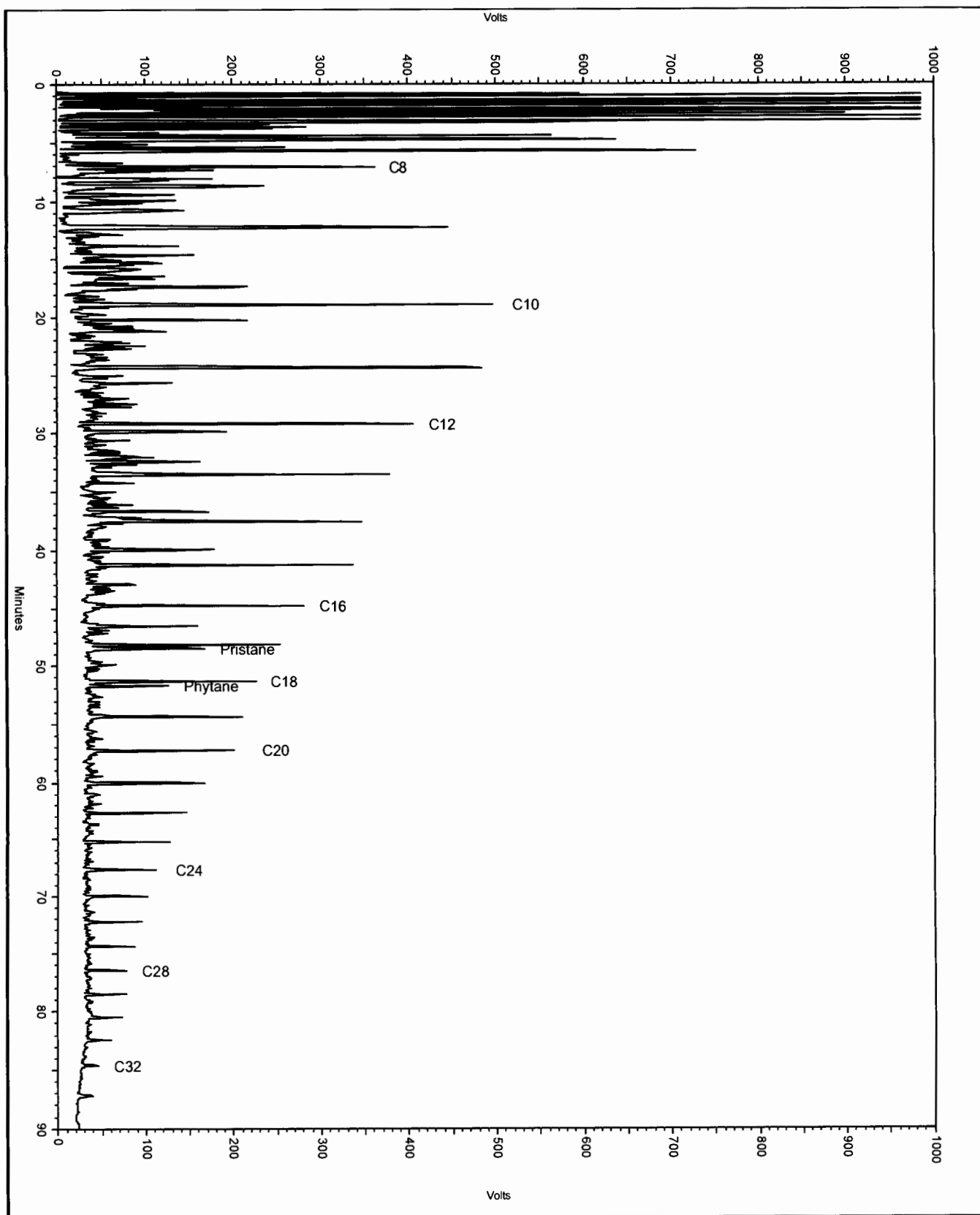


Figure 3 - Polar Plot

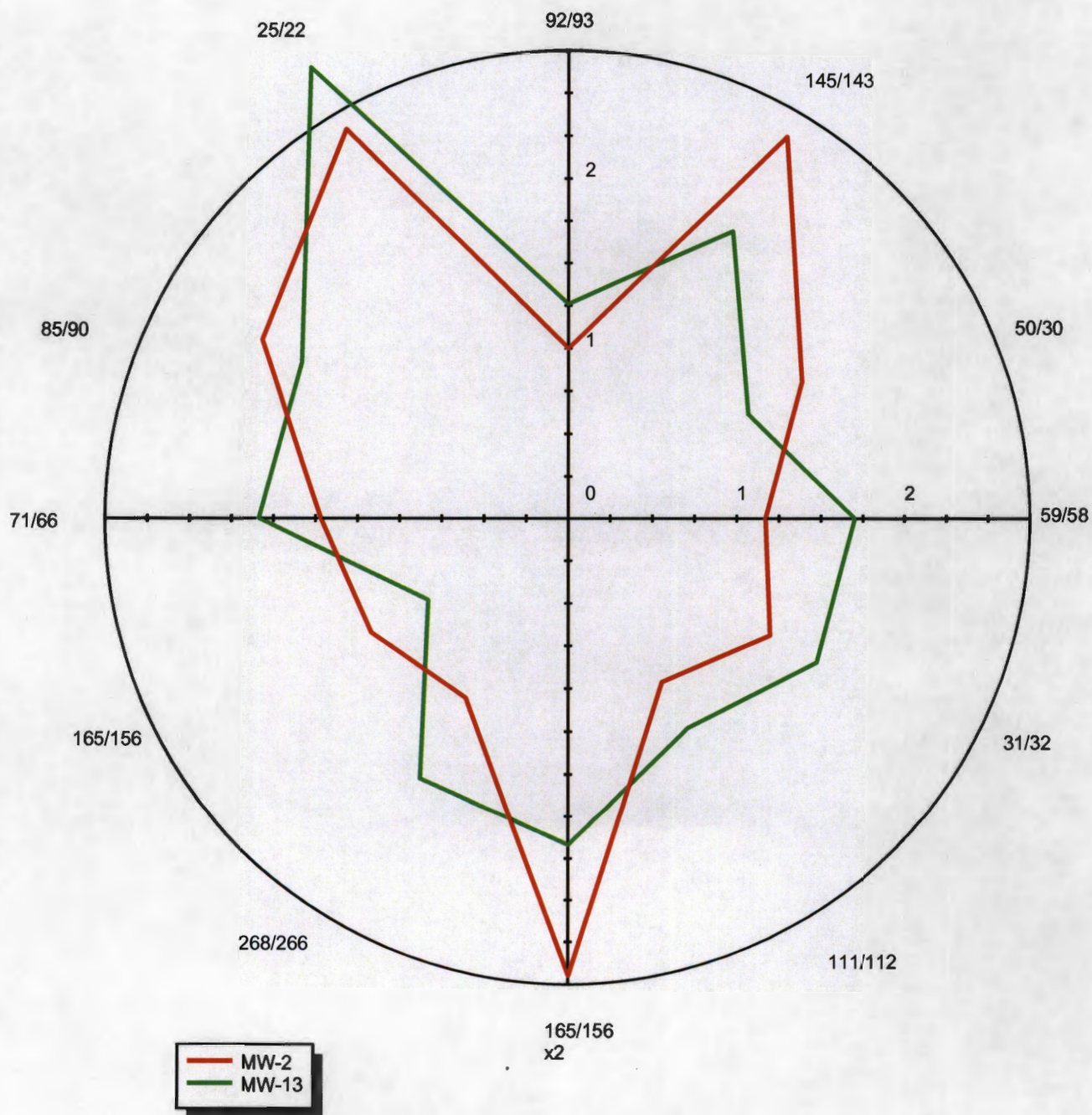
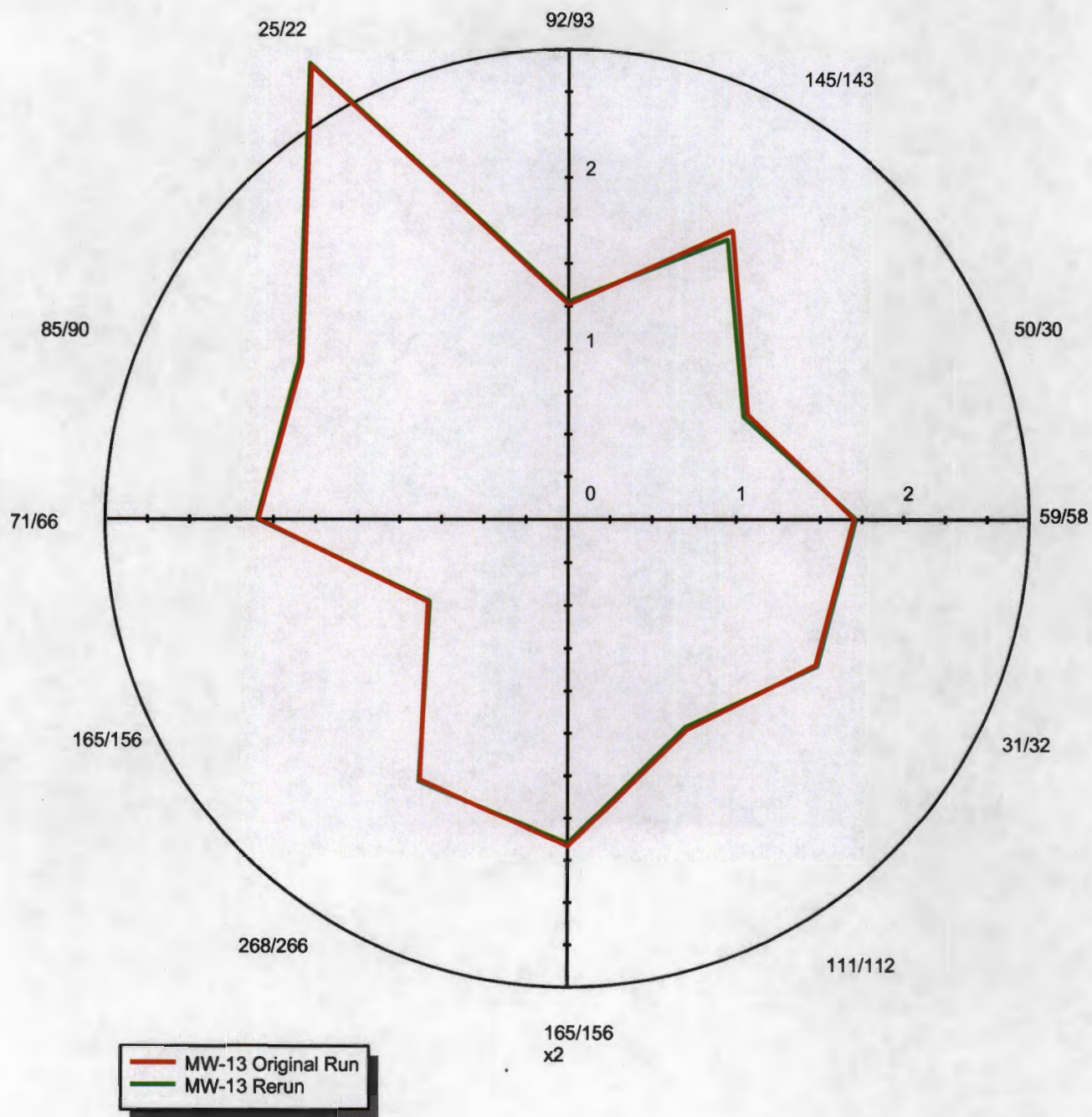


