

ANALYTICAL REPORT

Job Number: 680-21474-1

Job Description: Weston, Co.

For:
Glibota Environmental
6145 South Ivanhoe Street
Englewood, CO 80111

Attention: Mr. Tom Glibota



Bernard Kirkland
Project Manager I
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11/08/2006

Project Manager: Bernard Kirkland

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METHOD SUMMARY

Client: Glibota Environmental

Job Number: 680-21474-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Purgeable Organic Compounds in Water by GC/MS	STL SAV	EPA-DW 524.2	
Semivolatile Organic Compounds in Drinking Water by GCMS	STL SAV	EPA 525.2	
Determination of Semivolatile Organic Compounds	STL SAV		EPA 525.2
Dissolved Gases in Water	STL SAV	RSK RSK-175	
ICPMS Metals by 200.8 CWA	STL SAV	EPA 200.8	
Total Recoverable Metals Digestion for 200.8	STL SAV		MCAWW 4.1.4
pH, Electrometric	STL SAV	MCAWW 150.1	
Residue, Filterable, Gravimetric, Dried at 180°C (TDS)	STL SAV	MCAWW 160.1	
Color, Colorimetric	STL SAV	SM18 2120B	
Anions by Ion Chromatography	STL SAV	EPA-04 300.0	
Alkalinity - Titrimetric, pH 4.5	STL SAV	MCAWW 310.1	
Sulfide (Colorimetric, Methylene Blue)	STL SAV	MCAWW 376.2	
Membrane Filter Technique - Fecal Coliform Procedure	STL SAV	SM18 9222D	
Total Coliform and Escherichia coli by Colilert - Quantity Tray	STL SAV	SMWW 9223	
Odor, Threshold Test	STL SAV	SM20 2150B	

LAB REFERENCES:

STL SAV = STL Savannah

METHOD SUMMARY

Client: Glibota Environmental

Job Number: 680-21474-1

METHOD REFERENCES:

EPA - US Environmental Protection Agency

EPA-04 - "Methods For The Determination Of Inorganic Substances In Environmental Samples", EPA/600/R-93/100, August 1993.

EPA-DW - "Methods For The Determination Of Organic Compounds In Drinking Water", EPA/600/4-88/039, December 1988 And Its Supplements.

MCAWW - "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

RSK - Sample Prep And Calculations For Dissolved Gas Analysis In Water Samples Using A GC Headspace Equilibration Technique, RSKSOP-175, Rev. 0, 8/11/94, USEPA Research Lab

SM18 - "Standard Methods For The Examination Of Water And Wastewater", 18th Edition, 1992.

SM20 - "Standard Methods For The Examination Of Water And Wastewater", 20th Edition."

SMWW - "Standard Methods for the Examination of Water and Wastewater"

SAMPLE SUMMARY

Client: Glibota Environmental

Job Number: 680-21474-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
680-21474-1	Dolores	Water	10/24/2006 1515	10/27/2006 0900
680-21474-2	Ross	Water	10/25/2006 1130	10/27/2006 0900
680-21474-3TB	Trip Blank	Water	10/24/2006 0000	10/27/2006 0900

Analytical Data

Client: Glibota Environmental

Job Number: 680-21474-1

Client Sample ID: Dolores

Lab Sample ID: 680-21474-1

Client Matrix: Water

Date Sampled: 10/24/2006 1515

Date Received: 10/27/2006 0900

524.2 Purgeable Organic Compounds in Water by GC/MS

Method: 524.2

Analysis Batch: 680-58604

Instrument ID: GC/MS Volatiles - U

Preparation: N/A

Lab File ID: u2552.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 10/30/2006 1855

Final Weight/Volume: 5 mL

Date Prepared: N/A

Analyte	Result (ug/L)	Qualifier	RL
Acetone	10	U	10
Benzene	0.50	U	0.50
Carbon tetrachloride	0.50	U	0.50
Chlorobenzene	0.50	U	0.50
1,2-Dichlorobenzene	0.50	U	0.50
Freon 113	0.50	U	0.50
2-Hexanone	10	U	10
1,4-Dichlorobenzene	0.50	U	0.50
Methyl Ethyl Ketone	10	U	10
methyl isobutyl ketone	10	U	10
1,2-Dichloroethane	0.50	U	0.50
1,1-Dichloroethene	0.50	U	0.50
cis-1,2-Dichloroethene	0.50	U	0.50
trans-1,2-Dichloroethene	0.50	U	0.50
1,2-Dichloropropane	0.50	U	0.50
Ethylbenzene	0.50	U	0.50
Methylene Chloride	0.50	U	0.50
Styrene	0.50	U	0.50
Tetrachloroethene	0.50	U	0.50
Toluene	0.71		0.50
1,2,4-Trichlorobenzene	0.50	U	0.50
1,1,1-Trichloroethane	0.50	U	0.50
1,1,2-Trichloroethane	0.50	U	0.50
Vinyl chloride	0.50	U	0.50
Chloroform	4.9		0.50
Dichlorobromomethane	0.50	U	0.50
Bromoform	0.50	U	0.50
Chlorodibromomethane	0.50	U	0.50
Bromobenzene	0.50	U	0.50
Chlorobromomethane	0.50	U	0.50
Bromomethane	1.0	U	1.0
n-Butylbenzene	0.50	U	0.50
sec-Butylbenzene	0.50	U	0.50
tert-Butylbenzene	0.50	U	0.50
Chloroethane	1.0	U	1.0
Chloromethane	0.50	U	0.50
2-Chlorotoluene	0.50	U	0.50
4-Chlorotoluene	0.50	U	0.50
1,2-Dibromo-3-Chloropropane	0.50	U	0.50
Ethylene Dibromide	0.50	U	0.50
Dibromomethane	0.50	U	0.50
1,3-Dichlorobenzene	0.50	U	0.50
Dichlorodifluoromethane	0.50	U	0.50

Analytical Data

Client: Glibota Environmental

Job Number: 680-21474-1

Client Sample ID: Dolores

Lab Sample ID: 680-21474-1

Client Matrix: Water

Date Sampled: 10/24/2006 1515

Date Received: 10/27/2006 0900

524.2 Purgeable Organic Compounds in Water by GC/MS

Method: 524.2

Analysis Batch: 680-58604

Instrument ID: GC/MS Volatiles - U

Preparation: N/A

Lab File ID: u2552.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 10/30/2006 1855

Final Weight/Volume: 5 mL

Date Prepared: N/A

Analyte	Result (ug/L)	Qualifier	RL
1,1-Dichloroethane	0.50	U	0.50
1,3-Dichloropropane	0.50	U	0.50
2,2-Dichloropropane	0.50	U	0.50
1,1-Dichloropropene	0.50	U	0.50
cis-1,3-Dichloropropene	0.50	U	0.50
trans-1,3-Dichloropropene	0.50	U	0.50
Hexachlorobutadiene	0.50	U	0.50
Isopropylbenzene	0.50	U	0.50
4-Isopropyltoluene	0.50	U	0.50
Methyl tert-butyl ether	0.50	U	0.50
Naphthalene	1.0	U	1.0
N-Propylbenzene	0.50	U	0.50
1,1,1,2-Tetrachloroethane	0.50	U	0.50
1,1,2,2-Tetrachloroethane	0.50	U	0.50
1,2,3-Trichlorobenzene	0.50	U	0.50
Trichlorofluoromethane	0.50	U	0.50
1,2,3-Trichloropropane	0.50	U	0.50
1,2,4-Trimethylbenzene	0.50	U	0.50
1,3,5-Trimethylbenzene	0.50	U	0.50
o-Xylene	0.50	U	0.50
m-Xylene & p-Xylene	0.50	U	0.50
Trichloroethene	0.50	U	0.50
Xylenes, Total	0.50	U	0.50
Trihalomethanes, Total	4.90		0.50
Tert-butyl ethyl ether	0.50	U	0.50
Diisopropyl ether	0.50	U	0.50
Tert-amyl methyl ether	0.50	U	0.50
Surrogate	%Rec		Acceptance Limits
4-Bromofluorobenzene	91		70 - 130
1,2-Dichlorobenzene-d4	87		70 - 130

