ARCADIS

Appendix A

Groundwater Sampling Logs

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Former ABC	SITE LOCATION: Tallevast	
WELL NO: DW-1	SAMPLE ID: DW-1	DATE: 02-01-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 82 feet to 92 feet	STATIC DEPTH TO WATER (feet): 13.65	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (.0026 gallons/foot X 95 feet) + .25 gallons = 0.5 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 0938	PURGING ENDED AT: 0954 (MDS 4/11/08)	TOTAL VOLUME PURGED (gallons): 1.6 (MDS 4/11/08)

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
0948	1.0	1.0	0.1	20.21	7.95	28.04	.123	0.51	97.1	clear	none	-173
0951	0.3	1.3	0.1	20.51	8.01	28.03	.127	0.47	97.1	clear	none	-185
0954	0.3	1.6	0.1	20.75	8.02	27.97	.135	0.49	95.1	clear	none	-189

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Derrin Johnson	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 0955	SAMPLING ENDED AT: 1000
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): <100 (MDS 4/11/08)	TUBING MATERIAL CODE: T	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
DW-1 (MDS 4/11/08)	3	CG	40ml	HCl	—	—	8260	RFPP

REMARKS: transducers (2) removed @ 0935 / (2) reinserted @ 10:13

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Former ABC Facility	SITE LOCATION: Tallevast, FL	
WELL NO: EW-UAFG-1	SAMPLE ID: EW.UAFG.1	DATE: 12-01-08

PURGING DATA

WELL DIAMETER (inches): 6"	TUBING DIAMETER (inches): 1/4"	WELL SCREEN INTERVAL DEPTH: 98 feet to 108 feet	STATIC DEPTH TO WATER (feet): 15.61	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable) MDS 4/11/08

= 0 gallons + (0.0026 gallons/foot X 108 feet) + 0.25 gallons = 0.53 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 103'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 103'	PURGING INITIATED AT: 0930	PURGING ENDED AT: 0954 MDS 4/11/08	TOTAL VOLUME PURGED (gallons): 2.2 MDS 4/11/08

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
0942	1.0	1.0	0.1	15.90	7.02	26.86	1.17	1.75	2.97	Clear	none	-241
0945	0.3	1.3	↓	15.91	7.02	26.80	1.17	1.58	1.39			-243
0948	↓	1.6		15.92	7.02	26.86	1.17	1.37	1.27			-245
0951		1.9		15.92	7.02	26.79	1.17	1.35	1.19			-246
0954	↓	2.2	↓	15.92	7.02	26.80	1.17	1.34	1.43			-246
~~0957~~												
							mS/cm					

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Amy Coats / Arcadis	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 0955	SAMPLING ENDED AT: 1002
PUMP OR TUBING DEPTH IN WELL (feet): 103'	SAMPLE PUMP FLOW RATE (mL per minute): < 100 MDS 4/11/08	TUBING MATERIAL CODE: T	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
EW.UAFG.1	3	CG	40mL	HCl	—	—	8260	RFPP	MDS 4/11/08
		dedicated							

REMARKS:
Put tubing down well @ 9:03 – did not remove transducer

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

Flow rate varied in beginning.
1002 pump off + tubing pulled down well.
Total vol removed ~2.5 gallons

Revision Date: February 1, 2004

EW-101

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Former ABC		SITE LOCATION: Tallevast	
WELL NO: EW-101	SAMPLE ID: EW-101		DATE: 1-30-08

PURGING DATA

WELL DIAMETER (inches): 6	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 15 feet to 30 feet	STATIC DEPTH TO WATER (feet): 3.93	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

MDS 4/11/08

= C gallons + (.0026 gallons/foot X 35 feet) + .25 gallons = 0.34 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): none	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 15	PURGING INITIATED AT: 12:30	PURGING ENDED AT: 12:45	TOTAL VOLUME PURGED (gallons): 1.5

MDS 4/11/08

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
12:36	.6	.6	0.1	4.20	5.32	29.59	.1299	3.05	2.19	clear	none
12:39	.3	.9	0.1	4.23	5.31	29.67	.1297	1.94	1.86	clear	none
12:42	.3	1.2	0.1	4.20	5.31	29.70	.1299	1.90	1.90	clear	none
12:45	.3	1.5	0.1	4.24	5.31	29.72	.1300	1.84	1.92	clear	none

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Darrin Johnson	SAMPLER(S) SIGNATURES: Darrin Johnson	SAMPLING INITIATED AT: 12:46	SAMPLING ENDED AT: 12:51
PUMP OR TUBING DEPTH IN WELL (feet): 15	SAMPLE PUMP FLOW RATE (mL per minute): 0.1	TUBING MATERIAL CODE: T	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
EW-101	3	CG	40ml	HCl	—	—	8260	RFPP

MDS 4/11/08

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Tallevast	SITE LOCATION:	Sarasota, FL
WELL NO:	EW-102	SAMPLE ID:	EW-102
DATE:	1-31-08		

PURGING DATA

MDS 4/11/08

WELL DIAMETER (inches):	6	TUBING DIAMETER (inches):	1/4	WELL SCREEN INTERVAL DEPTH:	31 feet to 36 feet	STATIC DEPTH TO WATER (feet):		PURGE PUMP TYPE OR BAILER:	PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 39 feet) + 0.25 gallons = 0.35 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	33.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	33.5	PURGING INITIATED AT:	1629	PURGING ENDED AT:	1647 (MDS 4/11/08)	TOTAL VOLUME PURGED (gallons):	1.44 (MDS 4/11/08)

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1638	0.72	0.72	0.08	8.42	6.90	25.05	1000	0.75	4.85	clear	NO	-188
1641	0.24	0.96	0.08	8.42	6.91	25.02	1001	0.68	4.05	clear	NO	-187
1644	0.24	1.20	0.08	8.42	6.91	24.99	1003	0.67	2.34	clear	NO	-186
1647	0.24	1.44	0.08	8.42	6.86	24.99	1010	0.70	1.17	clear	NO	-214

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SW/TH / ARCADIS	SAMPLER(S) SIGNATURES:		SAMPLING INITIATED AT:	1648	SAMPLING ENDED AT:	1652
PUMP OR TUBING DEPTH IN WELL (feet):	33.5	SAMPLE PUMP FLOW RATE (mL per minute):	< 100 (MDS 4/11/08)	TUBING MATERIAL CODE:	PE		
FIELD DECONTAMINATION:	(Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:		DUPLICATE:	Y (N)		

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
EW-102	3	CG	40ml	HCl	40ml	—	8260B 8260SIM	RFPP
FB29	3	CG	40ml	HCl	40ml	—	8260B 8260SIM	RFPP 1655

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Former ABC	SITE LOCATION: Tallevast	
WELL NO: EW-103	SAMPLE ID: EW-103	DATE: 1-30-08

PURGING DATA

WELL DIAMETER (inches): 6"	TUBING DIAMETER (inches): 1/4"	WELL SCREEN INTERVAL DEPTH: 5 feet to 20 feet	STATIC DEPTH TO WATER (feet): 3.04	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 10 feet) + 0.25 gallons = 0.28 gallons (MDS 4/11/08)

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 5'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 5'	PURGING INITIATED AT: 13:23	PURGING ENDED AT: 14:44	TOTAL VOLUME PURGED (gallons): 2.1 (MDS 4/11/08)