Figure 4 - Polar Plot for Reproducibility



PTS File No: 42777
Client: GES, Inc.
Project Name: Gladiola
Project No: 3692322
Date: November 13, 2012



Hydrocarbon Characterization

Introduction

A suite of five NAPL samples were received for hydrocarbon analysis. The samples were identified as MW-1, MW-2, MW-13, MW-18, and MW-25. The client also indicated that it would be useful to compare the data with that obtained under an earlier study completed in August 2012, PTS File No. 42537 (MW-2 run number 488 and MW-13 run number 487).

Conclusions

All samples except MW-1 represent derivation from non-degraded and unweathered (reasonably fresh) crude oils. These oils are moderately paraffinic, mature, & probably have gravities of 30 to 35 °API. Within this group MW-13, MW-18 and MW-25 are all from the same source but MW-2 is from a different source, i.e. a different crude oil or mix of crude oils. The differences between MW-2 and MW-13, MW-18, MW-25 cannot be attributed to alteration related to degradation in the subsurface environment.

MW-1 has striking differences when compared to the other four NAPLs. It has little gasoline fraction $C_2 - C_{10}$ some of which may have been lost during collection, or later in shipping and handling. The normal paraffin content is markedly reduced to about half the relative concentration seen in the other NAPLs. This is likely related to bacterial degradation. MW-1 also has a much lower concentration of the heavier fraction $C_{22} - C_{34}$. This character, along with the other features described, suggest it may be a mix of degraded diesel and a small amount of a regular unaltered crude oil. The degraded nature of MW-1 indicates different origin and longer time spent in the subsurface environment.

Analyses and Discussion

The samples were analyzed by OILPRINT™ to provide information on the detailed hydrocarbon composition of the $C_2 - C_{34}$ fraction. It was not necessary to re-analyze the MW-2 run number 488 and MW-13 run number 487 samples processed earlier. Visual comparison of the detailed chromatograms revealed no significant differences between the duplicate samples analyzed in August and November.

The chromatographic data are presented in Figures 1 thru 10 and Tables 1 and 2. Figures 1 thru 6 are reduced scale copies of the chromatograms with some peak identities added. A simple visual comparison of the six figures reveals the very marked differences between MW-1 and the other NAPLs. Tables 1 and 2 contain values of selected hydrocarbon ratios. These are obtained from the chromatograms where peak height is directly proportional to concentration. Peak numbers are assigned sequentially from $C_2 = 1$, $C_8 = 30$, $C_{10} = 78$ out to $C_{34} = 448$.

Figures 7 thru 10 are polar plots based on some of the ratios in Tables 1 and 2. Figure 7, based on Table 1 values, presents the plots for the two MW-2 and the two MW-13 samples taken in August and November. The correlation between each pair is very close and the distinct difference between the two pairs is obvious. Thus the conclusion that there are two sources for the two oils, MW-2 and MW-13. The remainder of the polar plots are constructed using data from Table 2. Figure 8 is a comparison of the same two oils, MW-2 and MW-13 using somewhat different ratios from the November study. Figure 9 shows the very close compositional similarity between MW-13, MW-18, and MW-25 with each

PTS File No: 42777
Client: GES, Inc.
Project Name: Gladiola
Project No: 3692322
Date: November 13, 2012

Hydrocarbon Characterization

point showing the maximum range among the three NAPLs. Figure 10, as well as the other data in Table 2, reveals the large dis-similarities between MW-1 and MW-2.