Analytical Data

Client: Glibota Environmental

Job Number: 680-21474-1

Client Sample ID: Ross

Lab Sample ID: 680-21474-2

Client Matrix: Water

Date Sampled: 10/25/2006 1130

Date Received: 10/27/2006 0900

524.2 Purgeable Organic Compounds in Water by GC/MS

Method: 524.2

Analysis Batch: 680-58604

Instrument ID: GC/MS Volatiles - U

Preparation: N/A

Lab File ID: u2553.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 10/30/2006 1918

Final Weight/Volume: 5 mL

Date Prepared: N/A

Analyte	Result (ug/L)	Qualifier	RL
Acetone	19		10
Benzene	0.50	U	0.50
Carbon tetrachloride	0.50	U	0.50
Chlorobenzene	0.50	U	0.50
1,2-Dichlorobenzene	0.50	U	0.50
Freon 113	0.50	U	0.50
2-Hexanone	10	U	10
1,4-Dichlorobenzene	0.50	U	0.50
Methyl Ethyl Ketone	10	U	10
methyl isobutyl ketone	10	U	10
1,2-Dichloroethane	0.50	U	0.50
1,1-Dichloroethene	0.50	U	0.50
cis-1,2-Dichloroethene	0.50	U	0.50
trans-1,2-Dichloroethene	0.50	U	0.50
1,2-Dichloropropane	0.50	U	0.50
Ethylbenzene	0.50	U	0.50
Methylene Chloride	0.50	U	0.50
Styrene	0.50	U	0.50
Tetrachloroethene	0.50	U	0.50
Toluene	0.50	U	0.50
1,2,4-Trichlorobenzene	0.50	U	0.50
1,1,1-Trichloroethane	0.50	U	0.50
1,1,2-Trichloroethane	0.50	U	0.50
Vinyl chloride	0.50	U	0.50
Chloroform	0.50	U	0.50
Dichlorobromomethane	0.50	U	0.50
Bromoform	0.50	U	0.50
Chlorodibromomethane	0.50	U	0.50
Bromobenzene	0.50	U	0.50
Chlorobromomethane	0.50	U	0.50
Bromomethane	1.0	U	1.0
n-Butylbenzene	0.50	U	0.50
sec-Butylbenzene	0.50	U	0.50
tert-Butylbenzene	0.50	U	0.50
Chloroethane	1.0	U	1.0
Chloromethane	0.50	U	0.50
2-Chlorotoluene	0.50	U	0.50
4-Chlorotoluene	0.50	U	0.50
1,2-Dibromo-3-Chloropropane	0.50	U	0.50
Ethylene Dibromide	0.50	U	0.50
Dibromomethane	0.50	U	0.50
1,3-Dichlorobenzene	0.50	U	0.50
Dichlorodifluoromethane	0.50	U	0.50

Analytical Data

Client: Glibota Environmental

Job Number: 680-21474-1

Client Sample ID: Ross

Lab Sample ID: 680-21474-2

Client Matrix: Water

Date Sampled: 10/25/2006 1130

Date Received: 10/27/2006 0900

524.2 Purgeable Organic Compounds in Water by GC/MS

Method: 524.2

Analysis Batch: 680-58604

Instrument ID: GC/MS Volatiles - U

Preparation: N/A

Lab File ID: u2553.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 10/30/2006 1918

Final Weight/Volume: 5 mL

Date Prepared: N/A

Analyte	Result (ug/L)	Qualifier	RL
1,1-Dichloroethane	0.50	U	0.50
1,3-Dichloropropane	0.50	U	0.50
2,2-Dichloropropane	0.50	U	0.50
1,1-Dichloropropene	0.50	U	0.50
cis-1,3-Dichloropropene	0.50	U	0.50
trans-1,3-Dichloropropene	0.50	U	0.50
Hexachlorobutadiene	0.50	U	0.50
Isopropylbenzene	0.50	U	0.50
4-Isopropyltoluene	0.50	U	0.50
Methyl tert-butyl ether	0.50	U	0.50
Naphthalene	1.0	U	1.0
N-Propylbenzene	0.50	U	0.50
1,1,1,2-Tetrachloroethane	0.50	U	0.50
1,1,2,2-Tetrachloroethane	0.50	U	0.50
1,2,3-Trichlorobenzene	0.50	U	0.50
Trichlorofluoromethane	0.50	U	0.50
1,2,3-Trichloropropane	0.50	U	0.50
1,2,4-Trimethylbenzene	0.50	U	0.50
1,3,5-Trimethylbenzene	0.50	U	0.50
o-Xylene	0.50	U	0.50
m-Xylene & p-Xylene	0.50	U	0.50
Trichloroethene	0.50	U	0.50
Xylenes, Total	0.50	U	0.50
Trihalomethanes, Total	0.50	U	0.50
Tert-butyl ethyl ether	0.50	U	0.50
Diisopropyl ether	0.50	U	0.50
Tert-amyl methyl ether	0.50	U	0.50
Surrogate	%Rec		Acceptance Limits
4-Bromofluorobenzene	92		70 - 130
1,2-Dichlorobenzene-d4	88		70 - 130

Analytical Data

Client: Glibota Environmental

Job Number: 680-21474-1

Client Sample ID: Trip Blank

Lab Sample ID: 680-21474-3TB

Client Matrix: Water

Date Sampled: 10/24/2006 0000

Date Received: 10/27/2006 0900

524.2 Purgeable Organic Compounds in Water by GC/MS

Method: 524.2

Analysis Batch: 680-58604

Instrument ID: GC/MS Volatiles - U

Preparation: N/A

Lab File ID: u2554.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 10/30/2006 1941

Final Weight/Volume: 5 mL

Date Prepared: N/A

Analyte	Result (ug/L)	Qualifier	RL
Acetone	10	U	10
Benzene	0.50	U	0.50
Carbon tetrachloride	0.50	U	0.50
Chlorobenzene	0.50	U	0.50
1,2-Dichlorobenzene	0.50	U	0.50
Freon 113	0.50	U	0.50
2-Hexanone	10	U	10
1,4-Dichlorobenzene	0.50	U	0.50
Methyl Ethyl Ketone	10	U	10
methyl isobutyl ketone	10	U	10
1,2-Dichloroethane	0.50	U	0.50
1,1-Dichloroethene	0.50	U	0.50
cis-1,2-Dichloroethene	0.50	U	0.50
trans-1,2-Dichloroethene	0.50	U	0.50
1,2-Dichloropropane	0.50	U	0.50
Ethylbenzene	0.50	U	0.50
Methylene Chloride	0.50	U	0.50
Styrene	0.50	U	0.50
Tetrachloroethene	0.50	U	0.50
Toluene	0.50	U	0.50
1,2,4-Trichlorobenzene	0.50	U	0.50
1,1,1-Trichloroethane	0.50	U	0.50
1,1,2-Trichloroethane	0.50	U	0.50
Vinyl chloride	0.50	U	0.50
Chloroform	0.50	U	0.50
Dichlorobromomethane	0.50	U	0.50
Bromoform	0.50	U	0.50
Chlorodibromomethane	0.50	U	0.50
Bromobenzene	0.50	U	0.50
Chlorobromomethane	0.50	U	0.50
Bromomethane	1.0	U	1.0
n-Butylbenzene	0.50	U	0.50
sec-Butylbenzene	0.50	U	0.50
tert-Butylbenzene	0.50	U	0.50
Chloroethane	1.0	U	1.0
Chloromethane	0.50	U	0.50
2-Chlorotoluene	0.50	U	0.50
4-Chlorotoluene	0.50	U	0.50
1,2-Dibromo-3-Chloropropane	0.50	U	0.50
Ethylene Dibromide	0.50	U	0.50
Dibromomethane	0.50	U	0.50
1,3-Dichlorobenzene	0.50	U	0.50
Dichlorodifluoromethane	0.50	U	0.50

