Client: EcoSystems Inc

Job Number: 680-16540-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-45638

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	680-16540-1	Analysis Batch: 680-45638	Instrument ID: GC/MS Volatiles - O
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: o2126.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	05/25/2006 1908		Final Weight/Volume: 5 mL
Date Prepared:	05/25/2006 1908		

MSD Lab Sample ID:	680-16540-1	Analysis Batch: 680-45638	Instrument ID: GC/MS Volatiles - O
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: o2128.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	05/25/2006 1945		Final Weight/Volume: 5 mL
Date Prepared:	05/25/2006 1945		

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acetone	94	93	20 - 183	1	50		
Benzene	89	91	74 - 122	2	30		
Dichlorobromomethane	96	94	74 - 128	1	30		
Bromoform	127	124	64 - 132	2	30		
Bromomethane	97	114	21 - 176	16	50		
Methyl Ethyl Ketone	92	94	51 - 142	2	30		
Carbon disulfide	98	98	60 - 130	0	30		
Carbon tetrachloride	104	105	64 - 137	1	30		
Chlorobenzene	103	104	75 - 123	0	30		
Chloroethane	74	73	40 - 171	1	50		
Chloroform	100	101	74 - 124	1	30		
Chloromethane	52	53	51 - 133	2	50		
Chlorodibromomethane	118	117	75 - 126	1	30		
1,2-Dibromo-3-Chloropropane	137	134	14 - 147	2	30		
Ethylene Dibromide	93	92	60 - 118	1	30		
Dibromomethane	90	89	70 - 130	1	30		
Dichlorodifluoromethane	52	51	70 - 130	1	30	*	*
1,1-Dichloroethane	90	91	70 - 127	1	30		
1,2-Dichloroethane	85	85	68 - 130	0	30		
1,1-Dichloroethene	100	99	64 - 132	1	30		
cis-1,2-Dichloroethene	95	97	69 - 126	2	30		
trans-1,2-Dichloroethene	99	99	67 - 130	1	30		
1,2-Dichloropropane	85	85	74 - 123	0	30		
cis-1,3-Dichloropropene	98	95	76 - 126	2	30		
trans-1,3-Dichloropropene	95	93	75 - 126	3	30		
Ethylbenzene	103	104	77 - 123	1	30		
2-Hexanone	107	107	58 - 139	0	30		
Methylene Chloride	94	92	67 - 128	2	30		
methyl isobutyl ketone	93	92	62 - 130	1	30		

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

Client: EcoSystems Inc

Job Number: 680-16540-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-45638

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	680-16540-1	Analysis Batch: 680-45638	Instrument ID: GC/MS Volatiles - O
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: o2126.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	05/25/2006 1908		Final Weight/Volume: 5 mL
Date Prepared:	05/25/2006 1908		

MSD Lab Sample ID:	680-16540-1	Analysis Batch: 680-45638	Instrument ID: GC/MS Volatiles - O
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: o2128.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	05/25/2006 1945		Final Weight/Volume: 5 mL
Date Prepared:	05/25/2006 1945		

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Styrene	103	103	75 - 125	0	30		
1,1,1,2-Tetrachloroethane	114	113	62 - 107	1	30	*	*
1,1,2,2-Tetrachloroethane	110	111	71 - 127	0	30		
Tetrachloroethene	116	118	70 - 133	2	30		
Toluene	91	92	75 - 122	1	30		
1,1,1-Trichloroethane	97	101	70 - 132	3	30		
1,1,2-Trichloroethane	89	88	75 - 122	1	30		
Trichloroethene	98	95	75 - 122	2	30		
Trichlorofluoromethane	95	96	74 - 165	1	50		
1,2,3-Trichloropropane	110	111	60 - 147	0	30		
Vinyl acetate	58	56	47 - 150	2	30		
Vinyl chloride	63	62	59 - 136	2	50		
Xylenes, Total	103	104	77 - 121	1	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
4-Bromofluorobenzene	100	102	77 - 120
Dibromofluoromethane	101	101	75 - 123
Toluene-d8	87	88	79 - 122

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

Client: EcoSystems Inc

Job Number: 680-16540-1

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.

Client: EcoSystems Inc

Job Number: 680-16540-1

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.

Client: EcoSystems Inc

Job Number: 680-16540-1

Method Blank - Batch: 680-44557

Method: 6010B
Preparation: 3005A
Total Recoverable

Lab Sample ID: MB 680-44557/21-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/16/2006 1958
Date Prepared: 05/15/2006 1216

Analysis Batch: 680-44843
Prep Batch: 680-44557
Units: mg/L

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: 680-44557

Method: 6010B
Preparation: 3005A
Total Recoverable

Lab Sample ID: LCS 680-44557/22-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/16/2006 2003
Date Prepared: 05/15/2006 1216

Analysis Batch: 680-44843
Prep Batch: 680-44557
Units: mg/L

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	0.989	99	75 - 125	
Manganese	0.500	0.522	104	75 - 125	

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

Client: EcoSystems Inc

Job Number: 680-16540-1

Method Blank - Batch: 680-47814

Method: 6010B
Preparation: 3005A
Dissolved

Lab Sample ID: MB 680-47814/13-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/20/2006 0051
Date Prepared: 06/19/2006 1006

Analysis Batch: 680-47968
Prep Batch: 680-47814
Units: mg/L

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: 680-47814

Method: 6010B
Preparation: 3005A
Dissolved

Lab Sample ID: LCS 680-47814/14-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/20/2006 0056
Date Prepared: 06/19/2006 1006

Analysis Batch: 680-47968
Prep Batch: 680-47814
Units: mg/L

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	0.514	103	75 - 125	

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

Client: EcoSystems Inc

Job Number: 680-16540-1

Method Blank - Batch: 680-45365

Method: 310.1
Preparation: N/A

Lab Sample ID: MB 680-45365/20
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/23/2006 1032
Date Prepared: N/A

Analysis Batch: 680-45365
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: 680-45365

Method: 310.1
Preparation: N/A

Lab Sample ID: LCS 680-45365/19
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/23/2006 1032
Date Prepared: N/A

Analysis Batch: 680-45365
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	195	101	80 - 120	

Matrix Duplicate - Batch: 680-45365

Method: 310.1
Preparation: N/A

Lab Sample ID: 680-16540-4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/23/2006 1032
Date Prepared: N/A

Analysis Batch: 680-45365
Prep Batch: N/A
Units: mg/L

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

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Alkalinity	489	491	0	30	
Carbon dioxide	363	283	25	30	

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

Client: EcoSystems Inc

Job Number: 680-16540-1

Method Blank - Batch: 680-45346

Method: 325.2
Preparation: N/A

Lab Sample ID: MB 680-45346/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/22/2006 1350
Date Prepared: N/A

Analysis Batch: 680-45346
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: 680-45346

Method: 325.2
Preparation: N/A

LCS Lab Sample ID: LCS 680-45346/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/22/2006 1321
Date Prepared: N/A

Analysis Batch: 680-45346
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 680-45346/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/22/2006 1321
Date Prepared: N/A

Analysis Batch: 680-45346
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. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloride	100	100	85 - 115	0	30		

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

Client: EcoSystems Inc

Job Number: 680-16540-1

Matrix Duplicate - Batch: 680-45346

Method: 325.2
Preparation: N/A

Lab Sample ID: 680-16540-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/22/2006 1358
Date Prepared: N/A

Analysis Batch: 680-45346
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	Sample Result/Qual	Result	RPD	Limit	Qual
Chloride	2.56	2.51	2	30	

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

Client: EcoSystems Inc

Job Number: 680-16540-1

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

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

Client: EcoSystems Inc

Job Number: 680-16540-1

Method Blank - Batch: 680-44646

Method: 3500 FE D
Preparation: N/A

Lab Sample ID: MB 680-44646/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/12/2006 0918
Date Prepared: N/A

Analysis Batch: 680-44646
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: 680-44646

Method: 3500 FE D
Preparation: N/A

Lab Sample ID: LCS 680-44646/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/12/2006 0918
Date Prepared: N/A

Analysis Batch: 680-44646
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	1.9	94	80 - 120	

Matrix Duplicate - Batch: 680-44646

Method: 3500 FE D
Preparation: N/A

Lab Sample ID: 680-16540-5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/12/2006 0918
Date Prepared: N/A

Analysis Batch: 680-44646
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	Sample Result/Qual	Result	RPD	Limit	Qual
Ferrous Iron	0.181	0.200	10	20	

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

Client: EcoSystems Inc

Job Number: 680-16540-1

Method Blank - Batch: 680-45065

Method: 353.2
Preparation: N/A

Lab Sample ID: MB 680-45065/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/18/2006 1541
Date Prepared: N/A

Analysis Batch: 680-45065
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
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: 680-45065

Method: 353.2
Preparation: N/A

LCS Lab Sample ID: LCS 680-45065/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/18/2006 1541
Date Prepared: N/A

Analysis Batch: 680-45065
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

LCSD Lab Sample ID: LCSD 680-45065/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/18/2006 1541
Date Prepared: N/A

Analysis Batch: 680-45065
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

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Nitrogen, Nitrate	109	109	80 - 120	0	30		
Nitrogen, Nitrate Nitrite	109	109	80 - 120	0	30		

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

Client: EcoSystems Inc

Job Number: 680-16540-1

Method Blank - Batch: 680-45190

Method: 353.2
Preparation: N/A

Lab Sample ID: MB 680-45190/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/19/2006 0952
Date Prepared: N/A

Analysis Batch: 680-45190
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: 680-45190

Method: 353.2
Preparation: N/A

LCS Lab Sample ID: LCS 680-45190/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/19/2006 0952
Date Prepared: N/A

Analysis Batch: 680-45190
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 680-45190/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/19/2006 0952
Date Prepared: N/A

Analysis Batch: 680-45190
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. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Nitrogen, Nitrate	97	97	80 - 120	0	30		
Nitrogen, Nitrate Nitrite	97	97	80 - 120	0	30		

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

Client: EcoSystems Inc

Job Number: 680-16540-1

Matrix Duplicate - Batch: 680-45190

Method: 353.2
Preparation: N/A

Lab Sample ID: 680-16540-8
Client Matrix: Water
Dilution: 2.0
Date Analyzed: 05/12/2006 1231
Date Prepared: N/A

Analysis Batch: 680-45190
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	Sample Result/Qual	Result	RPD	Limit	Qual
Nitrogen, Nitrate	2.44	2.50	2	30	
Nitrogen, Nitrate Nitrite	2.44	2.50	2	30	
Nitrogen, Nitrite	0.0	0.0	NC	30	

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

Client: EcoSystems Inc

Job Number: 680-16540-1

Method Blank - Batch: 680-44663

Method: 365.2
Preparation: N/A

Lab Sample ID: MB 680-44663/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/12/2006 1304
Date Prepared: N/A

Analysis Batch: 680-44663
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: 680-44663

Method: 365.2
Preparation: N/A

Lab Sample ID: LCS 680-44663/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/12/2006 1304
Date Prepared: N/A

Analysis Batch: 680-44663
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	92	90 - 110	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-44663

Method: 365.2
Preparation: N/A

MS Lab Sample ID: 680-16540-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/12/2006 1304
Date Prepared: N/A

Analysis Batch: 680-44663
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: 680-16540-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/12/2006 1304
Date Prepared: N/A

Analysis Batch: 680-44663
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. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Orthophosphate	100	104	90 - 110	4	30		

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

Client: EcoSystems Inc

Job Number: 680-16540-1

Method Blank - Batch: 680-45291

Method: 375.4
Preparation: N/A

Lab Sample ID: MB 680-45291/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/22/2006 1213
Date Prepared: N/A

Analysis Batch: 680-45291
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: 680-45291

Method: 375.4
Preparation: N/A

LCS Lab Sample ID: LCS 680-45291/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/22/2006 1213
Date Prepared: N/A

Analysis Batch: 680-45291
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 680-45291/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/22/2006 1213
Date Prepared: N/A