L.W. Slentz

PTS File No: 42777
 Client: GES, Inc.
 Project Name: Gladiola
 Project No: 3692322
 Date: November 13, 2012



Table 1
Oil Composition by Hydrocarbon Ratios

Run #	Sample ID	Hydrocarbon Ratios											
		<u>22</u> 23	<u>30</u> 29	<u>36</u> 37	<u>39</u> 41	<u>43</u> 44	<u>72</u> 73	<u>79</u> 82	<u>111</u> 113	<u>165</u> 157	<u>184</u> 177	<u>187</u> 204	<u>310</u> 303
488	MW-2 20120807	3.18	3.64	1.38	1.22	1.54	2.15	1.07	1.11	1.35	0.85	2.30	1.30
514	MW-2 20121105	3.40	3.98	1.36	1.25	1.60	2.07	1.19	1.10	1.32	0.91	2.25	1.27
487	MW-13 20120807	0.20	2.75	1.70	1.76	1.41	2.55	0.93	1.42	0.96	1.15	2.08	1.70
516	MW-13 20121106	0.10	2.68	1.62	1.75	1.39	2.48	0.98	1.40	1.00	1.16	2.09	1.71

Table 2
Oil Composition by Hydrocarbon Ratios

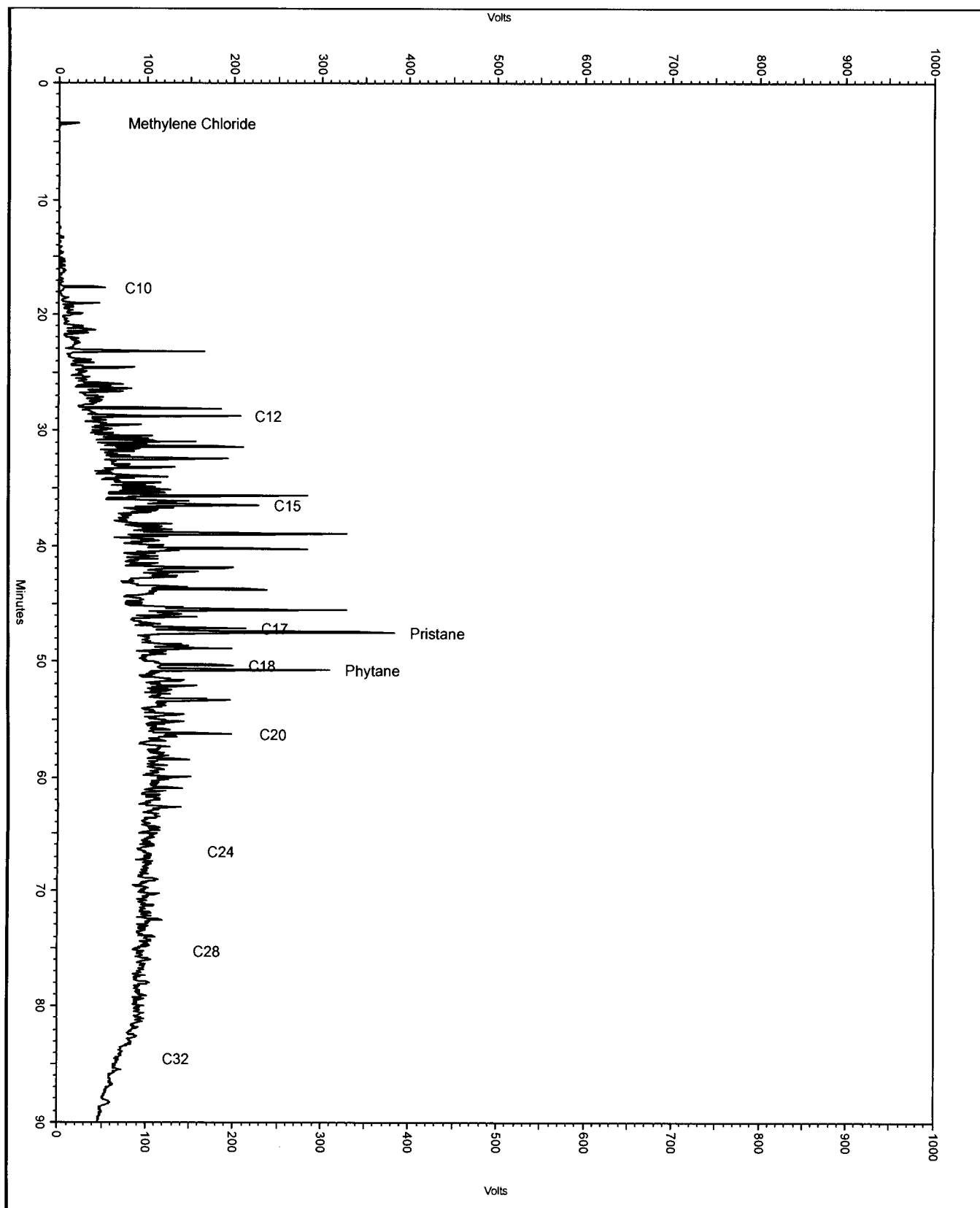
Run #	Sample ID	Hydrocarbon Ratios													
		<u>22</u> 23	<u>30</u> 29	<u>36</u> 37	<u>39</u> 41	<u>43</u> 44	<u>63</u> 62	<u>72</u> 73	<u>79</u> 82	<u>87</u> 85	<u>91</u> 93	<u>111</u> 113	<u>133</u> 136	<u>141</u> 143	<u>155</u> 153
521	MW-1	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	1.00	0.90	2.15	0.81
514	MW-2 20121105	3.10	3.98	1.36	1.23	1.60	1.11	2.07	1.19	1.13	1.20	1.10	2.50	2.31	1.00
516	MW-13 20121106	0.10	2.68	1.62	1.75	1.39	1.69	2.48	0.98	1.33	1.75	1.40	2.44	1.76	1.39
517	MW-18	0.08	2.35	1.64	1.70	1.17	1.60	2.34	1.03	1.35	1.69	1.35	2.07	1.70	1.43
518	MW-25	0.72	2.57	1.63	1.87	1.14	1.83	2.43	0.98	1.33	1.85	1.34	1.78	1.74	1.45

N/D = No Data

Run #	Sample ID	Hydrocarbon Ratios												
		<u>159</u> 158	<u>154</u> 161	<u>179</u> 181	<u>189</u> 191	<u>200</u> 202	<u>187</u> 204	<u>221</u> 217	<u>226</u> 224	<u>246</u> 248	<u>258</u> 261	<u>276</u> 278	<u>297</u> 292	<u>310</u> 303
521	MW-1	1.50	1.12	1.09	1.17	1.03	0.65	2.79	1.17	0.49	1.75	1.08	2.00	1.56
514	MW-2 20121105	1.43	0.34	1.39	1.20	1.39	2.25	3.33	0.82	1.89	1.00	1.82	6.21	1.27
516	MW-13 20121106	1.68	0.39	1.42	1.36	1.36	2.09	2.63	0.83	1.64	1.04	1.48	6.50	1.71
517	MW-18	1.68	0.41	1.42	1.36	1.27	1.95	2.69	0.83	1.57	1.01	1.53	6.41	1.75
518	MW-25	1.68	0.44	1.46	1.36	1.26	1.89	2.64	0.86	1.48	1.03	1.43	5.28	1.69