Analytical Data

Client: Glibota Environmental

Job Number: 680-21474-1

Client Sample ID: Trip Blank

Lab Sample ID: 680-21474-3TB

Client Matrix: Water

Date Sampled: 10/24/2006 0000

Date Received: 10/27/2006 0900

524.2 Purgeable Organic Compounds in Water by GC/MS

Method: 524.2

Analysis Batch: 680-58604

Instrument ID: GC/MS Volatiles - U

Preparation: N/A

Lab File ID: u2554.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 10/30/2006 1941

Final Weight/Volume: 5 mL

Date Prepared: N/A

Analyte	Result (ug/L)	Qualifier	RL
1,1-Dichloroethane	0.50	U	0.50
1,3-Dichloropropane	0.50	U	0.50
2,2-Dichloropropane	0.50	U	0.50
1,1-Dichloropropene	0.50	U	0.50
cis-1,3-Dichloropropene	0.50	U	0.50
trans-1,3-Dichloropropene	0.50	U	0.50
Hexachlorobutadiene	0.50	U	0.50
Isopropylbenzene	0.50	U	0.50
4-Isopropyltoluene	0.50	U	0.50
Methyl tert-butyl ether	0.50	U	0.50
Naphthalene	1.0	U	1.0
N-Propylbenzene	0.50	U	0.50
1,1,1,2-Tetrachloroethane	0.50	U	0.50
1,1,2,2-Tetrachloroethane	0.50	U	0.50
1,2,3-Trichlorobenzene	0.50	U	0.50
Trichlorofluoromethane	0.50	U	0.50
1,2,3-Trichloropropane	0.50	U	0.50
1,2,4-Trimethylbenzene	0.50	U	0.50
1,3,5-Trimethylbenzene	0.50	U	0.50
o-Xylene	0.50	U	0.50
m-Xylene & p-Xylene	0.50	U	0.50
Trichloroethene	0.50	U	0.50
Xylenes, Total	0.50	U	0.50
Trihalomethanes, Total	0.50	U	0.50
Tert-butyl ethyl ether	0.50	U	0.50
Diisopropyl ether	0.50	U	0.50
Tert-amyl methyl ether	0.50	U	0.50
Surrogate	%Rec		Acceptance Limits
4-Bromofluorobenzene	88		70 - 130
1,2-Dichlorobenzene-d4	87		70 - 130

Analytical Data

Client: Glibota Environmental

Job Number: 680-21474-1

Client Sample ID: Dolores

Lab Sample ID: 680-21474-1

Client Matrix: Water

Date Sampled: 10/24/2006 1515

Date Received: 10/27/2006 0900

525.2 Semivolatile Organic Compounds in Drinking Water by GCMS

Method: 525.2

Analysis Batch: 680-58950

Instrument ID: Mass Spec LC - R

Preparation: 525.2

Prep Batch: 680-58725

Lab File ID: R9660.D

Dilution: 1.0

Initial Weight/Volume: 935 mL

Date Analyzed: 11/01/2006 0445

Final Weight/Volume: 1.0 mL

Date Prepared: 10/31/2006 0931

Injection Volume:

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthylene	0.21	U	0.21
Benzo[a]pyrene	0.21	U	0.21
Anthracene	0.21	U *	0.21
Benzo[a]anthracene	0.21	U	0.21
Benzo[b]fluoranthene	0.21	U	0.21
Benzo[k]fluoranthene	0.21	U	0.21
Benzo[g,h,i]perylene	0.21	U	0.21
Chrysene	0.21	U	0.21
Dibenz(a,h)anthracene	0.21	U	0.21
Fluorene	0.21	U	0.21
Indeno[1,2,3-cd]pyrene	0.21	U	0.21
Phenanthrene	0.21	U	0.21
Pyrene	0.21	U	0.21
Acenaphthene	0.21	U	0.21
Fluoranthene	0.21	U	0.21
Naphthalene	0.21	U	0.21
Surrogate	%Rec		Acceptance Limits
Triphenylphosphate	103		70 - 130
2-Nitro-m-xylene	102		70 - 130
Perylene-d12	78		70 - 130

Analytical Data

Client: Glibota Environmental

Job Number: 680-21474-1

Client Sample ID: Ross

Lab Sample ID: 680-21474-2

Client Matrix: Water

Date Sampled: 10/25/2006 1130

Date Received: 10/27/2006 0900

525.2 Semivolatile Organic Compounds in Drinking Water by GCMS

Method: 525.2

Analysis Batch: 680-58950

Instrument ID: Mass Spec LC - R

Preparation: 525.2

Prep Batch: 680-58725

Lab File ID: R9659.D

Dilution: 1.0

Initial Weight/Volume: 1045 mL

Date Analyzed: 11/01/2006 0416

Final Weight/Volume: 1.0 mL

Date Prepared: 10/31/2006 0931

Injection Volume:

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthylene	0.19	U	0.19
Benzo[a]pyrene	0.19	U	0.19
Anthracene	0.19	U *	0.19
Benzo[a]anthracene	0.19	U	0.19
Benzo[b]fluoranthene	0.19	U	0.19
Benzo[k]fluoranthene	0.19	U	0.19
Benzo[g,h,i]perylene	0.19	U	0.19
Chrysene	0.19	U	0.19
Dibenz(a,h)anthracene	0.19	U	0.19
Fluorene	0.19	U	0.19
Indeno[1,2,3-cd]pyrene	0.19	U	0.19
Phenanthrene	0.19	U	0.19
Pyrene	0.19	U	0.19
Acenaphthene	0.19	U	0.19
Fluoranthene	0.19	U	0.19
Naphthalene	0.19	U	0.19
Surrogate	%Rec		Acceptance Limits
Triphenylphosphate	119		70 - 130
2-Nitro-m-xylene	106		70 - 130
Perylene-d12	76		70 - 130

Analytical Data

Client: Glibota Environmental

Job Number: 680-21474-1

Client Sample ID: Dolores

Lab Sample ID: 680-21474-1

Client Matrix: Water

Date Sampled: 10/24/2006 1515

Date Received: 10/27/2006 0900

RSK-175 Dissolved Gases in Water

Method: RSK-175

Analysis Batch: 680-58874

Instrument ID: GC Volatiles - U TCD

Preparation: N/A

Lab File ID: U2668.D

Dilution: 1.0

Initial Weight/Volume:

Date Analyzed: 10/31/2006 0802

Final Weight/Volume: 1000 uL

Date Prepared: N/A

Injection Volume:

Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Methane	2400		0.19

Analytical Data

Client: Glibota Environmental

Job Number: 680-21474-1

Client Sample ID: Ross

Lab Sample ID: 680-21474-2

Client Matrix: Water

Date Sampled: 10/25/2006 1130

Date Received: 10/27/2006 0900

RSK-175 Dissolved Gases in Water

Method: RSK-175

Analysis Batch: 680-58853

Instrument ID: GC Volatiles - U FID

Preparation: N/A

Lab File ID: U2669.D

Dilution: 1.0

Initial Weight/Volume:

Date Analyzed: 10/31/2006 0818

Final Weight/Volume: 1000 uL

Date Prepared: N/A

Injection Volume:

Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Methane	200		0.19

Analytical Data

Client: Glibota Environmental

Job Number: 680-21474-1

Client Sample ID: Dolores

Lab Sample ID: 680-21474-1
Client Matrix: Water

Date Sampled: 10/24/2006 1515
Date Received: 10/27/2006 0900

200.8 ICPMS Metals by 200.8 CWA-Total Recoverable

Method:	200.8	Analysis Batch: 680-59063	Instrument ID:	ICP MS
Preparation:	4.1.4	Prep Batch: 680-58831	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	11/02/2006 1338		Final Weight/Volume:	250 mL
Date Prepared:	11/01/2006 0923			

Analyte	Result (ug/L)	Qualifier	RL
Silver	1.0	U	1.0
Copper	5.0	U	5.0
Arsenic	2.5	U	2.5
Lead	1.5	U	1.5
Iron	100	U	100
Calcium	47000		250
Cadmium	0.50	U	0.50
Cobalt	0.50	U	0.50
Aluminum	50	U	50
Boron	100	U	100
Barium	56		5.0
Beryllium	0.50	U	0.50
Chromium	5.0	U	5.0
Mercury	0.50	U	0.50
Potassium	1300		250
Magnesium	8800		250
Manganese	160		5.0
Molybdenum	5.0	U	5.0
Sodium	87000		250
Nickel	1.0	U	1.0
Antimony	2.5	U	2.5
Selenium	2.5		2.5
Thallium	1.0	U	1.0
Zinc	20	U	20

Analytical Data

Client: Glibota Environmental

Job Number: 680-21474-1

Client Sample ID: Ross

Lab Sample ID: 680-21474-2
Client Matrix: Water

Date Sampled: 10/25/2006 1130
Date Received: 10/27/2006 0900

200.8 ICPMS Metals by 200.8 CWA-Total Recoverable

Method:	200.8	Analysis Batch: 680-59063	Instrument ID:	ICP MS
Preparation:	4.1.4	Prep Batch: 680-58831	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	11/02/2006 1412		Final Weight/Volume:	250 mL
Date Prepared:	11/01/2006 0923			

Analyte	Result (ug/L)	Qualifier	RL
Silver	1.0	U	1.0
Copper	5.0	U	5.0
Arsenic	2.5	U	2.5
Lead	1.5	U	1.5
Iron	100	U	100
Calcium	28000		250
Cadmium	0.50	U	0.50
Cobalt	0.50	U	0.50
Aluminum	50	U	50
Boron	100	U	100
Barium	73		5.0
Beryllium	0.50	U	0.50
Chromium	5.0	U	5.0
Mercury	0.50	U	0.50
Potassium	880		250
Magnesium	6300		250
Manganese	5.0	U	5.0
Molybdenum	13		5.0
Sodium	75000		250
Nickel	1.0	U	1.0
Antimony	2.5	U	2.5
Selenium	2.5	U	2.5
Thallium	1.0	U	1.0
Zinc	20	U	20

Client: Glibota Environmental

Job Number: 680-21474-1

General Chemistry

Analytical Data

Client: Glibota Environmental

Job Number: 680-21474-1

General Chemistry

Client Sample ID: Dolores

Lab Sample ID: 680-21474-1

Date Sampled: 10/24/2006 1515

Client Matrix: Water

Date Received: 10/27/2006 0900

Analyte	Result	Qual	Units	RL	Dil	Method
Chloride	25	U	mg/L	25	25	300.0
	Anly Batch: 680-59073	Date Analyzed	11/02/2006 1133			
Fluoride	5.0	U	mg/L	5.0	25	300.0
	Anly Batch: 680-59073	Date Analyzed	11/02/2006 1133			
Sulfate	120		mg/L	25	25	300.0
	Anly Batch: 680-59073	Date Analyzed	11/02/2006 1133			
Sulfide	0.10	U	mg/L	0.10	1.0	376.2
	Anly Batch: 680-58561	Date Analyzed	10/27/2006 1450			

Analyte	Result	Qual	Units	Dil	Method
pH	7.32		SU	1.0	150.1
	Anly Batch: 680-58649	Date Analyzed	10/27/2006 1100		

Analytical Data

Client: Glibota Environmental

Job Number: 680-21474-1

General Chemistry

Client Sample ID: Dolores

Lab Sample ID: 680-21474-1

Client Matrix: Water

Date Sampled: 10/24/2006 1515

Date Received: 10/27/2006 0900

Analyte	Result	Qual	Units	RL	Dil	Method
Total Dissolved Solids	400		mg/L	5.0	1.0	160.1
	Anly Batch: 680-58581	Date Analyzed	10/30/2006 0610			
Color	5.0	U	PCU	5.0	1.0	2120B
	Anly Batch: 680-59144	Date Analyzed	10/27/2006 1330			
Alkalinity	190		mg/L	1.0	1.0	310.1
	Anly Batch: 680-59361	Date Analyzed	11/06/2006 1330			
Bicarbonate Alkalinity as CaCO3	180		mg/L	1.0	1.0	310.1
	Anly Batch: 680-59361	Date Analyzed	11/06/2006 1330			
Carbonate Alkalinity as CaCO3	1.0	U	mg/L	1.0	1.0	310.1
	Anly Batch: 680-59361	Date Analyzed	11/06/2006 1330			
Coliform, Fecal	1.0	U H	CFU/100mL	1.0	1.0	9222D
	Anly Batch: 680-58556	Date Analyzed	10/27/2006 1407			
Coliform, Total	2400	>	CFU/100mL	1.0	1.0	9223
	Anly Batch: 680-58557	Date Analyzed	10/27/2006 1415			
Escherichia coli	1.0	U	CFU/100mL	1.0	1.0	9223
	Anly Batch: 680-58557	Date Analyzed	10/27/2006 1415			
Odor	1.0	U H	T.O.N.	1.0	1.0	2150B
	Anly Batch: 680-59148	Date Analyzed	10/27/2006 1400			

Analytical Data

Client: Glibota Environmental

Job Number: 680-21474-1

General Chemistry

Client Sample ID: Ross

Lab Sample ID: 680-21474-2

Date Sampled: 10/25/2006 1130

Client Matrix: Water

Date Received: 10/27/2006 0900

Analyte	Result	Qual	Units	RL	Dil	Method
Chloride	6.2		mg/L	1.0	1.0	300.0
	Anly Batch: 680-59073	Date Analyzed	11/02/2006 1202			
Fluoride	0.97		mg/L	0.20	1.0	300.0
	Anly Batch: 680-59073	Date Analyzed	11/02/2006 1202			
Sulfate	56		mg/L	25	25	300.0
	Anly Batch: 680-59073	Date Analyzed	11/02/2006 1230			
Sulfide	0.10	U	mg/L	0.10	1.0	376.2
	Anly Batch: 680-58561	Date Analyzed	10/27/2006 1450			