Analysis Batch: 680-45291
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. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Sulfate	98	97	75 - 125	1	30		

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

Client: EcoSystems Inc

Job Number: 680-16540-1

Matrix Duplicate - Batch: 680-45291

Method: 375.4
Preparation: N/A

Lab Sample ID: 680-16540-8
Client Matrix: Water
Dilution: 2.0
Date Analyzed: 05/22/2006 1238
Date Prepared: N/A

Analysis Batch: 680-45291
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	37.2	41.2	10	30	

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

Client: EcoSystems Inc

Job Number: 680-16540-1

Method Blank - Batch: 680-44732

Method: 376.2
Preparation: N/A

Lab Sample ID: MB 680-44732/23
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/15/2006 1545
Date Prepared: N/A

Analysis Batch: 680-44732
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/
Laboratory Control Duplicate Recovery Report - Batch: 680-44732

Method: 376.2
Preparation: N/A

LCS Lab Sample ID: LCS 680-44732/24
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/15/2006 1545
Date Prepared: N/A

Analysis Batch: 680-44732
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

LCSD Lab Sample ID: LCSD 680-44732/25
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/15/2006 1545
Date Prepared: N/A

Analysis Batch: 680-44732
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	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Sulfide	98	97	80 - 120	1	25		

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

Client: EcoSystems Inc

Job Number: 680-16540-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-44732

Method: 376.2
Preparation: N/A

MS Lab Sample ID:	680-16540-1	Analysis Batch: 680-44732	Instrument ID: No Equipment Assigned
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 25 mL
Date Analyzed:	05/15/2006 1545		Final Weight/Volume: 25 mL
Date Prepared:	N/A		

MSD Lab Sample ID:	680-16540-1	Analysis Batch: 680-44732	Instrument ID: No Equipment Assigned
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 25 mL
Date Analyzed:	05/15/2006 1545		Final Weight/Volume: 25 mL
Date Prepared:	N/A		

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Sulfide	104	108	80 - 120	4	25		

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

Client: EcoSystems Inc

Job Number: 680-16540-1

Method Blank - Batch: 680-45245

Method: 415.1
Preparation: N/A

Lab Sample ID: MB 680-45245/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/19/2006 0936
Date Prepared: N/A

Analysis Batch: 680-45245
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: 680-45245

Method: 415.1
Preparation: N/A

LCS Lab Sample ID: LCS 680-45245/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/19/2006 0936
Date Prepared: N/A

Analysis Batch: 680-45245
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 680-45245/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/19/2006 0936
Date Prepared: N/A

Analysis Batch: 680-45245
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. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Total Organic Carbon	91	92	80 - 120	0	25		

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

Client: EcoSystems Inc

Job Number: 680-16540-1

Matrix Duplicate - Batch: 680-45245

Method: 415.1
Preparation: N/A

Lab Sample ID: 680-16540-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/19/2006 0936
Date Prepared: N/A

Analysis Batch: 680-45245
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	Sample Result/Qual	Result	RPD	Limit	Qual
Total Organic Carbon	1.93	1.96	2	25	

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

Client: EcoSystems Inc

Job Number: 680-16540-1

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

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

Client: EcoSystems Inc

Job Number: 680-16540-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-45095

Method: 420.1
Preparation: Distill/Phenol

MS Lab Sample ID:	680-16540-1	Analysis Batch:	680-45098	Instrument ID:	No Equipment Assigned
Client Matrix:	Water	Prep Batch:	680-45095	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	05/19/2006 0925			Final Weight/Volume:	100 mL
Date Prepared:	05/19/2006 0640				

MSD Lab Sample ID:	680-16540-1	Analysis Batch:	680-45098	Instrument ID:	No Equipment Assigned
Client Matrix:	Water	Prep Batch:	680-45095	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	05/19/2006 0925			Final Weight/Volume:	100 mL
Date Prepared:	05/19/2006 0640				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Phenolics, Total Recoverable	108	109	75 - 125	0	30		

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

Cooler of 3 Serial Number 90778

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN TRENT **STL**

STL Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Website: www.stl-inc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE: HER25080	PROJECT NO.	PROJECT LOCATION (STATE): MS	
STL (LAB) PROJECT MANAGER: Lidia Guliza	P.O. NUMBER: 4500911597	CONTRACT NO.	
CLIENT (SITE) PM: Tim Hassett	CLIENT PHONE: 302-995-3456	CLIENT FAX	
CLIENT NAME: Hercules, Inc.	CLIENT E-MAIL		
CLIENT ADDRESS: Hercules Research Center, 500 Hercules Rd. Wilmington, DE 19808			
COMPANY CONTRACTING THIS WORK (if applicable)			

PAGE 1 OF 1

STANDARD REPORT DELIVERY ☆
DATE DUE
EXPEDITED REPORT DELIVERY (SURCHARGE) ○
DATE DUE
NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	MATRIX: COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT,...)	REQUIRED ANALYSIS: App IV VOCs	353.2 Nitrate/Nitrite	350.1 Ammonia	310.1 Alkalinity & CO2	6010B/3005A Iron	420.1 Total Phenol	415.1 TOC	376.2 Sulfide	RSK 175 Methane	365.2/375.4/325.2	REMARKS
								HCl	none/HNO3	H2SO4		HNO3	H2SO4	HCl	zinc acetate			
5-11-06	0930	HER-MW02-0506	G	✓				4	2	1	1	1	1	1	1	3/1	1	17 Total Containers
5-11-06	0830	HER-MW03-0506	G	✓				4	2	1	1	1	1	1	1	3/1	1	"
5-11-06	1115	HER-MW04-0506	G	✓				3	2	1	1	1	1	1	1	3/1	1	"
5-11-06	1310	HER-MW05-0506	G	✓				3	2	1	1	1	1	1	1	3/1	1	"
5-11-06	1030	HER-MW10-0506	G	✓				3	2	1	1	1	1	1	1	3/1	1	"
5-11-06	1205	HER-MW11-0506	G	✓				3	2	1	1	1	1	1	1	3/1	1	"
5-11-06	1410	HER-MW12-0506	G	✓				3	2	1	1	1	1	1	1	3/1	1	"
5-11-06	1515	HER-MW06-0506																

NUMBER OF CONTAINERS SUBMITTED

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
				5-11-06	1730			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
			FedEx Airbill					

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT YES / NO	CUSTODY SEAL NO.	STL SAVANNAH LOG NO.	LABORATORY REMARKS:
	5/12/06	0924	YES		480-16540	TEMP 0.2°C / 0.8°C / 1.6°C

STL8240-680 (12/02)

Note: TOC Jars do not appear to be for aqueous matrix. Preservative leaked Prior to

LOGIN SAMPLE RECEIPT CHECK LIST

Client: EcoSystems Inc

Job Number: 680-16540-1

Login Number: 16540

Question	T/F/NA	Comment
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.	False	Received TB samples not listed on COC.
There are no discrepancies between the sample IDs on the containers and the COC.	False	Ferrous Iron label for MW11 marked MW-10 (times match MW-11).
Samples are received within Holding Time.	False	Ferrous Iron samples received outside of holding time.
Sample containers have legible labels.	True	
Containers are not broken or leaking.	False	One 40mL vial w/ HCl for MW-06 received broken.
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.	NA	
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: 680-16478-1

Job Description: Hercules Hattiesburg May 2006 (HER25080)

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

Attention: Mr. Charles Coney

Lidya Gulizia

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

Project Manager: Lidya Gulizia

METHOD SUMMARY

Client: EcoSystems Inc

Job Number: 680-16478-1

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	STL-SAV		SW846 3005A
Sample Filtration	STL-SAV		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: 680-16478-1

Method	Analyst	Analyst ID
SW846 8260B	Graham, Demetri	DG
SW846 8260B	Vandergriff, Jerry	JV
RSK RSK-175	Young, Myron	MY
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 365.2	Ross, Jon	JR
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: 680-16478-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
680-16478-1	HER-CMO5-0506	Water	05/10/2006 0840	05/11/2006 0922
680-16478-2	HER-CM04-0506	Water	05/10/2006 0910	05/11/2006 0922
680-16478-3	HER-CM03-0506	Water	05/10/2006 0925	05/11/2006 0922
680-16478-4	HER-CM02-0506	Water	05/10/2006 0945	05/11/2006 0922
680-16478-4MSMS	HER-CM02-0506 MS	Water	05/10/2006 0945	05/11/2006 0922
680-16478-4MSDMS	HER-CM02-0506 MSD	Water	05/10/2006 0945	05/11/2006 0922
680-16478-5	HER-CM01 -0506	Water	05/10/2006 1000	05/11/2006 0922
680-16478-6	HER-CM00-0506	Water	05/10/2006 1015	05/11/2006 0922
680-16478-7	HER-MW15-0506	Water	05/10/2006 1140	05/11/2006 0922
680-16478-7MSMS	HER-MW15-0506 MS	Water	05/10/2006 1140	05/11/2006 0922
680-16478-7MSDMS	HER-MW15-0506 MSD	Water	05/10/2006 1140	05/11/2006 0922
680-16478-8	HER-MW08-0506	Water	05/10/2006 1315	05/11/2006 0922
680-16478-9	HER-RS2-0506	Water	05/10/2006 1120	05/11/2006 0922
680-16478-10FD	HER-FD2-0506	Water	05/10/2006 0000	05/11/2006 0922
680-16478-11TB	TRIP BLANK	Water	05/10/2006 0000	05/11/2006 0922

SAMPLE RESULTS

Client: EcoSystems Inc

Job Number: 680-16478-1

Client Sample ID: **HER-CMO5-0506**

Lab Sample ID: 680-16478-1
Client Matrix: Water

Date Sampled: 05/10/2006 0840
Date Received: 05/11/2006 0922

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/23/2006 0331
Date Prepared: 05/23/2006 0331

Analysis Batch: 680-45330

Instrument ID: GC/MS Volatiles - P
Lab File ID: p0132.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

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

Client: EcoSystems Inc

Job Number: 680-16478-1

Client Sample ID: **HER-CMO5-0506**

Lab Sample ID: 680-16478-1
Client Matrix: Water

Date Sampled: 05/10/2006 0840
Date Received: 05/11/2006 0922

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/23/2006 0331
Date Prepared: 05/23/2006 0331

Analysis Batch: 680-45330

Instrument ID: GC/MS Volatiles - P
Lab File ID: p0132.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	87	77 - 120
Dibromofluoromethane	93	75 - 123
Toluene-d8	102	79 - 122

Client: EcoSystems Inc

Job Number: 680-16478-1

Client Sample ID: **HER-CM04-0506**

Lab Sample ID: 680-16478-2
Client Matrix: Water

Date Sampled: 05/10/2006 0910
Date Received: 05/11/2006 0922

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/23/2006 0359
Date Prepared: 05/23/2006 0359

Analysis Batch: 680-45330

Instrument ID: GC/MS Volatiles - P
Lab File ID: p0134.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

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

Client: EcoSystems Inc

Job Number: 680-16478-1

Client Sample ID: **HER-CM04-0506**

Lab Sample ID: 680-16478-2
Client Matrix: Water

Date Sampled: 05/10/2006 0910
Date Received: 05/11/2006 0922

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/23/2006 0359
Date Prepared: 05/23/2006 0359

Analysis Batch: 680-45330

Instrument ID: GC/MS Volatiles - P
Lab File ID: p0134.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	1.4		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	91	77 - 120
Dibromofluoromethane	94	75 - 123
Toluene-d8	101	79 - 122

Client: EcoSystems Inc

Job Number: 680-16478-1

Client Sample ID: **HER-CM03-0506**

Lab Sample ID: 680-16478-3
Client Matrix: Water

Date Sampled: 05/10/2006 0925
Date Received: 05/11/2006 0922

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/23/2006 0427
Date Prepared: 05/23/2006 0427

Analysis Batch: 680-45330

Instrument ID: GC/MS Volatiles - P
Lab File ID: p0136.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	1.6		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