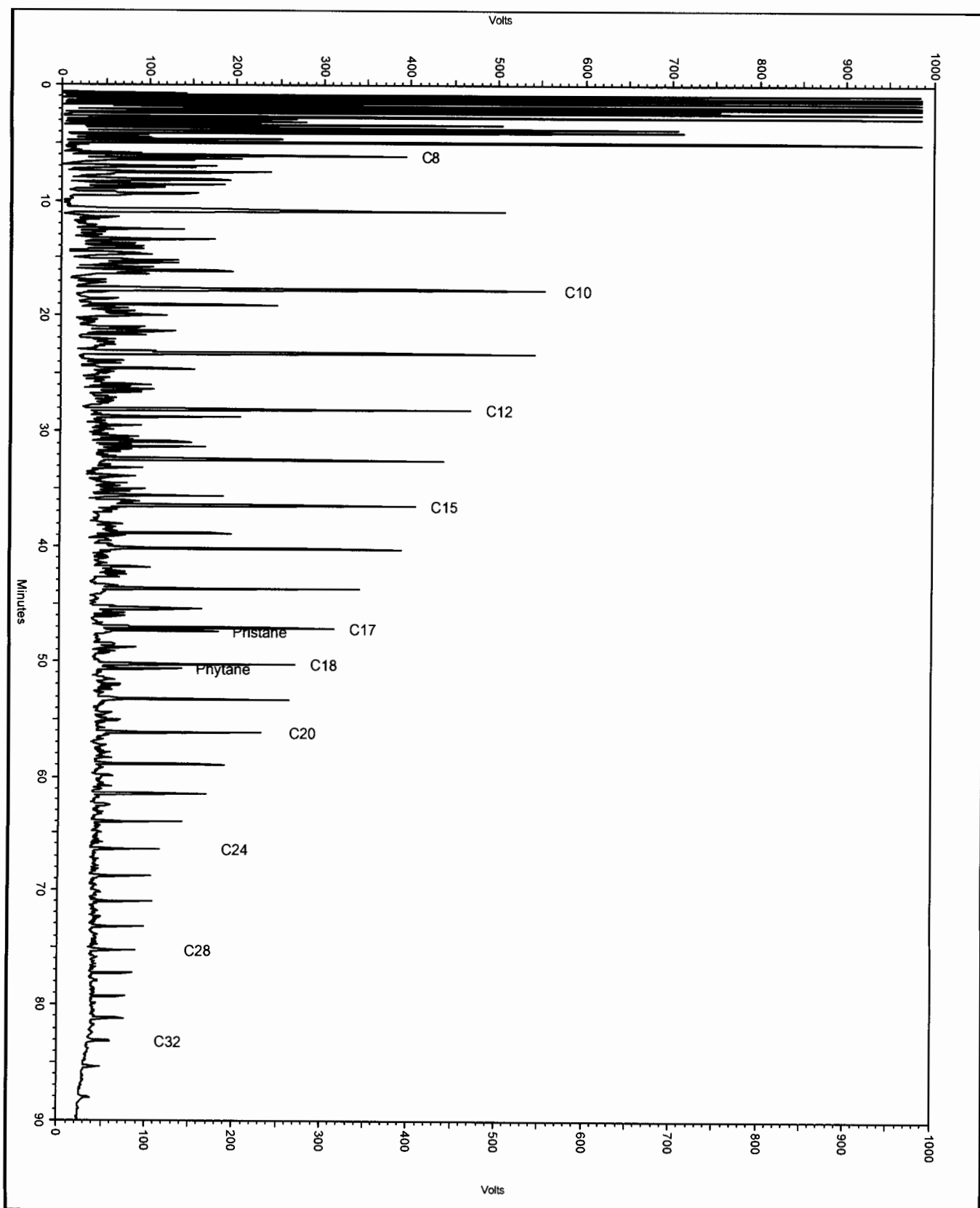
PTS File No.: 42777
Sample ID: MW-1_521

FIGURE 1



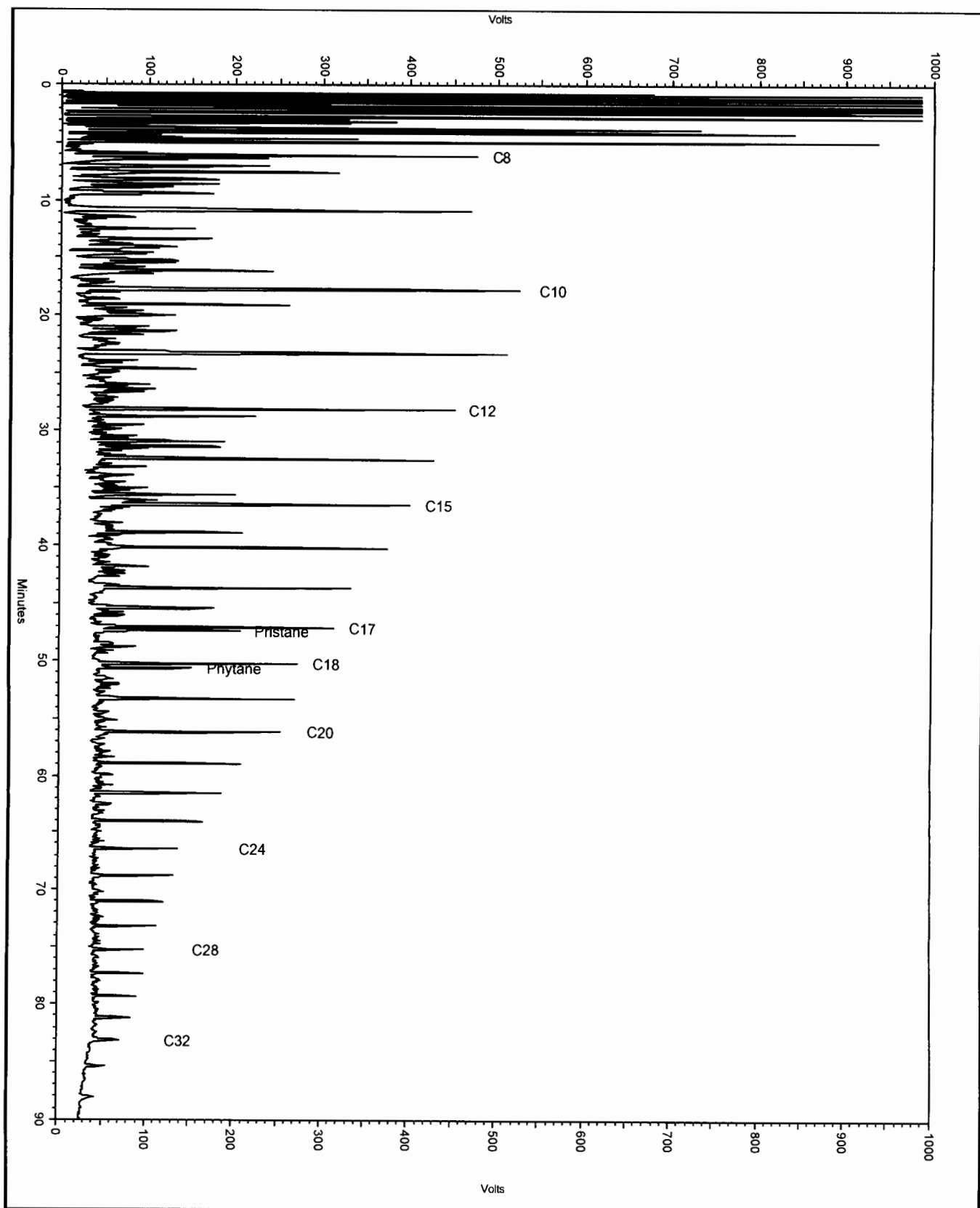
PTS File No.: 42777
Sample ID: MW-2_514

FIGURE 2