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
14:32	[illegible]	.9	.9	0.1	3.92	6.03	23.7	.423	0.80	37.3	clear	none	104
14:35	[illegible]	0.8	1.2	0.1	3.92	6.03	23.61	.421	1.0	36.1	clear	none	101
14:38		0.3	1.5	0.1	3.93	6.04	23.59	.420	0.89	31.1	clear	none	95
	14:41	0.3	1.8	0.1	3.93	6.04	23.63	.419	.82	30.3	clear	none	97
	14:44	0.3	2.1	0.1	3.93	6.04	23.58	.420	.78	31.0	clear	none	95

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Darrin Johnson	SAMPLER(S) SIGNATURES: [signature]	SAMPLING INITIATED AT: 14:45	SAMPLING ENDED AT: 14:50
PUMP OR TUBING DEPTH IN WELL (feet): 5	SAMPLE PUMP FLOW RATE (mL per minute): <100 (MDS 4/11/08)	TUBING MATERIAL CODE: pe	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
EW-103 (MDS 4/11/08)	3	CG	40ml	HCl	—	—	8260	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Former ABC Facility	SITE LOCATION: Tallevast	
WELL NO: EW-104	SAMPLE ID: EW-104	DATE: 1-30-08

PURGING DATA

WELL DIAMETER (inches): 6 (MDS 4/11/08)	TUBING DIAMETER (inches): 1/4 (MDS 4/11/08)	WELL SCREEN INTERVAL DEPTH: 26 feet to 31 feet	STATIC DEPTH TO WATER (feet): 4.92	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (MDS 4/11/08)
(only fill out if applicable)
= 0 gallons + (.0026 / 26 Ac gallons/foot X 33 / 26 Ac feet) + 0.25 gallons = 0.34 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 31	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 27	PURGING INITIATED AT: 14:20	PURGING ENDED AT: 14:41 (MDS 4/11/08)	TOTAL VOLUME PURGED (gallons): 2.1 (MDS 4/11/08)

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
14:29 14:29	.9	.9	0.1	5.48	5.53	24.91	.565	2.80	44.5	red	none
14:32 14:32	0.3	1.2	0.1	5.54	5.54	24.9	.566	2.13	42.4	red/brn	none
14:35 14:35	0.3	1.5	0.1	5.58	5.56	24.87	.567	1.88	43.2	red	none
14:38	0.3	1.8	0.1	5.59	5.59	24.84	.568	1.79	40.3	red	none
14:41	0.3	2.1	0.1	5.59	5.6	24.84	.569	1.79	38.5	red	none

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Darrin Johnson/Arcadis	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 14:42	SAMPLING ENDED AT: 14:47
PUMP OR TUBING DEPTH IN WELL (feet): 28	SAMPLE PUMP FLOW RATE (mL per minute): <100 (MDS 4/11/08)	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: Y (N)	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
EW-104 (MDS 4/11/08)	3	CG	40ml	HCl	—	—	8260	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. *STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)*

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Former ABC Facility		SITE LOCATION: Tallevast, FL	
WELL NO: EW-105	SAMPLE ID: EW-105	DATE: 1.30.08	

.026 .25

PURGING DATA

MDS 4/11/08

WELL DIAMETER (inches): 6	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 5 feet to 25 feet	STATIC DEPTH TO WATER (feet): 4.05	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= D gallons + (0.0026 gallons/foot X 10 ' feet) + 0.25 gallons = 0.28 gallons

MDS 4/11/08

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 5'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 5'	PURGING INITIATED AT: 1146	PURGING ENDED AT: 12:07	TOTAL VOLUME PURGED (gallons): 2.3

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
11:55	1.1	1.1	0.1	4.12	6.42	28.73	.299	3.87	12.3	clear	none	116
11:58	0.3	1.4	0.1	4.14	6.42	28.71	.300	2.53	13.1	clear	none	109
12:01	0.3	1.7	0.1	4.14	6.41	28.66	.293	2.30	13.7	clear	none	108
12:04	0.3	2.0	0.1	4.16	6.39	28.74	.292	2.11	17.4	clear	none	105
12:07	0.3	2.3	0.1	4.16	6.39	28.71	.291	2.10	14.8	clear	none	103

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Amy Cook / Arcadis	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 12:08	SAMPLING ENDED AT: 12:13
PUMP OR TUBING DEPTH IN WELL (feet): 5	SAMPLE PUMP FLOW RATE (mL per minute): <100 MDL 4/11/08	TUBING MATERIAL CODE: teflon	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
EW-105	3	CG	40mL	HCl	—	—	8260	RFPP

MDS 4/11/08

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Former ABC Facility	SITE LOCATION: Tallvast	
WELL NO: EW-106	SAMPLE ID: EW-106	DATE: 1-30-08

PURGING DATA

WELL DIAMETER (inches): 6"	TUBING DIAMETER (inches): 1/4"	WELL SCREEN INTERVAL DEPTH: 26 feet to 31 feet	STATIC DEPTH TO WATER (feet): 5.60	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 32 feet) + 0.25 gallons = 0.33 gallons

MDS 4/11/08

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 28	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 28	PURGING INITIATED AT: 11:38	PURGING ENDED AT: 12:02	TOTAL VOLUME PURGED (gallons): 2.4

MDS 4/11/08

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
11:50	1.2	1.2	0.1	6.53	5.57	28.42	.463	.46	42.4	clear	none	-S
11:53	.3	1.5	0.1	6.60	5.58	28.33	.462	.45	20.6	clear	none	-S
11:56	.3	1.8	0.1	6.62	5.57	28.42	.461	.43	15.8	clear	none	-S
11:59	.3	2.1	0.1	6.68	5.57	28.38	.460	.41	12.8	clear	none	-S
12:02	.3	2.4	0.1	6.68	5.56	28.43	.460	.29	14.4	clear	none	-S

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Amy Coats / Arcadis	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 12:03	SAMPLING ENDED AT: 12:08
PUMP OR TUBING DEPTH IN WELL (feet): 28	SAMPLE PUMP FLOW RATE (mL per minute): < 100 MDS 4/11/08	TUBING MATERIAL CODE: Teflon	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
EW-106	3	CG	40ml	HCl	—	—	8260	RFPP

MDS 4/11/08

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** all readings ≤ 20 NTU; ~~optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast	SITE LOCATION: Sarasota, FL	
WELL NO: EW-107	SAMPLE ID: EW-107	DATE: 1-31-08

PURGING DATA

WELL DIAMETER (inches): 6	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 7 feet to 27 feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 30 feet) + 0.25 gallons 0.33 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 9.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 9.5	PURGING INITIATED AT: 1540	PURGING ENDED AT: 1555 MDK 4/11/08	TOTAL VOLUME PURGED (gallons): 1.65

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1546	0.666	0.666	0.11	3.41	6.62	28.39	285	1.19	2.71	clear	NO	-274
1549 1552	0.33	0.99	0.11	3.41	6.54	28.34	280	0.83	2.32	clear	NO	-273
1552 1555	0.33	1.32	0.11	3.41	6.47	28.32	279	0.68	2.37	clear	NO	-284
1555 1554	0.33	1.65	0.11	3.41	6.42	28.25	278	0.69	2.34	clear	NO	-285

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: SW, TH / ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1550	SAMPLING ENDED AT: 1600
PUMP OR TUBING DEPTH IN WELL (feet): 9.5	SAMPLE PUMP FLOW RATE (mL per minute): <100 MDK 4/11/08	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: (Y) N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
EW-107	3	CG	40ml	HCl	40mL	—	8260B, 8260SIM	RFPP
DUP29	3	CG	40ml	HCl	40ml	—	8260B, 8260SIM	RFPP

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU, optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast	SITE LOCATION: Sarasota, FL	
WELL NO: EW-108	SAMPLE ID: EW-108	DATE: 1-31-08

