

Quality Control Results

Client: EcoSystems Inc

Job Number: 680-16599-1

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
General Chemistry				
Analysis Batch:680-44645				
LCS 680-44645/2	Lab Control Spike	Water	365.2	
MB 680-44645/1	Method Blank	Water	365.2	
680-16599-1	HER-MW07-0506	Water	365.2	
680-16599-1MS	Matrix Spike	Water	365.2	
680-16599-1MSD	Matrix Spike Duplicate	Water	365.2	
680-16599-2	HER-MW13-0506	Water	365.2	
680-16599-3	HER-MW14-0506	Water	365.2	
680-16599-4	HER-MW16-0506	Water	365.2	
680-16599-5	HER-RS3-0506	Water	365.2	
Analysis Batch:680-44667				
LCS 680-44667/2	Lab Control Spike	Water	3500 FE D	
MB 680-44667/1	Method Blank	Water	3500 FE D	
680-16599-1	HER-MW07-0506	Water	3500 FE D	
680-16599-1MS	Matrix Spike	Water	3500 FE D	
680-16599-1MSD	Matrix Spike Duplicate	Water	3500 FE D	
680-16599-2	HER-MW13-0506	Water	3500 FE D	
680-16599-3	HER-MW14-0506	Water	3500 FE D	
680-16599-4	HER-MW16-0506	Water	3500 FE D	
680-16599-5	HER-RS3-0506	Water	3500 FE D	
Analysis Batch:680-44800				
LCS 680-44800/12	Lab Control Spike	Water	376.2	
MB 680-44800/11	Method Blank	Water	376.2	
680-16599-1	HER-MW07-0506	Water	376.2	
680-16599-2	HER-MW13-0506	Water	376.2	
680-16599-3	HER-MW14-0506	Water	376.2	
680-16599-4	HER-MW16-0506	Water	376.2	
680-16599-5	HER-RS3-0506	Water	376.2	
Prep Batch: 680-45095				
LCS 680-45095/15-A	Lab Control Spike	Water	Distill/Phenol	
LCSD 680-45095/16-A	Lab Control Spike Duplicate	Water	Distill/Phenol	
MB 680-45095/14-A	Method Blank	Water	Distill/Phenol	
680-16599-1	HER-MW07-0506	Water	Distill/Phenol	
680-16599-2	HER-MW13-0506	Water	Distill/Phenol	
680-16599-3	HER-MW14-0506	Water	Distill/Phenol	
680-16599-4	HER-MW16-0506	Water	Distill/Phenol	
680-16599-5	HER-RS3-0506	Water	Distill/Phenol	

STL Savannah

Quality Control Results

Client: EcoSystems Inc

Job Number: 680-16599-1

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
General Chemistry				
Analysis Batch:680-45354				
LCS 680-45354/2	Lab Control Spike	Water	353.2	
LCSD 680-45354/3	Lab Control Spike Duplicate	Water	353.2	
MB 680-45354/1	Method Blank	Water	353.2	
680-16599-1	HER-MW07-0506	Water	353.2	
680-16599-2	HER-MW13-0506	Water	353.2	
680-16599-3	HER-MW14-0506	Water	353.2	
680-16599-4	HER-MW16-0506	Water	353.2	
680-16599-5	HER-RS3-0506	Water	353.2	
Analysis Batch:680-45442				
LCS 680-45442/2	Lab Control Spike	Water	415.1	
LCSD 680-45442/3	Lab Control Spike Duplicate	Water	415.1	
MB 680-45442/1	Method Blank	Water	415.1	
680-16599-1	HER-MW07-0506	Water	415.1	
680-16599-2	HER-MW13-0506	Water	415.1	
680-16599-3	HER-MW14-0506	Water	415.1	
680-16599-4	HER-MW16-0506	Water	415.1	
680-16599-5	HER-RS3-0506	Water	415.1	
Analysis Batch:680-45455				
LCS 680-45455/20	Lab Control Spike	Water	310.1	
MB 680-45455/21	Method Blank	Water	310.1	
680-16599-1	HER-MW07-0506	Water	310.1	
680-16599-2	HER-MW13-0506	Water	310.1	
680-16599-3	HER-MW14-0506	Water	310.1	
680-16599-4	HER-MW16-0506	Water	310.1	
680-16599-5	HER-RS3-0506	Water	310.1	
Analysis Batch:680-45461				
LCS 680-45461/16	Lab Control Spike	Water	350.1	
LCSD 680-45461/1	Lab Control Spike Duplicate	Water	350.1	
MB 680-45461/15	Method Blank	Water	350.1	
680-16599-1	HER-MW07-0506	Water	350.1	
680-16599-1MS	Matrix Spike	Water	350.1	
680-16599-1MSD	Matrix Spike Duplicate	Water	350.1	
680-16599-2	HER-MW13-0506	Water	350.1	
680-16599-3	HER-MW14-0506	Water	350.1	
680-16599-4	HER-MW16-0506	Water	350.1	
680-16599-5	HER-RS3-0506	Water	350.1	

STL Savannah

Quality Control Results

Client: EcoSystems Inc

Job Number: 680-16599-1

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
General Chemistry				
Analysis Batch:680-45571				
LCS 680-45571/2	Lab Control Spike	Water	375.4	
LCSD 680-45571/3	Lab Control Spike Duplicate	Water	375.4	
MB 680-45571/1	Method Blank	Water	375.4	
680-16599-1	HER-MW07-0506	Water	375.4	
680-16599-1DU	Duplicate	Water	375.4	
680-16599-2	HER-MW13-0506	Water	375.4	
680-16599-3	HER-MW14-0506	Water	375.4	
680-16599-4	HER-MW16-0506	Water	375.4	
680-16599-5	HER-RS3-0506	Water	375.4	
Analysis Batch:680-45604				
LCS 680-45604/2	Lab Control Spike	Water	325.2	
LCSD 680-45604/3	Lab Control Spike Duplicate	Water	325.2	
MB 680-45604/1	Method Blank	Water	325.2	
680-16599-1	HER-MW07-0506	Water	325.2	
680-16599-2	HER-MW13-0506	Water	325.2	
680-16599-3	HER-MW14-0506	Water	325.2	
680-16599-4	HER-MW16-0506	Water	325.2	
680-16599-5	HER-RS3-0506	Water	325.2	
Analysis Batch:680-45098				
LCS 680-45095/15-A	Lab Control Spike	Water	420.1	680-45095
LCSD 680-45095/16-A	Lab Control Spike Duplicate	Water	420.1	680-45095
MB 680-45095/14-A	Method Blank	Water	420.1	680-45095
680-16599-1	HER-MW07-0506	Water	420.1	680-45095
680-16599-2	HER-MW13-0506	Water	420.1	680-45095
680-16599-3	HER-MW14-0506	Water	420.1	680-45095
680-16599-4	HER-MW16-0506	Water	420.1	680-45095
680-16599-5	HER-RS3-0506	Water	420.1	680-45095

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Quality Control Results

Client: EcoSystems Inc

Job Number: 680-16599-1

Surrogate Recovery Report

8260B Volatile Organic Compounds by GC/MS

Client Matrix: Water

<u>Lab Sample ID</u>	<u>Client Sample</u>	(BFB) (%Rec)	(DBFM) (%Rec)	(TOL) (%Rec)
LCS 680-45723/2		111	91	86
LCS 680-45792/3		104	105	100
MB 680-45723/5		97	96	94
MB 680-45792/8		99	92	93
680-16599-1	HER-MW07-0506	97	92	94
680-16599-2	HER-MW13-0506	98	96	93
680-16599-3	HER-MW14-0506	98	95	92
680-16599-4	HER-MW16-0506	97	95	91
680-16599-5	HER-RS3-0506	98	93	94

<u>Surrogate</u>	<u>Acceptance Limits</u>
(BFB) 4-Bromofluorobenzene	77 - 120
(DBFM) Dibromofluoromethane	75 - 123
(TOL) Toluene-d8	79 - 122

Quality Control Results

Client: EcoSystems Inc

Job Number: 680-16599-1

Method Blank - Batch: 680-45723

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-45723/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/26/2006 0107
Date Prepared: 05/26/2006 0107

Analysis Batch: 680-45723
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq621.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	<1.0		1.0
Dichlorobromomethane	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<1.0		1.0
Methyl Ethyl Ketone	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0		1.0
2-Chloro-1,3-butadiene	<1.0		1.0
3-Chloro-1-propene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
Dichlorodifluoromethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10		10
Iodomethane	<5.0		5.0
Isobutanol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
methyl isobutyl ketone	<10		10
Pentachloroethane	<5.0		5.0

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

Quality Control Results

Client: EcoSystems Inc

Job Number: 680-16599-1

Method Blank - Batch: 680-45723

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-45723/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/26/2006 0107
Date Prepared: 05/26/2006 0107

Analysis Batch: 680-45723
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq621.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
Propionitrile	<20		20
Styrene	<1.0		1.0
1,1,1,2-Tetrachloroethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	97	77 - 120
Dibromofluoromethane	96	75 - 123
Toluene-d8	94	79 - 122

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

Quality Control Results

Client: EcoSystems Inc

Job Number: 680-16599-1

Laboratory Control Sample - Batch: 680-45723

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-45723/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/25/2006 2319
Date Prepared: 05/25/2006 2319

Analysis Batch: 680-45723
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq615.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	150	150	20 - 183	
Benzene	50.0	43	87	74 - 122	
Dichlorobromomethane	50.0	50	100	74 - 128	
Bromoform	50.0	58	115	64 - 132	
Bromomethane	50.0	30	59	21 - 176	
Methyl Ethyl Ketone	100	140	136	51 - 142	
Carbon disulfide	50.0	40	81	60 - 130	
Carbon tetrachloride	50.0	47	95	64 - 137	
Chlorobenzene	50.0	54	109	75 - 123	
Chloroethane	50.0	39	77	40 - 171	
Chloroform	50.0	45	90	74 - 124	
Chloromethane	50.0	24	48	51 - 133	*
Chlorodibromomethane	50.0	63	125	75 - 126	
1,2-Dibromo-3-Chloropropane	50.0	58	117	14 - 147	
Ethylene Dibromide	50.0	53	105	60 - 118	
Dibromomethane	50.0	46	92	70 - 130	
Dichlorodifluoromethane	50.0	21	43	70 - 130	*
1,1-Dichloroethane	50.0	40	79	70 - 127	
1,2-Dichloroethane	50.0	44	87	68 - 130	
1,1-Dichloroethene	50.0	38	77	64 - 132	
cis-1,2-Dichloroethene	50.0	40	81	69 - 126	
trans-1,2-Dichloroethene	50.0	41	82	67 - 130	
1,2-Dichloropropane	50.0	45	89	74 - 123	
cis-1,3-Dichloropropene	50.0	53	107	76 - 126	
trans-1,3-Dichloropropene	50.0	56	112	75 - 126	
Ethylbenzene	50.0	53	107	77 - 123	
2-Hexanone	100	160	158	58 - 139	*
Methylene Chloride	50.0	39	78	67 - 128	
methyl isobutyl ketone	100	120	119	62 - 130	
Styrene	50.0	55	110	75 - 125	
1,1,1,2-Tetrachloroethane	50.0	61	123	62 - 107	*
1,1,2,2-Tetrachloroethane	50.0	62	125	71 - 127	
Tetrachloroethene	50.0	55	109	70 - 133	
Toluene	50.0	46	91	75 - 122	
1,1,1-Trichloroethane	50.0	46	92	70 - 132	
1,1,2-Trichloroethane	50.0	51	102	75 - 122	
Trichloroethene	50.0	46	93	75 - 122	
Trichlorofluoromethane	50.0	37	74	74 - 165	
1,2,3-Trichloropropane	50.0	62	125	60 - 147	
Vinyl acetate	100	72	72	47 - 150	
Vinyl chloride	50.0	26	52	59 - 136	*

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

Quality Control Results

Client: EcoSystems Inc

Job Number: 680-16599-1

Laboratory Control Sample - Batch: 680-45723

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-45723/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/25/2006 2319
Date Prepared: 05/25/2006 2319

Analysis Batch: 680-45723
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq615.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Xylenes, Total	150	160	106	77 - 121	
Surrogate		% Rec		Acceptance Limits	
4-Bromofluorobenzene		111		77 - 120	
Dibromofluoromethane		91		75 - 123	
Toluene-d8		86		79 - 122	

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

Quality Control Results

Client: EcoSystems Inc

Job Number: 680-16599-1

Method Blank - Batch: 680-45792

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-45792/8
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/26/2006 1445
Date Prepared: 05/26/2006 1445

Analysis Batch: 680-45792
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq635.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	<1.0		1.0
Dichlorobromomethane	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<1.0		1.0
Methyl Ethyl Ketone	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0		1.0
2-Chloro-1,3-butadiene	<1.0		1.0
3-Chloro-1-propene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
Dichlorodifluoromethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10		10
Iodomethane	<5.0		5.0
Isobutanol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
methyl isobutyl ketone	<10		10
Pentachloroethane	<5.0		5.0

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

Quality Control Results

Client: EcoSystems Inc

Job Number: 680-16599-1

Method Blank - Batch: 680-45792

**Method: 8260B
Preparation: 5030B**

Lab Sample ID: MB 680-45792/8
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/26/2006 1445
Date Prepared: 05/26/2006 1445

Analysis Batch: 680-45792
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq635.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
Propionitrile	<20		20
Styrene	<1.0		1.0
1,1,1,2-Tetrachloroethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	99	77 - 120
Dibromofluoromethane	92	75 - 123
Toluene-d8	93	79 - 122

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

Quality Control Results

Client: EcoSystems Inc

Job Number: 680-16599-1

Laboratory Control Sample - Batch: 680-45792

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 680-45792/3
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 05/26/2006 1302
 Date Prepared: 05/26/2006 1302

Analysis Batch: 680-45792
 Prep Batch: N/A
 Units: ug/L

Instrument ID: GC/MS Volatiles - O
 Lab File ID: oq629.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	110	107	20 - 183	
Benzene	50.0	49	97	74 - 122	
Dichlorobromomethane	50.0	50	100	74 - 128	
Bromofom	50.0	51	102	64 - 132	
Bromomethane	50.0	39	78	21 - 176	
Methyl Ethyl Ketone	100	110	106	51 - 142	
Carbon disulfide	50.0	50	101	60 - 130	
Carbon tetrachloride	50.0	54	107	64 - 137	
Chlorobenzene	50.0	52	105	75 - 123	
Chloroethane	50.0	45	91	40 - 171	
Chloroform	50.0	50	100	74 - 124	
Chloromethane	50.0	44	88	51 - 133	
Chlorodibromomethane	50.0	57	113	75 - 126	
1,2-Dibromo-3-Chloropropane	50.0	51	102	14 - 147	
Ethylene Dibromide	50.0	53	105	60 - 118	
Dibromomethane	50.0	51	102	70 - 130	
Dichlorodifluoromethane	50.0	48	95	70 - 130	
1,1-Dichloroethane	50.0	48	97	70 - 127	
1,2-Dichloroethane	50.0	48	95	68 - 130	
1,1-Dichloroethene	50.0	49	99	64 - 132	
cis-1,2-Dichloroethene	50.0	50	100	69 - 126	
trans-1,2-Dichloroethene	50.0	50	101	67 - 130	
1,2-Dichloropropane	50.0	48	96	74 - 123	
cis-1,3-Dichloropropene	50.0	51	102	76 - 126	
trans-1,3-Dichloropropene	50.0	52	104	75 - 126	
Ethylbenzene	50.0	52	105	77 - 123	
2-Hexanone	100	110	112	58 - 139	
Methylene Chloride	50.0	49	98	67 - 128	
methyl isobutyl ketone	100	100	103	62 - 130	
Styrene	50.0	53	107	75 - 125	
1,1,1,2-Tetrachloroethane	50.0	55	111	62 - 107	
1,1,2,2-Tetrachloroethane	50.0	54	108	71 - 127	
Tetrachloroethene	50.0	55	111	70 - 133	
Toluene	50.0	49	98	75 - 122	
1,1,1-Trichloroethane	50.0	52	105	70 - 132	
1,1,2-Trichloroethane	50.0	50	101	75 - 122	
Trichloroethene	50.0	52	103	75 - 122	
Trichlorofluoromethane	50.0	51	103	74 - 165	
1,2,3-Trichloropropane	50.0	56	113	60 - 147	
Vinyl acetate	100	100	105	47 - 150	
Vinyl chloride	50.0	45	91	59 - 136	