Client: EcoSystems Inc

Job Number: 680-16478-1

Client Sample ID: **HER-CM03-0506**

Lab Sample ID: 680-16478-3
Client Matrix: Water

Date Sampled: 05/10/2006 0925
Date Received: 05/11/2006 0922

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/23/2006 0427
Date Prepared: 05/23/2006 0427

Analysis Batch: 680-45330

Instrument ID: GC/MS Volatiles - P
Lab File ID: p0136.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	91	77 - 120
Dibromofluoromethane	90	75 - 123
Toluene-d8	102	79 - 122

Client: EcoSystems Inc

Job Number: 680-16478-1

Client Sample ID: **HER-CM02-0506**

Lab Sample ID: 680-16478-4
Client Matrix: Water

Date Sampled: 05/10/2006 0945
Date Received: 05/11/2006 0922

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/23/2006 0454
Date Prepared: 05/23/2006 0454

Analysis Batch: 680-45330

Instrument ID: GC/MS Volatiles - P
Lab File ID: p0138.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

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

Client: EcoSystems Inc

Job Number: 680-16478-1

Client Sample ID: HER-CM02-0506

Lab Sample ID: 680-16478-4
Client Matrix: Water

Date Sampled: 05/10/2006 0945
Date Received: 05/11/2006 0922

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/23/2006 0454
Date Prepared: 05/23/2006 0454

Analysis Batch: 680-45330

Instrument ID: GC/MS Volatiles - P
Lab File ID: p0138.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	91	77 - 120
Dibromofluoromethane	98	75 - 123
Toluene-d8	102	79 - 122

Client: EcoSystems Inc

Job Number: 680-16478-1

Client Sample ID: **HER-CM01 -0506**

Lab Sample ID: 680-16478-5
Client Matrix: Water

Date Sampled: 05/10/2006 1000
Date Received: 05/11/2006 0922

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/23/2006 0522
Date Prepared: 05/23/2006 0522

Analysis Batch: 680-45330

Instrument ID: GC/MS Volatiles - P
Lab File ID: p0140.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

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

Client: EcoSystems Inc

Job Number: 680-16478-1

Client Sample ID: **HER-CM01 -0506**

Lab Sample ID: 680-16478-5
Client Matrix: Water

Date Sampled: 05/10/2006 1000
Date Received: 05/11/2006 0922

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/23/2006 0522
Date Prepared: 05/23/2006 0522

Analysis Batch: 680-45330

Instrument ID: GC/MS Volatiles - P
Lab File ID: p0140.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	89	77 - 120
Dibromofluoromethane	94	75 - 123
Toluene-d8	104	79 - 122

Client: EcoSystems Inc

Job Number: 680-16478-1

Client Sample ID: **HER-CM00-0506**

Lab Sample ID: 680-16478-6
Client Matrix: Water

Date Sampled: 05/10/2006 1015
Date Received: 05/11/2006 0922

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/23/2006 0550
Date Prepared: 05/23/2006 0550

Analysis Batch: 680-45330

Instrument ID: GC/MS Volatiles - P
Lab File ID: p0142.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

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

Client: EcoSystems Inc

Job Number: 680-16478-1

Client Sample ID: HER-CM00-0506

Lab Sample ID: 680-16478-6
Client Matrix: Water

Date Sampled: 05/10/2006 1015
Date Received: 05/11/2006 0922

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/23/2006 0550
Date Prepared: 05/23/2006 0550

Analysis Batch: 680-45330

Instrument ID: GC/MS Volatiles - P
Lab File ID: p0142.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	89	77 - 120
Dibromofluoromethane	91	75 - 123
Toluene-d8	104	79 - 122

Client: EcoSystems Inc

Job Number: 680-16478-1

Client Sample ID: **HER-MW15-0506**

Lab Sample ID: 680-16478-7
Client Matrix: Water

Date Sampled: 05/10/2006 1140
Date Received: 05/11/2006 0922

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/23/2006 0618
Date Prepared: 05/23/2006 0618

Analysis Batch: 680-45330

Instrument ID: GC/MS Volatiles - P
Lab File ID: p0144.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Acetone	50		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

Client: EcoSystems Inc

Job Number: 680-16478-1

Client Sample ID: **HER-MW15-0506**

Lab Sample ID: 680-16478-7
Client Matrix: Water

Date Sampled: 05/10/2006 1140
Date Received: 05/11/2006 0922

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/23/2006 0618
Date Prepared: 05/23/2006 0618

Analysis Batch: 680-45330

Instrument ID: GC/MS Volatiles - P
Lab File ID: p0144.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	93	77 - 120
Dibromofluoromethane	96	75 - 123
Toluene-d8	102	79 - 122

Client: EcoSystems Inc

Job Number: 680-16478-1

Client Sample ID: **HER-MW08-0506**

Lab Sample ID: 680-16478-8
Client Matrix: Water

Date Sampled: 05/10/2006 1315
Date Received: 05/11/2006 0922

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 25
Date Analyzed: 05/23/2006 0646
Date Prepared: 05/23/2006 0646

Analysis Batch: 680-45330

Instrument ID: GC/MS Volatiles - P
Lab File ID: p0146.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<630		630
Acetonitrile	<1000		1000
Acrolein	<500		500
Acrylonitrile	<500		500
Benzene	8800	E	25
Dichlorobromomethane	<25		25
Bromoform	<25		25
Bromomethane	<25		25
Methyl Ethyl Ketone	<250		250
Carbon disulfide	<50		50
Carbon tetrachloride	1700		25
Chlorobenzene	130		25
Chloroethane	<25		25
Chloroform	260		25
Chloromethane	<25		25
2-Chloro-1,3-butadiene	<25		25
3-Chloro-1-propene	<25		25
Chlorodibromomethane	<25		25
1,2-Dibromo-3-Chloropropane	<25		25
Ethylene Dibromide	<25		25
Dibromomethane	<25		25
trans-1,4-Dichloro-2-butene	<50		50
Dichlorodifluoromethane	<25		25
1,1-Dichloroethane	<25		25
1,2-Dichloroethane	<25		25
1,1-Dichloroethene	<25		25
cis-1,2-Dichloroethene	29		25
trans-1,2-Dichloroethene	<25		25
1,2-Dichloropropane	<25		25
cis-1,3-Dichloropropene	<25		25
trans-1,3-Dichloropropene	<25		25
Ethylbenzene	150		25
Ethyl methacrylate	<25		25
2-Hexanone	<250		250
Iodomethane	<130		130
Isobutanol	<1000		1000
Methacrylonitrile	<500		500
Methylene Chloride	380		130
Methyl methacrylate	<25		25
methyl isobutyl ketone	<250		250
Pentachloroethane	<130		130
Propionitrile	<500		500
Styrene	<25		25

Client: EcoSystems Inc

Job Number: 680-16478-1

Client Sample ID: **HER-MW08-0506**

Lab Sample ID: 680-16478-8
Client Matrix: Water

Date Sampled: 05/10/2006 1315
Date Received: 05/11/2006 0922

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 25
Date Analyzed: 05/23/2006 0646
Date Prepared: 05/23/2006 0646

Analysis Batch: 680-45330

Instrument ID: GC/MS Volatiles - P
Lab File ID: p0146.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,1,1,2-Tetrachloroethane	<25		25
1,1,2,2-Tetrachloroethane	<25		25
Tetrachloroethene	<25		25
Toluene	180		25
1,1,1-Trichloroethane	<25		25
1,1,2-Trichloroethane	<25		25
Trichloroethene	<25		25
Trichlorofluoromethane	<25		25
1,2,3-Trichloropropane	<25		25
Vinyl acetate	<50		50
Vinyl chloride	<25		25
Xylenes, Total	260		50

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	91	77 - 120
Dibromofluoromethane	95	75 - 123
Toluene-d8	101	79 - 122

Client: EcoSystems Inc

Job Number: 680-16478-1

Client Sample ID: **HER-MW08-0506**

Lab Sample ID: 680-16478-8
Client Matrix: Water

Date Sampled: 05/10/2006 1315
Date Received: 05/11/2006 0922

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 100
Date Analyzed: 05/23/2006 1520
Date Prepared: 05/23/2006 1520

Analysis Batch: 680-45398

Run Type: DL

Instrument ID: GC/MS Volatiles - P
Lab File ID: p0170.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<2500		2500
Acetonitrile	<4000		4000
Acrolein	<2000		2000
Acrylonitrile	<2000		2000
Benzene	11000	D	100
Dichlorobromomethane	<100		100
Bromoform	<100		100
Bromomethane	<100		100
Methyl Ethyl Ketone	<1000		1000
Carbon disulfide	<200		200
Carbon tetrachloride	2200	D	100
Chlorobenzene	170	D	100
Chloroethane	<100		100
Chloroform	280	D	100
Chloromethane	<100		100
2-Chloro-1,3-butadiene	<100		100
3-Chloro-1-propene	<100		100
Chlorodibromomethane	<100		100
1,2-Dibromo-3-Chloropropane	<100		100
Ethylene Dibromide	<100		100
Dibromomethane	<100		100
trans-1,4-Dichloro-2-butene	<200		200
Dichlorodifluoromethane	<100	*	100
1,1-Dichloroethane	<100		100
1,2-Dichloroethane	<100		100
1,1-Dichloroethene	<100		100
cis-1,2-Dichloroethene	<100		100
trans-1,2-Dichloroethene	<100		100
1,2-Dichloropropane	<100		100
cis-1,3-Dichloropropene	<100		100
trans-1,3-Dichloropropene	<100		100
Ethylbenzene	190	D	100
Ethyl methacrylate	<100		100
2-Hexanone	<1000		1000
Iodomethane	<500		500
Isobutanol	<4000		4000
Methacrylonitrile	<2000		2000
Methylene Chloride	<500		500
Methyl methacrylate	<100		100
methyl isobutyl ketone	<1000		1000
Pentachloroethane	<500		500
Propionitrile	<2000		2000
Styrene	<100		100

Client: EcoSystems Inc

Job Number: 680-16478-1

Client Sample ID: **HER-MW08-0506**

Lab Sample ID: 680-16478-8
Client Matrix: Water

Date Sampled: 05/10/2006 1315
Date Received: 05/11/2006 0922

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 100
Date Analyzed: 05/23/2006 1520
Date Prepared: 05/23/2006 1520

Analysis Batch: 680-45398

Run Type: DL

Instrument ID: GC/MS Volatiles - P
Lab File ID: p0170.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,1,1,2-Tetrachloroethane	<100		100
1,1,2,2-Tetrachloroethane	<100		100
Tetrachloroethene	<100		100
Toluene	240		100
1,1,1-Trichloroethane	<100		100
1,1,2-Trichloroethane	<100		100
Trichloroethene	<100		100
Trichlorofluoromethane	<100		100
1,2,3-Trichloropropane	<100		100
Vinyl acetate	<200		200
Vinyl chloride	<100	*	100
Xylenes, Total	340	D	200

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	90	77 - 120
Dibromofluoromethane	92	75 - 123
Toluene-d8	100	79 - 122

Client: EcoSystems Inc

Job Number: 680-16478-1

Client Sample ID: **HER-RS2-0506**

Lab Sample ID: 680-16478-9
Client Matrix: Water

Date Sampled: 05/10/2006 1120
Date Received: 05/11/2006 0922

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/23/2006 0714
Date Prepared: 05/23/2006 0714

Analysis Batch: 680-45330

Instrument ID: GC/MS Volatiles - P
Lab File ID: p0148.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

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

Client: EcoSystems Inc

Job Number: 680-16478-1

Client Sample ID: **HER-RS2-0506**

Lab Sample ID: 680-16478-9
Client Matrix: Water

Date Sampled: 05/10/2006 1120
Date Received: 05/11/2006 0922

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/23/2006 0714
Date Prepared: 05/23/2006 0714