PURGING DATA

WELL DIAMETER (inches): 6	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH 35.5 feet to 40.5 feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 43.5 feet) + 0.25 gallons = 0.36 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 38	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 38	PURGING INITIATED AT: 1423	PURGING ENDED AT: 1443	TOTAL VOLUME PURGED (gallons): 1.40

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1434	0.77	0.77	0.07	8.51	7.95	29.59	970	0.65	4.07	clear	NO	-362
1437	0.21	0.98	0.07	8.52	7.99	29.61	977	0.53	3.73	clear	NO	-370
1440	0.21	1.19	0.07	8.51	8.04	29.62	1002	0.52	3.90	clear	NO	-371
1443	0.21	1.40	0.07	8.53	8.05	29.63	1026	0.50	3.32	clear	NO	-382

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: TH/SW/ ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1444	SAMPLING ENDED AT: 1447
PUMP OR TUBING DEPTH IN WELL (feet): 38	SAMPLE PUMP FLOW RATE (mL per minute) 100 MDS 4/11/08	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N) MDS 4/11/08	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
EW-108	3	CG	40ml	HCl	40ml	—	8260B+8260Sim	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU, optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Former ABC Facility		SITE LOCATION: Tallevast, FL	
WELL NO: EW-109	SAMPLE ID: EW. 109		DATE: 1.30.08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH: 5 feet to 20 feet	STATIC DEPTH TO WATER (feet): 3.27	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 15 feet) + 0.25 gallons = 0.29 gallons
MDS 4/11/08

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 5'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 5'	PURGING INITIATED AT: 15:15	PURGING ENDED AT: 15:32	TOTAL VOLUME PURGED (gallons): 1.7

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
15:23	.8	.8	0.1	3.50	6.34	24.67	1.51	2.88	5.01	clear	none	-2
15:26	.3	1.1	0.1	3.53	6.29	24.58	1.51	2.07	4.06	clear	none	
15:29	.3	1.4	0.1	3.53	6.34	24.47	1.51	1.96	2.96	clear	none	-20
15:32	.3	1.7	0.1	3.53	6.35	24.49	1.51	1.90	3.10	clear	none	

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Darrin Johnson/Arcadis	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 15:33	SAMPLING ENDED AT: 15:38
PUMP OR TUBING DEPTH IN WELL (feet): 5'	SAMPLE PUMP FLOW RATE (mL per minute): <100 MDS 4/11/08	TUBING MATERIAL CODE: Teflon	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
EW-109	3	CG	40mL	HCl	—	—	8260	RFPP MDS 4/11/08

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Former ABC Facility	SITE LOCATION: Talleyast, FL	
WELL NO: EW-110	SAMPLE ID: EW-110	DATE: 1.30.08

PURGING DATA

WELL DIAMETER (inches): 6"	TUBING DIAMETER (inches): 1/4"	WELL SCREEN INTERVAL DEPTH: 30 feet to 35 feet	STATIC DEPTH TO WATER (feet): 3.53	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (MDS 4/11/08)
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 40 feet) + 0.25 gallons = 0.35 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 28'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 28'	PURGING INITIATED AT: ~~15:15~~	PURGING ENDED AT: 15:30	TOTAL VOLUME PURGED (gallons): 1.5

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
15:24	~~0.3~~ .9	.9	0.1	4.16	5.01	24.77	1.35	.51	6.40	clear	none	67
15:27	~~0.3~~ 0.3	1.2	0.1	4.19	5.01	24.72	1.34	.46	6.16	clear	none	65
15:30	~~0.3~~ 0.3	1.5	0.1	4.22	5.0	24.74	1.32	.32	5.94	clear	none	66
~~15:39~~												

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Amy Cate / Arcadis	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 15:31	SAMPLING ENDED AT: 15:36

PUMP OR TUBING DEPTH IN WELL (feet): 28' (MDS 4/11/08)	SAMPLE PUMP FLOW RATE (mL per minute): <100 (MDS 4/11/08)	TUBING MATERIAL CODE: Teflon
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
EW-110	3	CG	40mL	HCl	—	—	8260	RFPP	(MDS 4/11/08)

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. *STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)*
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Former ABC Facility	SITE LOCATION:	Tallevast, FL
WELL NO:	IWI-1	SAMPLE ID:	IWI-1
DATE:	2-1-08		

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	100 feet to 110 feet (MDS 4/11/08)	15.8	PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME 0.54
(only fill out if applicable)
= 0 gallons + ~~0.0065~~ 0.0026 gallons/foot X 109.65 feet) + 0.25 gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
104	104	8:31	9:10	3.9

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
8:40	0.9	0.9	0.1	16.15	6.85	27.3	1.75	1.27	>999	gray	none	-156
8:45	0.5	1.4	0.1	16.15	6.90	27.3	1.70	1.01	300	"	"	-165
8:50	0.5	1.9	0.1	16.15	6.91	27.4	1.79	0.87	48	"	"	-175
8:55	0.5	2.4	0.1	16.20	6.90	27.5	1.83	0.76	46	"	"	-190
9:00	0.5	2.9	0.1	16.2	6.90	27.4	1.90	0.69	15	"	"	-206
9:05	0.5	3.4	0.1	16.2	6.90	27.4	2.02	0.65	16	"	"	-216
9:10	0.5	3.9	0.1	16.2	6.89	27.5	2.10	0.61	26	"	"	-220

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Micah Forbes / ARCADIS		9:11	9:15

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE:
104 (MDS 4/11/08)	<100 (MDS 4/11/08)	T (MDS 4/11/08)

FIELD DECONTAMINATION: (Y) N
FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm
Filtration Equipment Type:
DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
IWI-1	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 4/11/08)

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Former ABC Facility	SITE LOCATION:	Tallevast, FL	
WELL NO:	IWI-2	SAMPLE ID:	IWI-2	DATE: 2-1-08

PURGING DATA

WELL DIAMETER (inches):	2	TUBING DIAMETER (inches):	1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet):	19.1	PURGE PUMP TYPE OR BAILER:	PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME 0.69
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 169.12 feet) + 0.25 gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	165	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	165	PURGING INITIATED AT:	9:28	PURGING ENDED AT:	10:20	TOTAL VOLUME PURGED (gallons):	2.60

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
9:45	0.85	0.85	0.05	22.7	7.21	27.5	0.875	0.79	>999	gray	none	-243
9:50	0.25	1.10	0.05	23.8	7.21	27.5	0.940	0.72	190	"	"	-249
9:55	0.25	1.35	0.05	23.8	7.22	27.5	1.06	0.69	120	"	"	-250
10:00	0.25	1.60	0.05	23.8	7.21	27.4	1.06	0.64	754	"	"	-252
10:05	0.25	1.85	0.05	25.8	7.22	27.7	1.05	0.62	257	"	"	-252
10:10	0.25	2.10	0.05	25.8	7.21	27.61	1.04	0.59	36	"	"	-251
10:15	0.25	2.35	0.05	25.8	7.22	27.4	1.02	0.59	23	"	"	-251
10:20	0.25	2.60	0.05	25.8	7.21	27.31	1.02	0.57	21	"	"	-256

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	Micah Forbes / ARCADIS	SAMPLER(S) SIGNATURES:		SAMPLING INITIATED AT:	10:21	SAMPLING ENDED AT:	10:25
PUMP OR TUBING DEPTH IN WELL (feet):	165 MDS 4/11/08	SAMPLE PUMP FLOW RATE (mL per minute):	<100 MDS 4/11/08	TUBING MATERIAL CODE:	T MDS 4/11/08		
FIELD DECONTAMINATION:	(Y) N	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm	DUPLICATE:	Y (N)		