Analyte	Result	Qual	Units	Dil	Method
pH	7.65		SU	1.0	150.1
	Anly Batch: 680-58649	Date Analyzed	10/27/2006 1100		

Analytical Data

Client: Glibota Environmental

Job Number: 680-21474-1

General Chemistry

Client Sample ID: Ross

Lab Sample ID: 680-21474-2

Client Matrix: Water

Date Sampled: 10/25/2006 1130

Date Received: 10/27/2006 0900

Analyte	Result	Qual	Units	RL	Dil	Method
Total Dissolved Solids	300		mg/L	5.0	1.0	160.1
	Anly Batch: 680-58581	Date Analyzed	10/30/2006 0610			
Color	5.0	U	PCU	5.0	1.0	2120B
	Anly Batch: 680-59144	Date Analyzed	10/27/2006 1330			
Alkalinity	170		mg/L	1.0	1.0	310.1
	Anly Batch: 680-59361	Date Analyzed	11/06/2006 1330			
Bicarbonate Alkalinity as CaCO3	170		mg/L	1.0	1.0	310.1
	Anly Batch: 680-59361	Date Analyzed	11/06/2006 1330			
Carbonate Alkalinity as CaCO3	1.0	U	mg/L	1.0	1.0	310.1
	Anly Batch: 680-59361	Date Analyzed	11/06/2006 1330			
Coliform, Fecal	1.0	U H	CFU/100mL	1.0	1.0	9222D
	Anly Batch: 680-58556	Date Analyzed	10/27/2006 1407			
Coliform, Total	5.2		CFU/100mL	1.0	1.0	9223
	Anly Batch: 680-58557	Date Analyzed	10/27/2006 1415			
Escherichia coli	1.0	U	CFU/100mL	1.0	1.0	9223
	Anly Batch: 680-58557	Date Analyzed	10/27/2006 1415			
Odor	1.0	U H	T.O.N.	1.0	1.0	2150B
	Anly Batch: 680-59148	Date Analyzed	10/27/2006 1400			

DATA REPORTING QUALIFIERS

Client: Glibota Environmental

Job Number: 680-21474-1

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Indicates the analyte was analyzed for but not detected.
GC/MS Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.
	*	LCS or LCSD exceeds the control limits
GC VOA		
	U	Indicates the analyte was analyzed for but not detected.
Metals		
	U	Indicates the analyte was analyzed for but not detected.
	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.
General Chemistry		
	U	Indicates the analyte was analyzed for but not detected.
	H	Sample was prepped or analyzed beyond the specified holding time
	>	The analyte exceeded the indicated concentration

Quality Control Results

Client: Glibota Environmental

Job Number: 680-21474-1

Method Blank - Batch: 680-58604

Method: 524.2

Preparation: N/A

Lab Sample ID: MB 680-58604/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/30/2006 1355
Date Prepared: N/A

Analysis Batch: 680-58604
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - U
Lab File ID: uq1263.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
Acetone	10	U	10
Benzene	0.50	U	0.50
Carbon tetrachloride	0.50	U	0.50
Chlorobenzene	0.50	U	0.50
1,2-Dichlorobenzene	0.50	U	0.50
Freon 113	0.50	U	0.50
2-Hexanone	10	U	10
1,4-Dichlorobenzene	0.50	U	0.50
Methyl Ethyl Ketone	10	U	10
methyl isobutyl ketone	10	U	10
1,2-Dichloroethane	0.50	U	0.50
1,1-Dichloroethene	0.50	U	0.50
cis-1,2-Dichloroethene	0.50	U	0.50
trans-1,2-Dichloroethene	0.50	U	0.50
1,2-Dichloropropane	0.50	U	0.50
Ethylbenzene	0.50	U	0.50
Methylene Chloride	0.50	U	0.50
Styrene	0.50	U	0.50
Tetrachloroethene	0.50	U	0.50
Toluene	0.50	U	0.50
1,2,4-Trichlorobenzene	0.50	U	0.50
1,1,1-Trichloroethane	0.50	U	0.50
1,1,2-Trichloroethane	0.50	U	0.50
Vinyl chloride	0.50	U	0.50
Chloroform	0.50	U	0.50
Dichlorobromomethane	0.50	U	0.50
Bromoform	0.50	U	0.50
Chlorodibromomethane	0.50	U	0.50
Bromobenzene	0.50	U	0.50
Chlorobromomethane	0.50	U	0.50
Bromomethane	1.0	U	1.0
n-Butylbenzene	0.50	U	0.50
sec-Butylbenzene	0.50	U	0.50
tert-Butylbenzene	0.50	U	0.50
Chloroethane	1.0	U	1.0
Chloromethane	0.50	U	0.50
2-Chlorotoluene	0.50	U	0.50
4-Chlorotoluene	0.50	U	0.50
1,2-Dibromo-3-Chloropropane	0.50	U	0.50
Ethylene Dibromide	0.50	U	0.50
Dibromomethane	0.50	U	0.50

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Glibota Environmental

Job Number: 680-21474-1

Method Blank - Batch: 680-58604

Method: 524.2

Preparation: N/A

Lab Sample ID: MB 680-58604/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/30/2006 1355
Date Prepared: N/A

Analysis Batch: 680-58604
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - U
Lab File ID: uq1263.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
1,3-Dichlorobenzene	0.50	U	0.50
Dichlorodifluoromethane	0.50	U	0.50
1,1-Dichloroethane	0.50	U	0.50
1,3-Dichloropropane	0.50	U	0.50
2,2-Dichloropropane	0.50	U	0.50
1,1-Dichloropropene	0.50	U	0.50
cis-1,3-Dichloropropene	0.50	U	0.50
trans-1,3-Dichloropropene	0.50	U	0.50
Hexachlorobutadiene	0.50	U	0.50
Isopropylbenzene	0.50	U	0.50
4-Isopropyltoluene	0.50	U	0.50
Methyl tert-butyl ether	0.50	U	0.50
Naphthalene	1.0	U	1.0
N-Propylbenzene	0.50	U	0.50
1,1,1,2-Tetrachloroethane	0.50	U	0.50
1,1,2,2-Tetrachloroethane	0.50	U	0.50
1,2,3-Trichlorobenzene	0.50	U	0.50
Trichlorofluoromethane	0.50	U	0.50
1,2,3-Trichloropropane	0.50	U	0.50
1,2,4-Trimethylbenzene	0.50	U	0.50
1,3,5-Trimethylbenzene	0.50	U	0.50
o-Xylene	0.50	U	0.50
m-Xylene & p-Xylene	0.50	U	0.50
Trichloroethene	0.50	U	0.50
Xylenes, Total	0.50	U	0.50
Trihalomethanes, Total	0.50	U	0.50
Tert-butyl ethyl ether	0.50	U	0.50
Diisopropyl ether	0.50	U	0.50
Tert-amyl methyl ether	0.50	U	0.50
Surrogate	% Rec	Acceptance Limits	
4-Bromofluorobenzene	91	70 - 130	
1,2-Dichlorobenzene-d4	88	70 - 130	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Glibota Environmental