Analysis Batch: 680-45330

Instrument ID: GC/MS Volatiles - P
Lab File ID: p0148.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	88	77 - 120
Dibromofluoromethane	89	75 - 123
Toluene-d8	97	79 - 122

Client: EcoSystems Inc

Job Number: 680-16478-1

Client Sample ID: **HER-FD2-0506**

Lab Sample ID: 680-16478-10FD
Client Matrix: Water

Date Sampled: 05/10/2006 0000
Date Received: 05/11/2006 0922

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/23/2006 0742
Date Prepared: 05/23/2006 0742

Analysis Batch: 680-45330

Instrument ID: GC/MS Volatiles - P
Lab File ID: p0150.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	2.1		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

Client: EcoSystems Inc

Job Number: 680-16478-1

Client Sample ID: **HER-FD2-0506**

Lab Sample ID: 680-16478-10FD
Client Matrix: Water

Date Sampled: 05/10/2006 0000
Date Received: 05/11/2006 0922

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/23/2006 0742
Date Prepared: 05/23/2006 0742

Analysis Batch: 680-45330

Instrument ID: GC/MS Volatiles - P
Lab File ID: p0150.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	86	77 - 120
Dibromofluoromethane	95	75 - 123
Toluene-d8	101	79 - 122

Client: EcoSystems Inc

Job Number: 680-16478-1

Client Sample ID: **TRIP BLANK**

Lab Sample ID: 680-16478-11TB
Client Matrix: Water

Date Sampled: 05/10/2006 0000
Date Received: 05/11/2006 0922

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/23/2006 0303
Date Prepared: 05/23/2006 0303

Analysis Batch: 680-45330

Instrument ID: GC/MS Volatiles - P
Lab File ID: p0130.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

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

Client: EcoSystems Inc

Job Number: 680-16478-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 680-16478-11TB
Client Matrix: Water

Date Sampled: 05/10/2006 0000
Date Received: 05/11/2006 0922

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/23/2006 0303
Date Prepared: 05/23/2006 0303

Analysis Batch: 680-45330

Instrument ID: GC/MS Volatiles - P
Lab File ID: p0130.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	92	77 - 120
Dibromofluoromethane	94	75 - 123
Toluene-d8	103	79 - 122

Client: EcoSystems Inc

Job Number: 680-16478-1

Client Sample ID: **HER-MW15-0506**

Lab Sample ID: 680-16478-7
Client Matrix: Water

Date Sampled: 05/10/2006 1140
Date Received: 05/11/2006 0922

RSK-175 Dissolved Gases in Water

Method: RSK-175
Preparation: N/A
Dilution: 1.0
Date Analyzed: 05/11/2006 2308
Date Prepared: N/A

Analysis Batch: 680-44543

Instrument ID: GC Volatiles - U TCD
Lab File ID: U1768.D
Initial Weight/Volume:
Final Weight/Volume: 1000 uL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Methane	4800		0.19

Client: EcoSystems Inc

Job Number: 680-16478-1

Client Sample ID: **HER-MW08-0506**

Lab Sample ID: 680-16478-8
Client Matrix: Water

Date Sampled: 05/10/2006 1315
Date Received: 05/11/2006 0922

RSK-175 Dissolved Gases in Water

Method: RSK-175
Preparation: N/A
Dilution: 1.0
Date Analyzed: 05/11/2006 2325
Date Prepared: N/A

Analysis Batch: 680-44543

Instrument ID: GC Volatiles - U TCD
Lab File ID: U1769.D
Initial Weight/Volume:
Final Weight/Volume: 1000 uL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Methane	2000		0.19

Client: EcoSystems Inc

Job Number: 680-16478-1

Client Sample ID: HER-MW15-0506

Lab Sample ID: 680-16478-7
Client Matrix: Water

Date Sampled: 05/10/2006 1140
Date Received: 05/11/2006 0922

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

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 05/15/2006 1442
Date Prepared: 05/12/2006 0857

Analysis Batch: 680-44704
Prep Batch: 680-44388

Instrument 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	70		0.050

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 05/15/2006 1442
Date Prepared: 05/12/2006 0857

Analysis Batch: 680-47630
Prep Batch: 680-47706

Instrument 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	1.5		0.010

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Dissolved

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 06/19/2006 2324
Date Prepared: 06/19/2006 0943

Analysis Batch: 680-47966
Prep Batch: 680-47805

Instrument 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	1.1		0.010

Client: EcoSystems Inc

Job Number: 680-16478-1

Client Sample ID: HER-MW08-0506

Lab Sample ID: 680-16478-8
Client Matrix: Water

Date Sampled: 05/10/2006 1315
Date Received: 05/11/2006 0922

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

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 05/15/2006 1456
Date Prepared: 05/12/2006 0857

Analysis Batch: 680-44704
Prep Batch: 680-44388

Instrument 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	39		0.050

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 05/15/2006 1456
Date Prepared: 05/12/2006 0857

Analysis Batch: 680-47630
Prep Batch: 680-47706

Instrument 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	1.5		0.010

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Dissolved

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 06/19/2006 2348
Date Prepared: 06/19/2006 0943

Analysis Batch: 680-47966
Prep Batch: 680-47805

Instrument 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	1.5		0.010

General Chemistry

Client Sample ID: **HER-MW15-0506**

Lab Sample ID: 680-16478-7
Client Matrix: Water

Date Sampled: 05/10/2006 1140
Date Received: 05/11/2006 0922

Analyte	Result	Qual	Units	RL	Dil	Method
Chloride	37		mg/L	1.0	1.0	325.2
	Anly Batch: 680-45346	Date Analyzed	05/22/2006 1418			
Ammonia	4.3		mg/L	0.15	5.0	350.1
	Anly Batch: 680-45460	Date Analyzed	05/23/2006 1426			
Ferrous Iron	4.7		mg/L	0.10	1.0	3500 FE D
	Anly Batch: 680-45401	Date Analyzed	05/11/2006 1105			
Nitrogen, Nitrate	<0.050		mg/L	0.050	1.0	353.2
	Anly Batch: 680-45126	Date Analyzed	05/11/2006 1655			
Nitrogen, Nitrate Nitrite	<0.050		mg/L	0.050	1.0	353.2
	Anly Batch: 680-45126	Date Analyzed	05/11/2006 1655			
Nitrogen, Nitrite	<0.050		mg/L	0.050	1.0	353.2
	Anly Batch: 680-45126	Date Analyzed	05/11/2006 1655			
Orthophosphate	<0.050		mg/L	0.050	1.0	365.2
	Anly Batch: 680-45644	Date Analyzed	05/11/2006 1357			
Sulfate	<5.0		mg/L	5.0	1.0	375.4
	Anly Batch: 680-45153	Date Analyzed	05/19/2006 0932			
Sulfide	<0.10		mg/L	0.10	1.0	376.2
	Anly Batch: 680-44363	Date Analyzed	05/11/2006 1145			
Total Organic Carbon	57		mg/L	1.0	1.0	415.1
	Anly Batch: 680-44710	Date Analyzed	05/15/2006 1105			
Phenolics, Total Recoverable	<0.050		mg/L	0.050	1.0	420.1
	Anly Batch: 680-44441	Date Analyzed	05/12/2006 1120			
	Prep Batch: 680-44438	Date Prepared:	05/12/2006 0730			

General Chemistry

Client Sample ID: **HER-MW15-0506**

Lab Sample ID: 680-16478-7
Client Matrix: Water

Date Sampled: 05/10/2006 1140
Date Received: 05/11/2006 0922

Analyte	Result	Qual	Units	RL	Dil	Method
Alkalinity	450		mg/L	1.0	1.0	310.1
	Anly Batch: 680-45217	Date Analyzed	05/19/2006 1355			
Carbon dioxide	240		mg/L	1.0	1.0	310.1
	Anly Batch: 680-45217	Date Analyzed	05/19/2006 1355			

General Chemistry

Client Sample ID: **HER-MW08-0506**

Lab Sample ID: 680-16478-8
Client Matrix: Water

Date Sampled: 05/10/2006 1315
Date Received: 05/11/2006 0922

Analyte	Result	Qual	Units	RL	Dil	Method
Chloride	100		mg/L	2.0	2.0	325.2
	Anly Batch: 680-45346	Date Analyzed	05/22/2006 1439			
Ammonia	0.40		mg/L	0.030	1.0	350.1
	Anly Batch: 680-45460	Date Analyzed	05/23/2006 1358			
Ferrous Iron	39		mg/L	1.0	10	3500 FE D
	Anly Batch: 680-45401	Date Analyzed	05/11/2006 1105			
Nitrogen, Nitrate	<0.050		mg/L	0.050	1.0	353.2
	Anly Batch: 680-45126	Date Analyzed	05/11/2006 1655			
Nitrogen, Nitrate Nitrite	<0.050		mg/L	0.050	1.0	353.2
	Anly Batch: 680-45126	Date Analyzed	05/11/2006 1655			
Nitrogen, Nitrite	<0.050		mg/L	0.050	1.0	353.2
	Anly Batch: 680-45126	Date Analyzed	05/11/2006 1655			
Orthophosphate	<0.050		mg/L	0.050	1.0	365.2
	Anly Batch: 680-45644	Date Analyzed	05/11/2006 1357			
Sulfate	9.9		mg/L	5.0	1.0	375.4
	Anly Batch: 680-45153	Date Analyzed	05/19/2006 0934			
Sulfide	0.11		mg/L	0.10	1.0	376.2
	Anly Batch: 680-44363	Date Analyzed	05/11/2006 1145			
Total Organic Carbon	75		mg/L	1.0	1.0	415.1
	Anly Batch: 680-44710	Date Analyzed	05/15/2006 1105			
Phenolics, Total Recoverable	0.26		mg/L	0.050	1.0	420.1
	Anly Batch: 680-44441	Date Analyzed	05/12/2006 1120			
	Prep Batch: 680-44438	Date Prepared:	05/12/2006 0730			

General Chemistry

Client Sample ID: **HER-MW08-0506**

Lab Sample ID: 680-16478-8
Client Matrix: Water

Date Sampled: 05/10/2006 1315
Date Received: 05/11/2006 0922

Analyte	Result	Qual	Units	RL	Dil	Method
Alkalinity	200		mg/L	1.0	1.0	310.1
	Anly Batch: 680-45365	Date Analyzed	05/23/2006 1032			
Carbon dioxide	320		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: 680-16478-1

Lab Section	Qualifier	Description
GC/MS VOA		
	*	LCS or LCSD exceeds the control limits
	E	Result exceeded calibration range, secondary dilution required.
	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution will be flagged with a D.
Metals		
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
General Chemistry		
	N	MS, MSD: Spike recovery exceeds upper or lower control limits.
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.