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

Quality Control Results

Client: EcoSystems Inc

Job Number: 680-16599-1

Laboratory Control Sample - Batch: 680-45792

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-45792/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/26/2006 1302
Date Prepared: 05/26/2006 1302

Analysis Batch: 680-45792
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq629.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Xylenes, Total	150	160	105	77 - 121	
Surrogate		% Rec		Acceptance Limits	
4-Bromofluorobenzene		104		77 - 120	
Dibromofluoromethane		105		75 - 123	
Toluene-d8		100		79 - 122	

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

Quality Control Results

Client: EcoSystems Inc

Job Number: 680-16599-1

Laboratory Control Sample - Batch: 680-45000

Method: RSK-175
Preparation: N/A

Lab Sample ID: LCS 680-45000/15
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/18/2006 0228
Date Prepared: N/A

Analysis Batch: 680-45000
Prep Batch: N/A
Units: ug/L

Instrument ID: GC Volatiles - U TCD
Lab File ID: UQ815.D
Initial Weight/Volume:
Final Weight/Volume: 1000 uL
Injection Volume:

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Methane	1900	1610	85	75 - 125	

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

Quality Control Results

Client: EcoSystems Inc

Job Number: 680-16599-1

Method Blank - Batch: 680-45001

Method: RSK-175
Preparation: N/A

Lab Sample ID: MB 680-45001/16
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/17/2006 1855
Date Prepared: N/A

Analysis Batch: 680-45001
Prep Batch: N/A
Units: ug/L

Instrument ID: GC Volatiles - U FID
Lab File ID: UQ814.D
Initial Weight/Volume:
Final Weight/Volume: 1000 uL
Injection Volume:

Analyte	Result	Qual	RL
Methane	<0.19		0.19

Laboratory Control Sample - Batch: 680-45001

Method: RSK-175
Preparation: N/A

Lab Sample ID: LCS 680-45001/15
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/17/2006 1513
Date Prepared: N/A

Analysis Batch: 680-45001
Prep Batch: N/A
Units: ug/L

Instrument ID: GC Volatiles - U FID
Lab File ID: UQ808.D
Initial Weight/Volume:
Final Weight/Volume: 1000 uL
Injection Volume:

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Methane	150	174	116	75 - 125	

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

Quality Control Results

Client: EcoSystems Inc

Job Number: 680-16599-1

Method Blank - Batch: 680-45110

Lab Sample ID: MB 680-45110/21-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/22/2006 2014
Date Prepared: 05/19/2006 1100

Analysis Batch: 680-45380
Prep Batch: 680-45110
Units: mg/L

Method: 6010B
Preparation: 3005A
Total Recoverable

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

Analyte	Result	Qual	RL
Iron	<0.050		0.050
Manganese	<0.010		0.010

Laboratory Control Sample - Batch: 680-45110

Lab Sample ID: LCS 680-45110/22-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/22/2006 2018
Date Prepared: 05/19/2006 1100

Analysis Batch: 680-45380
Prep Batch: 680-45110
Units: mg/L

Method: 6010B
Preparation: 3005A
Total Recoverable

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

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Iron	1.00	0.977	98	75 - 125	
Manganese	0.500	0.514	103	75 - 125	

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

Quality Control Results

Client: EcoSystems Inc

Job Number: 680-16599-1

Method Blank - Batch: 680-47805

Lab Sample ID: MB 680-47799/13-B
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/19/2006 2314
Date Prepared: 06/19/2006 0943

Analysis Batch: 680-47966
Prep Batch: 680-47805
Units: mg/L

Method: 6010B
Preparation: 3005A
Dissolved

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

Analyte	Result	Qual	RL
Manganese, Dissolved	<0.010		0.010

Laboratory Control Sample - Batch: 680-47805

Lab Sample ID: LCS 680-47805/12-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/19/2006 2319
Date Prepared: 06/19/2006 0943

Analysis Batch: 680-47966
Prep Batch: 680-47805
Units: mg/L

Method: 6010B
Preparation: 3005A
Dissolved

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

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Manganese, Dissolved	0.500	0.520	104	75 - 125	

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

Quality Control Results

Client: EcoSystems Inc

Job Number: 680-16599-1

Method Blank - Batch: 680-45455

Method: 310.1
Preparation: N/A

Lab Sample ID: MB 680-45455/21
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/23/2006 1656
Date Prepared: N/A

Analysis Batch: 680-45455
Prep Batch: N/A
Units: mg/L

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

Analyte	Result	Qual	RL
Alkalinity	<1.0		1.0
Carbon dioxide	<1.0		1.0

Laboratory Control Sample - Batch: 680-45455

Method: 310.1
Preparation: N/A

Lab Sample ID: LCS 680-45455/20
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/23/2006 1656
Date Prepared: N/A

Analysis Batch: 680-45455
Prep Batch: N/A
Units: mg/L

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

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Alkalinity	192	193	100	80 - 120	

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

Quality Control Results

Client: EcoSystems Inc

Job Number: 680-16599-1

Method Blank - Batch: 680-45604

Method: 325.2
Preparation: N/A

Lab Sample ID: MB 680-45604/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/24/2006 1402
Date Prepared: N/A

Analysis Batch: 680-45604
Prep Batch: N/A
Units: mg/L

Instrument ID: KoneLab1
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

Analyte	Result	Qual	RL
Chloride	<1.0		1.0

**Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 680-45604**

Method: 325.2
Preparation: N/A

LCS Lab Sample ID: LCS 680-45604/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/24/2006 1403
Date Prepared: N/A

Analysis Batch: 680-45604
Prep Batch: N/A
Units: mg/L

Instrument ID: KoneLab1
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

LCSD Lab Sample ID: LCSD 680-45604/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/24/2006 1403
Date Prepared: N/A

Analysis Batch: 680-45604
Prep Batch: N/A
Units: mg/L

Instrument ID: KoneLab1
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Chloride	98	98	85 - 115	0	30		

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

Quality Control Results

Client: EcoSystems Inc

Job Number: 680-16599-1

Method Blank - Batch: 680-45461

Method: 350.1
Preparation: N/A

Lab Sample ID: MB 680-45461/15
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/23/2006 1604
Date Prepared: N/A

Analysis Batch: 680-45461
Prep Batch: N/A
Units: mg/L

Instrument ID: KoneLab1
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

Analyte	Result	Qual	RL
Ammonia	<0.030		0.030

**Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 680-45461**

Method: 350.1
Preparation: N/A

LCS Lab Sample ID: LCS 680-45461/16
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/23/2006 1615
Date Prepared: N/A

Analysis Batch: 680-45461
Prep Batch: N/A
Units: mg/L

Instrument ID: KoneLab1
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

LCSD Lab Sample ID: LCSD 680-45461/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/23/2006 1511
Date Prepared: N/A

Analysis Batch: 680-45461
Prep Batch: N/A
Units: mg/L

Instrument ID: KoneLab1
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Ammonia	96	101	90 - 110	5	30		

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

Quality Control Results

Client: EcoSystems Inc

Job Number: 680-16599-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-45461**

**Method: 350.1
Preparation: N/A**

MS Lab Sample ID: 680-16599-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/23/2006 1527
Date Prepared: N/A

Analysis Batch: 680-45461
Prep Batch: N/A

Instrument ID: KoneLab1
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

MSD Lab Sample ID: 680-16599-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/23/2006 1527
Date Prepared: N/A

Analysis Batch: 680-45461
Prep Batch: N/A

Instrument ID: KoneLab1
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Ammonia	99	98	90 - 110	1	30		

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

Quality Control Results

Client: EcoSystems Inc

Job Number: 680-16599-1

Method Blank - Batch: 680-44667

**Method: 3500 FE D
Preparation: N/A**

Lab Sample ID: MB 680-44667/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/15/2006 1011
Date Prepared: N/A

Analysis Batch: 680-44667
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	Result	Qual	RL
Ferrous Iron	<0.10		0.10

Laboratory Control Sample - Batch: 680-44667

**Method: 3500 FE D
Preparation: N/A**

Lab Sample ID: LCS 680-44667/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/15/2006 1011
Date Prepared: N/A

Analysis Batch: 680-44667
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
Ferrous Iron	2.00	2.0	99	80 - 120	

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-44667**

**Method: 3500 FE D
Preparation: N/A**

MS Lab Sample ID: 680-16599-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/15/2006 1011
Date Prepared: N/A

Analysis Batch: 680-44667
Prep Batch: N/A

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

MSD Lab Sample ID: 680-16599-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/15/2006 1011
Date Prepared: N/A

Analysis Batch: 680-44667
Prep Batch: N/A

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

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Ferrous Iron	105	107	80 - 120	2	20		

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

Quality Control Results

Client: EcoSystems Inc

Job Number: 680-16599-1

Method Blank - Batch: 680-45354

Method: 353.2
Preparation: N/A

Lab Sample ID: MB 680-45354/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/19/2006 1423
Date Prepared: N/A

Analysis Batch: 680-45354
Prep Batch: N/A
Units: mg/L

Instrument ID: KoneLab2
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

Analyte	Result	Qual	RL
Nitrogen, Nitrate	<0.050		0.050
Nitrogen, Nitrate Nitrite	<0.050		0.050
Nitrogen, Nitrite	<0.050		0.050

**Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 680-45354**

Method: 353.2
Preparation: N/A

LCS Lab Sample ID: LCS 680-45354/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/19/2006 1423
Date Prepared: N/A

Analysis Batch: 680-45354
Prep Batch: N/A
Units: mg/L

Instrument ID: KoneLab2
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

LCSD Lab Sample ID: LCSD 680-45354/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/19/2006 1423
Date Prepared: N/A

Analysis Batch: 680-45354
Prep Batch: N/A
Units: mg/L

Instrument ID: KoneLab2
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Nitrogen, Nitrate	102	104	80 - 120	2	30		
Nitrogen, Nitrate Nitrite	102	104	80 - 120	2	30		

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

Quality Control Results

Client: EcoSystems Inc

Job Number: 680-16599-1

Method Blank - Batch: 680-44645

Method: 365.2
Preparation: N/A

Lab Sample ID: MB 680-44645/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/13/2006 1607
Date Prepared: N/A

Analysis Batch: 680-44645
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	Result	Qual	RL
Orthophosphate	<0.050		0.050

Laboratory Control Sample - Batch: 680-44645

Method: 365.2
Preparation: N/A

Lab Sample ID: LCS 680-44645/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/13/2006 1607
Date Prepared: N/A

Analysis Batch: 680-44645
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
Orthophosphate	1.20	1.1	91	90 - 110	

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-44645**

Method: 365.2
Preparation: N/A

MS Lab Sample ID: 680-16599-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/13/2006 1607
Date Prepared: N/A

Analysis Batch: 680-44645
Prep Batch: N/A

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

MSD Lab Sample ID: 680-16599-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/13/2006 1607
Date Prepared: N/A

Analysis Batch: 680-44645
Prep Batch: N/A

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

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Orthophosphate	96	96	90 - 110	0	30		

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

Quality Control Results

Client: EcoSystems Inc

Job Number: 680-16599-1

Method Blank - Batch: 680-45571

Method: 375.4
Preparation: N/A

Lab Sample ID: MB 680-45571/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/24/2006 0844
Date Prepared: N/A

Analysis Batch: 680-45571
Prep Batch: N/A
Units: mg/L

Instrument ID: KoneLab1
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 2 mL

Analyte	Result	Qual	RL
Sulfate	<5.0		5.0

**Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 680-45571**

Method: 375.4
Preparation: N/A

LCS Lab Sample ID: LCS 680-45571/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/24/2006 0844
Date Prepared: N/A

Analysis Batch: 680-45571
Prep Batch: N/A
Units: mg/L

Instrument ID: KoneLab1
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 2 mL

LCSD Lab Sample ID: LCSD 680-45571/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/24/2006 0844
Date Prepared: N/A

Analysis Batch: 680-45571
Prep Batch: N/A
Units: mg/L

Instrument ID: KoneLab1
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 2 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Sulfate	104	104	75 - 125	0	30		

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

Quality Control Results

Client: EcoSystems Inc

Job Number: 680-16599-1

Matrix Duplicate - Batch: 680-45571

Method: 375.4
Preparation: N/A

Lab Sample ID: 680-16599-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/24/2006 1147
Date Prepared: N/A

Analysis Batch: 680-45571
Prep Batch: N/A
Units: mg/L

Instrument ID: KoneLab1
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 2 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Sulfate	19.3	18.4	5	30	

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

Quality Control Results

Client: EcoSystems Inc

Job Number: 680-16599-1

Method Blank - Batch: 680-44800

Method: 376.2
Preparation: N/A

Lab Sample ID: MB 680-44800/11
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/15/2006 1650
Date Prepared: N/A

Analysis Batch: 680-44800
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		0.10

Laboratory Control Sample - Batch: 680-44800

Method: 376.2
Preparation: N/A

Lab Sample ID: LCS 680-44800/12
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/15/2006 1650
Date Prepared: N/A

Analysis Batch: 680-44800
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	0.504	0.502	100	80 - 120	

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

Quality Control Results

Client: EcoSystems Inc

Job Number: 680-16599-1

Method Blank - Batch: 680-45442

Method: 415.1
Preparation: N/A

Lab Sample ID: MB 680-45442/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/22/2006 1028
Date Prepared: N/A

Analysis Batch: 680-45442
Prep Batch: N/A
Units: mg/L

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

Analyte	Result	Qual	RL
Total Organic Carbon	<1.0		1.0

**Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 680-45442**

Method: 415.1
Preparation: N/A

LCS Lab Sample ID: LCS 680-45442/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/22/2006 1028
Date Prepared: N/A

Analysis Batch: 680-45442
Prep Batch: N/A
Units: mg/L

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

LCSD Lab Sample ID: LCSD 680-45442/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/22/2006 1028
Date Prepared: N/A

Analysis Batch: 680-45442
Prep Batch: N/A
Units: mg/L

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

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Total Organic Carbon	94	94	80 - 120	0	25		

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

Quality Control Results

Client: EcoSystems Inc

Job Number: 680-16599-1

Method Blank - Batch: 680-45095

Method: 420.1
Preparation: Distill/Phenol

Lab Sample ID: MB 680-45095/14-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/19/2006 0925
Date Prepared: 05/19/2006 0640

Analysis Batch: 680-45098
Prep Batch: 680-45095
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
Phenolics, Total Recoverable	<0.050		0.050

**Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 680-45095**

Method: 420.1
Preparation: Distill/Phenol

LCS Lab Sample ID: LCS 680-45095/15-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/19/2006 0925
Date Prepared: 05/19/2006 0640

Analysis Batch: 680-45098
Prep Batch: 680-45095
Units: mg/L

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

LCSD Lab Sample ID: LCSD 680-45095/16-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/19/2006 0925
Date Prepared: 05/19/2006 0640

Analysis Batch: 680-45098
Prep Batch: 680-45095
Units: mg/L

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

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Phenolics, Total Recoverable	106	108	75 - 125	2	30		

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

LOGIN SAMPLE RECEIPT CHECK LIST

Client: EcoSystems Inc

Job Number: 680-16599-1

Login Number: 16599

<u>Question</u>	<u>T/F/NA</u>	<u>Comment</u>
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is 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	
There are no discrepancies between the sample IDs on the containers 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	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

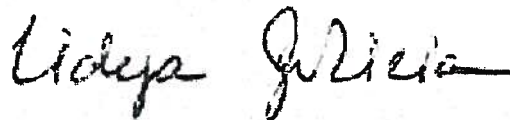
ANALYTICAL REPORT

Job Number: 680-16540-1

Job Description: Hercules Hattiesburg MAY 2006 (HER25080)

For:
EcoSystems Inc
6360 I55 North
Suite 330
Jackson, MS 39211

Attention: Mr. Charles Coney



Lidya Gulizia
Project Manager I
lgulizia@stl-inc.com
06/21/2006
Revision: 1

Project Manager: Lidya Gulizia

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the STL Project Manager who signed this test report.