Job Number: 680-21474-1

Lab Control Spike - Batch: 680-58604

Method: 524.2

Preparation: N/A

Lab Sample ID: LCS 680-58604/3

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 10/30/2006 1309

Date Prepared: N/A

Analysis Batch: 680-58604

Prep Batch: N/A

Units: ug/L

Instrument ID: GC/MS Volatiles - U

Lab File ID: uq1262.d

Initial Weight/Volume: 5 mL

Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	40.0	29.0	72	70 - 130	
Benzene	20.0	17.4	87	70 - 130	
Carbon tetrachloride	20.0	21.6	108	70 - 130	
Chlorobenzene	20.0	18.6	93	70 - 130	
1,2-Dichlorobenzene	20.0	20.6	103	70 - 130	
Freon 113	16.0	16.4	103	70 - 130	
2-Hexanone	40.0	31.0	78	70 - 130	
1,4-Dichlorobenzene	20.0	20.7	104	70 - 130	
Methyl Ethyl Ketone	40.0	32.4	81	70 - 130	
methyl isobutyl ketone	40.0	31.8	80	70 - 130	
1,2-Dichloroethane	20.0	18.4	92	70 - 130	
1,1-Dichloroethene	20.0	17.0	85	70 - 130	
cis-1,2-Dichloroethene	20.0	18.0	90	70 - 130	
trans-1,2-Dichloroethene	20.0	17.4	87	70 - 130	
1,2-Dichloropropane	20.0	18.1	91	70 - 130	
Ethylbenzene	20.0	19.1	95	70 - 130	
Methylene Chloride	20.0	17.3	87	70 - 130	
Styrene	20.0	20.6	103	70 - 130	
Tetrachloroethene	20.0	17.9	89	70 - 130	
Toluene	20.0	17.4	87	70 - 130	
1,2,4-Trichlorobenzene	20.0	20.2	101	70 - 130	
1,1,1-Trichloroethane	20.0	17.9	90	70 - 130	
1,1,2-Trichloroethane	20.0	18.2	91	70 - 130	
Vinyl chloride	20.0	15.8	79	70 - 130	
Chloroform	20.0	17.9	89	70 - 130	
Dichlorobromomethane	20.0	18.5	93	70 - 130	
Bromoform	20.0	16.9	85	70 - 130	
Chlorodibromomethane	20.0	19.7	98	70 - 130	
Bromobenzene	20.0	19.6	98	70 - 130	
Chlorobromomethane	20.0	17.0	85	70 - 130	
Bromomethane	20.0	20.2	101	70 - 130	
n-Butylbenzene	20.0	18.4	92	70 - 130	
sec-Butylbenzene	20.0	19.8	99	70 - 130	
tert-Butylbenzene	20.0	19.7	98	70 - 130	
Chloroethane	20.0	23.6	118	70 - 130	
Chloromethane	20.0	15.7	79	70 - 130	
2-Chlorotoluene	20.0	18.8	94	70 - 130	
4-Chlorotoluene	20.0	20.9	104	70 - 130	
1,2-Dibromo-3-Chloropropane	20.0	17.7	89	70 - 130	
Ethylene Dibromide	20.0	18.6	93	70 - 130	
Dibromomethane	20.0	17.6	88	70 - 130	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Glibota Environmental

Job Number: 680-21474-1

Lab Control Spike - Batch: 680-58604

Method: 524.2

Preparation: N/A

Lab Sample ID: LCS 680-58604/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/30/2006 1309
Date Prepared: N/A

Analysis Batch: 680-58604
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - U
Lab File ID: uq1262.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,3-Dichlorobenzene	20.0	20.8	104	70 - 130	
Dichlorodifluoromethane	20.0	14.1	71	70 - 130	
1,1-Dichloroethane	20.0	16.7	83	70 - 130	
1,3-Dichloropropane	20.0	18.4	92	70 - 130	
2,2-Dichloropropane	20.0	18.2	91	70 - 130	
1,1-Dichloropropene	20.0	17.8	89	70 - 130	
cis-1,3-Dichloropropene	20.0	19.5	97	70 - 130	
trans-1,3-Dichloropropene	20.0	19.4	97	70 - 130	
Hexachlorobutadiene	20.0	20.8	104	70 - 130	
Isopropylbenzene	20.0	19.7	98	70 - 130	
4-Isopropyltoluene	20.0	19.8	99	70 - 130	
Methyl tert-butyl ether	16.0	13.4	84	70 - 130	
Naphthalene	20.0	19.3	97	70 - 130	
N-Propylbenzene	20.0	20.0	100	70 - 130	
1,1,1,2-Tetrachloroethane	20.0	20.4	102	70 - 130	
1,1,2,2-Tetrachloroethane	20.0	16.1	81	70 - 130	
1,2,3-Trichlorobenzene	20.0	20.4	102	70 - 130	
Trichlorofluoromethane	20.0	17.3	86	70 - 130	
1,2,3-Trichloropropane	20.0	18.3	92	70 - 130	
1,2,4-Trimethylbenzene	20.0	20.0	100	70 - 130	
1,3,5-Trimethylbenzene	20.0	20.8	104	70 - 130	
o-Xylene	20.0	20.2	101	70 - 130	
m-Xylene & p-Xylene	40.0	40.0	100	70 - 130	
Xylenes, Total	60.0	60.2	100	70 - 130	
Trihalomethanes, Total	80.0	74.0	93	70 - 130	
Tert-butyl ethyl ether	16.0	14.3	89	70 - 130	
Diisopropyl ether	16.0	13.9	87	70 - 130	
Tert-amyl methyl ether	16.0	14.5	91	70 - 130	
Surrogate	% Rec		Acceptance Limits		
4-Bromofluorobenzene	102		70 - 130		
1,2-Dichlorobenzene-d4	106		70 - 130		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Glibota Environmental

Job Number: 680-21474-1

Method Blank - Batch: 680-58725

Method: 525.2

Preparation: 525.2

Lab Sample ID: MB 680-58725/14-A

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 11/01/2006 1148

Date Prepared: 10/31/2006 0931

Analysis Batch: 680-58949

Prep Batch: 680-58725

Units: ug/L

Instrument ID: Mass Spec LC - R

Lab File ID: R9671.D

Initial Weight/Volume: 1000 mL

Final Weight/Volume: 1.0 mL

Injection Volume:

Analyte	Result	Qual	RL
Acenaphthylene	0.20	U	0.20
Benzo[a]pyrene	0.20	U	0.20
Anthracene	0.20	U	0.20
Benzo[a]anthracene	0.20	U	0.20
Benzo[b]fluoranthene	0.20	U	0.20
Benzo[k]fluoranthene	0.20	U	0.20
Benzo[g,h,i]perylene	0.20	U	0.20
Chrysene	0.20	U	0.20
Dibenz(a,h)anthracene	0.20	U	0.20
Fluorene	0.20	U	0.20
Indeno[1,2,3-cd]pyrene	0.20	U	0.20
Phenanthrene	0.20	U	0.20
Pyrene	0.20	U	0.20
Acenaphthene	0.20	U	0.20
Fluoranthene	0.20	U	0.20
Naphthalene	0.20	U	0.20
Surrogate	% Rec	Acceptance Limits	
Triphenylphosphate	122	70 - 130	
2-Nitro-m-xylene	105	70 - 130	
Perylene-d12	81	70 - 130	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Glibota Environmental

Job Number: 680-21474-1

Lab Control Spike - Batch: 680-58725

Method: 525.2

Preparation: 525.2

Lab Sample ID: LCS 680-58725/15-A

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 11/01/2006 1217

Date Prepared: 10/31/2006 0931

Analysis Batch: 680-58949

Prep Batch: 680-58725

Units: ug/L

Instrument ID: Mass Spec LC - R

Lab File ID: R9672.D

Initial Weight/Volume: 1000 mL

Final Weight/Volume: 1.0 mL

Injection Volume:

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthylene	5.00	4.75	95	70 - 130	
Benzo[a]pyrene	5.00	4.73	95	70 - 130	
Anthracene	5.00	3.00	60	70 - 130	*
Benzo[a]anthracene	5.00	4.56	91	70 - 130	
Benzo[b]fluoranthene	5.00	4.99	100	70 - 130	
Benzo[k]fluoranthene	5.00	5.05	101	70 - 130	
Benzo[g,h,i]perylene	5.00	5.01	100	70 - 130	
Chrysene	5.00	4.72	94	70 - 130	
Dibenz(a,h)anthracene	5.00	5.24	105	70 - 130	
Fluorene	5.00	5.32	106	70 - 130	
Indeno[1,2,3-cd]pyrene	5.00	5.14	103	70 - 130	
Phenanthrene	5.00	4.56	91	70 - 130	
Pyrene	5.00	4.49	90	70 - 130	
Acenaphthene	5.00	4.49	90	70 - 130	
Fluoranthene	5.00	4.96	99	70 - 130	
Naphthalene	5.00	5.14	103	70 - 130	
Surrogate	% Rec		Acceptance Limits		
Triphenylphosphate	112		70 - 130		
2-Nitro-m-xylene	107		70 - 130		
Perylene-d12	88		70 - 130		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Glibota Environmental

Job Number: 680-21474-1

Method Blank - Batch: 680-58853

Lab Sample ID: MB 680-58853/21
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/30/2006 1349
Date Prepared: N/A

Analysis Batch: 680-58853
Prep Batch: N/A
Units: ug/L

Method: RSK-175 Preparation: N/A

Instrument ID: GC Volatiles - U FID
Lab File ID: UQ1103.D
Initial Weight/Volume:
Final Weight/Volume: 1000 uL
Injection Volume:

Analyte	Result	Qual	RL
Methane	0.19	U	0.19

Lab Control Spike - Batch: 680-58853

Lab Sample ID: LCS 680-58853/20
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/30/2006 1210
Date Prepared: N/A

Analysis Batch: 680-58853
Prep Batch: N/A
Units: ug/L

Method: RSK-175 Preparation: N/A

Instrument ID: GC Volatiles - U FID
Lab File ID: UQ1098.D
Initial Weight/Volume:
Final Weight/Volume: 1000 uL
Injection Volume:

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Methane	150	142	95	75 - 125	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Glibota Environmental

Job Number: 680-21474-1

Lab Control Spike - Batch: 680-58874

Method: RSK-175
Preparation: N/A

Lab Sample ID: LCS 680-58874/7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/30/2006 1259
Date Prepared: N/A

Analysis Batch: 680-58874
Prep Batch: N/A
Units: ug/L

Instrument ID: GC Volatiles - U TCD
Lab File ID: UQ1101.D
Initial Weight/Volume:
Final Weight/Volume: 1000 uL
Injection Volume:

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Methane	1900	1860	98	75 - 125	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Glibota Environmental

Job Number: 680-21474-1

Method Blank - Batch: 680-58831

Lab Sample ID: MB 680-58831/4-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/02/2006 1317
Date Prepared: 11/01/2006 0923

Analysis Batch: 680-59063
Prep Batch: 680-58831
Units: ug/L

Method: 200.8 Preparation: 4.1.4 Total Recoverable

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	Result	Qual	RL
Silver	1.0	U	1.0
Arsenic	2.5	U	2.5
Copper	5.0	U	5.0
Lead	1.5	U	1.5
Iron	100	U	100
Calcium	250	U	250
Cadmium	0.50	U	0.50
Cobalt	0.50	U	0.50
Aluminum	50	U	50
Boron	100	U	100
Barium	5.0	U	5.0
Beryllium	0.50	U	0.50
Chromium	5.0	U	5.0
Mercury	0.50	U	0.50
Potassium	250	U	250
Magnesium	250	U	250
Manganese	5.0	U	5.0
Molybdenum	5.0	U	5.0
Sodium	250	U	250
Nickel	1.0	U	1.0
Antimony	2.5	U	2.5
Selenium	2.5	U	2.5
Thallium	1.0	U	1.0
Zinc	20	U	20

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Glibota Environmental

Job Number: 680-21474-1

**Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 680-58831**

**Method: 200.8
Preparation: 4.1.4
Total Recoverable**

LCS Lab Sample ID: LCS 680-58831/5-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/02/2006 1324
Date Prepared: 11/01/2006 0923

Analysis Batch: 680-59063
Prep Batch: 680-58831
Units: ug/L

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

LCSD Lab Sample ID: LCSD 680-58831/6-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/02/2006 1331
Date Prepared: 11/01/2006 0923

Analysis Batch: 680-59063
Prep Batch: 680-58831
Units: ug/L

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Arsenic	100	96	85 - 115	4	20		
Copper	101	97	85 - 115	3	20		
Lead	106	100	85 - 115	6	20		
Iron	107	103	85 - 115	4	20		
Calcium	107	104	85 - 115	3	20		
Boron	102	97	85 - 115	5	20		
Barium	102	97	85 - 115	5	20		
Potassium	95	93	85 - 115	2	20		
Magnesium	109	105	85 - 115	4	20		
Manganese	102	98	85 - 115	4	20		
Sodium	108	104	85 - 115	3	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Glibota Environmental

Job Number: 680-21474-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 680-58831

Method: 200.8
Preparation: 4.1.4
Total Recoverable

MS Lab Sample ID: 680-21474-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/02/2006 1358
Date Prepared: 11/01/2006 0923

Analysis Batch: 680-59063
Prep Batch: 680-58831

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

MSD Lab Sample ID: 680-21474-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/02/2006 1405
Date Prepared: 11/01/2006 0923

Analysis Batch: 680-59063
Prep Batch: 680-58831

Instrument ID: ICP MS
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 250 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Arsenic	100	99	75 - 125	1	20		
Copper	96	94	75 - 125	1	20		
Lead	102	102	75 - 125	0	20		
Iron	103	101	75 - 125	1	20		
Calcium	105	84	75 - 125	2	20	4	4
Boron	96	95	75 - 125	1	20		
Barium	102	99	75 - 125	2	20		
Potassium	93	93	75 - 125	1	20		
Magnesium	101	97	75 - 125	1	20		
Manganese	100	96	75 - 125	3	20		
Sodium	98	72	75 - 125	1	20	4	4

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Glibota Environmental

Job Number: 680-21474-1

**Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 680-58649**

**Method: 150.1
Preparation: N/A**

LCS Lab Sample ID: LCS 680-58649/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/27/2006 1100
Date Prepared: N/A

Analysis Batch: 680-58649
Prep Batch: N/A
Units: SU

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD 680-58649/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/27/2006 1100
Date Prepared: N/A

Analysis Batch: 680-58649
Prep Batch: N/A
Units: SU

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
pH	100	100	63 - 158	0	40		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Glibota Environmental

Job Number: 680-21474-1

Method Blank - Batch: 680-58581

Lab Sample ID: MB 680-58581/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/30/2006 0610
Date Prepared: N/A

Analysis Batch: 680-58581
Prep Batch: N/A
Units: mg/L

Method: 160.1 Preparation: N/A

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume:

Analyte	Result	Qual	RL
Total Dissolved Solids	5.0	U	5.0

Lab Control Spike/ Lab Control Spike Duplicate Recovery Report - Batch: 680-58581

Method: 160.1 Preparation: N/A

LCS Lab Sample ID: LCS 680-58581/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/30/2006 0610
Date Prepared: N/A

Analysis Batch: 680-58581
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume:

LCSD Lab Sample ID: LCSD 680-58581/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/30/2006 0610
Date Prepared: N/A