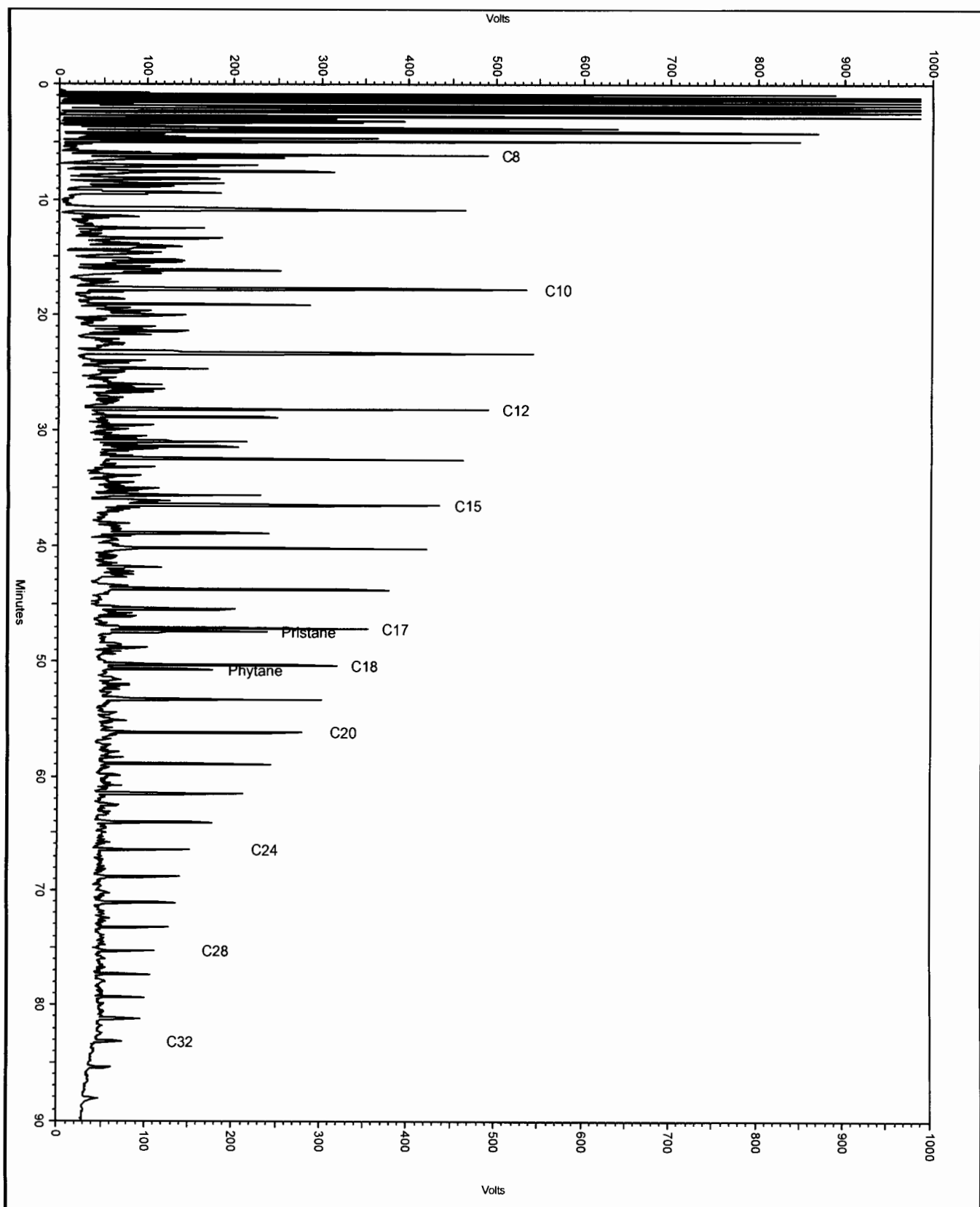
PTS File No.: 42777
Sample ID: MW-13_516

FIGURE 3



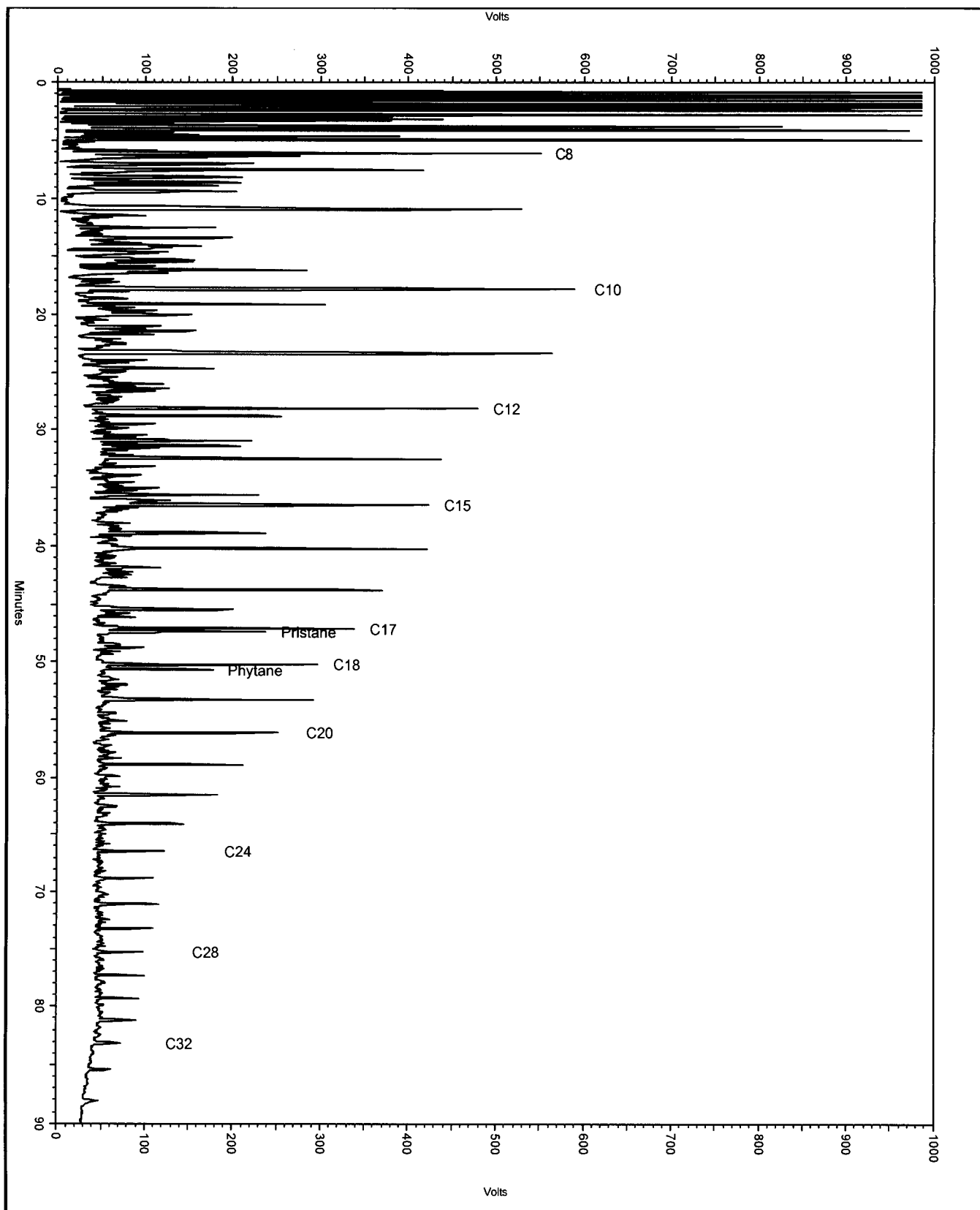
PTS File No.: 42777
Sample ID: MW-18_517