Severn Trent Laboratories, Inc.

STL Savannah 5102 LaRoche Avenue, Savannah, GA 31404
Tel (912) 354-7858 Fax (912) 351-3673 www.stl-inc.com

METHOD SUMMARY

Client: EcoSystems Inc

Job Number: 680-16540-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds by GC/MS	STL-SAV	SW846 8260B	
Purge-and-Trap	STL-SAV		SW846 5030B
Dissolved Gases in Water	STL-SAV	RSK RSK-175	
Inductively Coupled Plasma - Atomic Emission Spectrometry	STL-SAV	SW846 6010B	
Acid Digestion of Waters for Total Recoverable or Sample Filtration	STL-SAV STL-SAV		SW846 3005A FILTRATION
Alkalinity - Titrimetric, pH 4.5	STL-SAV	MCAWW 310.1	
Chloride (Colorimetric, Automated Ferricyanide)	STL-SAV	MCAWW 325.2	
Nitrogen (Ammonia, Colorimetric, Automated Phenate)	STL-SAV	MCAWW 350.1	
Ferrous Iron	STL-SAV	SM18 3500 FE D	
Nitrogen, Nitrate-Nitrite (Colorimetric, Automated, Cadmium Reduction)	STL-SAV	MCAWW 353.2	
Phosphorus, orthophosphate, Colorimetric, Single Reagent	STL-SAV	MCAWW 365.2	
Sulfate (Turbidimetric)	STL-SAV	MCAWW 375.4	
Sulfide (Colorimetric, Methylene Blue)	STL-SAV	MCAWW 376.2	
Total Organic Carbon, Combustion or Oxidation	STL-SAV	MCAWW 415.1	
Phenolics (Spectrophotometric, Manual 4-AAP with Distillation)	STL-SAV	MCAWW 420.1	
Distillation/Phenolics	STL-SAV		Distill/Phenol

LAB REFERENCES:

STL-SAV = STL-Savannah

METHOD REFERENCES:

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.

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

METHOD / ANALYST SUMMARY

Client: EcoSystems Inc

Job Number: 680-16540-1

Method	Analyst	Analyst ID
SW846 8260B	Graham, Demetri	DG
SW846 8260B	Jakubsen, Melanie	MJ
RSK RSK-175	Agresta, Maria	MA
SW846 6010B	Bland, Brian	BB
MCAWW 310.1	Case, Tim	TC
MCAWW 325.2	Ross, Jon	JR
MCAWW 350.1	Ross, Jon	JR
SM18 3500 FE D	McDonald, Debbie	DM
MCAWW 353.2	McDonald, Debbie	DM
MCAWW 353.2	Ross, Jon	JR
MCAWW 365.2	McDonald, Debbie	DM
MCAWW 375.4	Ross, Jon	JR
MCAWW 376.2	Vasquez, Juana	JV
MCAWW 415.1	Blackshear, Kim	KB
MCAWW 420.1	Vasquez, Juana	JV

SAMPLE SUMMARY

Client: EcoSystems Inc

Job Number: 680-16540-1

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	<u>Client Matrix</u>	<u>Date/Time Sampled</u>	<u>Date/Time Received</u>
680-16540-1	HER-MW02-0506	Water	05/11/2006 0930	05/12/2006 0924
680-16540-2	HER-MW03-0506	Water	05/11/2006 0830	05/12/2006 0924
680-16540-3	HER-MW04-0506	Water	05/11/2006 1115	05/12/2006 0924
680-16540-4	HER-MW05-0506	Water	05/11/2006 1310	05/12/2006 0924
680-16540-5	HER-MW10-0506	Water	05/11/2006 1030	05/12/2006 0924
680-16540-6	HER-MW11-0506	Water	05/11/2006 1205	05/12/2006 0924
680-16540-7	HER-MW12-0506	Water	05/11/2006 1410	05/12/2006 0924
680-16540-8	HER-MW06-0506	Water	05/11/2006 1515	05/12/2006 0924
680-16540-9	Trip Blank 1	Water	05/11/2006 0000	05/12/2006 0924
680-16540-10	Trip Blank 2	Water	05/11/2006 0000	05/12/2006 0924
680-16540-11	Trip Blank 3	Water	05/11/2006 0000	05/12/2006 0924

SAMPLE RESULTS

Analytical Data

Client: EcoSystems Inc

Job Number: 680-16540-1

Client Sample ID: HER-MW02-0506

Lab Sample ID: 680-16540-1

Date Sampled: 05/11/2006 0930

Client Matrix: Water

Date Received: 05/12/2006 0924

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 680-45565

Instrument ID: GC/MS Volatiles - O

Preparation: 5030B

Lab File ID: o2087.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 05/25/2006 0002

Final Weight/Volume: 5 mL

Date Prepared: 05/25/2006 0002

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	<1.0		1.0
Dichlorobromomethane	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<1.0		1.0
Methyl Ethyl Ketone	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0		1.0
2-Chloro-1,3-butadiene	<1.0		1.0
3-Chloro-1-propene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
Dichlorodifluoromethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10		10
Iodomethane	<5.0		5.0
Isobutanol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
methyl isobutyl ketone	<10		10
Pentachloroethane	<5.0		5.0
Propionitrile	<20		20
Styrene	<1.0		1.0

Analytical Data

Client: EcoSystems Inc

Job Number: 680-16540-1

Client Sample ID: HER-MW03-0506

Lab Sample ID: 680-16540-2

Date Sampled: 05/11/2006 0830

Client Matrix: Water

Date Received: 05/12/2006 0924

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 680-45570

Instrument ID: GC/MS Volatiles - O

Preparation: 5030B

Lab File ID: o2088.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 05/25/2006 0020

Final Weight/Volume: 5 mL

Date Prepared: 05/25/2006 0020

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	<1.0		1.0
Dichlorobromomethane	<1.0		1.0
Bromoform	<1.0	*	1.0
Bromomethane	<1.0		1.0
Methyl Ethyl Ketone	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0		1.0
2-Chloro-1,3-butadiene	<1.0		1.0
3-Chloro-1-propene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
Dichlorodifluoromethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10		10
Iodomethane	<5.0		5.0
Isobutanol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
methyl isobutyl ketone	<10		10
Pentachloroethane	<5.0		5.0
Propionitrile	<20		20
Styrene	<1.0		1.0

Analytical Data

Client: EcoSystems Inc

Job Number: 680-16540-1

Client Sample ID: HER-MW03-0506

Lab Sample ID: 680-16540-2
Client Matrix: WaterDate Sampled: 05/11/2006 0830
Date Received: 05/12/2006 0924**8260B Volatile Organic Compounds by GC/MS**

Method:	8260B	Analysis Batch: 680-45570	Instrument ID: GC/MS Volatiles - O
Preparation:	5030B		Lab File ID: o2088.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	05/25/2006 0020		Final Weight/Volume: 5 mL
Date Prepared:	05/25/2006 0020		

Analyte	Result (ug/L)	Qualifier	RL
1,1,1,2-Tetrachloroethane	<1.0	*	1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec		Acceptance Limits
4-Bromofluorobenzene	102		77 - 120
Dibromofluoromethane	103		75 - 123
Toluene-d8	93		79 - 122

Analytical Data

Client: EcoSystems Inc

Job Number: 680-16540-1

Client Sample ID: HER-MW04-0506

Lab Sample ID: 680-16540-3

Date Sampled: 05/11/2006 1115

Client Matrix: Water

Date Received: 05/12/2006 0924

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 680-45565

Instrument ID: GC/MS Volatiles - O

Preparation: 5030B

Lab File ID: o2089.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 05/25/2006 0038

Final Weight/Volume: 5 mL

Date Prepared: 05/25/2006 0038

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	<1.0		1.0
Dichlorobromomethane	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<1.0		1.0
Methyl Ethyl Ketone	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0		1.0
2-Chloro-1,3-butadiene	<1.0		1.0
3-Chloro-1-propene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
Dichlorodifluoromethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10		10
Iodomethane	<5.0		5.0
Isobutanol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
methyl isobutyl ketone	<10		10
Pentachloroethane	<5.0		5.0
Propionitrile	<20		20
Styrene	<1.0		1.0

Analytical Data

Client: EcoSystems Inc

Job Number: 680-16540-1

Client Sample ID: HER-MW04-0506

Lab Sample ID: 680-16540-3

Date Sampled: 05/11/2006 1115

Client Matrix: Water

Date Received: 05/12/2006 0924

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 680-45565

Instrument ID: GC/MS Volatiles - O

Preparation: 5030B

Lab File ID: o2089.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 05/25/2006 0038

Final Weight/Volume: 5 mL

Date Prepared: 05/25/2006 0038

Analyte	Result (ug/L)	Qualifier	RL
1,1,1,2-Tetrachloroethane	<1.0	*	1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec		Acceptance Limits
4-Bromofluorobenzene	99		77 - 120
Dibromofluoromethane	94		75 - 123
Toluene-d8	93		79 - 122

Analytical Data

Client: EcoSystems Inc

Job Number: 680-16540-1

Client Sample ID: HER-MW05-0506

Lab Sample ID: 680-16540-4

Date Sampled: 05/11/2006 1310

Client Matrix: Water

Date Received: 05/12/2006 0924

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 680-45570

Instrument ID: GC/MS Volatiles - O

Preparation: 5030B

Lab File ID: o2090.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 05/25/2006 0055

Final Weight/Volume: 5 mL

Date Prepared: 05/25/2006 0055

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	<1.0		1.0
Dichlorobromomethane	<1.0		1.0
Bromoform	<1.0	*	1.0
Bromomethane	<1.0		1.0
Methyl Ethyl Ketone	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	1.8		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0		1.0
2-Chloro-1,3-butadiene	<1.0		1.0
3-Chloro-1-propene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
Dichlorodifluoromethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10		10
Iodomethane	<5.0		5.0
Isobutanol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
methyl isobutyl ketone	<10		10
Pentachloroethane	<5.0		5.0
Propionitrile	<20		20
Styrene	<1.0		1.0

Analytical Data

Client: EcoSystems Inc

Job Number: 680-16540-1

Client Sample ID: HER-MW05-0506

Lab Sample ID: 680-16540-4

Date Sampled: 05/11/2006 1310

Client Matrix: Water

Date Received: 05/12/2006 0924

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 680-45570

Instrument ID: GC/MS Volatiles - O

Preparation: 5030B

Lab File ID: o2090.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 05/25/2006 0055

Final Weight/Volume: 5 mL

Date Prepared: 05/25/2006 0055

Analyte	Result (ug/L)	Qualifier	RL
1,1,1,2-Tetrachloroethane	<1.0	*	1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec		Acceptance Limits
4-Bromofluorobenzene	98		77 - 120
Dibromofluoromethane	107		75 - 123
Toluene-d8	93		79 - 122

Analytical Data

Client: EcoSystems Inc

Job Number: 680-16540-1

Client Sample ID: HER-MW10-0506

Lab Sample ID: 680-16540-5

Date Sampled: 05/11/2006 1030

Client Matrix: Water

Date Received: 05/12/2006 0924

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 680-45565

Instrument ID: GC/MS Volatiles - O

Preparation: 5030B

Lab File ID: o2091.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 05/25/2006 0113

Final Weight/Volume: 5 mL

Date Prepared: 05/25/2006 0113

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	<1.0		1.0
Dichlorobromomethane	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<1.0		1.0
Methyl Ethyl Ketone	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0		1.0
2-Chloro-1,3-butadiene	<1.0		1.0
3-Chloro-1-propene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
Dichlorodifluoromethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10		10
Iodomethane	<5.0		5.0
Isobutanol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
methyl isobutyl ketone	<10		10
Pentachloroethane	<5.0		5.0
Propionitrile	<20		20
Styrene	<1.0		1.0

Analytical Data

Client: EcoSystems Inc

Job Number: 680-16540-1

Client Sample ID: HER-MW10-0506

Lab Sample ID: 680-16540-5

Date Sampled: 05/11/2006 1030

Client Matrix: Water

Date Received: 05/12/2006 0924

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 680-45565

Instrument ID: GC/MS Volatiles - O

Preparation: 5030B

Lab File ID: o2091.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 05/25/2006 0113

Final Weight/Volume: 5 mL

Date Prepared: 05/25/2006 0113

Analyte	Result (ug/L)	Qualifier	RL
1,1,1,2-Tetrachloroethane	<1.0	*	1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec		Acceptance Limits
4-Bromofluorobenzene	98		77 - 120
Dibromofluoromethane	94		75 - 123
Toluene-d8	94		79 - 122

Analytical Data

Client: EcoSystems Inc

Job Number: 680-16540-1

Client Sample ID: HER-MW11-0506

Lab Sample ID: 680-16540-6

Date Sampled: 05/11/2006 1205

Client Matrix: Water

Date Received: 05/12/2006 0924

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 680-45570

Instrument ID: GC/MS Volatiles - O

Preparation: 5030B

Lab File ID: o2092.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 05/25/2006 0130

Final Weight/Volume: 5 mL

Date Prepared: 05/25/2006 0130

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	<1.0		1.0
Dichlorobromomethane	<1.0		1.0
Bromoform	<1.0	*	1.0
Bromomethane	<1.0		1.0
Methyl Ethyl Ketone	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0		1.0
2-Chloro-1,3-butadiene	<1.0		1.0
3-Chloro-1-propene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
Dichlorodifluoromethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10		10
Iodomethane	<5.0		5.0
Isobutanol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
methyl isobutyl ketone	<10		10
Pentachloroethane	<5.0		5.0
Propionitrile	<20		20
Styrene	<1.0		1.0

Analytical Data

Client: EcoSystems Inc

Job Number: 680-16540-1

Client Sample ID: HER-MW11-0506

Lab Sample ID: 680-16540-6

Date Sampled: 05/11/2006 1205

Client Matrix: Water

Date Received: 05/12/2006 0924

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 680-45570

Instrument ID: GC/MS Volatiles - O

Preparation: 5030B

Lab File ID: o2092.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 05/25/2006 0130