QUALITY CONTROL RESULTS

Client: EcoSystems Inc

Job Number: 680-16478-1

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
GC/MS VOA				
Analysis Batch:680-45330				
LCS 680-45330/22	Lab Control Spike	Water	8260B	
MB 680-45330/24	Method Blank	Water	8260B	
680-16478-1	HER-CMO5-0506	Water	8260B	
680-16478-2	HER-CM04-0506	Water	8260B	
680-16478-3	HER-CM03-0506	Water	8260B	
680-16478-4	HER-CM02-0506	Water	8260B	
680-16478-4MS	Matrix Spike	Water	8260B	
680-16478-4MSD	Matrix Spike Duplicate	Water	8260B	
680-16478-5	HER-CM01 -0506	Water	8260B	
680-16478-6	HER-CM00-0506	Water	8260B	
680-16478-7	HER-MW15-0506	Water	8260B	
680-16478-7MS	Matrix Spike	Water	8260B	
680-16478-7MSD	Matrix Spike Duplicate	Water	8260B	
680-16478-8	HER-MW08-0506	Water	8260B	
680-16478-9	HER-RS2-0506	Water	8260B	
680-16478-10FD	HER-FD2-0506	Water	8260B	
680-16478-11TB	TRIP BLANK	Water	8260B	
Analysis Batch:680-45398				
LCS 680-45398/4	Lab Control Spike	Water	8260B	
MB 680-45398/6	Method Blank	Water	8260B	
680-16478-8DL	HER-MW08-0506	Water	8260B	
GC VOA				
Analysis Batch:680-44543				
LCS 680-44543/15	Lab Control Spike	Water	RSK-175	
680-16478-7	HER-MW15-0506	Water	RSK-175	
680-16478-8	HER-MW08-0506	Water	RSK-175	
Analysis Batch:680-45720				
LCS 680-45720/5	Lab Control Spike	Water	RSK-175	
680-16478-7MSMS	Matrix Spike	Water	RSK-175	
680-16478-7MSDMSD	Matrix Spike Duplicate	Water	RSK-175	

Client: EcoSystems Inc

Job Number: 680-16478-1

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
Metals				
Prep Batch: 680-44388				
LCS 680-44388/22-A	Lab Control Spike	Water	3005A	
MB 680-44388/21-A	Method Blank	Water	3005A	
680-16478-7	HER-MW15-0506	Water	3005A	
680-16478-7MS	Matrix Spike	Water	3005A	
680-16478-7MSD	Matrix Spike Duplicate	Water	3005A	
680-16478-8	HER-MW08-0506	Water	3005A	
Prep Batch: 680-47706				
LCS 680-47706/4-A	Lab Control Spike	Water	3005A	
MB 680-47706/3-A	Method Blank	Water	3005A	
680-16478-7	HER-MW15-0506	Water	3005A	
680-16478-7MS	Matrix Spike	Water	3005A	
680-16478-7MSD	Matrix Spike Duplicate	Water	3005A	
680-16478-8	HER-MW08-0506	Water	3005A	
Prep Batch: 680-47805				
LCS 680-47805/12-A	Lab Control Spike	Water	3005A	
MB 680-47799/13-B	Method Blank	Water	3005A	
680-16478-7	HER-MW15-0506	Water	3005A	
680-16478-7MS	Matrix Spike	Water	3005A	
680-16478-7MSD	Matrix Spike Duplicate	Water	3005A	
680-16478-8	HER-MW08-0506	Water	3005A	
Analysis Batch:680-44704				
LCS 680-44388/22-A	Lab Control Spike	Water	6010B	680-44388
MB 680-44388/21-A	Method Blank	Water	6010B	680-44388
680-16478-7	HER-MW15-0506	Water	6010B	680-44388
680-16478-7MS	Matrix Spike	Water	6010B	680-44388
680-16478-7MSD	Matrix Spike Duplicate	Water	6010B	680-44388
680-16478-8	HER-MW08-0506	Water	6010B	680-44388
Analysis Batch:680-47630				
LCS 680-47706/4-A	Lab Control Spike	Water	6010B	680-47706
MB 680-47706/3-A	Method Blank	Water	6010B	680-47706
680-16478-7	HER-MW15-0506	Water	6010B	680-47706
680-16478-7MS	Matrix Spike	Water	6010B	680-47706
680-16478-7MSD	Matrix Spike Duplicate	Water	6010B	680-47706
680-16478-8	HER-MW08-0506	Water	6010B	680-47706
Analysis Batch:680-47966				
LCS 680-47805/12-A	Lab Control Spike	Water	6010B	680-47805
MB 680-47799/13-B	Method Blank	Water	6010B	680-47805
680-16478-7	HER-MW15-0506	Water	6010B	680-47805
680-16478-7MS	Matrix Spike	Water	6010B	680-47805
680-16478-7MSD	Matrix Spike Duplicate	Water	6010B	680-47805
680-16478-8	HER-MW08-0506	Water	6010B	680-47805

Client: EcoSystems Inc

Job Number: 680-16478-1

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
General Chemistry				
Analysis Batch:680-44363				
LCS 680-44363/8	Lab Control Spike	Water	376.2	
MB 680-44363/7	Method Blank	Water	376.2	
680-16478-7	HER-MW15-0506	Water	376.2	
680-16478-7MS	Matrix Spike	Water	376.2	
680-16478-7MSD	Matrix Spike Duplicate	Water	376.2	
680-16478-8	HER-MW08-0506	Water	376.2	
Prep Batch: 680-44438				
LCS 680-44438/25-A	Lab Control Spike	Water	Distill/Phenol	
MB 680-44438/24-A	Method Blank	Water	Distill/Phenol	
680-16478-7	HER-MW15-0506	Water	Distill/Phenol	
680-16478-7MS	Matrix Spike	Water	Distill/Phenol	
680-16478-7MSD	Matrix Spike Duplicate	Water	Distill/Phenol	
680-16478-8	HER-MW08-0506	Water	Distill/Phenol	
Analysis Batch:680-44710				
LCS 680-44710/2	Lab Control Spike	Water	415.1	
LCSD 680-44710/3	Lab Control Spike Duplicate	Water	415.1	
MB 680-44710/1	Method Blank	Water	415.1	
680-16478-7	HER-MW15-0506	Water	415.1	
680-16478-7MS	Matrix Spike	Water	415.1	
680-16478-7MSD	Matrix Spike Duplicate	Water	415.1	
680-16478-8	HER-MW08-0506	Water	415.1	
Analysis Batch:680-45126				
LCS 680-45126/2	Lab Control Spike	Water	353.2	
LCSD 680-45126/3	Lab Control Spike Duplicate	Water	353.2	
MB 680-45126/1	Method Blank	Water	353.2	
680-16478-7	HER-MW15-0506	Water	353.2	
680-16478-7MS	Matrix Spike	Water	353.2	
680-16478-7MSD	Matrix Spike Duplicate	Water	353.2	
680-16478-8	HER-MW08-0506	Water	353.2	
Analysis Batch:680-45153				
LCS 680-45153/2	Lab Control Spike	Water	375.4	
LCSD 680-45153/3	Lab Control Spike Duplicate	Water	375.4	
MB 680-45153/1	Method Blank	Water	375.4	
680-16478-7	HER-MW15-0506	Water	375.4	
680-16478-7MS	Matrix Spike	Water	375.4	
680-16478-7MSD	Matrix Spike Duplicate	Water	375.4	
680-16478-8	HER-MW08-0506	Water	375.4	
Analysis Batch:680-45217				
LCS 680-45217/21	Lab Control Spike	Water	310.1	
MB 680-45217/22	Method Blank	Water	310.1	
680-16478-7	HER-MW15-0506	Water	310.1	

Client: EcoSystems Inc

Job Number: 680-16478-1

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
General Chemistry				
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	
680-16478-7	HER-MW15-0506	Water	325.2	
680-16478-7MS	Matrix Spike	Water	325.2	
680-16478-7MSD	Matrix Spike Duplicate	Water	325.2	
680-16478-8	HER-MW08-0506	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	
680-16478-8	HER-MW08-0506	Water	310.1	
Analysis Batch:680-45401				
LCS 680-45401/2	Lab Control Spike	Water	3500 FE D	
LCSD 680-45401/3	Lab Control Spike Duplicate	Water	3500 FE D	
MB 680-45401/1	Method Blank	Water	3500 FE D	
680-16478-7	HER-MW15-0506	Water	3500 FE D	
680-16478-7MS	Matrix Spike	Water	3500 FE D	
680-16478-7MSD	Matrix Spike Duplicate	Water	3500 FE D	
680-16478-8	HER-MW08-0506	Water	3500 FE D	
Analysis Batch:680-45460				
LCS 680-45460/2	Lab Control Spike	Water	350.1	
LCSD 680-45460/3	Lab Control Spike Duplicate	Water	350.1	
MB 680-45460/1	Method Blank	Water	350.1	
680-16478-7	HER-MW15-0506	Water	350.1	
680-16478-7MS	Matrix Spike	Water	350.1	
680-16478-7MSD	Matrix Spike Duplicate	Water	350.1	
680-16478-8	HER-MW08-0506	Water	350.1	
Analysis Batch:680-45644				
LCS 680-45644/2	Lab Control Spike	Water	365.2	
LCSD 680-45644/3	Lab Control Spike Duplicate	Water	365.2	
MB 680-45644/1	Method Blank	Water	365.2	
680-16478-7	HER-MW15-0506	Water	365.2	
680-16478-7MS	Matrix Spike	Water	365.2	
680-16478-7MSD	Matrix Spike Duplicate	Water	365.2	
680-16478-8	HER-MW08-0506	Water	365.2	
Analysis Batch:680-44441				
LCS 680-44438/25-A	Lab Control Spike	Water	420.1	680-44438
MB 680-44438/24-A	Method Blank	Water	420.1	680-44438
680-16478-7	HER-MW15-0506	Water	420.1	680-44438
680-16478-7MS	Matrix Spike	Water	420.1	680-44438
680-16478-7MSD	Matrix Spike Duplicate	Water	420.1	680-44438
680-16478-8	HER-MW08-0506	Water	420.1	680-44438

Client: EcoSystems Inc

Job Number: 680-16478-1

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch

Client: EcoSystems Inc

Job Number: 680-16478-1

Surrogate Recovery Report

8260B Volatile Organic Compounds by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample	(BFB) (%Rec)	(DBFM) (%Rec)	(TOL) (%Rec)
LCS 680-45330/22		99	104	102
LCS 680-45398/4		96	90	96
MB 680-45330/24		92	95	98
MB 680-45398/6		92	89	105
680-16478-1	HER-CMO5-0506	87	93	102
680-16478-2	HER-CM04-0506	91	94	101
680-16478-3	HER-CM03-0506	91	90	102
680-16478-4	HER-CM02-0506	91	98	102
680-16478-4MS	HER-CM02-0506	103	94	100
680-16478-4MSD	HER-CM02-0506	102	97	99
680-16478-5	HER-CM01 -0506	89	94	104
680-16478-6	HER-CM00-0506	89	91	104
680-16478-7	HER-MW15-0506	93	96	102
680-16478-7MS	HER-MW15-0506	96	96	103
680-16478-7MSD	HER-MW15-0506	96	93	97
680-16478-8	HER-MW08-0506	91	95	101
680-16478-8DL	HER-MW08-0506	90	92	100
680-16478-9	HER-RS2-0506	88	89	97
680-16478-10FD	HER-FD2-0506	86	95	101
680-16478-11TB	TRIP BLANK	92	94	103

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

Client: EcoSystems Inc

Job Number: 680-16478-1

Method Blank - Batch: 680-45330

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-45330/24
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/23/2006 0235
Date Prepared: 05/23/2006 0235

Analysis Batch: 680-45330
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - P
Lab File ID: pq200.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.