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
IWI-2	3	CG	40ml	HCl	—	—	8260	RFPP MDS 4/11/08

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Tellovent	SITE LOCATION:	Sarasota FL
WELL NO:	PZ-LSAS-1	SAMPLE ID:	PZ-LSAS-1
DATE:	1/31/08		

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	30.45 feet to 35.45 feet	5.62	Geopump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (0.0026 gallons/foot X 39 feet) 0.25 gallons = 0.35 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
~32	~32	1350	1402	1.80

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1353	0.45	0.45	0.15	6.65	6.22	29.79	1.71	0.74	14.6	clear	yes	-106
1356	0.45	0.90	0.15	6.68	6.24	29.74	1.74	0.63	6.41	clear	yes	-112
1359	0.45	1.35	0.15	6.68	6.25	29.75	1.74	0.62	3.9	clear	yes	-113
1402	0.45	1.80	0.15	6.70	6.27	29.71	1.75	0.61	2.31	clear	yes	-114

Neil Smith 1/31/08

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Neil Smith / ARCADIS	Neil Smith	1405	1410
PUMP OR TUBING DEPTH IN WELL (feet): ~32	SAMPLE PUMP FLOW RATE (mL per minute): 100	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
PZ-LSAS-1	3	CG	40mL	HCl	1 —	<2	8260B 8260 SIM	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Former ABC Facility	SITE LOCATION:	Tallevast, FL	
WELL NO:	PZ-LSAS-2	SAMPLE ID:	PZ-LSAS-2	DATE: 1.31.08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	30 feet to 35 feet	5.7	PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + 0.0026 gallons/foot X 35 feet) + 0.25 gallons = 0.34 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
33	33	11:37	12:10	1.65

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
11:45	0.4	0.4	0.05	6.9	6.64	29.56	1.20*	0.66	35	clear	none	-124
11:50	0.25	0.65	0.05	6.75	6.67	29.53	1.25*	0.47	14	"	"	-129
11:55	0.25	0.90	0.05	6.71	6.6	29.59	1.27*	0.43	11	"	"	-129
12:00	0.25	1.15	0.05	6.72	6.7	29.32	3.79*	0.41	1	"	"	-129
12:05	0.25	1.40	0.05	6.7	6.71	29.39	19.6*	0.39	2	"	"	-124
12:10	0.25	1.65	0.05	6.7	6.70	29.4	99.9	0.15	0	"	"	-122

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Micah Forbes (ARCADIS) MF 4/11/08		12:11	12:15

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE:
33	<100 MDS 4/11/08	PE MDS 4/11/08

FIELD DECONTAMINATION:	FIELD-FILTERED:	FILTER SIZE:	DUPLICATE:
Y N	Y N	µm	Y N

Filtration Equipment Type:

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
PZ-LSAS-2	3	CG	40ml	HCl	—	—	8260	RFPP MDS 4/11/08

REMARKS: *Conductivity readings very strange - may be malfunctioning

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Former ABC Facility	SITE LOCATION:	Tallevast, FL	
WELL NO:	PZ-LSAS-3	SAMPLE ID:	PZ-LSAS-3	DATE: 1-31-08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	30 feet to 35 feet	[redacted] 6.5	PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable) 0.34
= 0 gallons + (0.0026 gallons/foot X 35 feet) + 0.25 gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
32.5	32.5	12:36	13:15	2.00

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
12:45	0.5	0.5	0.05	6.8	6.40	29.61	1.28	0.67	10	clear	none	-137
12:50	0.25	0.75	0.05	6.8	6.34	29.8	1.37	0.46	9	"	"	-131
12:55	0.25	1.00	0.05	6.8	6.28	29.4	4.45*	0.42	1	"	"	-128
13:00	0.25	1.25	0.05	6.8	6.32	29.4	2.05	0.41	0	"	"	-128
13:05	0.25	1.50	0.05	6.8	6.36	29.5	1.35	0.39	0	"	"	-126
13:10	0.25	1.75	0.05	6.8	6.37	29.7	1.35	0.38	0	"	"	-127
13:15	0.25	2.00	0.05	6.8	6.37	29.7	1.35	0.38	0	"	"	-127

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Micah Forbes / ARCADIS		13:16	13:20

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE:	FIELD DECONTAMINATION:
32.5 MDS 4/11/08	2100 MDS 4/11/08	PE MDS 4/11/08	Y (N)

FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm
Filtration Equipment Type:
DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
PZ-LSAS-3	3	CG	40M	HCl	—	—	8260	RFPP

REMARKS: * conductivity meter may be malfunctioning

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tellevast	SITE LOCATION: Sarasota, FL	
WELL NO: PZ-LSAS-4	SAMPLE ID: PZ-LSAS-4	DATE: 1/21/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 30.5 feet to 35.5 feet	STATIC DEPTH TO WATER (feet): 6.19	PURGE PUMP TYPE OR BAILER: PP (MDS 4/11/08)

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (0.0026 gallons/foot X 38 feet) + 0.25 gallons = 0.35 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 1150	PURGING ENDED AT: 1211	TOTAL VOLUME PURGED (gallons): 2.52

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
3 1153	0.36	0.36	0.12	7.37	6.36	30.02	1.49	0.86	41.1	clear	yes	-126
1156	0.36	0.72	0.12	7.45	6.33	28.88	1.64	0.73	42.2	clear	yes	-134
1159	0.36	1.08	0.12	7.46	6.33	29.81	1.68	0.66	26.8	clear	yes	-41
1202	0.36	1.44	0.12	7.46	6.33	29.86	1.68	0.63	22.0	clear	yes	-130
1205	0.36	1.80	0.12	7.46	6.34	29.73	1.65	0.60	19.4	clear	yes	-142
1208	0.36	2.16	0.12	7.46	6.35	29.73	1.64	0.58	16.7	clear	yes	-143
1211	0.36	2.52	0.12	7.46	6.35	29.77	1.63	0.58	13.4	clear	yes	-144

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Neal Pruitt / ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1215	SAMPLING ENDED AT: 1220
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): ≤ 100	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: Y (N)	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
PZ-LSAS-4	3	CG	40mL	HCL	–	<2	8260B & 8260SIM	RFPP

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tellevast	SITE LOCATION: Sarasota, FL
WELL NO: PZ-LSAS-5	SAMPLE ID: PZ-LSAS-5	DATE: 1/31/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 27.87 feet to 32.87 feet	STATIC DEPTH TO WATER (feet): 6.27	PURGE PUMP TYPE OR BAILER: (PP) geopump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)

= (feet − feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)

= gallons + (0.0026 gallons/foot X 35 feet) + 0.25 gallons = 0.34 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~30	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~30	PURGING INITIATED AT: 1305	PURGING ENDED AT: 1320	TOTAL VOLUME PURGED (gallons): 1.80

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/l or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1308	0.36	0.36	0.12	7.26	6.51	30.02	1.42	1.31	16.7	clear	Yes	-116
1311	0.36	0.72	0.12	7.26	6.48	30.16	1.58	1.04	13.7	clear	Yes	-120
1314	0.36	1.08	0.12	7.26	6.28	30.14	1.77	1.00	11.6	clear	Yes	-113
1317	0.36	1.44	0.12	7.29	6.19	30.15	1.82	0.97	18.0	clear	Yes	-111
1320	0.36	1.80	0.12	7.29	6.19	30.19	1.80	0.91	16.4	clear	Yes	-111