Final Weight/Volume: 5 mL

Date Prepared: 05/25/2006 0130

Analyte	Result (ug/L)	Qualifier	RL
1,1,1,2-Tetrachloroethane	<1.0	*	1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec		Acceptance Limits
4-Bromofluorobenzene	99		77 - 120
Dibromofluoromethane	105		75 - 123
Toluene-d8	92		79 - 122

Analytical Data

Client: EcoSystems Inc

Job Number: 680-16540-1

Client Sample ID: HER-MW12-0506

Lab Sample ID: 680-16540-7

Date Sampled: 05/11/2006 1410

Client Matrix: Water

Date Received: 05/12/2006 0924

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 680-45638	Instrument ID: GC/MS Volatiles - O
Preparation:	5030B		Lab File ID: o2110.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	05/25/2006 1414		Final Weight/Volume: 5 mL
Date Prepared:	05/25/2006 1414		

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	<1.0		1.0
Dichlorobromomethane	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<1.0		1.0
Methyl Ethyl Ketone	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0		1.0
2-Chloro-1,3-butadiene	<1.0		1.0
3-Chloro-1-propene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
Dichlorodifluoromethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10		10
Iodomethane	<5.0		5.0
Isobutanol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
methyl isobutyl ketone	<10		10
Pentachloroethane	<5.0		5.0
Propionitrile	<20		20
Styrene	<1.0		1.0

Analytical Data

Client: EcoSystems Inc

Job Number: 680-16540-1

Client Sample ID: HER-MW12-0506

Lab Sample ID: 680-16540-7

Date Sampled: 05/11/2006 1410

Client Matrix: Water

Date Received: 05/12/2006 0924

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 680-45638

Instrument ID: GC/MS Volatiles - O

Preparation: 5030B

Lab File ID: o2110.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 05/25/2006 1414

Final Weight/Volume: 5 mL

Date Prepared: 05/25/2006 1414

Analyte	Result (ug/L)	Qualifier	RL
1,1,1,2-Tetrachloroethane	<1.0	*	1.0
1,1,1,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec		Acceptance Limits
4-Bromofluorobenzene	99		77 - 120
Dibromofluoromethane	102		75 - 123
Toluene-d8	92		79 - 122

Analytical Data

Client: EcoSystems Inc

Job Number: 680-16540-1

Client Sample ID: HER-MW06-0506

Lab Sample ID: 680-16540-8

Date Sampled: 05/11/2006 1515

Client Matrix: Water

Date Received: 05/12/2006 0924

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 680-45638

Instrument ID: GC/MS Volatiles - O

Preparation: 5030B

Lab File ID: o2108.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 05/25/2006 1338

Final Weight/Volume: 5 mL

Date Prepared: 05/25/2006 1338

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	<1.0		1.0
Dichlorobromomethane	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<1.0		1.0
Methyl Ethyl Ketone	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0		1.0
2-Chloro-1,3-butadiene	<1.0		1.0
3-Chloro-1-propene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
Dichlorodifluoromethane	<1.0	*	1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10		10
Iodomethane	<5.0		5.0
Isobutanol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
methyl isobutyl ketone	<10		10
Pentachloroethane	<5.0		5.0
Propionitrile	<20		20
Styrene	<1.0		1.0

Analytical Data

Client: EcoSystems Inc

Job Number: 680-16540-1

Client Sample ID: HER-MW06-0506

Lab Sample ID: 680-16540-8

Date Sampled: 05/11/2006 1515

Client Matrix: Water

Date Received: 05/12/2006 0924

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/25/2006 1338
Date Prepared: 05/25/2006 1338

Analysis Batch: 680-45638

Instrument ID: GC/MS Volatiles - O
Lab File ID: o2108.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,1,1,2-Tetrachloroethane	<1.0	*	1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec		Acceptance Limits
4-Bromofluorobenzene	99		77 - 120
Dibromofluoromethane	108		75 - 123
Toluene-d8	95		79 - 122

Analytical Data

Client: EcoSystems Inc

Job Number: 680-16540-1

Client Sample ID: Trip Blank 1

Lab Sample ID: 680-16540-9

Date Sampled: 05/11/2006 0000

Client Matrix: Water

Date Received: 05/12/2006 0924

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 680-45638

Instrument ID: GC/MS Volatiles - O

Preparation: 5030B

Lab File ID: o2112.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 05/25/2006 1450

Final Weight/Volume: 5 mL

Date Prepared: 05/25/2006 1450

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	<1.0		1.0
Dichlorobromomethane	<1.0		1.0
Bromofom	<1.0		1.0
Bromomethane	<1.0		1.0
Methyl Ethyl Ketone	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0		1.0
2-Chloro-1,3-butadiene	<1.0		1.0
3-Chloro-1-propene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
Dichlorodifluoromethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10		10
Iodomethane	<5.0		5.0
Isobutanol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
methyl isobutyl ketone	<10		10
Pentachloroethane	<5.0		5.0
Propionitrile	<20		20
Styrene	<1.0		1.0

Analytical Data

Client: EcoSystems Inc

Job Number: 680-16540-1

Client Sample ID: Trip Blank 1

Lab Sample ID: 680-16540-9

Date Sampled: 05/11/2006 0000

Client Matrix: Water

Date Received: 05/12/2006 0924

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 680-45638

Instrument ID: GC/MS Volatiles - O

Preparation: 5030B

Lab File ID: o2112.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 05/25/2006 1450

Final Weight/Volume: 5 mL

Date Prepared: 05/25/2006 1450

Analyte	Result (ug/L)	Qualifier	RL
1,1,1,2-Tetrachloroethane	<1.0	*	1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec		Acceptance Limits
4-Bromofluorobenzene	102		77 - 120
Dibromofluoromethane	100		75 - 123
Toluene-d8	92		79 - 122

Analytical Data

Client: EcoSystems Inc

Job Number: 680-16540-1

Client Sample ID: Trip Blank 2

Lab Sample ID: 680-16540-10

Date Sampled: 05/11/2006 0000

Client Matrix: Water

Date Received: 05/12/2006 0924

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 680-45638	Instrument ID: GC/MS Volatiles - O
Preparation:	5030B		Lab File ID: o2114.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	05/25/2006 1526		Final Weight/Volume: 5 mL
Date Prepared:	05/25/2006 1526		

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	<1.0		1.0
Dichlorobromomethane	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<1.0		1.0
Methyl Ethyl Ketone	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0		1.0
2-Chloro-1,3-butadiene	<1.0		1.0
3-Chloro-1-propene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
Dichlorodifluoromethane	<1.0	*	1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10		10
Iodomethane	<5.0		5.0
Isobutanol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
methyl isobutyl ketone	<10		10
Pentachloroethane	<5.0		5.0
Propionitrile	<20		20
Styrene	<1.0		1.0

Analytical Data

Client: EcoSystems Inc

Job Number: 680-16540-1

Client Sample ID: Trip Blank 2

Lab Sample ID: 680-16540-10

Date Sampled: 05/11/2006 0000

Client Matrix: Water

Date Received: 05/12/2006 0924

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 680-45638

Instrument ID: GC/MS Volatiles - O

Preparation: 5030B

Lab File ID: o2114.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 05/25/2006 1526

Final Weight/Volume: 5 mL

Date Prepared: 05/25/2006 1526

Analyte	Result (ug/L)	Qualifier	RL
1,1,1,2-Tetrachloroethane	<1.0	*	1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec		Acceptance Limits
4-Bromofluorobenzene	100		77 - 120
Dibromofluoromethane	104		75 - 123
Toluene-d8	91		79 - 122

Analytical Data

Client: EcoSystems Inc

Job Number: 680-16540-1

Client Sample ID: Trip Blank 3

Lab Sample ID: 680-16540-11

Date Sampled: 05/11/2006 0000

Client Matrix: Water

Date Received: 05/12/2006 0924

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 680-45638	Instrument ID: GC/MS Volatiles - O
Preparation:	5030B		Lab File ID: o2116.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	05/25/2006 1603		Final Weight/Volume: 5 mL
Date Prepared:	05/25/2006 1603		

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	<1.0		1.0
Dichlorobromomethane	<1.0		1.0
Bromofom	<1.0		1.0
Bromomethane	<1.0		1.0
Methyl Ethyl Ketone	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
Chloroethane	<1.0		1.0
Chlorofom	<1.0		1.0
Chloromethane	<1.0		1.0
2-Chloro-1,3-butadiene	<1.0		1.0
3-Chloro-1-propene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
Dichlorodifluoromethane	<1.0	*	1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10		10
Iodomethane	<5.0		5.0
Isobutanol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
methyl isobutyl ketone	<10		10
Pentachloroethane	<5.0		5.0
Propionitrile	<20		20
Styrene	<1.0		1.0

Analytical Data

Client: EcoSystems Inc

Job Number: 680-16540-1

Client Sample ID: Trip Blank 3

Lab Sample ID: 680-16540-11

Date Sampled: 05/11/2006 0000

Client Matrix: Water

Date Received: 05/12/2006 0924

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 680-45638

Instrument ID: GC/MS Volatiles - O

Preparation: 5030B

Lab File ID: o2116.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 05/25/2006 1603

Final Weight/Volume: 5 mL

Date Prepared: 05/25/2006 1603

Analyte	Result (ug/L)	Qualifier	RL
1,1,1,2-Tetrachloroethane	<1.0	*	1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec		Acceptance Limits
4-Bromofluorobenzene	99		77 - 120
Dibromofluoromethane	103		75 - 123
Toluene-d8	91		79 - 122

Analytical Data

Client: EcoSystems Inc

Job Number: 680-16540-1

Client Sample ID: HER-MW02-0506

Lab Sample ID: 680-16540-1

Date Sampled: 05/11/2006 0930

Client Matrix: Water

Date Received: 05/12/2006 0924

RSK-175 Dissolved Gases in Water

Method: RSK-175

Analysis Batch: 680-45001

Instrument ID: GC Volatiles - U FID

Preparation: N/A

Lab File ID: U1822.D

Dilution: 1.0

Initial Weight/Volume:

Date Analyzed: 05/18/2006 0957

Final Weight/Volume: 1000 uL

Date Prepared: N/A

Injection Volume:

Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Methane	7.0		0.19

Analytical Data

Client: EcoSystems Inc

Job Number: 680-16540-1

Client Sample ID: HER-MW03-0506

Lab Sample ID: 680-16540-2

Date Sampled: 05/11/2006 0830

Client Matrix: Water

Date Received: 05/12/2006 0924

RSK-175 Dissolved Gases in Water

Method: RSK-175

Analysis Batch: 680-45001

Instrument ID: GC Volatiles - U FID

Preparation: N/A

Lab File ID: U1823.D

Dilution: 1.0

Initial Weight/Volume:

Date Analyzed: 05/18/2006 1013

Final Weight/Volume: 1000 uL

Date Prepared: N/A

Injection Volume:

Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Methane	13		0.19

Analytical Data

Client: EcoSystems Inc

Job Number: 680-16540-1

Client Sample ID: HER-MW04-0506

Lab Sample ID: 680-16540-3

Date Sampled: 05/11/2006 1115

Client Matrix: Water

Date Received: 05/12/2006 0924

RSK-175 Dissolved Gases in Water

Method: RSK-175

Analysis Batch: 680-45000

Instrument ID: GC Volatiles - U TCD

Preparation: N/A

Lab File ID: U1800.D

Dilution: 1.0

Initial Weight/Volume:

Date Analyzed: 05/17/2006 2046

Final Weight/Volume: 1000 uL

Date Prepared: N/A

Injection Volume:

Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Methane	970		0.19

Analytical Data

Client: EcoSystems Inc

Job Number: 680-16540-1

Client Sample ID: HER-MW05-0506

Lab Sample ID: 680-16540-4

Client Matrix: Water

Date Sampled: 05/11/2006 1310

Date Received: 05/12/2006 0924

RSK-175 Dissolved Gases in Water

Method: RSK-175

Analysis Batch: 680-45000

Instrument ID: GC Volatiles - U TCD

Preparation: N/A

Lab File ID: U1801.D

Dilution: 1.0

Initial Weight/Volume:

Date Analyzed: 05/17/2006 2102

Final Weight/Volume: 1000 uL

Date Prepared: N/A

Injection Volume:

Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Methane	4700		0.19

Analytical Data

Client: EcoSystems Inc

Job Number: 680-16540-1

Client Sample ID: HER-MW10-0506

Lab Sample ID: 680-16540-5

Date Sampled: 05/11/2006 1030

Client Matrix: Water

Date Received: 05/12/2006 0924

RSK-175 Dissolved Gases in Water

Method: RSK-175

Analysis Batch: 680-45001

Instrument ID: GC Volatiles - U FID

Preparation: N/A

Lab File ID: U1824.D

Dilution: 1.0

Initial Weight/Volume:

Date Analyzed: 05/18/2006 1029

Final Weight/Volume: 1000 uL

Date Prepared: N/A

Injection Volume:

Column ID: PRIMARY

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

Analytical Data

Client: EcoSystems Inc

Job Number: 680-16540-1

Client Sample ID: HER-MW11-0506

Lab Sample ID: 680-16540-6

Client Matrix: Water

Date Sampled: 05/11/2006 1205

Date Received: 05/12/2006 0924

RSK-175 Dissolved Gases in Water

Method: RSK-175

Analysis Batch: 680-45000

Instrument ID: GC Volatiles - U TCD

Preparation: N/A

Lab File ID: U1803.D

Dilution: 1.0

Initial Weight/Volume:

Date Analyzed: 05/17/2006 2135

Final Weight/Volume: 1000 uL

Date Prepared: N/A

Injection Volume:

Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Methane	480		0.19

Analytical Data

Client: EcoSystems Inc

Job Number: 680-16540-1

Client Sample ID: HER-MW12-0506

Lab Sample ID: 680-16540-7

Date Sampled: 05/11/2006 1410

Client Matrix: Water

Date Received: 05/12/2006 0924

RSK-175 Dissolved Gases in Water

Method: RSK-175

Analysis Batch: 680-45001

Instrument ID: GC Volatiles - U FID

Preparation: N/A

Lab File ID: U1804.D

Dilution: 1.0

Initial Weight/Volume:

Date Analyzed: 05/17/2006 2151

Final Weight/Volume: 1000 uL

Date Prepared: N/A

Injection Volume:

Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Methane	120		0.19

Analytical Data

Client: EcoSystems Inc

Job Number: 680-16540-1

Client Sample ID: HER-MW06-0506

Lab Sample ID: 680-16540-8

Client Matrix: Water

Date Sampled: 05/11/2006 1515

Date Received: 05/12/2006 0924

RSK-175 Dissolved Gases in Water

Method: RSK-175

Analysis Batch: 680-45001

Instrument ID: GC Volatiles - U FID

Preparation: N/A

Lab File ID: U1825.D

Dilution: 1.0

Initial Weight/Volume:

Date Analyzed: 05/18/2006 1046

Final Weight/Volume: 1000 uL

Date Prepared: N/A

Injection Volume:

Column ID: PRIMARY

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

Analytical Data

Client: EcoSystems Inc

Job Number: 680-16540-1

Client Sample ID: HER-MW02-0506Lab Sample ID: 680-16540-1
Client Matrix: WaterDate Sampled: 05/11/2006 0930
Date Received: 05/12/2006 0924**6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Total Recoverable**