FIGURE 4



PTS File No.: 42777
Sample ID: MW-25_518

FIGURE 5



PTS File No.: 42537 (Previous Run 20120807)
Sample ID: MW-2_488

FIGURE 6

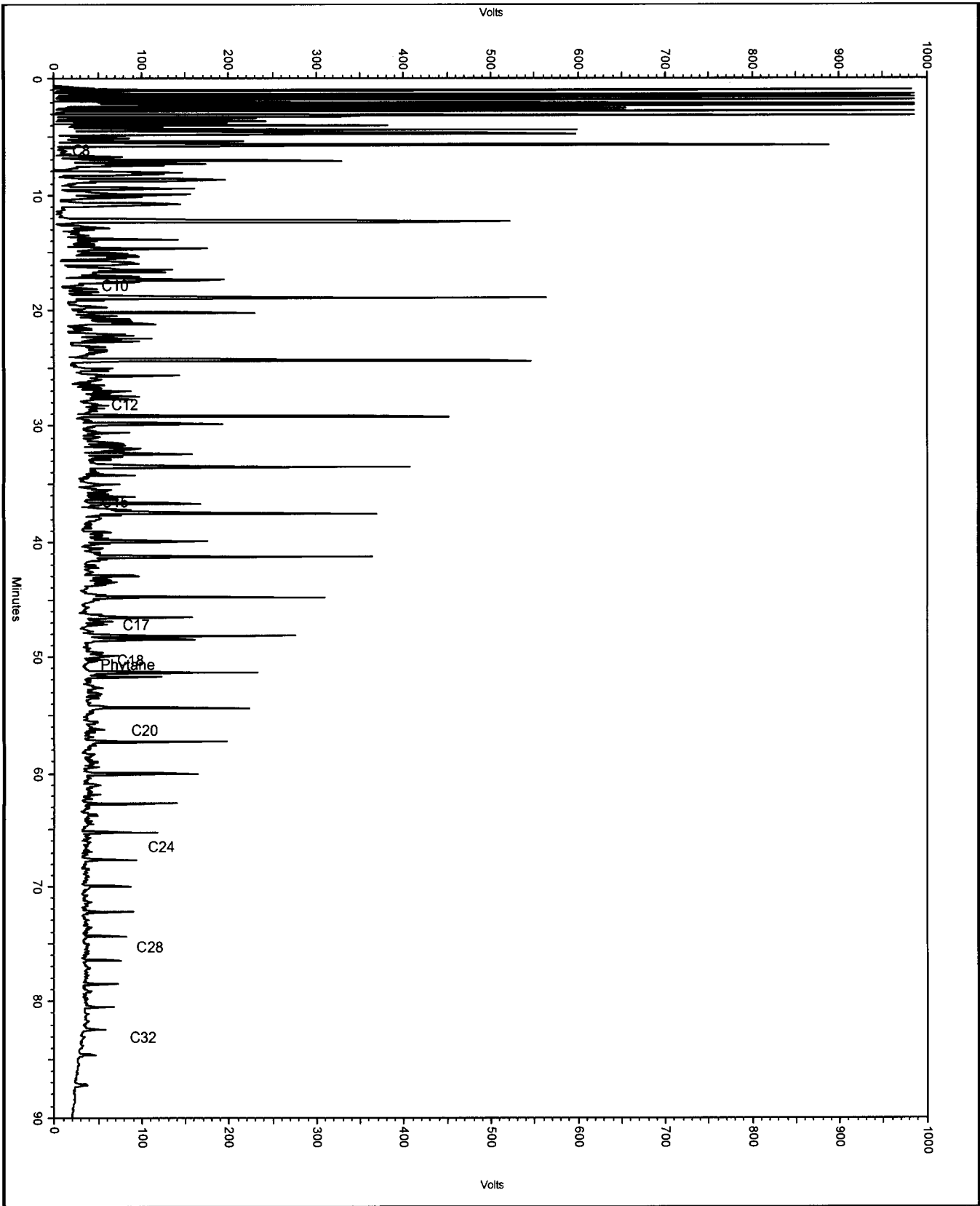
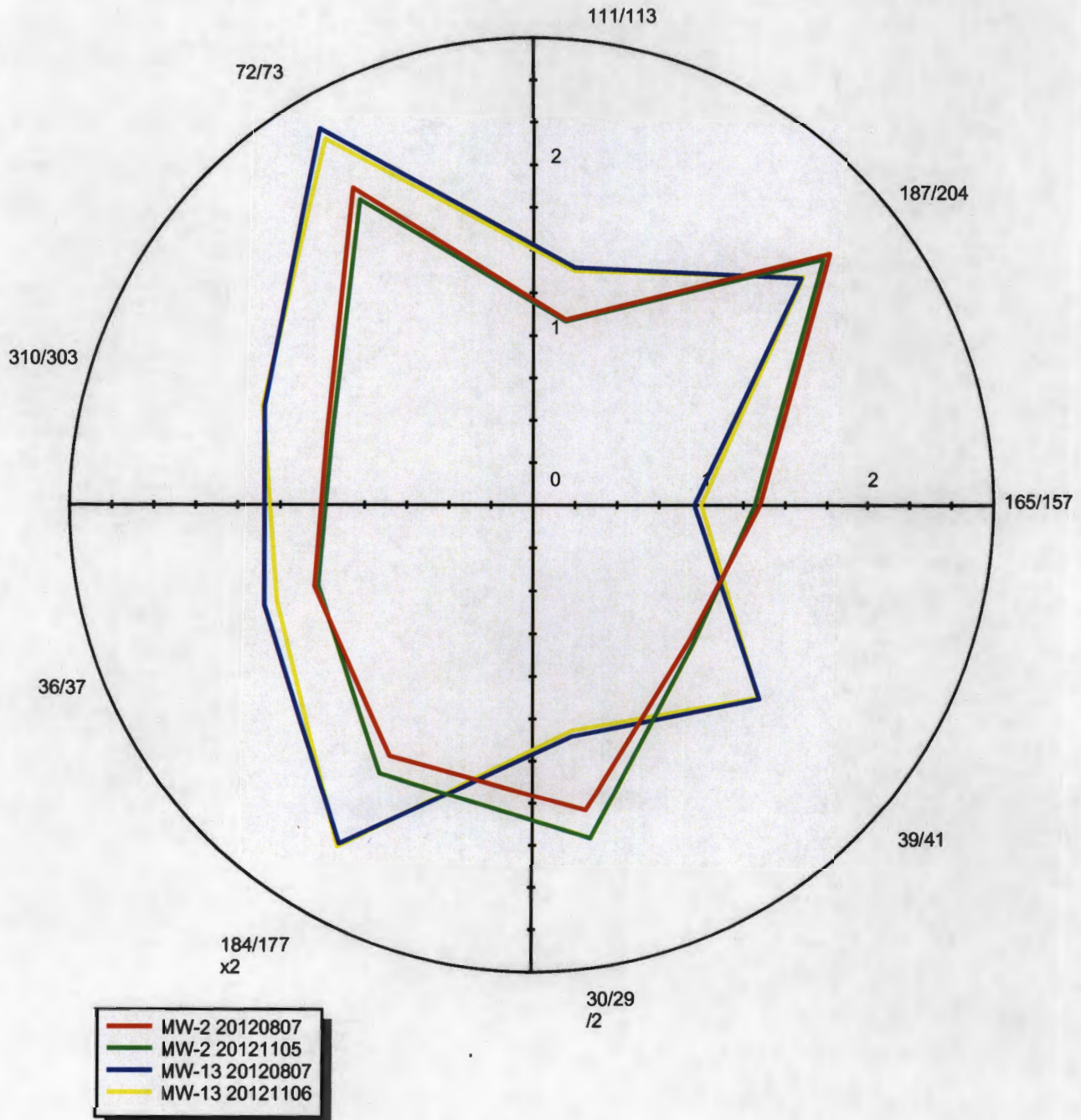


Figure 7



[illegible]

APPENDIX G

Waste Manifests

CUSTOMER CONTACT
Ryan Carroll
PHONE NUMBER
888-540-0804 ext. 3226 or 281-905-6931
SITE NUMBER NAME AND ADDRESS

Exxonmobil

Tatum, NM.

VHL JUV
Pup 11/16/11 - Wed.
11-16-11

NUMBER 279492

PAGE OF
CALL PROBLEM ORDER
TYPE CODE ORIGIN

PRIORITY

P.O. NUMBER

ASSIGNED TECH **Brant**

ROUTE

CALL WAS TAKEN ON 11/10/11 AT PM

PROBLEM SYNOPSIS, AS REPORTED

M/A NUMBER

PROMISE DATE, TIME

RECEIVED
NOV 21 2011
BY: **EP**

VEHICLE NO.	TRAILER NO.	UPTIME UNIT NO.	TT	TM	ARRIVE DATE	ARRIVE TIME	CLOSE DATE	CLOSE TIME	JOB COMPLETE	NO
961264	1A	349251	3412am	56+	11-16-11	2:24	11-16-11	2:46	YES	85
COLONGA oily water 6001										
M-VAC PARTS										
M-energy subs										
Shipping Description										
non DOT Regulated oily water										
GLYCOL pH										
BRIX SNIFFER C-D-T										
SERIAL #										
# CONT										
TYPE										

Reuse Qualification Statement
I, the undersigned, hereby certify that I understand the used FCC Environmental, LLC degreasing fluid (i.e. Mineral spirits, petroleum naphtha) returned to FCC Environmental, LLC for inclusion in the FCC Environmental, LLC Reuse program will be utilized as an effective substitute for chemical product. For the purpose of qualifying to participate in the program, I further certify that I have used degreasing fluid so returned to FCC Environmental, LLC has not been mixed with hazardous waste or other objectionable substances.
If constituents that may be present in the degreasing fluid are contaminants resulting from, and incidental to, normal use of the solvent as a degreaser or cleaner, I have reviewed our physical facilities, administrative practices, and operational procedures and based on this review do willing make this true, accurate and complete certification.