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Neil Smith / ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1321	SAMPLING ENDED AT: 1325
PUMP OR TUBING DEPTH IN WELL (feet): ~30	SAMPLE PUMP FLOW RATE (mL per minute): <100	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: Y N	FIELD-FILTERED: Y N Filtration Equipment Type:	FILTER SIZE: ____ µm	DUPLICATE: Y N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
PZ-LSAS-5	3	CG	40ml	HCl	—	<2	8260B Bulk Soil	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Former ABC Facility		SITE LOCATION: Tallevast, FL	
WELL NO: PZ-LSAS-6	SAMPLE ID: PZ-LSAS-6		DATE: 1.31.08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 30 feet to 35 feet	STATIC DEPTH TO WATER (feet): 7.3	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME 0.34
(only fill out if applicable)
= 0 gallons + 0.0026 gallons/foot X 35 feet + 0.25 gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 33	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 33	PURGING INITIATED AT: 13:53	PURGING ENDED AT: 14:20	TOTAL VOLUME PURGED (gallons): 1.35

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
14:00	0.35	0.35	0.05	8.05	6.60	28.13	1.42	2.86	3	clear	none	-92
14:05	0.25	0.60	0.05	8.05	6.50	27.9	1.44	1.60	22	"	"	-95
14:10	0.25	0.85	0.05	8.30	6.51	28.04	1.42	1.78	30	"	"	-95
14:15	0.25	1.10	0.05	8.30	6.51	27.92	1.45	1.70	28	"	"	-95
14:20	0.25	1.35	0.05	8.30	6.51	29.90	1.47	1.69	25	"	"	-95

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Micah Forbes / ARCADIS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 14:21	SAMPLING ENDED AT: 14:25
PUMP OR TUBING DEPTH IN WELL (feet): 33 (MDS 4/11/08)	SAMPLE PUMP FLOW RATE (mL per minute): <100 (MDS 4/11/08)	TUBING MATERIAL CODE: PE (MDS 4/11/08)	
FIELD DECONTAMINATION: Y (N)	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
PZ-LSAS-6	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 4/11/08)

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Tallevast	SITE LOCATION:	Sarasota, FL
WELL NO:	PZ-4SAS-7	SAMPLE ID:	DATE: 1/31/05

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 30.75 feet to 35.75 feet	STATIC DEPTH TO WATER (feet): 6.59	PURGE PUMP TYPE OR BAILER: (PP) geopump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (0.40)
(only fill out if applicable)
= gallons + (0.0022 gallons/foot X 38 feet) + 0.05 gallons = 0.34 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~32.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~32.5	PURGING INITIATED AT: 1230	PURGING ENDED AT: 1242	TOTAL VOLUME PURGED (gallons): 1.56

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
1233	0.39	0.39	0.13	7.29	5.86	27.53	0.98	4.26	12.2	clear	yes	-62
1236	0.39	0.78	0.13	7.34	5.88	27.54	0.99	4.13	5.96	clear	yes	-63
1239	0.39	1.17	0.13	7.34	5.90	27.51	1.00	4.06	4.78	clear	yes	-65
1242	0.39	1.56	0.13	7.34	5.92	27.57	1.02	3.99	5.82	clear	yes	

odor

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1245	SAMPLING ENDED AT: 1250
Neil Smith / Arcadis			
PUMP OR TUBING DEPTH IN WELL (feet): ~32.5	SAMPLE PUMP FLOW RATE (mL per minute): ≤ 100	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: Y N	FIELD-FILTERED: Y N Filtration Equipment Type:	FILTER SIZE: ____ µm	DUPLICATE: Y N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
PZ-4SAS-7	3	CG	40mL	HCl	—	<2	8260 SM	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tellevast	SITE LOCATION: Sarasota, FL	
WELL NO: RW-1	SAMPLE ID: RW-1	DATE: 02/01/08

PURGING DATA

WELL DIAMETER (inches): 6	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 15 feet to 19.28 feet (MDS 2/1/08)	STATIC DEPTH TO WATER (feet): 5.49	PURGE PUMP TYPE OR BAILER: GPI gasoline

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (0.0026 gallons/foot X 21 feet) + 0.25 gallons = 0.30 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 14	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 14	PURGING INITIATED AT: 0850	PURGING ENDED AT: 0903	TOTAL VOLUME PURGED (gallons): 1.12

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
0854	0.24	0.32	0.08	5.51	6.10	27.85	0.482	1.59	13.2	clear	NO	76
0857	0.24	0.56	0.08	5.52	6.06	28.11	0.482	1.39	11.9	clear	NO	84
0900	0.24	0.88	0.08	5.52	6.06	27.95	0.482	1.33	11.0	clear	NO	89
0903	0.24	1.12	0.08	5.52	6.05	28.10	0.483	1.30	9.6	clear	NO	92

Method 2/1/08

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Neil Smith ARCADIS	SAMPLER(S) SIGNATURES: Neil Smith	SAMPLING INITIATED AT: 0905	SAMPLING ENDED AT: 0910
PUMP OR TUBING DEPTH IN WELL (feet): 14	SAMPLE PUMP FLOW RATE (mL per minute): ≤100	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: Y N	FIELD-FILTERED: Y N FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
RW-1	3	CG	40ml	HCl	—	<2	8260B BTEX/MTBE	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Former ABC Facility	SITE LOCATION:	Tallevasa FL
WELL NO:	RW-2	SAMPLE ID:	RW-2
		DATE:	1.24.08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
4	1/4	15 feet to 20 feet	5.03	PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 20 feet) + 0.25 gallons = 0.302 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 8:55	PURGING ENDED AT: 9:25	TOTAL VOLUME PURGED (gallons): 3.0

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
9:00	0.5	0.5	0.1	5.05	5.66	27.19	0.420	1.04	7.64	clear	none	131
9:05	1.0	1.0	0.1	5.05	5.68	27.58	0.415	0.80	3.62	"	"	119
9:10	1.5	1.5	0.1	5.05	5.70	28.10	0.413	0.63	2.37	"	"	106
9:15	2.0	2.0	0.1	5.05	5.69	27.87	0.415	0.58	0.64	"	"	86
9:20	2.5	2.5	0.1	5.05	5.69	27.83	0.414	0.55	1.95	"	"	76
9:25	3.0	3.0	0.1	5.05	5.69	27.92	0.411	0.54	1.31	"	"	70
						ms/cm						

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 9:26	SAMPLING ENDED AT: 9:30
Micah Forbes / Arcadis			
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): 400	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
RW-2	3	CG	40ml	HCl	—	—	8260	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Former ABC	SITE LOCATION: Tallevast	
WELL NO: MW-3	SAMPLE ID: MW-3	DATE: 1-25-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 23.5 feet to 28.5 feet	STATIC DEPTH TO WATER (feet): 4.4	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + .0026 gallons/foot X 31.5 feet) + .125 gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 28.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 26	PURGING INITIATED AT: 13:19	PURGING ENDED AT: 13:48	TOTAL VOLUME PURGED (gallons): 28

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
13:24	.5	.5	0.1	4.1	7.27	24.49	.057	5.07	77.4	clear	none	95
13:27	.3	.8	0.1	4.09	7.33	24.03	.052	4.88	90	brown	none	91
13:30	.3	1.1	0.1	4.10	7.42	23.99	.052	5.25	109.1	brown	none	56
13:33	.3	1.4	0.1	4.11	7.49	23.89	.051	4.70	128.0	brown	none	52
13:36	.3	1.7	0.1	4.10	7.53	23.46	.049	4.55	128.0	brown	none	81
13:39	.3	2.0	0.1	4.11	7.53	23.65	.049	4.22	150.0	brown	none	83
13:42	.3	2.3	0.1	4.10	7.38	23.25	.048	2.90	152.0	brown	none	100
13:45	.3	2.5	0.1	4.10	7.32	23.26	.048	2.89	152.0	brown	none	101
13:48	.3	2.8	0.1	4.10	7.35	23.25	.048	2.88	153.0	brown	none	102