Method:	6010B	Analysis Batch: 680-44843	Instrument ID:	ICP/AES
Preparation:	3005A	Prep Batch: 680-44557	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	05/16/2006 2103		Final Weight/Volume:	50 mL
Date Prepared:	05/15/2006 1216			

Analyte	Result (mg/L)	Qualifier	RL
Iron	4.6		0.050
Manganese	1.5		0.010

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Dissolved

Method:	6010B	Analysis Batch: 680-47968	Instrument ID:	ICP/AES
Preparation:	3005A	Prep Batch: 680-47814	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	06/20/2006 0150		Final Weight/Volume:	50 mL
Date Prepared:	06/19/2006 1006			

Analyte	Result (mg/L)	Qualifier	RL
Manganese, Dissolved	1.3		0.010

Analytical Data

Client: EcoSystems Inc

Job Number: 680-16540-1

Client Sample ID: HER-MW03-0506

Lab Sample ID: 680-16540-2
Client Matrix: WaterDate Sampled: 05/11/2006 0830
Date Received: 05/12/2006 0924**6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Total Recoverable**

Method:	6010B	Analysis Batch: 680-44843	Instrument ID:	ICP/AES
Preparation:	3005A	Prep Batch: 680-44557	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	05/16/2006 2108		Final Weight/Volume:	50 mL
Date Prepared:	05/15/2006 1216			

Analyte	Result (mg/L)	Qualifier	RL
Iron	1.4		0.050
Manganese	0.29		0.010

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Dissolved

Method:	6010B	Analysis Batch: 680-47968	Instrument ID:	ICP/AES
Preparation:	3005A	Prep Batch: 680-47814	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	06/20/2006 0155		Final Weight/Volume:	50 mL
Date Prepared:	06/19/2006 1006			

Analyte	Result (mg/L)	Qualifier	RL
Manganese, Dissolved	0.26		0.010

Analytical Data

Client: EcoSystems Inc

Job Number: 680-16540-1

Client Sample ID: HER-MW04-0506Lab Sample ID: 680-16540-3
Client Matrix: WaterDate Sampled: 05/11/2006 1115
Date Received: 05/12/2006 0924**6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Total Recoverable**

Method:	6010B	Analysis Batch: 680-44843	Instrument ID:	ICP/AES
Preparation:	3005A	Prep Batch: 680-44557	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	05/16/2006 2113		Final Weight/Volume:	50 mL
Date Prepared:	05/15/2006 1216			

Analyte	Result (mg/L)	Qualifier	RL
Iron	15		0.050
Manganese	2.4		0.010

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Dissolved

Method:	6010B	Analysis Batch: 680-47968	Instrument ID:	ICP/AES
Preparation:	3005A	Prep Batch: 680-47814	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	06/20/2006 0200		Final Weight/Volume:	50 mL
Date Prepared:	06/19/2006 1006			

Analyte	Result (mg/L)	Qualifier	RL
Manganese, Dissolved	2.2		0.010

Analytical Data

Client: EcoSystems Inc

Job Number: 680-16540-1

Client Sample ID: HER-MW05-0506

Lab Sample ID: 680-16540-4

Date Sampled: 05/11/2006 1310

Client Matrix: Water

Date Received: 05/12/2006 0924

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Total Recoverable

Method: 6010B

Analysis Batch: 680-44843

Instrument ID:

ICP/AES

Preparation: 3005A

Prep Batch: 680-44557

Lab File ID:

N/A

Dilution: 1.0

Initial Weight/Volume: 50 mL

Date Analyzed: 05/16/2006 2118

Final Weight/Volume: 50 mL

Date Prepared: 05/15/2006 1216

Analyte	Result (mg/L)	Qualifier	RL
Iron	48		0.050
Manganese	2.8		0.010

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Dissolved

Method: 6010B

Analysis Batch: 680-47968

Instrument ID:

ICP/AES

Preparation: 3005A

Prep Batch: 680-47814

Lab File ID:

N/A

Dilution: 1.0

Initial Weight/Volume: 50 mL

Date Analyzed: 06/20/2006 0204

Final Weight/Volume: 50 mL

Date Prepared: 06/19/2006 1006

Analyte	Result (mg/L)	Qualifier	RL
Manganese, Dissolved	2.6		0.010

Analytical Data

Client: EcoSystems Inc

Job Number: 680-16540-1

Client Sample ID: HER-MW10-0506Lab Sample ID: 680-16540-5
Client Matrix: WaterDate Sampled: 05/11/2006 1030
Date Received: 05/12/2006 0924**6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Total Recoverable**

Method:	6010B	Analysis Batch: 680-44843	Instrument ID:	ICP/AES
Preparation:	3005A	Prep Batch: 680-44557	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	05/16/2006 2122		Final Weight/Volume:	50 mL
Date Prepared:	05/15/2006 1216			

Analyte	Result (mg/L)	Qualifier	RL
Iron	3.3		0.050
Manganese	0.24		0.010

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Dissolved

Method:	6010B	Analysis Batch: 680-47968	Instrument ID:	ICP/AES
Preparation:	3005A	Prep Batch: 680-47814	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	06/20/2006 0209		Final Weight/Volume:	50 mL
Date Prepared:	06/19/2006 1006			

Analyte	Result (mg/L)	Qualifier	RL
Manganese, Dissolved	0.21		0.010

Analytical Data

Client: EcoSystems Inc

Job Number: 680-16540-1

Client Sample ID: HER-MW11-0506Lab Sample ID: 680-16540-6
Client Matrix: WaterDate Sampled: 05/11/2006 1205
Date Received: 05/12/2006 0924**6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Total Recoverable**Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 05/16/2006 2127
Date Prepared: 05/15/2006 1216Analysis Batch: 680-44843
Prep Batch: 680-44557Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Iron	7.0		0.050
Manganese	0.52		0.010

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-DissolvedMethod: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 06/20/2006 0214
Date Prepared: 06/19/2006 1006Analysis Batch: 680-47968
Prep Batch: 680-47814Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Manganese, Dissolved	0.50		0.010

Analytical Data

Client: EcoSystems Inc

Job Number: 680-16540-1

Client Sample ID: HER-MW12-0506

Lab Sample ID: 680-16540-7
Client Matrix: WaterDate Sampled: 05/11/2006 1410
Date Received: 05/12/2006 0924**6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Total Recoverable**Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 05/16/2006 2132
Date Prepared: 05/15/2006 1216Analysis Batch: 680-44843
Prep Batch: 680-44557Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Iron	13		0.050
Manganese	0.32		0.010

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-DissolvedMethod: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 06/20/2006 0219
Date Prepared: 06/19/2006 1006Analysis Batch: 680-47968
Prep Batch: 680-47814Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Manganese, Dissolved	0.080		0.010

Analytical Data

Client: EcoSystems Inc

Job Number: 680-16540-1

Client Sample ID: HER-MW06-0506

Lab Sample ID: 680-16540-8
Client Matrix: WaterDate Sampled: 05/11/2006 1515
Date Received: 05/12/2006 0924**6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Total Recoverable**

Method:	6010B	Analysis Batch: 680-44843	Instrument ID:	ICP/AES
Preparation:	3005A	Prep Batch: 680-44557	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	05/16/2006 2137		Final Weight/Volume:	50 mL
Date Prepared:	05/15/2006 1216			

Analyte	Result (mg/L)	Qualifier	RL
Iron	<0.050		0.050
Manganese	0.016		0.010

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Dissolved

Method:	6010B	Analysis Batch: 680-47968	Instrument ID:	ICP/AES
Preparation:	3005A	Prep Batch: 680-47814	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	50 mL
Date Analyzed:	06/20/2006 0224		Final Weight/Volume:	50 mL
Date Prepared:	06/19/2006 1006			

Analyte	Result (mg/L)	Qualifier	RL
Manganese, Dissolved	0.014		0.010

Client: EcoSystems Inc

Job Number: 680-16540-1

General Chemistry

Client Sample ID: HER-MW02-0506

Lab Sample ID: 680-16540-1

Date Sampled: 05/11/2006 0930

Client Matrix: Water

Date Received: 05/12/2006 0924

Analyte	Result	Qual	Units	RL	Dil	Method
Chloride	2.6		mg/L	1.0	1.0	325.2
	Anly Batch: 680-45346	Date Analyzed	05/22/2006 1358			
Ammonia	0.33		mg/L	0.030	1.0	350.1
	Anly Batch: 680-45461	Date Analyzed	05/23/2006 1519			
Ferrous Iron	4.2		mg/L	0.10	1.0	3500 FE D
	Anly Batch: 680-44646	Date Analyzed	05/12/2006 0918			
Nitrogen, Nitrate	<0.050		mg/L	0.050	1.0	353.2
	Anly Batch: 680-45065	Date Analyzed	05/12/2006 0000			
Nitrogen, Nitrate Nitrite	<0.050		mg/L	0.050	1.0	353.2
	Anly Batch: 680-45065	Date Analyzed	05/12/2006 0000			
Nitrogen, Nitrite	<0.050		mg/L	0.050	1.0	353.2
	Anly Batch: 680-45065	Date Analyzed	05/12/2006 0000			
Orthophosphate	<0.050		mg/L	0.050	1.0	365.2
	Anly Batch: 680-44663	Date Analyzed	05/12/2006 1304			
Sulfate	19		mg/L	5.0	1.0	375.4
	Anly Batch: 680-45291	Date Analyzed	05/22/2006 1222			
Sulfide	<0.10		mg/L	0.10	1.0	376.2
	Anly Batch: 680-44732	Date Analyzed	05/15/2006 1545			
Total Organic Carbon	1.9		mg/L	1.0	1.0	415.1
	Anly Batch: 680-45245	Date Analyzed	05/19/2006 0936			
Phenolics, Total Recoverable	<0.050		mg/L	0.050	1.0	420.1
	Anly Batch: 680-45098	Date Analyzed	05/19/2006 0925			
	Prep Batch: 680-45095	Date Prepared:	05/19/2006 0640			

Analytical Data

Client: EcoSystems Inc

Job Number: 680-16540-1

General Chemistry

Client Sample ID: HER-MW02-0506

Lab Sample ID: 680-16540-1

Date Sampled: 05/11/2006 0930

Client Matrix: Water

Date Received: 05/12/2006 0924

Analyte	Result	Qual	Units	RL	Dil	Method
Alkalinity	17		mg/L	1.0	1.0	310.1
	Anly Batch: 680-45365	Date Analyzed	05/23/2006	1032		
Carbon dioxide	120		mg/L	1.0	1.0	310.1
	Anly Batch: 680-45365	Date Analyzed	05/23/2006	1032		

Analytical Data

Client: EcoSystems Inc

Job Number: 680-16540-1

General Chemistry

Client Sample ID: HER-MW03-0506

Lab Sample ID: 680-16540-2
Client Matrix: Water

Date Sampled: 05/11/2006 0830
Date Received: 05/12/2006 0924

Analyte	Result	Qual	Units	RL	Dil	Method
Chloride	7.1		mg/L	1.0	1.0	325.2
	Anly Batch: 680-45346	Date Analyzed	05/22/2006 1358			
Ammonia	0.20		mg/L	0.030	1.0	350.1
	Anly Batch: 680-45461	Date Analyzed	05/23/2006 1519			
Ferrous Iron	1.4		mg/L	0.10	1.0	3500 FE D
	Anly Batch: 680-44646	Date Analyzed	05/12/2006 0918			
Nitrogen, Nitrate	<0.050		mg/L	0.050	1.0	353.2
	Anly Batch: 680-45065	Date Analyzed	05/12/2006 0000			
Nitrogen, Nitrate Nitrite	<0.050		mg/L	0.050	1.0	353.2
	Anly Batch: 680-45065	Date Analyzed	05/12/2006 0000			
Nitrogen, Nitrite	<0.050		mg/L	0.050	1.0	353.2
	Anly Batch: 680-45065	Date Analyzed	05/12/2006 0000			
Orthophosphate	<0.050		mg/L	0.050	1.0	365.2
	Anly Batch: 680-44663	Date Analyzed	05/12/2006 1304			
Sulfate	19		mg/L	5.0	1.0	375.4
	Anly Batch: 680-45291	Date Analyzed	05/22/2006 1222			
Sulfide	<0.10		mg/L	0.10	1.0	376.2
	Anly Batch: 680-44732	Date Analyzed	05/15/2006 1545			
Total Organic Carbon	1.5		mg/L	1.0	1.0	415.1
	Anly Batch: 680-45245	Date Analyzed	05/19/2006 0936			
Phenolics, Total Recoverable	<0.050		mg/L	0.050	1.0	420.1
	Anly Batch: 680-45098	Date Analyzed	05/19/2006 0925			
	Prep Batch: 680-45095	Date Prepared:	05/19/2006 0640			

Analytical Data

Client: EcoSystems Inc

Job Number: 680-16540-1

General Chemistry

Client Sample ID: HER-MW03-0506

Lab Sample ID: 680-16540-2

Date Sampled: 05/11/2006 0830

Client Matrix: Water

Date Received: 05/12/2006 0924

Analyte	Result	Qual	Units	RL	Dil	Method
Alkalinity	1.9		mg/L	1.0	1.0	310.1
	Anly Batch: 680-45365	Date Analyzed	05/23/2006	1032		
Carbon dioxide	63		mg/L	1.0	1.0	310.1
	Anly Batch: 680-45365	Date Analyzed	05/23/2006	1032		

Analytical Data

Client: EcoSystems Inc

Job Number: 680-16540-1

General Chemistry

Client Sample ID: HER-MW04-0506

Lab Sample ID: 680-16540-3

Date Sampled: 05/11/2006 1115

Client Matrix: Water

Date Received: 05/12/2006 0924

Analyte	Result	Qual	Units	RL	Dil	Method
Chloride	5.8		mg/L	1.0	1.0	325.2
	Anly Batch: 680-45346	Date Analyzed	05/22/2006 1358			
Ammonia	4.1		mg/L	0.15	5.0	350.1
	Anly Batch: 680-45461	Date Analyzed	05/23/2006 1624			
Ferrous Iron	10		mg/L	0.50	5.0	3500 FE D
	Anly Batch: 680-44646	Date Analyzed	05/12/2006 0918			
Nitrogen, Nitrate	<0.050		mg/L	0.050	1.0	353.2
	Anly Batch: 680-45065	Date Analyzed	05/12/2006 0000			
Nitrogen, Nitrate Nitrite	<0.050		mg/L	0.050	1.0	353.2
	Anly Batch: 680-45065	Date Analyzed	05/12/2006 0000			
Nitrogen, Nitrite	<0.050		mg/L	0.050	1.0	353.2
	Anly Batch: 680-45065	Date Analyzed	05/12/2006 0000			
Orthophosphate	0.36		mg/L	0.050	1.0	365.2
	Anly Batch: 680-44663	Date Analyzed	05/12/2006 1304			
Sulfate	56		mg/L	10	2.0	375.4
	Anly Batch: 680-45291	Date Analyzed	05/22/2006 1242			
Sulfide	0.44		mg/L	0.10	1.0	376.2
	Anly Batch: 680-44732	Date Analyzed	05/15/2006 1545			
Total Organic Carbon	17		mg/L	1.0	1.0	415.1
	Anly Batch: 680-45245	Date Analyzed	05/19/2006 0936			
Phenolics, Total Recoverable	<0.050		mg/L	0.050	1.0	420.1
	Anly Batch: 680-45098	Date Analyzed	05/19/2006 0925			
	Prep Batch: 680-45095	Date Prepared:	05/19/2006 0640			