Reuse Solvent QA & QC

Yes ☐ No ☐ Rep Initials _____
 Used solvent passed visual inspection ☐ Light assembly is in good working order ☐
 Used solvent has no unusual odor ☐ L.D. is unobstructed ☐
 Parts Cleaner is clean (front/back) ☐ Parts Cleaner is properly grounded ☐
 Fuelible link operational ☐

Authorization Signature
I am to pay for the above services and/or products and to be bound by the terms and conditions set forth above on the reverse side of this document.

Signature of GES for ExxonMobil
CUSTOMER SIGNATURE / DATE

Initial if Conditionally Exempt Small Quantity Generator as defined in 40 CFR 261.5
Initial if Do-it-yourself collection center

The GENERATOR hereby certifies that the material collected from the GENERATOR'S facility by FCC Environmental, LLC does not contain any PCB's as defined in 40 CFR 761 and is not hazardous waste or a listed or characteristic hazardous waste as defined in 40 CFR 261.11. If the material collected is a used oil as defined in 40 CFR part 279, the GENERATOR certifies that the total halogen content is less than 1,000 ppm, or the GENERATOR hereby certifies that the reusable waste presumption under 40 CFR Part 279 has been rebutted. The GENERATOR will be responsible for any and all cost including, but not limited to, proper disposal, testing, and transportation if the material contains PCB's or is determined to be a hazardous waste. I certify to the best of my knowledge, the information presented herein is correct and accurate, and I am authorized to sign on behalf of the GENERATOR.

Shipping Declaration:
This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Transporter Information:
FCC Environmental, LLC
523 N. Sam Houston Parkway East, Suite 400
Houston, TX 77060
US DOT ID#: 1686621
EPA ID#: TXR000078094

Designated Facility
315 Pronto Street
Odessa, TX 79762
(432) 550-2533
EPA ID#: TXR000015610

EMERGENCY CONTACT CHEMTREC (800) 424-9300
11-16-11
RECEIVED AT PLANT / DATE

ORIGINAL



environmental
520 E. Sam Houston Parkway East, Suite 400, Houston, TX 77060

SPECIAL NOTES

20+ drums full of soil

SERVICE ORDER

NUMBER 352886

CUSTOMER CONTACT
Ryan
617-461-3533
327377
34049102

SITE NUMBER NAME AND ADDRESS

625-Gladstone Station Facility
CALL WAS TAKEN ON 11/22/11 AT 11:21 AM

BY: EP

PAGE OF
CALL TYPE
PROBLEM CODE
ORDER ORIGIN

RECEIVED
JAN 05 2012
BY: [Signature]
P.O. NUMBER

Tatum, NM

PROBLEM SYNOPSIS, AS REPORTED
Solid going to fill
on 11/22/11

ROUTE

MAA NUMBER

PROMISE DATE, TIME

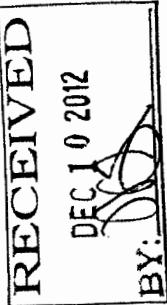
ASSIGNED TECH

VEHICLE NO.	TRAILER NO.	UPTIME UNIT NO.	TI	DATE	TIME	ARRIVE DATE	ARRIVE TIME	CLOSE DATE	CLOSE TIME	JOB COMPLETE
1708012	N/A	111A	1180	12-15-11	10:30	12-15-11	11:00	YES	NO	
PART / DESCRIPTION										
Solido 5005-001411										
18 drums										
non del liquidated solids										
COL 5011255										

CUSTOMER CONTACT WATER ENVIRONMENTAL SVCS

PHONE NUMBER (281) 494-0496

SITE ADDRESS NAME AND ADDRESS
Exxon Mobil - Tatum Site
Gladiola Station
County Road 1169 S of Hwy 380
Tatum, NM 88267



CALL WAS TAKEN ON

AT

BY **RECEIVED**

10/2/2012 9:00

ROUTE

PROBLEM SYNOPSIS, AS REPORTED

MA NUMBER

MA0380365

PROMISE DATE, TIME

VEHICLE NO. 460021 TRAILER NO. UPTIME UNIT NO. 250

ARRIVE DATE 10-3-12 ARRIVE TIME 1430 CLOSE DATE 10-3-12 CLOSE TIME 1500

ST 30 TM 125

SHIPPING DESCRIPTION

UN1993, Flammable Liquids n.o.s., (Gasoline/water mixture), 3, PGII

U/M QUANTITY HM

gal 300

M-ENERGY SURCH

ea 1

M-TRANS

ea 1

GLYCOL PH BRIX SNIFFER C-D-T

TYPE

JOB COMPLETE

NO

GENERATOR UNKNOWN

EPA ID# STATUS

Initial if Conditionally Exempt Small Quantity Generator

as defined in 40 CFR 261.5

Initial if Do-it-yourself collection center

The GENERATOR hereby certifies that the material collected from the GENERATOR'S facility by FCC Environmental, LLC does not contain any PCB's as defined in 40 CFR 761 and is not hazardous waste or been mixed with a listed or characteristic hazardous waste as defined in 40 CFR 261. If the material collected is a used oil as defined in 40 CFR part 279, the GENERATOR certifies that the total halogen content is less than 1,000 ppm, or the GENERATOR hereby certifies that the material waste presumption under 40 CFR Part 279 has been rebutted. The GENERATOR will be responsible for any and all costs including, but not limited to, proper disposal, testing, and transportation if the material contains PCB's or is determined to be a hazardous waste. I certify that to the best of my knowledge, the information presented herein is correct and accurate, and I am authorized to sign on behalf of the GENERATOR.

Shipping Declaration:

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Transporter Information:

FCC Environmental, LLC

523 N. Sam Houston Parkway East, Suite 400 Houston, TX 77060

US DOT ID#: 1688621

EPA ID#: TXR000078094

EMERGENCY CONTACT CHEMTREC (800) 424-9300

DESIGNATED FACILITY

315 Pronto Street

Odeesa, TX 75782

(432) 550-2533

EPA ID#: TXR000015610

RECEIVED AT PLANT / DATE

10-3-12

DRIVER SIGNATURE / DATE

ORIGINAL

LF 070 Rev B

047145

PRINT CUSTOMER NAME

CUSTOMER SIGNATURE / DATE

10/3/12

Dylan Shaw for ExxonMobil

agree to pay for the above services and/or products and to be bound by the terms and conditions set forth above on the reverse side of this document.

Authorization Signature

Used solvent passed visual inspection

Used solvent has no unusual odor

Parts Cleaner is clean (front/back)

Fusible link operational

Light assembly is in good working order

Lid is unobstructed

Parts Cleaner is properly grounded

Rep initials

Yes No

use Solvent QA & QC

ocedures and based on this review to willing make this true, accurate and complete certification.