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Darrin Johnson	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 13:49	SAMPLING ENDED AT: 13:54
PUMP OR TUBING DEPTH IN WELL (feet): 28.5 MDS 9/11/03	SAMPLE PUMP FLOW RATE (mL per minute): <100 MDS 9/11/03	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-3	3	CG	40ml	HCl	—	—	8260	RFPP

REMARKS: this well needs to be re developed

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Former ABC	SITE LOCATION: Tallevast, FL	
WELL NO: MW-4	SAMPLE ID: MW-4	DATE: 1.25.08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4"	WELL SCREEN INTERVAL DEPTH: 4 feet to 19 feet	STATIC DEPTH TO WATER (feet): AC 4.07 5.23	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 19 feet) + 0.25 gallons = 0.25 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12 (MDS 4/11/08)	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 12 (MDS 4/11/08)	PURGING INITIATED AT: 1310	PURGING ENDED AT: 1343	TOTAL VOLUME PURGED (gallons): 3.3

TIME	VOLUME PURGED (gallons)	CUMUL VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1328	1.8	1.8	0.1	5.23	5.91	25.55	0.107	4.06	115	red brown	none noted	146
1331	0.3	2.1		5.32	5.64	25.50	0.129	2.33	116			112
1334		2.4		5.43	5.68	25.67	0.133	2.38	119			95
1337		2.7		5.38	6.06	25.76	0.149	2.46	122			72
1340		3.0		5.33	6.09	25.73	0.151	2.32	119			62
1343 ~~1344~~ AC		3.3		5.33	6.08	25.72	0.154	2.32	116			60

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Amy Coats / Arcadis	SAMPLER(S) SIGNATURE(S): Amy Coats	SAMPLING INITIATED AT: 1344	SAMPLING ENDED AT: 1345
PUMP OR TUBING DEPTH IN WELL (feet): 12	SAMPLE PUMP FLOW RATE (mL per minute): <100 (MDS 4/11/08)	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-4	3	CG	40mL	HCl	—	—	8260	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Former ABC Facility	SITE LOCATION:	Tallevase, FL	
WELL NO:	MW-5	SAMPLE ID:	MW-5	DATE: 1.24.08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 4 feet to 10 feet (MDS 4/11/08)	STATIC DEPTH TO WATER (feet): 5.5	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + 0.0026 gallons/foot X 10 feet) + 0.25 gallons = 0.276 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 11:01	PURGING ENDED AT: 11:25	TOTAL VOLUME PURGED (gallons): 2.1

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
11:05	0.1	0.1	0.1	5.5	5.64	22.28	0.390	9.42	49	SH tub	none	-12
11:10	0.5	0.6	0.1	5.5	6.18	24.13	0.467	0.57	0	clear	none	-53
11:15	0.5	1.1	0.1	5.5	6.21	24.18	0.428	0.58	0	"	"	-57
11:20	0.5	1.6	0.1	5.5	6.22	24.11	0.417	0.61	0	"	"	-57
11:25	0.5	2.1	0.1	5.5	6.22	24.39	0.413	0.64	0	"	"	-57

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Micah Forbes / ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 11:26	SAMPLING ENDED AT: 11:30
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): <100 (MDS 4/11/08)	TUBING MATERIAL CODE: PE (MDS 4/11/08)	
FIELD DECONTAMINATION:	FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-5	3	CG	40ml	HCl	—	—	8260	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU, optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: TALLEVAST	SITE LOCATION: TALLEVAST	
WELL NO: mw-6	SAMPLE ID: mw6	DATE: 1-30-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/2	WELL SCREEN INTERVAL DEPTH: 4 feet to 10 feet	STATIC DEPTH TO WATER (feet): 5.47	PURGE PUMP TYPE OR BAILER: PP GeoPump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 25 feet) + .25 gallons = 0.32 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 7	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 7	PURGING INITIATED AT: 1101	PURGING ENDED AT: 1114	TOTAL VOLUME PURGED (gallons): 2.73

	TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
S	1106	1.05	1.05	0.21	5.60	6.53	23.9	.272	0.71	1.36	clear	NONE	44
	1108	.42	1.47	0.21	5.60	6.46	24.0	.277	0.67	1.53	clear	NONE	38
	1110	.42	1.89	0.21	5.60	6.40	24.0	.280	0.65	1.38	clear	NONE	33
	1112	.42	2.31	0.21	5.60	6.39	23.9	.281	0.66	1.88	clear	NONE	34
	1114	.42	2.73	0.21	5.60	6.38	24.0	.283	0.65	0.32	Clear	NONE	32

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: BRIDGET STAHL / ARCADIS	SAMPLER(S) SIGNATURES: Bridget Stahl	SAMPLING INITIATED AT: 1115	SAMPLING ENDED AT: 1118
PUMP OR TUBING DEPTH IN WELL (feet): 7	SAMPLE PUMP FLOW RATE (mL per minute): ~800	TUBING MATERIAL CODE: PE	MDS 2/11/08
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-6	3	CG	40ml	HCl	—	—	8260	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU, optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Former ABC		SITE LOCATION: Tallevast	
WELL NO: MW-7S	SAMPLE ID: MW-7S		DATE: 1-24-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 4 feet to 10 feet	STATIC DEPTH TO WATER (feet): 4.08	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (.0026 gallons/foot X 12 feet) + .25 gallons = .29 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 10	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 8	PURGING INITIATED AT: 10:31	PURGING ENDED AT: 10:48	TOTAL VOLUME PURGED (gallons): 1.7

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	orp
10:39	0.8	0.8	0.1	4.13	6.20	21.88	1.25	1.41	36.6	amber	none	0
10:42	0.3	1.1	0.1	4.15	6.23	21.87	1.29	1.39	30.6	clear	none	3
10:45	0.3	1.4	0.1	4.15	6.24	21.88	1.31	1.28	29.8	clear	none	3
10:48	0.3	1.7	0.1	4.15	6.25	21.8	1.31	1.15	19.8	clear	none	4

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Darrin Johnson	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 10:49	SAMPLING ENDED AT: 10:54
PUMP OR TUBING DEPTH IN WELL (feet): 8 MDS 4/11/08	SAMPLE PUMP FLOW RATE (mL per minute): <100 MDS 4/11/08	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-7S	3	CG	40ml	HCl	—	—	8260	RFPP MDS 4/11/08

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** all readings ≤ 20 NTU; ~~optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Former ABC	SITE LOCATION: Tallevast	
WELL NO: MW-7D	SAMPLE ID: MW-7D	DATE: 1-24-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 15 feet to 20 feet	STATIC DEPTH TO WATER (feet): 3.85	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (.0026 gallons/foot X 22 feet) + .25 gallons = 0.3 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 20	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 17.5	PURGING INITIATED AT: 11:01	PURGING ENDED AT: 11:11	TOTAL VOLUME PURGED (gallons): 1.0 (MDS 4/11/08)

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
11:05	0.4	0.4	0.1	4.08	4.87	23.06	1.47	1.03	5.01	clear	none	297
11:08	0.3	0.7	0.1	4.09	4.88	23.32	1.47	0.91	3.14	↓	↓	302
11:11	0.3	1.0	0.1	4.08	4.90	23.61	1.46	0.88	3.02	↓	↓	289