Analytical Data

Client: EcoSystems Inc

Job Number: 680-16540-1

General Chemistry

Client Sample ID: HER-MW04-0506

Lab Sample ID: 680-16540-3
Client Matrix: Water

Date Sampled: 05/11/2006 1115
Date Received: 05/12/2006 0924

Analyte	Result	Qual	Units	RL	Dil	Method
Alkalinity	84		mg/L	1.0	1.0	310.1
	Anly Batch: 680-45365	Date Analyzed	05/23/2006	1032		
Carbon dioxide	150		mg/L	1.0	1.0	310.1
	Anly Batch: 680-45365	Date Analyzed	05/23/2006	1032		

Analytical Data

Client: EcoSystems Inc

Job Number: 680-16540-1

General Chemistry

Client Sample ID: HER-MW05-0506

Lab Sample ID: 680-16540-4
 Client Matrix: Water

Date Sampled: 05/11/2006 1310
 Date Received: 05/12/2006 0924

Analyte	Result	Qual	Units	RL	Dil	Method
Chloride	22		mg/L	1.0	1.0	325.2
	Anly Batch: 680-45346	Date Analyzed	05/22/2006 1418			
Ammonia	6.4		mg/L	0.15	5.0	350.1
	Anly Batch: 680-45461	Date Analyzed	05/23/2006 1628			
Ferrous Iron	20		mg/L	1.0	10	3500 FE D
	Anly Batch: 680-44646	Date Analyzed	05/12/2006 0918			
Nitrogen, Nitrate	<0.050		mg/L	0.050	1.0	353.2
	Anly Batch: 680-45065	Date Analyzed	05/12/2006 0000			
Nitrogen, Nitrate Nitrite	<0.050		mg/L	0.050	1.0	353.2
	Anly Batch: 680-45065	Date Analyzed	05/12/2006 0000			
Nitrogen, Nitrite	<0.050		mg/L	0.050	1.0	353.2
	Anly Batch: 680-45065	Date Analyzed	05/12/2006 0000			
Orthophosphate	<0.050		mg/L	0.050	1.0	365.2
	Anly Batch: 680-44663	Date Analyzed	05/12/2006 1304			
Sulfate	<5.0		mg/L	5.0	1.0	375.4
	Anly Batch: 680-45291	Date Analyzed	05/22/2006 1224			
Sulfide	<0.10		mg/L	0.10	1.0	376.2
	Anly Batch: 680-44732	Date Analyzed	05/15/2006 1545			
Total Organic Carbon	79		mg/L	1.0	1.0	415.1
	Anly Batch: 680-45245	Date Analyzed	05/19/2006 0936			
Phenolics, Total Recoverable	<0.050		mg/L	0.050	1.0	420.1
	Anly Batch: 680-45098	Date Analyzed	05/19/2006 0925			
	Prep Batch: 680-45095	Date Prepared:	05/19/2006 0640			

Analytical Data

Client: EcoSystems Inc

Job Number: 680-16540-1

General Chemistry

Client Sample ID: HER-MW05-0506

Lab Sample ID: 680-16540-4
Client Matrix: Water

Date Sampled: 05/11/2006 1310
Date Received: 05/12/2006 0924

Analyte	Result	Qual	Units	RL	Dil	Method
Alkalinity	490		mg/L	1.0	1.0	310.1
	Anly Batch: 680-45365	Date Analyzed	05/23/2006	1032		
Carbon dioxide	360		mg/L	1.0	1.0	310.1
	Anly Batch: 680-45365	Date Analyzed	05/23/2006	1032		

Analytical Data

Client: EcoSystems Inc

Job Number: 680-16540-1

General Chemistry

Client Sample ID: HER-MW10-0506

Lab Sample ID: 680-16540-5

Date Sampled: 05/11/2006 1030

Client Matrix: Water

Date Received: 05/12/2006 0924

Analyte	Result	Qual	Units	RL	Dil	Method
Chloride	2.7		mg/L	1.0	1.0	325.2
	Anly Batch: 680-45346	Date Analyzed	05/22/2006 1358			
Ammonia	0.26		mg/L	0.030	1.0	350.1
	Anly Batch: 680-45461	Date Analyzed	05/23/2006 1519			
Ferrous Iron	0.18		mg/L	0.10	1.0	3500 FE D
	Anly Batch: 680-44646	Date Analyzed	05/12/2006 0918			
Nitrogen, Nitrate	0.30		mg/L	0.050	1.0	353.2
	Anly Batch: 680-45065	Date Analyzed	05/12/2006 0000			
Nitrogen, Nitrate Nitrite	0.30		mg/L	0.050	1.0	353.2
	Anly Batch: 680-45065	Date Analyzed	05/12/2006 0000			
Nitrogen, Nitrite	<0.050		mg/L	0.050	1.0	353.2
	Anly Batch: 680-45065	Date Analyzed	05/12/2006 0000			
Orthophosphate	0.052		mg/L	0.050	1.0	365.2
	Anly Batch: 680-44663	Date Analyzed	05/12/2006 1304			
Sulfate	8.7		mg/L	5.0	1.0	375.4
	Anly Batch: 680-45291	Date Analyzed	05/22/2006 1224			
Sulfide	<0.10		mg/L	0.10	1.0	376.2
	Anly Batch: 680-44732	Date Analyzed	05/15/2006 1545			
Total Organic Carbon	1.8		mg/L	1.0	1.0	415.1
	Anly Batch: 680-45245	Date Analyzed	05/19/2006 0936			
Phenolics, Total Recoverable	<0.050		mg/L	0.050	1.0	420.1
	Anly Batch: 680-45098	Date Analyzed	05/19/2006 0925			
	Prep Batch: 680-45095	Date Prepared:	05/19/2006 0640			

Analytical Data

Client: EcoSystems Inc

Job Number: 680-16540-1

General Chemistry

Client Sample ID: HER-MW10-0506

Lab Sample ID: 680-16540-5
Client Matrix: Water

Date Sampled: 05/11/2006 1030
Date Received: 05/12/2006 0924

Analyte	Result	Qual	Units	RL	Dil	Method
Alkalinity	2.5		mg/L	1.0	1.0	310.1
	Anly Batch: 680-45365	Date Analyzed	05/23/2006	1032		
Carbon dioxide	19		mg/L	1.0	1.0	310.1
	Anly Batch: 680-45365	Date Analyzed	05/23/2006	1032		

Analytical Data

Client: EcoSystems Inc

Job Number: 680-16540-1

General Chemistry

Client Sample ID: HER-MW11-0506

Lab Sample ID: 680-16540-6

Date Sampled: 05/11/2006 1205

Client Matrix: Water

Date Received: 05/12/2006 0924

Analyte	Result	Qual	Units	RL	Dil	Method
Chloride	6.3		mg/L	1.0	1.0	325.2
	Anly Batch: 680-45346	Date Analyzed	05/22/2006 1358			
Ammonia	0.37		mg/L	0.030	1.0	350.1
	Anly Batch: 680-45461	Date Analyzed	05/23/2006 1519			
Ferrous Iron	4.9		mg/L	0.20	2.0	3500 FE D
	Anly Batch: 680-44646	Date Analyzed	05/12/2006 0918			
Nitrogen, Nitrate	<0.050		mg/L	0.050	1.0	353.2
	Anly Batch: 680-45065	Date Analyzed	05/12/2006 0000			
Nitrogen, Nitrate Nitrite	<0.050		mg/L	0.050	1.0	353.2
	Anly Batch: 680-45065	Date Analyzed	05/12/2006 0000			
Nitrogen, Nitrite	<0.050		mg/L	0.050	1.0	353.2
	Anly Batch: 680-45065	Date Analyzed	05/12/2006 0000			
Orthophosphate	0.13		mg/L	0.050	1.0	365.2
	Anly Batch: 680-44663	Date Analyzed	05/12/2006 1304			
Sulfate	16		mg/L	5.0	1.0	375.4
	Anly Batch: 680-45291	Date Analyzed	05/22/2006 1224			
Sulfide	<0.10		mg/L	0.10	1.0	376.2
	Anly Batch: 680-44732	Date Analyzed	05/15/2006 1545			
Total Organic Carbon	22		mg/L	1.0	1.0	415.1
	Anly Batch: 680-45245	Date Analyzed	05/19/2006 0936			
Phenolics, Total Recoverable	<0.050		mg/L	0.050	1.0	420.1
	Anly Batch: 680-45098	Date Analyzed	05/19/2006 0925			
	Prep Batch: 680-45095	Date Prepared:	05/19/2006 0640			

Analytical Data

Client: EcoSystems Inc

Job Number: 680-16540-1

General Chemistry

Client Sample ID: HER-MW11-0506

Lab Sample ID: 680-16540-6

Date Sampled: 05/11/2006 1205

Client Matrix: Water

Date Received: 05/12/2006 0924

Analyte	Result	Qual	Units	RL	Dil	Method
Alkalinity	59		mg/L	1.0	1.0	310.1
	Anly Batch: 680-45365	Date Analyzed	05/23/2006	1032		
Carbon dioxide	160		mg/L	1.0	1.0	310.1
	Anly Batch: 680-45365	Date Analyzed	05/23/2006	1032		

Client: EcoSystems Inc

Job Number: 680-16540-1

General Chemistry

Client Sample ID: HER-MW12-0506

Lab Sample ID: 680-16540-7

Date Sampled: 05/11/2006 1410

Client Matrix: Water

Date Received: 05/12/2006 0924

Analyte	Result	Qual	Units	RL	Dil	Method
Chloride	3.2		mg/L	1.0	1.0	325.2
	Anly Batch: 680-45346	Date Analyzed	05/22/2006	1358		
Ammonia	0.58		mg/L	0.030	1.0	350.1
	Anly Batch: 680-45461	Date Analyzed	05/23/2006	1519		
Ferrous Iron	5.1		mg/L	0.20	2.0	3500 FE D
	Anly Batch: 680-44646	Date Analyzed	05/12/2006	0918		
Nitrogen, Nitrate	<0.050		mg/L	0.050	1.0	353.2
	Anly Batch: 680-45065	Date Analyzed	05/12/2006	0000		
Nitrogen, Nitrate Nitrite	<0.050		mg/L	0.050	1.0	353.2
	Anly Batch: 680-45065	Date Analyzed	05/12/2006	0000		
Nitrogen, Nitrite	<0.050		mg/L	0.050	1.0	353.2
	Anly Batch: 680-45065	Date Analyzed	05/12/2006	0000		
Orthophosphate	<0.050		mg/L	0.050	1.0	365.2
	Anly Batch: 680-44663	Date Analyzed	05/12/2006	1304		
Sulfate	11		mg/L	5.0	1.0	375.4
	Anly Batch: 680-45291	Date Analyzed	05/22/2006	1224		
Sulfide	<0.10		mg/L	0.10	1.0	376.2
	Anly Batch: 680-44732	Date Analyzed	05/15/2006	1545		
Total Organic Carbon	1.4		mg/L	1.0	1.0	415.1
	Anly Batch: 680-45245	Date Analyzed	05/19/2006	0936		
Phenolics, Total Recoverable	<0.050		mg/L	0.050	1.0	420.1
	Anly Batch: 680-45098	Date Analyzed	05/19/2006	0925		
	Prep Batch: 680-45095	Date Prepared:	05/19/2006	0640		

Analytical Data

Client: EcoSystems Inc

Job Number: 680-16540-1

General Chemistry

Client Sample ID: HER-MW12-0506

Lab Sample ID: 680-16540-7

Date Sampled: 05/11/2006 1410

Client Matrix: Water

Date Received: 05/12/2006 0924

Analyte	Result	Qual	Units	RL	Dil	Method
Alkalinity	3.3		mg/L	1.0	1.0	310.1
	Anly Batch: 680-45365	Date Analyzed	05/23/2006	1032		
Carbon dioxide	56		mg/L	1.0	1.0	310.1
	Anly Batch: 680-45365	Date Analyzed	05/23/2006	1032		

Client: EcoSystems Inc

Job Number: 680-16540-1

General Chemistry

Client Sample ID: HER-MW06-0506

Lab Sample ID: 680-16540-8

Date Sampled: 05/11/2006 1515

Client Matrix: Water

Date Received: 05/12/2006 0924

Analyte	Result	Qual	Units	RL	Dil	Method
Chloride	3.7		mg/L	1.0	1.0	325.2
	Anly Batch: 680-45346	Date Analyzed	05/22/2006 1401			
Ammonia	0.12		mg/L	0.030	1.0	350.1
	Anly Batch: 680-45461	Date Analyzed	05/23/2006 1519			
Ferrous Iron	<0.10		mg/L	0.10	1.0	3500 FE D
	Anly Batch: 680-44646	Date Analyzed	05/12/2006 0918			
Nitrogen, Nitrate	2.4		mg/L	0.10	2.0	353.2
	Anly Batch: 680-45190	Date Analyzed	05/12/2006 1231			
Nitrogen, Nitrate Nitrite	2.4		mg/L	0.10	2.0	353.2
	Anly Batch: 680-45190	Date Analyzed	05/12/2006 1231			
Nitrogen, Nitrite	<0.10		mg/L	0.10	2.0	353.2
	Anly Batch: 680-45190	Date Analyzed	05/12/2006 1231			
Orthophosphate	<0.050		mg/L	0.050	1.0	365.2
	Anly Batch: 680-44663	Date Analyzed	05/12/2006 1304			
Sulfate	37		mg/L	10	2.0	375.4
	Anly Batch: 680-45291	Date Analyzed	05/22/2006 1237			
Sulfide	<0.10		mg/L	0.10	1.0	376.2
	Anly Batch: 680-44732	Date Analyzed	05/15/2006 1545			
Total Organic Carbon	<1.0		mg/L	1.0	1.0	415.1
	Anly Batch: 680-45245	Date Analyzed	05/19/2006 0936			
Phenolics, Total Recoverable	<0.050		mg/L	0.050	1.0	420.1
	Anly Batch: 680-45098	Date Analyzed	05/19/2006 0925			
	Prep Batch: 680-45095	Date Prepared:	05/19/2006 0640			

Analytical Data

Client: EcoSystems Inc

Job Number: 680-16540-1

General Chemistry

Client Sample ID: HER-MW06-0506

Lab Sample ID: 680-16540-8
Client Matrix: Water

Date Sampled: 05/11/2006 1515
Date Received: 05/12/2006 0924

Analyte	Result	Qual	Units	RL	Dil	Method
Alkalinity	32		mg/L	1.0	1.0	310.1
	Anly Batch: 680-45365	Date Analyzed	05/23/2006 1032			
Carbon dioxide	77		mg/L	1.0	1.0	310.1
	Anly Batch: 680-45365	Date Analyzed	05/23/2006 1032			

DATA REPORTING QUALIFIERS

Client: EcoSystems Inc

Job Number: 680-16540-1

<u>Lab Section</u>	<u>Qualifier</u>	<u>Description</u>
GC/MS VOA	*	LCS or LCSD exceeds the control limits