Analysis Batch: 680-58581
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume:

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Total Dissolved Solids	100	101	80 - 120	2	25		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Glibota Environmental

Job Number: 680-21474-1

Method Blank - Batch: 680-59073

Method: 300.0
Preparation: N/A

Lab Sample ID: MB 680-59073/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/02/2006 1008
Date Prepared: N/A

Analysis Batch: 680-59073
Prep Batch: N/A
Units: mg/L

Instrument ID: ICCS200
Lab File ID: 0004.d
Initial Weight/Volume: mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
Chloride	1.0	U	1.0
Fluoride	0.20	U	0.20
Sulfate	1.0	U	1.0

Lab Control Spike - Batch: 680-59073

Method: 300.0
Preparation: N/A

Lab Sample ID: LCS 680-59073/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/02/2006 1036
Date Prepared: N/A

Analysis Batch: 680-59073
Prep Batch: N/A
Units: mg/L

Instrument ID: ICCS200
Lab File ID: 0005.d
Initial Weight/Volume: mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	2.00	1.99	100	90 - 110	
Fluoride	1.00	0.964	96	90 - 110	
Sulfate	2.00	1.89	95	90 - 110	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Glibota Environmental

Job Number: 680-21474-1

Method Blank - Batch: 680-59361

Method: 310.1
Preparation: N/A

Lab Sample ID: MB 680-59361/21
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/06/2006 1330
Date Prepared: N/A

Analysis Batch: 680-59361
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Result	Qual	RL
Alkalinity	1.0	U	1.0
Bicarbonate Alkalinity as CaCO ₃	1.0	U	1.0
Carbonate Alkalinity as CaCO ₃	1.0	U	1.0

Lab Control Spike - Batch: 680-59361

Method: 310.1
Preparation: N/A

Lab Sample ID: LCS 680-59361/20
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/06/2006 1330
Date Prepared: N/A

Analysis Batch: 680-59361
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Alkalinity	249	251	101	80 - 120	
Bicarbonate Alkalinity as CaCO ₃	1.00	Err			
Carbonate Alkalinity as CaCO ₃	1.00	Err			

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Glibota Environmental

Job Number: 680-21474-1

Method Blank - Batch: 680-58561

Method: 376.2
Preparation: N/A

Lab Sample ID: MB 680-58561/11
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/27/2006 1450
Date Prepared: N/A

Analysis Batch: 680-58561
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

Analyte	Result	Qual	RL
Sulfide	0.10	U	0.10

Lab Control Spike - Batch: 680-58561

Method: 376.2
Preparation: N/A

Lab Sample ID: LCS 680-58561/12
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/27/2006 1450
Date Prepared: N/A

Analysis Batch: 680-58561
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Sulfide	0.498	0.507	102	80 - 120	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Glibota Environmental

Job Number: 680-21474-1

Method Blank - Batch: 680-58556

Lab Sample ID: MB 680-58556/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/27/2006 1407
Date Prepared: N/A

Analysis Batch: 680-58556
Prep Batch: N/A
Units: CFU/100mL

Method: 9222D Preparation: N/A

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Result	Qual	RL
Coliform, Fecal	1.0	U	1.0

Duplicate - Batch: 680-58556

Lab Sample ID: 680-21474-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/27/2006 1407
Date Prepared: N/A

Analysis Batch: 680-58556
Prep Batch: N/A
Units: CFU/100mL

Method: 9222D Preparation: N/A

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Coliform, Fecal	0.0	U	0.0	NC	200	U

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Glibota Environmental

Job Number: 680-21474-1

Method Blank - Batch: 680-58557

Method: 9223

Preparation: N/A

Lab Sample ID: MB 680-58557/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/27/2006 1415
Date Prepared: N/A

Analysis Batch: 680-58557
Prep Batch: N/A
Units: CFU/100mL

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Result	Qual	RL
Coliform, Total	1.0	U	1.0
Escherichia coli	1.0	U	1.0

Duplicate - Batch: 680-58557

Method: 9223

Preparation: N/A

Lab Sample ID: 680-21474-2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/27/2006 1415
Date Prepared: N/A

Analysis Batch: 680-58557
Prep Batch: N/A
Units: CFU/100mL

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Coliform, Total	5.20	7.50	36	200	
Escherichia coli	0.0 U	0.0	NC	200	U

Calculations are performed before rounding to avoid round-off errors in calculated results.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN
TRENT

STL

Serial Number

97571

☒ STL Savannah
5102 LaRoche Avenue
Savannah, GA 31404

 Website: www.stlinc.com
 Phone: (912) 354-7858
 Fax: (912) 352-0165

☐ Alternate Laboratory Name/Location

 Phone:
 Fax:

PROJECT REFERENCE <i>Western Co</i>		PROJECT NO.		PROJECT LOCATION (STATE) <i>CO</i>		MATRIX TYPE		REQUIRED ANALYSIS						PAGE 1 OF 1			
STL (LAB) PROJECT MANAGER <i>Bernard Kirland</i>		P.O. NUMBER		CONTRACT NO.		AQUEOUS (WATER)		HCL 524.2		HCL 525.2		310.1		200.8/2340C		STANDARD REPORT DELIVERY <input checked="" type="radio"/>	
CLIENT (SITE) PM <i>Tom Glibota</i>		CLIENT PHONE 720-810-3565		CLIENT FAX 303-771-2290		SOLID OR SEMISOLID		160.1		Zinc 376.2		Rsk 175 methane		150.1		DATE DUE <input checked="" type="radio"/>	
CLIENT NAME <i>Glibota Environmental</i>		CLIENT E-MAIL <i>tglibota@comcast.net</i>				NONAQUEOUS LIQUID (OIL, SOLVENT,...)		300.0 28D		SM 2150 odor		2120 B Color		EXPEDITED REPORT DELIVERY (SURCHARGE) <input type="radio"/>		DATE DUE	
CLIENT ADDRESS								1		1		1		2		NUMBER OF COOLERS SUBMITTED PER SHIPMENT: 2	
COMPANY CONTRACTING THIS WORK (if applicable)																	
SAMPLE		SAMPLE IDENTIFICATION						NUMBER OF CONTAINERS SUBMITTED								REMARKS	
DATE	TIME																
10/24/06	315 PM	Dolores						3		2		1		1		1	
10/25/06	1130 AM	ROSS						40		1		250		500		9222D Fecal Coli	
								ml		liter		ml		ml		(4) 100 ml w	
																thio/sample	
																8330 (1) 1 liter/sample	
																Also run 200.7	
																if sufficient	
																sample	
																Two coolers shipped	
RELINQUISHED BY: (SIGNATURE)		DATE		TIME		RELINQUISHED BY: (SIGNATURE)		DATE		TIME		RELINQUISHED BY: (SIGNATURE)		DATE		TIME	
<i>Tom Glibota</i>		10/26/06		5:00 PM		<i>To Fed Ex Denver</i>										1:00 1:00	
RECEIVED BY: (SIGNATURE)		DATE		TIME		RECEIVED BY: (SIGNATURE)		DATE		TIME		RECEIVED BY: (SIGNATURE)		DATE		TIME	
EMPTY CONTAINERS																	
RECEIVED FOR LABORATORY BY (SIGNATURE)		DATE		TIME		CUSTODY INTACT YES <input type="radio"/> NO <input type="radio"/>		CUSTODY SEAL NO.		STL SAVANNAH LOG NO.		LABORATORY REMARKS					
<i>Tom Glibota</i>		10/26/06		0900						6880-1		2147-4					