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Darrin Johnson	SAMPLER(S) SIGNATURES: Darrin Johnson	SAMPLING INITIATED AT: 11:12	SAMPLING ENDED AT: 11:17
PUMP OR TUBING DEPTH IN WELL (feet): 17.5 MDS 4/11/08	SAMPLE PUMP FLOW RATE (mL per minute): <100 (MDS 4/11/08)	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-7D	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 4/11/08)

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Former ABC	SITE LOCATION:	Tallevast	
WELL NO:	MW-8S	SAMPLE ID:	MW-8S	DATE: 1-25-08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	4 feet to 10 feet	3.77	PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (.0026 gallons/foot X 12 feet) + .25 gallons = 0.28 gallons
MDS 4/11/08

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
10	8	12:58	13:11	1.3

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
13:05	.7	.7	0.1	3.88	6.20	23.05	1.84	1.69	0.99	clear	none	115
13:08	.3	1.0	0.1	3.88	6.15	23.08	1.85	1.55	0.85	clear	none	113
13:11	.3	1.3	0.1	3.88	6.14	23.02	1.85	[illegible]150	0.88	clear	none	115

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Darrin Johnson	Darrin Johnson	13:12	13:17

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE:
8 MDS 4/11/08	<100 MDS 4/11/08	PE

FIELD DECONTAMINATION: (Y) N
FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm
Filtration Equipment Type:
DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-8S	3	CG	40ml	HCl	—	—	8260	RFPP MDS 4/11/08

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. **STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)**
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** all readings ≤ 20 NTU; optionally ~~± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Former ABC Facility	SITE LOCATION: Tallevast, FL	
WELL NO: MW-8D	SAMPLE ID: MW-8D	DATE: 2-1-08

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/4"	WELL SCREEN INTERVAL DEPTH: 15 feet to 20 feet	STATIC DEPTH TO WATER (feet): 4.45	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)

= 0 gallons + (0.0026 gallons/foot X 20 feet) + 0.25 gallons = 0.25 gallons

MDS 4/11/08

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 0837	PURGING ENDED AT: 0903	TOTAL VOLUME PURGED (gallons): 2.9

MDS 4/11/08 MDS 4/11/08 MDS 4/11/08

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
0854	2.0	2.0	0.1	4.78	4.87	24.34	1.74	1.52	0.69	clear w/	none	-52
0857	0.3	2.3	0.1	4.82	4.87	24.25	~~2.00~~ 1.74 MC	1.12	1.18	sm.		-67
~~0900~~	~~0.3~~	~~2.6~~	0.1				1.27	D		flecks		
0900	.0.3	2.6	0.1	4.83	4.81	24.25	1.28	1.05	2.01	↓	↓	-67
0903	0.3	2.9	0.1	4.84	4.81	24.26	1.28	1.04	0.72	↓	↓	-67

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 0905	SAMPLING ENDED AT: 0909 0906
Amy Cooke / Arcadis			
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): 400 MDS 4/11/08	TUBING MATERIAL CODE: T	MDS 4/11/08
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-8D	3	CG	40mL	HCl	—	—	8260	RFPP

REMARKS: 0835 pull transducer Replace transducer 0908
Accidentally turn on pump for minute before measure Static dtw

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ ~~Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

Flow rate initially faster to purge. total vol. removed ≈ 3-3.5 gall

Replace tubing back down well 0907

Revision Date: February 1, 2004

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Tallevast	SITE LOCATION:	Tallevast, FL	
WELL NO:	MW-9S	SAMPLE ID:	MW-9S	DATE: 1/24/08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	4 feet to 10 feet	4.27	Geopump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (10 feet – 4.27 feet) X 0.16 gallons/foot = 0.92 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 33 feet) + 0.25 gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
7	7	1348	1402	1.82

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1356	1.04	1.04	0.13	4.36	6.27	25.1	.256	0.52	3.58	clear	NONE	-37
1358	0.26	1.30	0.13	4.36	6.25	25.2	.254	0.50	2.26	clear	NONE	-39
1400	0.26	1.56	0.13	4.36	6.27	25.2	.261	0.51	1.43	CLEAR	NONE	-44
1402	0.26	1.82	0.13	4.36	6.27	25.3	.262	0.51	0.74	CLEAR	NONE	-48

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
BRIDGETS TAHA / ARCADIS		1403	1408
PUMP OR TUBING DEPTH IN WELL (feet): 7	SAMPLE PUMP FLOW RATE (mL per minute): ~430	TUBING MATERIAL CODE: PE	MDS 4/11/08
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-9S	3	CG	40ml	HCl	—	—	8260	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

1.0

GROUNDWATER SAMPLING LOG

SITE NAME: JAllevast	SITE LOCATION:	
WELL NO: mw-9D	SAMPLE ID: mw-9D	DATE: 1-24-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 15 feet to 20 feet	STATIC DEPTH TO WATER (feet): 4.00	PURGE PUMP TYPE OR BAILER: PP Geo Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 33 feet) + .25 gallons = 0.33 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 17.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 17.5	PURGING INITIATED AT: 1335	PURGING ENDED AT: 1354	TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1345	1.10	1.10	0.11	4.45	4.9	26.1	0.184 mS/cm	6.4	1.72	clear	none	207
1347	0.22	1.32	0.11	4.45	4.9	26.1	0.183	7.0	2.32	clear	none	183
1349	0.22	1.54	0.11	4.45	4.9	26.1	0.201	6.4	1.60	clear	none	175
1351	0.22	1.76	0.11	4.45	4.8	26.1	0.200	7.0	2.18	clear	none	159

10

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jennifer King / ARCADIS	SAMPLER(S) SIGNATURES: Jennifer King	SAMPLING INITIATED AT: 1356	SAMPLING ENDED AT: 1400
PUMP OR TUBING DEPTH IN WELL (feet): 17.5	SAMPLE PUMP FLOW RATE (mL per minute): ~ 416	TUBING MATERIAL CODE: ~~AG~~ MDS 4/11/08 T	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
mw-9D	3	CG	40mL	HCL	40mL	—	8260	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

1.02

SITE NAME: Tallevast	SITE LOCATION: Tallevast, FL	
WELL NO: MW-10	SAMPLE ID: MW-10	DATE: 1/31/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 15 feet to 20 feet	STATIC DEPTH TO WATER (feet): 5.40	PURGE PUMP TYPE OR BAILER: Geopump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + 0.0026 gallons/foot X 35 feet) + 0.25 gallons = .34 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 17.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 17.5	PURGING INITIATED AT: 1006	PURGING ENDED AT: 1019	TOTAL VOLUME PURGED (gallons): 1.95

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/l or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1013	1.05	1.05	0.15	5.70	5.63	28.6	0.418	0.84	51.4	cloudy	none	131
1015	0.3	1.35	0.15	5.70	5.50	28.6	.417	.79	34.9	cloudy	none	132
1017	0.3	1.65	0.15	↓	5.59	28.7	.424	.74	15.1	Cloudy	none	135
1019	0.3	1.95	0.15	↓	5.59	28.6	.411	.72	9.99	clear	none	136
										etc		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jennifer King/ARCADIS	SAMPLER(S) SIGNATURES: Jennifer King	SAMPLING INITIATED AT: 1020	SAMPLING ENDED AT: 1030
PUMP OR TUBING DEPTH IN WELL (feet): 17.5	SAMPLE PUMP FLOW RATE (mL per minute): ~560	TUBING MATERIAL CODE: T	MDS 4/11/08
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-10	3	CG	40ml	HCl	—	—	8260	RFPP