QUALITY CONTROL RESULTS

Quality Control Results

Client: EcoSystems Inc

Job Number: 680-16540-1

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
GC/MS VOA				
Analysis Batch:680-45565				
LCS 680-45565/2	Lab Control Spike	Water	8260B	
MB 680-45565/5	Method Blank	Water	8260B	
680-16540-1	HER-MW02-0506	Water	8260B	
680-16540-3	HER-MW04-0506	Water	8260B	
680-16540-5	HER-MW10-0506	Water	8260B	
Analysis Batch:680-45570				
LCS 680-45570/2	Lab Control Spike	Water	8260B	
MB 680-45570/5	Method Blank	Water	8260B	
680-16540-2	HER-MW03-0506	Water	8260B	
680-16540-4	HER-MW05-0506	Water	8260B	
680-16540-6	HER-MW11-0506	Water	8260B	
Analysis Batch:680-45638				
LCS 680-45638/4	Lab Control Spike	Water	8260B	
MB 680-45638/6	Method Blank	Water	8260B	
680-16540-1MS	Matrix Spike	Water	8260B	
680-16540-1MSD	Matrix Spike Duplicate	Water	8260B	
680-16540-7	HER-MW12-0506	Water	8260B	
680-16540-8	HER-MW06-0506	Water	8260B	
680-16540-9	Trip Blank 1	Water	8260B	
680-16540-10	Trip Blank 2	Water	8260B	
680-16540-11	Trip Blank 3	Water	8260B	
GC VOA				
Analysis Batch:680-45000				
LCS 680-45000/15	Lab Control Spike	Water	RSK-175	
680-16540-3	HER-MW04-0506	Water	RSK-175	
680-16540-4	HER-MW05-0506	Water	RSK-175	
680-16540-6	HER-MW11-0506	Water	RSK-175	
Analysis Batch:680-45001				
LCS 680-45001/15	Lab Control Spike	Water	RSK-175	
MB 680-45001/16	Method Blank	Water	RSK-175	
680-16540-1	HER-MW02-0506	Water	RSK-175	
680-16540-2	HER-MW03-0506	Water	RSK-175	
680-16540-5	HER-MW10-0506	Water	RSK-175	
680-16540-7	HER-MW12-0506	Water	RSK-175	
680-16540-8	HER-MW06-0506	Water	RSK-175	

STL Savannah

Quality Control Results

Client: EcoSystems Inc

Job Number: 680-16540-1

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
Metals				
Prep Batch: 680-44557				
LCS 680-44557/22-A	Lab Control Spike	Water	3005A	
MB 680-44557/21-A	Method Blank	Water	3005A	
680-16540-1	HER-MW02-0506	Water	3005A	
680-16540-2	HER-MW03-0506	Water	3005A	
680-16540-3	HER-MW04-0506	Water	3005A	
680-16540-4	HER-MW05-0506	Water	3005A	
680-16540-5	HER-MW10-0506	Water	3005A	
680-16540-6	HER-MW11-0506	Water	3005A	
680-16540-7	HER-MW12-0506	Water	3005A	
680-16540-8	HER-MW06-0506	Water	3005A	
Prep Batch: 680-47814				
LCS 680-47814/14-A	Lab Control Spike	Water	3005A	
MB 680-47814/13-A	Method Blank	Water	3005A	
680-16540-1	HER-MW02-0506	Water	3005A	
680-16540-2	HER-MW03-0506	Water	3005A	
680-16540-3	HER-MW04-0506	Water	3005A	
680-16540-4	HER-MW05-0506	Water	3005A	
680-16540-5	HER-MW10-0506	Water	3005A	
680-16540-6	HER-MW11-0506	Water	3005A	
680-16540-7	HER-MW12-0506	Water	3005A	
680-16540-8	HER-MW06-0506	Water	3005A	
Analysis Batch:680-44843				
LCS 680-44557/22-A	Lab Control Spike	Water	6010B	680-44557
MB 680-44557/21-A	Method Blank	Water	6010B	680-44557
680-16540-1	HER-MW02-0506	Water	6010B	680-44557
680-16540-2	HER-MW03-0506	Water	6010B	680-44557
680-16540-3	HER-MW04-0506	Water	6010B	680-44557
680-16540-4	HER-MW05-0506	Water	6010B	680-44557
680-16540-5	HER-MW10-0506	Water	6010B	680-44557
680-16540-6	HER-MW11-0506	Water	6010B	680-44557
680-16540-7	HER-MW12-0506	Water	6010B	680-44557
680-16540-8	HER-MW06-0506	Water	6010B	680-44557
Analysis Batch:680-47968				
LCS 680-47814/14-A	Lab Control Spike	Water	6010B	680-47814
MB 680-47814/13-A	Method Blank	Water	6010B	680-47814
680-16540-1	HER-MW02-0506	Water	6010B	680-47814
680-16540-2	HER-MW03-0506	Water	6010B	680-47814
680-16540-3	HER-MW04-0506	Water	6010B	680-47814
680-16540-4	HER-MW05-0506	Water	6010B	680-47814
680-16540-5	HER-MW10-0506	Water	6010B	680-47814
680-16540-6	HER-MW11-0506	Water	6010B	680-47814
680-16540-7	HER-MW12-0506	Water	6010B	680-47814
680-16540-8	HER-MW06-0506	Water	6010B	680-47814

STL Savannah

Quality Control Results

Client: EcoSystems Inc

Job Number: 680-16540-1

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
General Chemistry				
Analysis Batch:680-44646				
LCS 680-44646/2	Lab Control Spike	Water	3500 FE D	
MB 680-44646/1	Method Blank	Water	3500 FE D	
680-16540-1	HER-MW02-0506	Water	3500 FE D	
680-16540-2	HER-MW03-0506	Water	3500 FE D	
680-16540-3	HER-MW04-0506	Water	3500 FE D	
680-16540-4	HER-MW05-0506	Water	3500 FE D	
680-16540-5	HER-MW10-0506	Water	3500 FE D	
680-16540-5DU	Duplicate	Water	3500 FE D	
680-16540-6	HER-MW11-0506	Water	3500 FE D	
680-16540-7	HER-MW12-0506	Water	3500 FE D	
680-16540-8	HER-MW06-0506	Water	3500 FE D	
Analysis Batch:680-44663				
LCS 680-44663/2	Lab Control Spike	Water	365.2	
MB 680-44663/1	Method Blank	Water	365.2	
680-16540-1	HER-MW02-0506	Water	365.2	
680-16540-1MS	Matrix Spike	Water	365.2	
680-16540-1MSD	Matrix Spike Duplicate	Water	365.2	
680-16540-2	HER-MW03-0506	Water	365.2	
680-16540-3	HER-MW04-0506	Water	365.2	
680-16540-4	HER-MW05-0506	Water	365.2	
680-16540-5	HER-MW10-0506	Water	365.2	
680-16540-6	HER-MW11-0506	Water	365.2	
680-16540-7	HER-MW12-0506	Water	365.2	
680-16540-8	HER-MW06-0506	Water	365.2	
Analysis Batch:680-44732				
LCS 680-44732/24	Lab Control Spike	Water	376.2	
LCSD 680-44732/25	Lab Control Spike Duplicate	Water	376.2	
MB 680-44732/23	Method Blank	Water	376.2	
680-16540-1	HER-MW02-0506	Water	376.2	
680-16540-1MS	Matrix Spike	Water	376.2	
680-16540-1MSD	Matrix Spike Duplicate	Water	376.2	
680-16540-2	HER-MW03-0506	Water	376.2	
680-16540-3	HER-MW04-0506	Water	376.2	
680-16540-4	HER-MW05-0506	Water	376.2	
680-16540-5	HER-MW10-0506	Water	376.2	
680-16540-6	HER-MW11-0506	Water	376.2	
680-16540-7	HER-MW12-0506	Water	376.2	
680-16540-8	HER-MW06-0506	Water	376.2	

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Quality Control Results

Client: EcoSystems Inc

Job Number: 680-16540-1

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
General Chemistry				
Analysis Batch:680-45065				
LCS 680-45065/2	Lab Control Spike	Water	353.2	
LCSD 680-45065/3	Lab Control Spike Duplicate	Water	353.2	
MB 680-45065/1	Method Blank	Water	353.2	
680-16540-1	HER-MW02-0506	Water	353.2	
680-16540-2	HER-MW03-0506	Water	353.2	
680-16540-3	HER-MW04-0506	Water	353.2	
680-16540-4	HER-MW05-0506	Water	353.2	
680-16540-5	HER-MW10-0506	Water	353.2	
680-16540-6	HER-MW11-0506	Water	353.2	
680-16540-7	HER-MW12-0506	Water	353.2	
Prep Batch: 680-45095				
LCS 680-45095/15-A	Lab Control Spike	Water	Distill/Phenol	
LCSD 680-45095/16-A	Lab Control Spike Duplicate	Water	Distill/Phenol	
MB 680-45095/14-A	Method Blank	Water	Distill/Phenol	
680-16540-1	HER-MW02-0506	Water	Distill/Phenol	
680-16540-1MS	Matrix Spike	Water	Distill/Phenol	
680-16540-1MSD	Matrix Spike Duplicate	Water	Distill/Phenol	
680-16540-2	HER-MW03-0506	Water	Distill/Phenol	
680-16540-3	HER-MW04-0506	Water	Distill/Phenol	
680-16540-4	HER-MW05-0506	Water	Distill/Phenol	
680-16540-5	HER-MW10-0506	Water	Distill/Phenol	
680-16540-6	HER-MW11-0506	Water	Distill/Phenol	
680-16540-7	HER-MW12-0506	Water	Distill/Phenol	
680-16540-8	HER-MW06-0506	Water	Distill/Phenol	
Analysis Batch:680-45190				
LCS 680-45190/2	Lab Control Spike	Water	353.2	
LCSD 680-45190/3	Lab Control Spike Duplicate	Water	353.2	
MB 680-45190/1	Method Blank	Water	353.2	
680-16540-8	HER-MW06-0506	Water	353.2	
680-16540-8DU	Duplicate	Water	353.2	
Analysis Batch:680-45245				
LCS 680-45245/2	Lab Control Spike	Water	415.1	
LCSD 680-45245/3	Lab Control Spike Duplicate	Water	415.1	
MB 680-45245/1	Method Blank	Water	415.1	
680-16540-1	HER-MW02-0506	Water	415.1	
680-16540-1DU	Duplicate	Water	415.1	
680-16540-2	HER-MW03-0506	Water	415.1	
680-16540-3	HER-MW04-0506	Water	415.1	
680-16540-4	HER-MW05-0506	Water	415.1	
680-16540-5	HER-MW10-0506	Water	415.1	
680-16540-6	HER-MW11-0506	Water	415.1	
680-16540-7	HER-MW12-0506	Water	415.1	
680-16540-8	HER-MW06-0506	Water	415.1	

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Quality Control Results

Client: EcoSystems Inc

Job Number: 680-16540-1

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
General Chemistry				
Analysis Batch:680-45291				
LCS 680-45291/2	Lab Control Spike	Water	375.4	
LCSD 680-45291/3	Lab Control Spike Duplicate	Water	375.4	
MB 680-45291/1	Method Blank	Water	375.4	
680-16540-1	HER-MW02-0506	Water	375.4	
680-16540-2	HER-MW03-0506	Water	375.4	
680-16540-3	HER-MW04-0506	Water	375.4	
680-16540-4	HER-MW05-0506	Water	375.4	
680-16540-5	HER-MW10-0506	Water	375.4	
680-16540-6	HER-MW11-0506	Water	375.4	
680-16540-7	HER-MW12-0506	Water	375.4	
680-16540-8	HER-MW06-0506	Water	375.4	
680-16540-8DU	Duplicate	Water	375.4	
Analysis Batch:680-45346				
LCS 680-45346/1	Lab Control Spike	Water	325.2	
LCSD 680-45346/2	Lab Control Spike Duplicate	Water	325.2	
MB 680-45346/3	Method Blank	Water	325.2	
680-16540-1	HER-MW02-0506	Water	325.2	
680-16540-1DU	Duplicate	Water	325.2	
680-16540-2	HER-MW03-0506	Water	325.2	
680-16540-3	HER-MW04-0506	Water	325.2	
680-16540-4	HER-MW05-0506	Water	325.2	
680-16540-5	HER-MW10-0506	Water	325.2	
680-16540-6	HER-MW11-0506	Water	325.2	
680-16540-7	HER-MW12-0506	Water	325.2	
680-16540-8	HER-MW06-0506	Water	325.2	
Analysis Batch:680-45365				
LCS 680-45365/19	Lab Control Spike	Water	310.1	
MB 680-45365/20	Method Blank	Water	310.1	
680-16540-1	HER-MW02-0506	Water	310.1	
680-16540-2	HER-MW03-0506	Water	310.1	
680-16540-3	HER-MW04-0506	Water	310.1	
680-16540-4	HER-MW05-0506	Water	310.1	
680-16540-4DU	Duplicate	Water	310.1	
680-16540-5	HER-MW10-0506	Water	310.1	
680-16540-6	HER-MW11-0506	Water	310.1	
680-16540-7	HER-MW12-0506	Water	310.1	
680-16540-8	HER-MW06-0506	Water	310.1	

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Quality Control Results

Client: EcoSystems Inc

Job Number: 680-16540-1

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
General Chemistry				
Analysis Batch:680-45461				
LCS 680-45461/16	Lab Control Spike	Water	350.1	
LCSD 680-45461/1	Lab Control Spike Duplicate	Water	350.1	
MB 680-45461/15	Method Blank	Water	350.1	
680-16540-1	HER-MW02-0506	Water	350.1	
680-16540-2	HER-MW03-0506	Water	350.1	
680-16540-3	HER-MW04-0506	Water	350.1	
680-16540-4	HER-MW05-0506	Water	350.1	
680-16540-5	HER-MW10-0506	Water	350.1	
680-16540-6	HER-MW11-0506	Water	350.1	
680-16540-7	HER-MW12-0506	Water	350.1	
680-16540-8	HER-MW06-0506	Water	350.1	
Analysis Batch:680-45098				
LCS 680-45095/15-A	Lab Control Spike	Water	420.1	680-45095
LCSD 680-45095/16-A	Lab Control Spike Duplicate	Water	420.1	680-45095
MB 680-45095/14-A	Method Blank	Water	420.1	680-45095
680-16540-1	HER-MW02-0506	Water	420.1	680-45095
680-16540-1MS	Matrix Spike	Water	420.1	680-45095
680-16540-1MSD	Matrix Spike Duplicate	Water	420.1	680-45095
680-16540-2	HER-MW03-0506	Water	420.1	680-45095
680-16540-3	HER-MW04-0506	Water	420.1	680-45095
680-16540-4	HER-MW05-0506	Water	420.1	680-45095
680-16540-5	HER-MW10-0506	Water	420.1	680-45095
680-16540-6	HER-MW11-0506	Water	420.1	680-45095
680-16540-7	HER-MW12-0506	Water	420.1	680-45095
680-16540-8	HER-MW06-0506	Water	420.1	680-45095

Quality Control Results

Client: EcoSystems Inc

Job Number: 680-16540-1

Surrogate Recovery Report

8260B Volatile Organic Compounds by GC/MS

Client Matrix: Water

<u>Lab Sample ID</u>	<u>Client Sample</u>	<u>(BFB) (%Rec)</u>	<u>(DBFM) (%Rec)</u>	<u>(TOL) (%Rec)</u>
680-16540-1MS	HER-MW02-0506	100	101	87
680-16540-1MSD	HER-MW02-0506	102	101	88
LCS 680-45565/2		104	98	97
LCS 680-45570/2		105	104	96
LCS 680-45638/4		102	100	88
MB 680-45565/5		101	95	94
MB 680-45570/5		101	110	93
MB 680-45638/6		98	103	92
680-16540-1	HER-MW02-0506	99	94	93
680-16540-2	HER-MW03-0506	102	103	93
680-16540-3	HER-MW04-0506	99	94	93
680-16540-4	HER-MW05-0506	98	107	93
680-16540-5	HER-MW10-0506	98	94	94
680-16540-6	HER-MW11-0506	99	105	92
680-16540-7	HER-MW12-0506	99	102	92
680-16540-8	HER-MW06-0506	99	108	95
680-16540-9	Trip Blank 1	102	100	92
680-16540-10	Trip Blank 2	100	104	91
680-16540-11	Trip Blank 3	99	103	91