Client: EcoSystems Inc

Job Number: 680-16478-1

Method Blank - Batch: 680-45330

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-45330/24
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/23/2006 0235
Date Prepared: 05/23/2006 0235

Analysis Batch: 680-45330
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - P
Lab File ID: pq200.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	92	77 - 120
Dibromofluoromethane	95	75 - 123
Toluene-d8	98	79 - 122

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

Client: EcoSystems Inc

Job Number: 680-16478-1

Laboratory Control Sample - Batch: 680-45330

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-45330/22
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/23/2006 0139
Date Prepared: 05/23/2006 0139

Analysis Batch: 680-45330
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - P
Lab File ID: pq196.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	102	102	20 - 183	
Benzene	50.0	46.1	92	74 - 122	
Dichlorobromomethane	50.0	50.7	101	74 - 128	
Bromoform	50.0	52.5	105	64 - 132	
Bromomethane	50.0	30.6	61	21 - 176	
Methyl Ethyl Ketone	100	107	107	51 - 142	
Carbon disulfide	50.0	49.9	100	60 - 130	
Carbon tetrachloride	50.0	56.2	112	64 - 137	
Chlorobenzene	50.0	48.8	98	75 - 123	
Chloroethane	50.0	47.2	94	40 - 171	
Chloroform	50.0	52.4	105	74 - 124	
Chloromethane	50.0	48.4	97	51 - 133	
Chlorodibromomethane	50.0	51.9	104	75 - 126	
1,2-Dibromo-3-Chloropropane	50.0	60.1	120	14 - 147	
Ethylene Dibromide	50.0	51.8	104	60 - 118	
Dibromomethane	50.0	45.8	92	70 - 130	
Dichlorodifluoromethane	50.0	52.5	105	70 - 130	
1,1-Dichloroethane	50.0	50.0	100	70 - 127	
1,2-Dichloroethane	50.0	47.6	95	68 - 130	
1,1-Dichloroethene	50.0	53.8	108	64 - 132	
cis-1,2-Dichloroethene	50.0	48.7	97	69 - 126	
trans-1,2-Dichloroethene	50.0	46.8	94	67 - 130	
1,2-Dichloropropane	50.0	48.3	97	74 - 123	
cis-1,3-Dichloropropene	50.0	52.5	105	76 - 126	
trans-1,3-Dichloropropene	50.0	52.7	105	75 - 126	
Ethylbenzene	50.0	51.9	104	77 - 123	
2-Hexanone	100	111	111	58 - 139	
Methylene Chloride	50.0	46.5	93	67 - 128	
methyl isobutyl ketone	100	109	109	62 - 130	
Styrene	50.0	48.8	98	75 - 125	
1,1,1,2-Tetrachloroethane	50.0	50.0	100	62 - 107	
1,1,2,2-Tetrachloroethane	50.0	48.6	97	71 - 127	
Tetrachloroethene	50.0	53.3	107	70 - 133	
Toluene	50.0	50.5	101	75 - 122	
1,1,1-Trichloroethane	50.0	52.5	105	70 - 132	
1,1,2-Trichloroethane	50.0	47.9	96	75 - 122	
Trichloroethene	50.0	50.3	101	75 - 122	
Trichlorofluoromethane	50.0	52.9	106	74 - 165	
1,2,3-Trichloropropane	50.0	47.2	94	60 - 147	
Vinyl acetate	100	106	106	47 - 150	
Vinyl chloride	50.0	47.6	95	59 - 136	

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

Client: EcoSystems Inc

Job Number: 680-16478-1

Laboratory Control Sample - Batch: 680-45330

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-45330/22
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/23/2006 0139
Date Prepared: 05/23/2006 0139

Analysis Batch: 680-45330
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - P
Lab File ID: pq196.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	99	77 - 120
Dibromofluoromethane	104	75 - 123
Toluene-d8	102	79 - 122

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

Client: EcoSystems Inc

Job Number: 680-16478-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-45330

Method: 8260B
Preparation: 5030B

MS Lab Sample ID: 680-16478-4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/23/2006 1001
Date Prepared: 05/23/2006 1001

Analysis Batch: 680-45330
Prep Batch: N/A

Instrument ID: GC/MS Volatiles - P
Lab File ID: p0160.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

MSD Lab Sample ID: 680-16478-4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/23/2006 1029
Date Prepared: 05/23/2006 1029

Analysis Batch: 680-45330
Prep Batch: N/A

Instrument ID: GC/MS Volatiles - P
Lab File ID: p0162.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acetone	63	90	20 - 183	35	50		
Benzene	95	95	74 - 122	0	30		
Dichlorobromomethane	110	106	74 - 128	4	30		
Bromoform	103	105	64 - 132	2	30		
Bromomethane	55	57	21 - 176	4	50		
Methyl Ethyl Ketone	84	91	51 - 142	8	30		
Carbon disulfide	106	112	60 - 130	6	30		
Carbon tetrachloride	130	127	64 - 137	3	30		
Chlorobenzene	100	99	75 - 123	1	30		
Chloroethane	91	85	40 - 171	7	50		
Chloroform	101	105	74 - 124	4	30		
Chloromethane	78	76	51 - 133	3	50		
Chlorodibromomethane	98	106	75 - 126	7	30		
1,2-Dibromo-3-Chloropropane	112	109	14 - 147	3	30		
Ethylene Dibromide	102	102	60 - 118	1	30		
Dibromomethane	95	95	70 - 130	0	30		
Dichlorodifluoromethane	65	68	70 - 130	5	30	*	*
1,1-Dichloroethane	96	99	70 - 127	3	30		
1,2-Dichloroethane	106	109	68 - 130	3	30		
1,1-Dichloroethene	92	118	64 - 132	25	30		
cis-1,2-Dichloroethene	87	89	69 - 126	2	30		
trans-1,2-Dichloroethene	87	86	67 - 130	1	30		
1,2-Dichloropropane	98	98	74 - 123	0	30		
cis-1,3-Dichloropropene	109	104	76 - 126	5	30		
trans-1,3-Dichloropropene	107	105	75 - 126	2	30		
Ethylbenzene	106	106	77 - 123	0	30		
2-Hexanone	97	98	58 - 139	1	30		
Methylene Chloride	82	84	67 - 128	2	30		
methyl isobutyl ketone	110	106	62 - 130	3	30		

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

Client: EcoSystems Inc

Job Number: 680-16478-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-45330

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	680-16478-4	Analysis Batch: 680-45330	Instrument ID: GC/MS Volatiles - P
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: p0160.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	05/23/2006 1001		Final Weight/Volume: 5 mL
Date Prepared:	05/23/2006 1001		

MSD Lab Sample ID:	680-16478-4	Analysis Batch: 680-45330	Instrument ID: GC/MS Volatiles - P
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: p0162.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	05/23/2006 1029		Final Weight/Volume: 5 mL
Date Prepared:	05/23/2006 1029		

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Styrene	96	97	75 - 125	1	30		
1,1,1,2-Tetrachloroethane	98	103	62 - 107	5	30		
1,1,2,2-Tetrachloroethane	98	100	71 - 127	2	30		
Tetrachloroethene	108	107	70 - 133	2	30		
Toluene	105	106	75 - 122	1	30		
1,1,1-Trichloroethane	119	117	70 - 132	1	30		
1,1,2-Trichloroethane	96	89	75 - 122	7	30		
Trichloroethene	103	100	75 - 122	3	30		
Trichlorofluoromethane	93	106	74 - 165	13	50		
1,2,3-Trichloropropane	94	98	60 - 147	4	30		
Vinyl acetate	50	49	47 - 150	1	30		
Vinyl chloride	71	70	59 - 136	2	50		
Xylenes, Total	102	101	77 - 121	1	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
4-Bromofluorobenzene	103	102	77 - 120
Dibromofluoromethane	94	97	75 - 123
Toluene-d8	100	99	79 - 122

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

Client: EcoSystems Inc

Job Number: 680-16478-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-45330

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	680-16478-7	Analysis Batch: 680-45330	Instrument ID: GC/MS Volatiles - P
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: p0164.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	05/23/2006 1058		Final Weight/Volume: 5 mL
Date Prepared:	05/23/2006 1058		

MSD Lab Sample ID:	680-16478-7	Analysis Batch: 680-45330	Instrument ID: GC/MS Volatiles - P
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: p0166.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	05/23/2006 1126		Final Weight/Volume: 5 mL
Date Prepared:	05/23/2006 1126		

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acetone	102	101	20 - 183	1	50		
Benzene	94	91	74 - 122	3	30		
Dichlorobromomethane	106	104	74 - 128	2	30		
Bromoform	95	95	64 - 132	1	30		
Bromomethane	57	61	21 - 176	8	50		
Methyl Ethyl Ketone	83	77	51 - 142	6	30		
Carbon disulfide	123	117	60 - 130	5	30		
Carbon tetrachloride	126	128	64 - 137	1	30		
Chlorobenzene	92	92	75 - 123	1	30		
Chloroethane	89	85	40 - 171	4	50		
Chloroform	103	101	74 - 124	2	30		
Chloromethane	77	73	51 - 133	5	50		
Chlorodibromomethane	93	95	75 - 126	2	30		
1,2-Dibromo-3-Chloropropane	101	105	14 - 147	4	30		
Ethylene Dibromide	100	100	60 - 118	0	30		
Dibromomethane	91	87	70 - 130	4	30		
Dichlorodifluoromethane	63	62	70 - 130	2	30	*	*
1,1-Dichloroethane	97	95	70 - 127	1	30		
1,2-Dichloroethane	105	101	68 - 130	3	30		
1,1-Dichloroethene	118	114	64 - 132	4	30		
cis-1,2-Dichloroethene	94	85	69 - 126	11	30		
trans-1,2-Dichloroethene	92	85	67 - 130	8	30		
1,2-Dichloropropane	102	98	74 - 123	4	30		
cis-1,3-Dichloropropene	107	102	76 - 126	4	30		
trans-1,3-Dichloropropene	100	100	75 - 126	0	30		
Ethylbenzene	102	102	77 - 123	0	30		
2-Hexanone	92	89	58 - 139	3	30		
Methylene Chloride	90	82	67 - 128	10	30		
methyl isobutyl ketone	102	99	62 - 130	3	30		

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

Client: EcoSystems Inc

Job Number: 680-16478-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-45330

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	680-16478-7	Analysis Batch: 680-45330	Instrument ID: GC/MS Volatiles - P
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: p0164.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	05/23/2006 1058		Final Weight/Volume: 5 mL
Date Prepared:	05/23/2006 1058		

MSD Lab Sample ID:	680-16478-7	Analysis Batch: 680-45330	Instrument ID: GC/MS Volatiles - P
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: p0166.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	05/23/2006 1126		Final Weight/Volume: 5 mL
Date Prepared:	05/23/2006 1126		

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Styrene	89	85	75 - 125	5	30		
1,1,1,2-Tetrachloroethane	98	96	62 - 107	2	30		
1,1,2,2-Tetrachloroethane	92	92	71 - 127	0	30		
Tetrachloroethene	99	98	70 - 133	2	30		
Toluene	102	101	75 - 122	1	30		
1,1,1-Trichloroethane	119	114	70 - 132	5	30		
1,1,2-Trichloroethane	90	88	75 - 122	3	30		
Trichloroethene	102	99	75 - 122	2	30		
Trichlorofluoromethane	96	96	74 - 165	0	50		
1,2,3-Trichloropropane	88	86	60 - 147	2	30		
Vinyl acetate	50	48	47 - 150	5	30		
Vinyl chloride	70	62	59 - 136	12	50		
Xylenes, Total	100	98	77 - 121	2	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
4-Bromofluorobenzene	96	96	77 - 120
Dibromofluoromethane	96	93	75 - 123
Toluene-d8	103	97	79 - 122

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

Client: EcoSystems Inc

Job Number: 680-16478-1

Method Blank - Batch: 680-45398

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-45398/6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/23/2006 1452
Date Prepared: 05/23/2006 1452

Analysis Batch: 680-45398
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - P
Lab File ID: pq212.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.