I, constituent that may be present in the degreasing fluid are contaminants resulting from, and incidental to, normal use the solvent as a degreaser or cleaner. I have reviewed our physical facilities, administrative practices, and operational

arduous waste or other objectionable substances.

rogram, I further certify that any used degreasing fluid so returned to FCC Environmental, LLC has not been mixed with

its, petroleum naphtha) returned to FCC Environmental, LLC for inclusion in the FCC Environmental, LLC Reuse

signing this document, I hereby certify that I understand the used FCC Environmental, LLC degreasing fluid (i.e. Mineral

use Qualification Statement

Figure 8

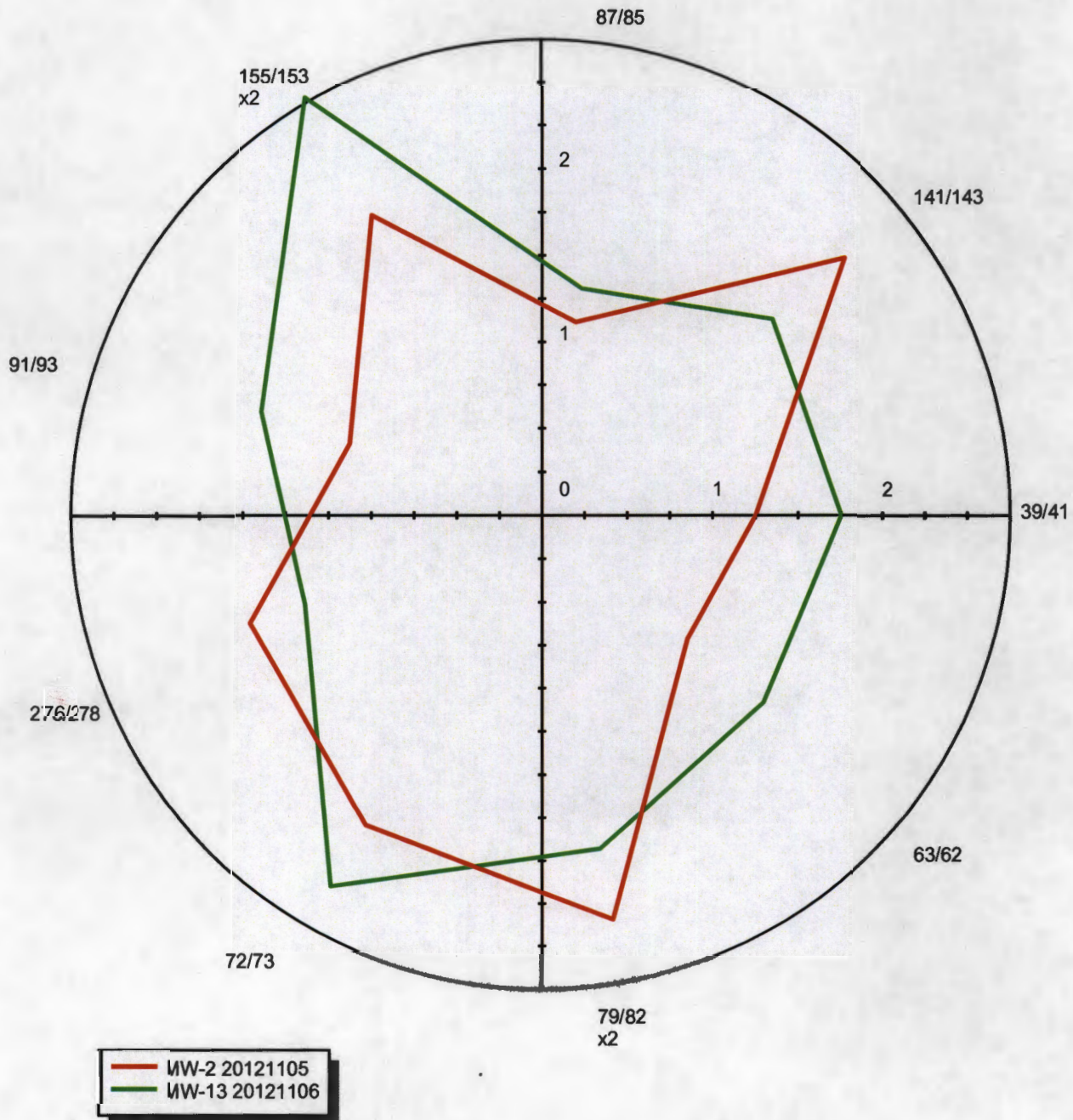


Figure 9

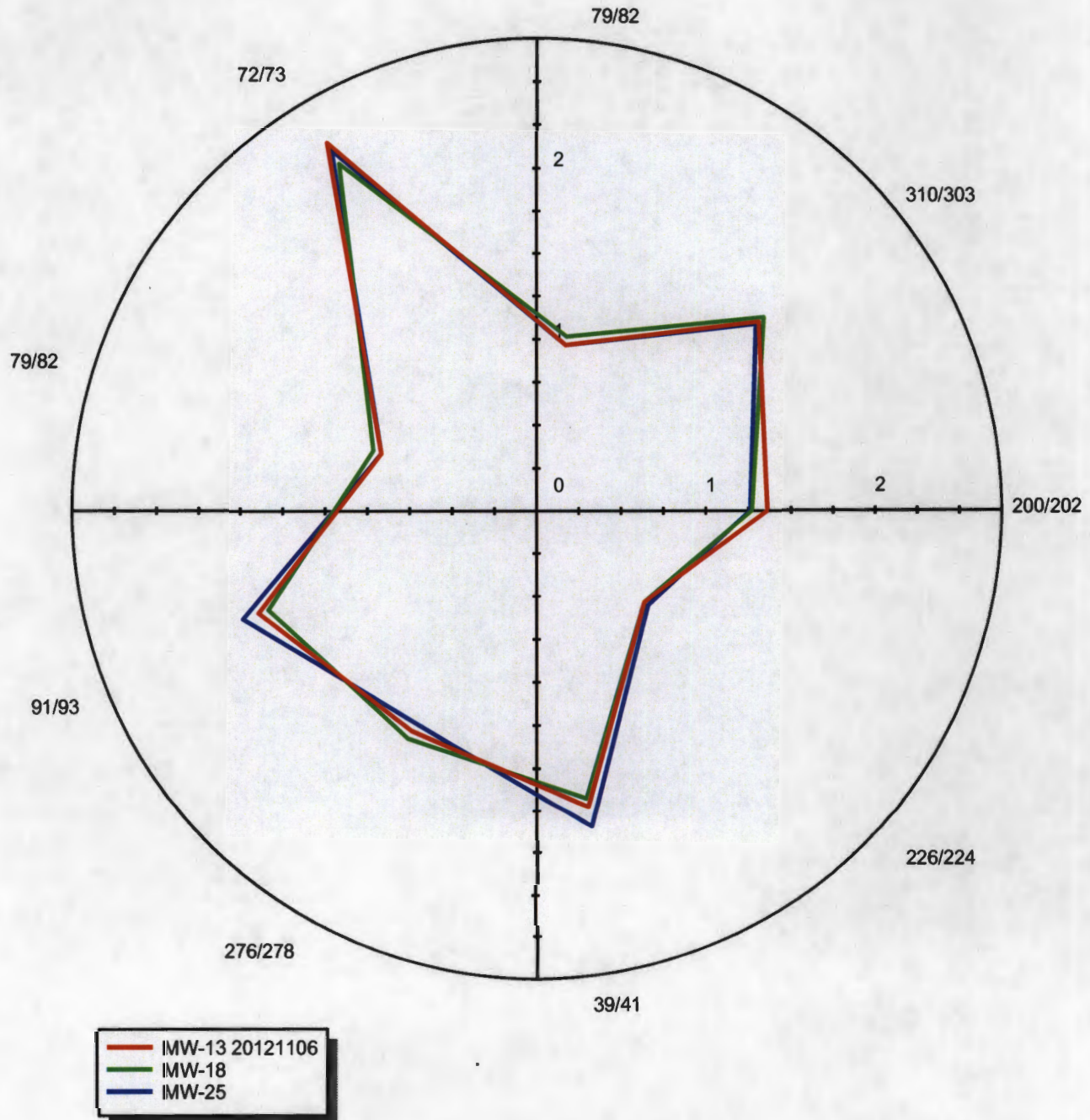


Figure 10