<u>Surrogate</u>	<u>Acceptance Limits</u>
(BFB) 4-Bromofluorobenzene	77 - 120
(DBFM) Dibromofluoromethane	75 - 123
(TOL) Toluene-d8	79 - 122

Quality Control Results

Client: EcoSystems Inc

Job Number: 680-16540-1

Method Blank - Batch: 680-45565

**Method: 8260B
Preparation: 5030B**

Lab Sample ID: MB 680-45565/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/24/2006 1642
Date Prepared: 05/24/2006 1642

Analysis Batch: 680-45565
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - 0
Lab File ID: oq601.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	<1.0		1.0
Dichlorobromomethane	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<1.0		1.0
Methyl Ethyl Ketone	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0		1.0
2-Chloro-1,3-butadiene	<1.0		1.0
3-Chloro-1-propene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
Dichlorodifluoromethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10		10
Iodomethane	<5.0		5.0
Isobutanol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
methyl isobutyl ketone	<10		10
Pentachloroethane	<5.0		5.0

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

Quality Control Results

Client: EcoSystems Inc

Job Number: 680-16540-1

Method Blank - Batch: 680-45565

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 680-45565/5
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 05/24/2006 1642
 Date Prepared: 05/24/2006 1642

Analysis Batch: 680-45565
 Prep Batch: N/A
 Units: ug/L

Instrument ID: GC/MS Volatiles - O
 Lab File ID: oq601.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
Propionitrile	<20		20
Styrene	<1.0		1.0
1,1,1,2-Tetrachloroethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	101	77 - 120
Dibromofluoromethane	95	75 - 123
Toluene-d8	94	79 - 122

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

Quality Control Results

Client: EcoSystems Inc

Job Number: 680-16540-1

Laboratory Control Sample - Batch: 680-45565

**Method: 8260B
Preparation: 5030B**

Lab Sample ID: LCS 680-45565/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/24/2006 1454
Date Prepared: 05/24/2006 1454

Analysis Batch: 680-45565
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq597.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	97	97	20 - 183	
Benzene	50.0	49	97	74 - 122	
Dichlorobromomethane	50.0	51	101	74 - 128	
Bromofom	50.0	55	109	64 - 132	
Bromomethane	50.0	29	58	21 - 176	
Methyl Ethyl Ketone	100	100	102	51 - 142	
Carbon disulfide	50.0	49	98	60 - 130	
Carbon tetrachloride	50.0	54	108	64 - 137	
Chlorobenzene	50.0	54	107	75 - 123	
Chloroethane	50.0	37	74	40 - 171	
Chlorofom	50.0	48	95	74 - 124	
Chloromethane	50.0	39	78	51 - 133	
Chlorodibromomethane	50.0	63	125	75 - 126	
1,2-Dibromo-3-Chloropropane	50.0	52	103	14 - 147	
Ethylene Dibromide	50.0	52	105	60 - 118	
Dibromomethane	50.0	48	97	70 - 130	
Dichlorodifluoromethane	50.0	47	94	70 - 130	
1,1-Dichloroethane	50.0	45	89	70 - 127	
1,2-Dichloroethane	50.0	47	94	68 - 130	
1,1-Dichloroethene	50.0	48	96	64 - 132	
cis-1,2-Dichloroethene	50.0	48	96	69 - 126	
trans-1,2-Dichloroethene	50.0	47	94	67 - 130	
1,2-Dichloropropane	50.0	49	97	74 - 123	
cis-1,3-Dichloropropene	50.0	52	104	76 - 126	
trans-1,3-Dichloropropene	50.0	53	106	75 - 126	
Ethylbenzene	50.0	53	106	77 - 123	
2-Hexanone	100	110	114	58 - 139	
Methylene Chloride	50.0	47	93	67 - 128	
methyl isobutyl ketone	100	98	98	62 - 130	
Styrene	50.0	54	108	75 - 125	
1,1,1,2-Tetrachloroethane	50.0	60	119	62 - 107	
1,1,2,2-Tetrachloroethane	50.0	56	112	71 - 127	
Tetrachloroethene	50.0	58	116	70 - 133	
Toluene	50.0	48	95	75 - 122	
1,1,1-Trichloroethane	50.0	53	105	70 - 132	
1,1,2-Trichloroethane	50.0	52	104	75 - 122	
Trichloroethene	50.0	51	102	75 - 122	
Trichlorofluoromethane	50.0	48	96	74 - 165	
1,2,3-Trichloropropane	50.0	57	115	60 - 147	
Vinyl acetate	100	110	113	47 - 150	
Vinyl chloride	50.0	40	80	59 - 136	

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

Quality Control Results

Client: EcoSystems Inc

Job Number: 680-16540-1

Laboratory Control Sample - Batch: 680-45565

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-45565/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/24/2006 1454
Date Prepared: 05/24/2006 1454

Analysis Batch: 680-45565
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq597.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Xylenes, Total	150	160	107	77 - 121	
Surrogate		% Rec		Acceptance Limits	
4-Bromofluorobenzene		104		77 - 120	
Dibromofluoromethane		98		75 - 123	
Toluene-d8		97		79 - 122	

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

Quality Control Results

Client: EcoSystems Inc

Job Number: 680-16540-1

Method Blank - Batch: 680-45570

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 680-45570/5
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 05/24/2006 1700
 Date Prepared: 05/24/2006 1700

Analysis Batch: 680-45570
 Prep Batch: N/A
 Units: ug/L

Instrument ID: GC/MS Volatiles - O
 Lab File ID: oq602.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	<1.0		1.0
Dichlorobromomethane	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<1.0		1.0
Methyl Ethyl Ketone	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0		1.0
2-Chloro-1,3-butadiene	<1.0		1.0
3-Chloro-1-propene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
Dichlorodifluoromethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10		10
Iodomethane	<5.0		5.0
isobutanol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
methyl isobutyl ketone	<10		10
Pentachloroethane	<5.0		5.0

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

Quality Control Results

Client: EcoSystems Inc

Job Number: 680-16540-1

Method Blank - Batch: 680-45570

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-45570/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/24/2006 1700
Date Prepared: 05/24/2006 1700

Analysis Batch: 680-45570
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq602.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
Propionitrile	<20		20
Styrene	<1.0		1.0
1,1,1,2-Tetrachloroethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	% Rec	Acceptance Limits	
4-Bromofluorobenzene	101	77 - 120	
Dibromofluoromethane	110	75 - 123	
Toluene-d8	93	79 - 122	

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

Quality Control Results

Client: EcoSystems Inc

Job Number: 680-16540-1

Laboratory Control Sample - Batch: 680-45570

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 680-45570/2
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 05/24/2006 1512
 Date Prepared: 05/24/2006 1512

Analysis Batch: 680-45570
 Prep Batch: N/A
 Units: ug/L

Instrument ID: GC/MS Volatiles - O
 Lab File ID: oq598.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	96.3	96	20 - 183	
Benzene	50.0	45.0	90	74 - 122	
Dichlorobromomethane	50.0	49.0	98	74 - 128	
Bromoform	50.0	66.5	133	64 - 132	*
Bromomethane	50.0	42.4	85	21 - 176	
Methyl Ethyl Ketone	100	99.8	100	51 - 142	
Carbon disulfide	50.0	46.0	92	60 - 130	
Carbon tetrachloride	50.0	50.7	101	64 - 137	
Chlorobenzene	50.0	53.5	107	75 - 123	
Chloroethane	50.0	37.7	75	40 - 171	
Chloroform	50.0	48.8	98	74 - 124	
Chloromethane	50.0	35.7	71	51 - 133	
Chlorodibromomethane	50.0	61.2	122	75 - 126	
1,2-Dibromo-3-Chloropropane	50.0	69.6	139	14 - 147	
Ethylene Dibromide	50.0	49.5	99	60 - 118	
Dibromomethane	50.0	47.9	96	70 - 130	
Dichlorodifluoromethane	50.0	46.7	93	70 - 130	
1,1-Dichloroethane	50.0	44.9	90	70 - 127	
1,2-Dichloroethane	50.0	44.6	89	68 - 130	
1,1-Dichloroethene	50.0	49.0	98	64 - 132	
cis-1,2-Dichloroethene	50.0	49.3	99	69 - 126	
trans-1,2-Dichloroethene	50.0	49.2	98	67 - 130	
1,2-Dichloropropane	50.0	42.5	85	74 - 123	
cis-1,3-Dichloropropene	50.0	49.2	98	76 - 126	
trans-1,3-Dichloropropene	50.0	48.9	98	75 - 126	
Ethylbenzene	50.0	53.4	107	77 - 123	
2-Hexanone	100	105	105	58 - 139	
Methylene Chloride	50.0	46.3	93	67 - 128	
methyl isobutyl ketone	100	89.7	90	62 - 130	
Styrene	50.0	54.2	108	75 - 125	
1,1,1,2-Tetrachloroethane	50.0	59.7	119	62 - 107	*
1,1,2,2-Tetrachloroethane	50.0	56.2	112	71 - 127	
Tetrachloroethene	50.0	59.3	119	70 - 133	
Toluene	50.0	47.3	95	75 - 122	
1,1,1-Trichloroethane	50.0	49.8	100	70 - 132	
1,1,2-Trichloroethane	50.0	47.5	95	75 - 122	
Trichloroethene	50.0	49.3	99	75 - 122	
Trichlorofluoromethane	50.0	50.7	101	74 - 165	
1,2,3-Trichloropropane	50.0	57.3	115	60 - 147	
Vinyl acetate	100	103	103	47 - 150	
Vinyl chloride	50.0	40.0	80	59 - 136	

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

Quality Control Results

Client: EcoSystems Inc

Job Number: 680-16540-1

Laboratory Control Sample - Batch: 680-45570

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-45570/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/24/2006 1512
Date Prepared: 05/24/2006 1512

Analysis Batch: 680-45570
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq598.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Xylenes, Total	150	164	109	77 - 121	
Surrogate		% Rec		Acceptance Limits	
4-Bromofluorobenzene		105		77 - 120	
Dibromofluoromethane		104		75 - 123	
Toluene-d8		96		79 - 122	

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

Quality Control Results

Client: EcoSystems Inc

Job Number: 680-16540-1

Method Blank - Batch: 680-45638

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-45638/6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/25/2006 1252
Date Prepared: 05/25/2006 1252

Analysis Batch: 680-45638
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq612.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	<1.0		1.0
Dichlorobromomethane	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<1.0		1.0
Methyl Ethyl Ketone	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0		1.0
2-Chloro-1,3-butadiene	<1.0		1.0
3-Chloro-1-propene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
Dichlorodifluoromethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10		10
Iodomethane	<5.0		5.0
Isobutanol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
methyl isobutyl ketone	<10		10
Pentachloroethane	<5.0		5.0

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

Quality Control Results

Client: EcoSystems Inc

Job Number: 680-16540-1

Method Blank - Batch: 680-45638

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 680-45638/6
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 05/25/2006 1252
 Date Prepared: 05/25/2006 1252

Analysis Batch: 680-45638
 Prep Batch: N/A
 Units: ug/L

Instrument ID: GC/MS Volatiles - O
 Lab File ID: oq612.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
Propionitrile	<20		20
Styrene	<1.0		1.0
1,1,1,2-Tetrachloroethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	98	77 - 120
Dibromofluoromethane	103	75 - 123
Toluene-d8	92	79 - 122

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

Quality Control Results

Client: EcoSystems Inc

Job Number: 680-16540-1

Laboratory Control Sample - Batch: 680-45638

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-45638/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/25/2006 1140
Date Prepared: 05/25/2006 1140

Analysis Batch: 680-45638
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq608.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	183	183	20 - 183	
Benzene	50.0	43.4	87	74 - 122	
Dichlorobromomethane	50.0	46.3	93	74 - 128	
Bromoform	50.0	62.9	126	64 - 132	
Bromomethane	50.0	31.4	63	21 - 176	
Methyl Ethyl Ketone	100	141	141	51 - 142	
Carbon disulfide	50.0	43.5	87	60 - 130	
Carbon tetrachloride	50.0	48.0	96	64 - 137	
Chlorobenzene	50.0	52.1	104	75 - 123	
Chloroethane	50.0	31.5	63	40 - 171	
Chloroform	50.0	48.6	97	74 - 124	
Chloromethane	50.0	25.9	52	51 - 133	
Chlorodibromomethane	50.0	57.5	115	75 - 126	
1,2-Dibromo-3-Chloropropane	50.0	67.5	135	14 - 147	
Ethylene Dibromide	50.0	47.6	95	60 - 118	
Dibromomethane	50.0	45.9	92	70 - 130	
Dichlorodifluoromethane	50.0	23.8	48	70 - 130	*
1,1-Dichloroethane	50.0	43.7	87	70 - 127	
1,2-Dichloroethane	50.0	43.0	86	68 - 130	
1,1-Dichloroethene	50.0	44.0	88	64 - 132	
cis-1,2-Dichloroethene	50.0	46.7	93	69 - 126	
trans-1,2-Dichloroethene	50.0	46.2	92	67 - 130	
1,2-Dichloropropane	50.0	40.9	82	74 - 123	
cis-1,3-Dichloropropene	50.0	49.2	98	76 - 126	
trans-1,3-Dichloropropene	50.0	50.7	101	75 - 126	
Ethylbenzene	50.0	51.3	103	77 - 123	
2-Hexanone	100	136	136	58 - 139	
Methylene Chloride	50.0	44.3	89	67 - 128	
methyl isobutyl ketone	100	94.5	94	62 - 130	
Styrene	50.0	52.4	105	75 - 125	
1,1,1,2-Tetrachloroethane	50.0	56.1	112	62 - 107	*
1,1,2,2-Tetrachloroethane	50.0	54.3	109	71 - 127	
Tetrachloroethene	50.0	56.4	113	70 - 133	
Toluene	50.0	45.8	92	75 - 122	
1,1,1-Trichloroethane	50.0	46.4	93	70 - 132	
1,1,2-Trichloroethane	50.0	44.9	90	75 - 122	
Trichloroethene	50.0	45.6	91	75 - 122	
Trichlorofluoromethane	50.0	42.2	84	74 - 165	
1,2,3-Trichloropropane	50.0	56.8	114	60 - 147	
Vinyl acetate	100	69.1	69	47 - 150	
Vinyl chloride	50.0	31.3	63	59 - 136	

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

Quality Control Results

Client: EcoSystems Inc

Job Number: 680-16540-1

Laboratory Control Sample - Batch: 680-45638

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 680-45638/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/25/2006 1140
Date Prepared: 05/25/2006 1140

Analysis Batch: 680-45638
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq608.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Xylenes, Total	150	154	103	77 - 121	
Surrogate		% Rec		Acceptance Limits	
4-Bromofluorobenzene		102		77 - 120	
Dibromofluoromethane		100		75 - 123	
Toluene-d8		88		79 - 122	

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