Client: EcoSystems Inc

Job Number: 680-16478-1

Method Blank - Batch: 680-45398

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-45398/6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/23/2006 1452
Date Prepared: 05/23/2006 1452

Analysis Batch: 680-45398
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - P
Lab File ID: pq212.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	92	77 - 120
Dibromofluoromethane	89	75 - 123
Toluene-d8	105	79 - 122

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

Client: EcoSystems Inc

Job Number: 680-16478-1

Laboratory Control Sample - Batch: 680-45398

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-45398/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/23/2006 1355
Date Prepared: 05/23/2006 1355

Analysis Batch: 680-45398
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - P
Lab File ID: pq208.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	120	122	20 - 183	
Benzene	50.0	46	92	74 - 122	
Dichlorobromomethane	50.0	51	102	74 - 128	
Bromoform	50.0	53	107	64 - 132	
Bromomethane	50.0	31	61	21 - 176	
Methyl Ethyl Ketone	100	100	100	51 - 142	
Carbon disulfide	50.0	54	107	60 - 130	
Carbon tetrachloride	50.0	58	116	64 - 137	
Chlorobenzene	50.0	47	94	75 - 123	
Chloroethane	50.0	38	76	40 - 171	
Chloroform	50.0	48	95	74 - 124	
Chloromethane	50.0	30	61	51 - 133	
Chlorodibromomethane	50.0	48	96	75 - 126	
1,2-Dibromo-3-Chloropropane	50.0	57	113	14 - 147	
Ethylene Dibromide	50.0	50	100	60 - 118	
Dibromomethane	50.0	44	87	70 - 130	
Dichlorodifluoromethane	50.0	23	45	70 - 130	*
1,1-Dichloroethane	50.0	45	90	70 - 127	
1,2-Dichloroethane	50.0	50	101	68 - 130	
1,1-Dichloroethene	50.0	55	111	64 - 132	
cis-1,2-Dichloroethene	50.0	43	86	69 - 126	
trans-1,2-Dichloroethene	50.0	41	83	67 - 130	
1,2-Dichloropropane	50.0	49	98	74 - 123	
cis-1,3-Dichloropropene	50.0	56	112	76 - 126	
trans-1,3-Dichloropropene	50.0	55	109	75 - 126	
Ethylbenzene	50.0	51	101	77 - 123	
2-Hexanone	100	110	114	58 - 139	
Methylene Chloride	50.0	41	82	67 - 128	
methyl isobutyl ketone	100	110	112	62 - 130	
Styrene	50.0	48	95	75 - 125	
1,1,1,2-Tetrachloroethane	50.0	48	96	62 - 107	
1,1,2,2-Tetrachloroethane	50.0	48	96	71 - 127	
Tetrachloroethene	50.0	51	103	70 - 133	
Toluene	50.0	48	97	75 - 122	
1,1,1-Trichloroethane	50.0	54	109	70 - 132	
1,1,2-Trichloroethane	50.0	45	91	75 - 122	
Trichloroethene	50.0	48	95	75 - 122	
Trichlorofluoromethane	50.0	48	95	74 - 165	
1,2,3-Trichloropropane	50.0	48	95	60 - 147	
Vinyl acetate	100	76	76	47 - 150	
Vinyl chloride	50.0	28	57	59 - 136	*

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

Client: EcoSystems Inc

Job Number: 680-16478-1

Laboratory Control Sample - Batch: 680-45398

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-45398/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/23/2006 1355
Date Prepared: 05/23/2006 1355

Analysis Batch: 680-45398
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - P
Lab File ID: pq208.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Xylenes, Total	150	150	98	77 - 121	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	96	77 - 120
Dibromofluoromethane	90	75 - 123
Toluene-d8	96	79 - 122

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

Client: EcoSystems Inc

Job Number: 680-16478-1

Laboratory Control Sample - Batch: 680-44543

Method: RSK-175
Preparation: N/A

Lab Sample ID: LCS 680-44543/15
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/11/2006 1654
Date Prepared: N/A

Analysis Batch: 680-44543
Prep Batch: N/A
Units: ug/L

Instrument ID: GC Volatiles - U TCD
Lab File ID: UQ804.D
Initial Weight/Volume:
Final Weight/Volume: 1000 uL
Injection Volume:

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Methane	1900	1530	80	75 - 125	

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

Client: EcoSystems Inc

Job Number: 680-16478-1

Laboratory Control Sample - Batch: 680-45720

Method: RSK-175
Preparation: N/A

Lab Sample ID: LCS 680-45720/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/18/2006 1511
Date Prepared: N/A

Analysis Batch: 680-45720
Prep Batch: N/A
Units: ug/L

Instrument ID: GC Volatiles - U TCD
Lab File ID: UQ819.D
Initial Weight/Volume:
Final Weight/Volume: 1000 uL
Injection Volume:

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Methane	1900	2100	110	75 - 125	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-45720

Method: RSK-175
Preparation: N/A

MS Lab Sample ID: 680-16478-7MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/18/2006 1803
Date Prepared: N/A

Analysis Batch: 680-45720
Prep Batch: N/A

Instrument ID: GC Volatiles - U TCD
Lab File ID: U1839.D
Initial Weight/Volume:
Final Weight/Volume: 1000 uL
Injection Volume:

MSD Lab Sample ID: 680-16478-7MSD
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/18/2006 1820
Date Prepared: N/A

Analysis Batch: 680-45720
Prep Batch: N/A

Instrument ID: GC Volatiles - U TCD
Lab File ID: U1840.D
Initial Weight/Volume:
Final Weight/Volume: 1000 uL
Injection Volume:

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Methane	117	117	75 - 125	0	30		

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

Client: EcoSystems Inc

Job Number: 680-16478-1

Method Blank - Batch: 680-44388

Method: 6010B
Preparation: 3005A
Total Recoverable

Lab Sample ID: MB 680-44388/21-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/15/2006 1433
Date Prepared: 05/12/2006 0857

Analysis Batch: 680-44704
Prep Batch: 680-44388
Units: mg/L

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

Laboratory Control Sample - Batch: 680-44388

Method: 6010B
Preparation: 3005A
Total Recoverable

Lab Sample ID: LCS 680-44388/22-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/15/2006 1438
Date Prepared: 05/12/2006 0857

Analysis Batch: 680-44704
Prep Batch: 680-44388
Units: mg/L

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	0.974	97	75 - 125	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-44388

Method: 6010B
Preparation: 3005A
Total Recoverable

MS Lab Sample ID: 680-16478-7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/15/2006 1447
Date Prepared: 05/12/2006 0857

Analysis Batch: 680-44704
Prep Batch: 680-44388

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

MSD Lab Sample ID: 680-16478-7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/15/2006 1451
Date Prepared: 05/12/2006 0857

Analysis Batch: 680-44704
Prep Batch: 680-44388

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

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Iron	147	470	75 - 125	4	20	4	4

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

Client: EcoSystems Inc

Job Number: 680-16478-1

Method Blank - Batch: 680-47706

Method: 6010B
Preparation: 3005A
Total Recoverable

Lab Sample ID: MB 680-47706/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/15/2006 1433
Date Prepared: 05/12/2006 0857

Analysis Batch: 680-47630
Prep Batch: 680-47706
Units: mg/L

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

Analyte	Result	Qual	RL
Manganese	<0.010		0.010

Laboratory Control Sample - Batch: 680-47706

Method: 6010B
Preparation: 3005A
Total Recoverable

Lab Sample ID: LCS 680-47706/4-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/15/2006 1438
Date Prepared: 05/12/2006 0857

Analysis Batch: 680-47630
Prep Batch: 680-47706
Units: mg/L

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	0.500	0.516	103	75 - 125	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-47706

Method: 6010B
Preparation: 3005A
Total Recoverable

MS Lab Sample ID: 680-16478-7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/15/2006 1447
Date Prepared: 05/12/2006 0857

Analysis Batch: 680-47630
Prep Batch: 680-47706

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

MSD Lab Sample ID: 680-16478-7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/15/2006 1451
Date Prepared: 05/12/2006 0857

Analysis Batch: 680-47630
Prep Batch: 680-47706

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

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Manganese	103	118	75 - 125	4	20		

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

Client: EcoSystems Inc

Job Number: 680-16478-1

Method Blank - Batch: 680-47805

Method: 6010B
Preparation: 3005A
Dissolved

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

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

Method: 6010B
Preparation: 3005A
Dissolved

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

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	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-47805

Method: 6010B
Preparation: 3005A
Dissolved

MS Lab Sample ID: 680-16478-7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/19/2006 2338
Date Prepared: 06/19/2006 0943

Analysis Batch: 680-47966
Prep Batch: 680-47805

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

MSD Lab Sample ID: 680-16478-7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/19/2006 2343
Date Prepared: 06/19/2006 0943

Analysis Batch: 680-47966
Prep Batch: 680-47805

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

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Manganese, Dissolved	102	107	75 - 125	1	20		

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

Client: EcoSystems Inc

Job Number: 680-16478-1

Method Blank - Batch: 680-45217

Method: 310.1
Preparation: N/A

Lab Sample ID: MB 680-45217/22
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/19/2006 1355
Date Prepared: N/A

Analysis Batch: 680-45217
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: 680-45217

Method: 310.1
Preparation: N/A

Lab Sample ID: LCS 680-45217/21
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/19/2006 1355
Date Prepared: N/A

Analysis Batch: 680-45217
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	189	98	80 - 120	

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

Client: EcoSystems Inc

Job Number: 680-16478-1

Method Blank - Batch: 680-45365

Method: 310.1
Preparation: N/A

Lab Sample ID: MB 680-45365/20
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/23/2006 1032
Date Prepared: N/A

Analysis Batch: 680-45365
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: 680-45365

Method: 310.1
Preparation: N/A

Lab Sample ID: LCS 680-45365/19
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/23/2006 1032
Date Prepared: N/A

Analysis Batch: 680-45365
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	195	101	80 - 120	

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

Client: EcoSystems Inc

Job Number: 680-16478-1

Method Blank - Batch: 680-45346

Method: 325.2
Preparation: N/A

Lab Sample ID: MB 680-45346/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/22/2006 1350
Date Prepared: N/A

Analysis Batch: 680-45346
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: 680-45346

Method: 325.2
Preparation: N/A

LCS Lab Sample ID: LCS 680-45346/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/22/2006 1321
Date Prepared: N/A

Analysis Batch: 680-45346
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 680-45346/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/22/2006 1321
Date Prepared: N/A

Analysis Batch: 680-45346
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. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloride	100	100	85 - 115	0	30		

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

Client: EcoSystems Inc

Job Number: 680-16478-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-45346

Method: 325.2
Preparation: N/A

MS Lab Sample ID:	680-16478-7	Analysis Batch: 680-45346	Instrument ID: KoneLab1
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 10 mL
Date Analyzed:	05/22/2006 1353		Final Weight/Volume: 10 mL
Date Prepared:	N/A		

MSD Lab Sample ID:	680-16478-7	Analysis Batch: 680-45346	Instrument ID: KoneLab1
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 10 mL
Date Analyzed:	05/22/2006 1353		Final Weight/Volume: 10 mL
Date Prepared:	N/A		

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloride	100	101	85 - 115	1	30		

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

Client: EcoSystems Inc

Job Number: 680-16478-1

Method Blank - Batch: 680-45460

Method: 350.1
Preparation: N/A

Lab Sample ID: MB 680-45460/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/23/2006 1341
Date Prepared: N/A

Analysis Batch: 680-45460
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: 680-45460

Method: 350.1
Preparation: N/A

LCS Lab Sample ID: LCS 680-45460/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/23/2006 1341
Date Prepared: N/A

Analysis Batch: 680-45460
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 680-45460/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/23/2006 1341
Date Prepared: N/A

Analysis Batch: 680-45460
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

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Ammonia	98	98	90 - 110	1	30		

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

Client: EcoSystems Inc

Job Number: 680-16478-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-45460

Method: 350.1
Preparation: N/A

MS Lab Sample ID:	680-16478-7	Analysis Batch:	680-45460	Instrument ID:	KoneLab1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	5.0			Initial Weight/Volume:	10 mL
Date Analyzed:	05/23/2006 1447			Final Weight/Volume:	10 mL
Date Prepared:	N/A				

MSD Lab Sample ID:	680-16478-7	Analysis Batch:	680-45460	Instrument ID:	KoneLab1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	5.0			Initial Weight/Volume:	10 mL
Date Analyzed:	05/23/2006 1448			Final Weight/Volume:	10 mL
Date Prepared:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Ammonia	33	29	90 - 110	1	30	4	4

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

Client: EcoSystems Inc

Job Number: 680-16478-1

Method Blank - Batch: 680-45401

Method: 3500 FE D
Preparation: N/A

Lab Sample ID: MB 680-45401/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/11/2006 1105
Date Prepared: N/A

Analysis Batch: 680-45401
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/
Laboratory Control Duplicate Recovery Report - Batch: 680-45401

Method: 3500 FE D
Preparation: N/A

LCS Lab Sample ID: LCS 680-45401/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/11/2006 1105
Date Prepared: N/A

Analysis Batch: 680-45401
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

LCSD Lab Sample ID: LCSD 680-45401/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/11/2006 1105
Date Prepared: N/A

Analysis Batch: 680-45401
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

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Ferrous Iron	92	92	80 - 120	1	20		

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

Client: EcoSystems Inc

Job Number: 680-16478-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-45401

Method: 3500 FE D
Preparation: N/A

MS Lab Sample ID:	680-16478-7	Analysis Batch: 680-45401	Instrument ID: No Equipment Assigned
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	10		Initial Weight/Volume: 10 mL
Date Analyzed:	05/11/2006 1105		Final Weight/Volume: 10 mL
Date Prepared:	N/A		

MSD Lab Sample ID:	680-16478-7	Analysis Batch: 680-45401	Instrument ID: No Equipment Assigned
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	10		Initial Weight/Volume: 10 mL
Date Analyzed:	05/11/2006 1105		Final Weight/Volume: 10 mL
Date Prepared:	N/A		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Ferrous Iron	205	206	80 - 120	0	20	N	N

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

Client: EcoSystems Inc

Job Number: 680-16478-1

Method Blank - Batch: 680-45126

Method: 353.2
Preparation: N/A

Lab Sample ID: MB 680-45126/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/16/2006 1655
Date Prepared: N/A

Analysis Batch: 680-45126
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
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: 680-45126

Method: 353.2
Preparation: N/A

LCS Lab Sample ID: LCS 680-45126/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/16/2006 1655
Date Prepared: N/A

Analysis Batch: 680-45126
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

LCSD Lab Sample ID: LCSD 680-45126/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/16/2006 1655
Date Prepared: N/A

Analysis Batch: 680-45126
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	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Nitrogen, Nitrate	110	112	80 - 120	1	30		
Nitrogen, Nitrate Nitrite	110	112	80 - 120	1	30		

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

Client: EcoSystems Inc

Job Number: 680-16478-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-45126

Method: 353.2
Preparation: N/A

MS Lab Sample ID:	680-16478-7	Analysis Batch: 680-45126	Instrument ID: No Equipment Assigned
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 10 mL
Date Analyzed:	05/11/2006 1655		Final Weight/Volume: 10 mL
Date Prepared:	N/A		

MSD Lab Sample ID:	680-16478-7	Analysis Batch: 680-45126	Instrument ID: No Equipment Assigned
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 10 mL
Date Analyzed:	05/11/2006 1655		Final Weight/Volume: 10 mL
Date Prepared:	N/A		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Nitrogen, Nitrate	89	91	80 - 120	2	30		
Nitrogen, Nitrate Nitrite	89	91	80 - 120	2	30		

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

Client: EcoSystems Inc

Job Number: 680-16478-1

Method Blank - Batch: 680-45644

Method: 365.2
Preparation: N/A

Lab Sample ID: MB 680-45644/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/11/2006 1357
Date Prepared: N/A

Analysis Batch: 680-45644
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
Orthophosphate	<0.050		0.050

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 680-45644

Method: 365.2
Preparation: N/A

LCS Lab Sample ID: LCS 680-45644/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/11/2006 1357
Date Prepared: N/A

Analysis Batch: 680-45644
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 680-45644/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/11/2006 1357
Date Prepared: N/A

Analysis Batch: 680-45644
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

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Orthophosphate	91	92	90 - 110	1	30		

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

Client: EcoSystems Inc

Job Number: 680-16478-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-45644

Method: 365.2
Preparation: N/A

MS Lab Sample ID:	680-16478-7	Analysis Batch: 680-45644	Instrument ID: KoneLab1
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 10 mL
Date Analyzed:	05/11/2006 1357		Final Weight/Volume: 10 mL
Date Prepared:	N/A		

MSD Lab Sample ID:	680-16478-7	Analysis Batch: 680-45644	Instrument ID: KoneLab1
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 10 mL
Date Analyzed:	05/11/2006 1357		Final Weight/Volume: 10 mL
Date Prepared:	N/A		

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Orthophosphate	93	94	90 - 110	1	30		

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

Client: EcoSystems Inc

Job Number: 680-16478-1

Method Blank - Batch: 680-45153

Method: 375.4
Preparation: N/A

Lab Sample ID: MB 680-45153/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/19/2006 0922
Date Prepared: N/A

Analysis Batch: 680-45153
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: 680-45153

Method: 375.4
Preparation: N/A

LCS Lab Sample ID: LCS 680-45153/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/19/2006 0922
Date Prepared: N/A

Analysis Batch: 680-45153
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 680-45153/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/19/2006 0922
Date Prepared: N/A

Analysis Batch: 680-45153
Prep Batch: N/A
Units: mg/L

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

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Sulfate	94	93	75 - 125	1	30		

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

Client: EcoSystems Inc

Job Number: 680-16478-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-45153

Method: 375.4
Preparation: N/A

MS Lab Sample ID:	680-16478-7	Analysis Batch: 680-45153	Instrument ID: KoneLab1
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume:
Date Analyzed:	05/19/2006 0934		Final Weight/Volume: 25 mL
Date Prepared:	N/A		

MSD Lab Sample ID:	680-16478-7	Analysis Batch: 680-45153	Instrument ID: KoneLab1
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume:
Date Analyzed:	05/19/2006 0934		Final Weight/Volume: 25 mL
Date Prepared:	N/A		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Sulfate	100	97	75 - 125	3	30		

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

Client: EcoSystems Inc

Job Number: 680-16478-1

Method Blank - Batch: 680-44363

Method: 376.2
Preparation: N/A

Lab Sample ID: MB 680-44363/7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/11/2006 1145
Date Prepared: N/A

Analysis Batch: 680-44363
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: 680-44363

Method: 376.2
Preparation: N/A

Lab Sample ID: LCS 680-44363/8
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/11/2006 1145
Date Prepared: N/A

Analysis Batch: 680-44363
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	0.496	0.535	108	80 - 120	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-44363

Method: 376.2
Preparation: N/A

MS Lab Sample ID: 680-16478-7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/11/2006 1145
Date Prepared: N/A

Analysis Batch: 680-44363
Prep Batch: N/A

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

MSD Lab Sample ID: 680-16478-7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/11/2006 1145
Date Prepared: N/A

Analysis Batch: 680-44363
Prep Batch: N/A

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

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Sulfide	114	108	80 - 120	6	25		

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

Client: EcoSystems Inc

Job Number: 680-16478-1

Method Blank - Batch: 680-44710

Method: 415.1
Preparation: N/A

Lab Sample ID: MB 680-44710/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/15/2006 1105
Date Prepared: N/A

Analysis Batch: 680-44710
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
Total Organic Carbon	<1.0		1.0

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 680-44710

Method: 415.1
Preparation: N/A

LCS Lab Sample ID: LCS 680-44710/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/15/2006 1105
Date Prepared: N/A

Analysis Batch: 680-44710
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

LCSD Lab Sample ID: LCSD 680-44710/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/15/2006 1105
Date Prepared: N/A

Analysis Batch: 680-44710
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	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Total Organic Carbon	94	93	80 - 120	1	25		

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

Client: EcoSystems Inc

Job Number: 680-16478-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-44710

Method: 415.1
Preparation: N/A

MS Lab Sample ID:	680-16478-7	Analysis Batch: 680-44710	Instrument ID: No Equipment Assigned
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 10 mL
Date Analyzed:	05/15/2006 1105		Final Weight/Volume: 10 mL
Date Prepared:	N/A		

MSD Lab Sample ID:	680-16478-7	Analysis Batch: 680-44710	Instrument ID: No Equipment Assigned
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 10 mL
Date Analyzed:	05/15/2006 1105		Final Weight/Volume: 10 mL
Date Prepared:	N/A		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Total Organic Carbon	69	70	80 - 120	0	25	N	N

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

Client: EcoSystems Inc

Job Number: 680-16478-1

Method Blank - Batch: 680-44438

Method: 420.1
Preparation: Distill/Phenol

Lab Sample ID: MB 680-44438/24-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/12/2006 1120
Date Prepared: 05/12/2006 0730

Analysis Batch: 680-44441
Prep Batch: 680-44438
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 5.00 mL
Final Weight/Volume: 100 mL

Analyte	Result	Qual	RL
Phenolics, Total Recoverable	<1.0		1.0

Laboratory Control Sample - Batch: 680-44438

Method: 420.1
Preparation: Distill/Phenol

Lab Sample ID: LCS 680-44438/25-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/12/2006 1120
Date Prepared: 05/12/2006 0730

Analysis Batch: 680-44441
Prep Batch: 680-44438
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 5.00 mL
Final Weight/Volume: 100 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenolics, Total Recoverable	5.00	5.3	106	75 - 125	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-44438

Method: 420.1
Preparation: Distill/Phenol

MS Lab Sample ID: 680-16478-7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/12/2006 1120
Date Prepared: 05/12/2006 0730

Analysis Batch: 680-44441
Prep Batch: 680-44438

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

MSD Lab Sample ID: 680-16478-7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/12/2006 1120
Date Prepared: 05/12/2006 0730

Analysis Batch: 680-44441
Prep Batch: 680-44438

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

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Phenolics, Total Recoverable	110	120	75 - 125	8	30		

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

Serial Number 90777 Cooler 1 of 1

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN TRENT **STL**

STL Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Website: www.stl-inc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
HER25080		
STL (LAB) PROJECT MANAGER: Lidia Gmitzia	P.O. NUMBER: 4500911597	CONTRACT NO.
CLIENT (SITE) PM: Tim Hassett	CLIENT PHONE: 302-995-3456	CLIENT FAX
CLIENT NAME: Hercules, Inc.	CLIENT E-MAIL	
CLIENT ADDRESS: Hercules Research Center, 500 Hercules Rd. Wilmington, DE 19808		
COMPANY CONTRACTING THIS WORK (if applicable)		

PAGE 1 OF 1

STANDARD REPORT DELIVERY ☒
DATE DUE
EXPEDITED REPORT DELIVERY (SURCHARGE) ○
DATE DUE
NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	MATRIX: COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT,...)	REQUIRED ANALYSIS: NUMBER OF CONTAINERS SUBMITTED										REMARKS
								App IB VOCs 8260 HCl	353.2 Nitrate Nitrite mono/H2SO4	350.1 Ammonia H2SO4	310.1 Alkalinity & CO2 —	6010 B/3005A Iron HNO3	420.1 Distill Phenol H2SO4	415.1 TOC HCl	376.2 Sulfide zinc acetate	365.2/375.4/325.2 —	RSK 175 Methane none	3500 Ferrous Iron meta	
5-10-06	0840	HER-CM05-0506	G	✓				4										
5-10-06	0910	HER-CM04-0506	G	✓				4										
5-10-06	0925	HER-CM03-0506	G	✓				4										
5-10-06	0945	HER-CM02-0506 (MS/MSD)	G	✓				12										
5-10-06	1000	HER-CM01-0506	G	✓				4										
5-10-06	1015	HER-CM00-0506	G	✓				4										
5-10-06	1140	HER-MW15-0506 (MS/MSD)	G	✓				12	6	3	3	3	3	3	3	3	9/3	51 Total Containers
5-10-06	1315	HER-MW08-0506	G	✓				4	2	1	1	1	1	1	1	1	3/1	17 Total Containers
5-10-06	1120	HER-RS2-0506	G	✓				4										
5-10-06	—	HER-FD2-0506	G	✓				4										

TEMP.: 0.8

680-16478

Page 81 of 82

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
				5-10-06	1630			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
			FedEx Airbill 8545 0901 8575	5-10-06				

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	STL SAVANNAH LOG NO.	LABORATORY REMARKS
	5/11/06	922	YES ○ NO ○		680-16478	

STL8240-680 (12/02)

LOGIN SAMPLE RECEIPT CHECK LIST

Client: EcoSystems Inc

Job Number: 680-16478-1

Login Number: 16478

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	NA	
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.	NA	
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	

Return Address:

STL Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Ship To:

ECOSYSTEMS INC
c/o: MR. CHARLES CONEY
6360 I55 NORTH
SUITE 330
JACKSON, MS 39211

Job: 680-16453-1