REMARKS: Sampled with transducer

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Former ABC Facility	SITE LOCATION: Tallevast, FL	
WELL NO: MW-11	SAMPLE ID: MW-11	DATE: 1/21/08

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/4"	WELL SCREEN INTERVAL DEPTH: 15 feet to 20 feet	STATIC DEPTH TO WATER (feet): 5.29	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 20 feet) + 0.25 gallons = .302 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 1030	PURGING ENDED AT: 1059	TOTAL VOLUME PURGED (gallons): 2.9

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1044	1.4	1.4	0.1	5.40	4.34	25.04	1.61	1.77	2.32	none	none noted	231
1047	0.3	1.7	↓	5.39	4.34	25.00	1.64	1.44	1.07	↓	↓	215
1050	↓	2.0		5.38	4.34	25.08	1.67	0.95	0.94			213
1053		2.3		5.38	4.34	25.00	1.69	0.82	1.26			208
1056		2.6		5.38	4.34	24.90	1.69	0.81	1.18			207
1059	↓	2.9	↓	5.38	4.35	24.99	1.67	0.79	1.09	↓	↓	202
							mS/cm					

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Amy Coats Arcadis	SAMPLER(S) SIGNATURES: Amy Coats	SAMPLING INITIATED AT: 1100	SAMPLING ENDED AT: 1105
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): 100 MDS 4/11/08	TUBING MATERIAL CODE: T MDS 4/11/08	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-11	3	CG	40 mL	HCl	—	—	8260	LFPP MDS 4/11/08

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

MDS 4/11/08

SITE NAME:	Former ABC Facility	SITE LOCATION:	Tallevast, FL	
WELL NO:	MW-12	SAMPLE ID:	MW-12	DATE: 1-24-08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	15 feet to 20 feet (MDS 4/11/08)	4.92	PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 20 feet) + 0.25 gallons = .302 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 10:07	PURGING ENDED AT: 1030	TOTAL VOLUME PURGED (gallons): 3

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1005	0.5	0.5	0.1	5.05	4.88	28.90	0.349	1.17	56	turbid	none	42
1010	1.0	1.0	0.1	5.05	4.80	28.97	0.347	0.79	17	"	"	42
1015	1.5	1.5	0.1	5.05	4.74	28.96	0.351	0.58	7	"	"	35
1020	2.0	2.0	0.1	5.05	4.72	29.02	0.362	0.53	5	"	"	30
1025	2.5	2.5	0.1	5.05	4.67	29.27	0.384	0.49	4	"	"	23
1030	3.0	3.0	0.1	5.05	4.66	29.06	0.390	0.48	3	"	"	22

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1031	SAMPLING ENDED AT: 1035
Micah Forbes / ARCADIS			

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): ≤100 (MDS 4/11/08)	TUBING MATERIAL CODE:

FIELD DECONTAMINATION: (Y) N
FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm
Filtration Equipment Type:
DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-12	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 4/11/08)

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU, optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Former ABC Facility		SITE LOCATION: Tallahassee, FL	
WELL NO: MW-13S	SAMPLE ID: MW-13S		DATE: 1-29-08

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/4"	WELL SCREEN INTERVAL DEPTH: 4 feet to 10 feet	STATIC DEPTH TO WATER (feet): 4.70	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 10 feet) + 0.25 gallons = .28 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 1224	PURGING ENDED AT: 1300 (MB 4/11/08)	TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1230	0.6	0.6		4.88	6.69	24.73	0.317	1.62	4.47	none	no odor	-85
1233		0.9		4.88	6.62	24.73	0.315	1.89	2.58			-112
1236		1.2		4.88	6.59	24.78	0.314	1.66	2.15			-122
1239				4.88	6.57	24.80	0.314	1.52	2.01			-126
1242				4.88	6.55	24.73	0.315	1.42	2.17			-13
1245				4.88	6.54	24.81	0.314	1.39	1.73			-134
1248				4.88	6.53	24.74	0.356	1.33	1.45			-130
1251				4.88	6.53	24.79	0.334	1.30	1.37			-140
1254				4.88	6.53	24.80	0.316	1.26	1.26			-145
1257					6.54	24.76	0.316	1.24	1.47			-144

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Amy Coats / Arcadis	SAMPLER(S) SIGNATURES: Amy Coats	SAMPLING INITIATED AT: 1302	SAMPLING ENDED AT: 1305
PUMP OR TUBING DEPTH IN WELL (feet): 7	SAMPLE PUMP FLOW RATE (mL per minute): < 100 (MB 4/11/08)	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) Filtration Equipment Type: ____ FILTER SIZE: ____ µm	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-13S	3	CG	40mL	HCl	—	—	8260	RFPP

REMARKS:
1220 pull transducer time 1300 → 6.54 pH | 24.77 temp | 0.318 cond | 1.25 DO | 1.56 turb -145

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** all readings ≤ 20 NTU; ~~optionally ± 5 NTU or ± 10% (whichever is greater)~~

1314 Replace transducer

Revision Date: February 1, 2004

MW-13D

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

MDS 4/11/08

SITE NAME: Former ABC Facility	SITE LOCATION: Tallevast
WELL NO: ~~MW-14D~~	SAMPLE ID: ~~MW-14D~~ MW-13D DATE: 1-29-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 15 feet to 20 feet	STATIC DEPTH TO WATER (feet): 4.91	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (.0026 gallons/foot X 22 feet) + .25 gallons = 0.3 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 20	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 17.5	PURGING INITIATED AT: 12:25	PURGING ENDED AT: 12:38	TOTAL VOLUME PURGED (gallons): 1.3

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
12:29	0.4	0.4	0.1	5.3	4.82	26.09	.069	2.57	2.40	clear	none
12:32	0.3	0.7	0.1	5.18	4.76	26.26	.070	1.76	1.81	clear	none
12:35	0.3	1.0	0.1	5.18	4.71	26.33	.071	1.63	1.78	clear	none
12:38	0.3	1.3	0.1	5.18	4.72	26.36	.071	1.59	1.62	clear	none

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./FL): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Darrin Johnson	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 12:39	SAMPLING ENDED AT: 12:44
PUMP OR TUBING DEPTH IN WELL (feet): 17.5 MDS 4/11/08	SAMPLE PUMP FLOW RATE (mL per minute): 200 MDS 4/11/08	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-13D	3	CG	40ml	HCl	—	—	8260	RFPP

MDS 4/11/08

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ ~~Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Tallevast	SITE LOCATION:	Tallevast, FL	
WELL NO:	MW-14S	SAMPLE ID:	MW-14S	DATE: 1-24-08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	4 feet to 10 feet	3.86	Geopump (PP)

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (10.0 feet – 3.86 feet) X 0.16 gallons/foot = 0.98 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 13 feet) + 0.25 gallons = 0.28 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
7	7	0949	1007	2.16

	TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (umhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
9	0958	1.08	1.08	0.12	3.99	6.5	23.8	0.222	1.1	18.4	clear	NONE	-32
3	1001	0.36	1.44	0.12	3.99	6.5	23.8	0.220	1.0	18.4	clear	NONE	-43
3	1004	0.36	1.80	0.12	3.99	6.5	23.9	0.217	0.9	14.3	CLEAR	NONE	-59
3	1007	0.36	2.16	0.12	3.99	6.5	24.0	0.216	0.8	13.9	CLEAR	NONE	-70

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
BRIDGET STAHL/ARCADIS	Bridget Stahl	1008	1012

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE:
7	~440	

FIELD DECONTAMINATION: Y (N)
FIELD-FILTERED: (Y) N FILTER SIZE: ____ µm
Filtration Equipment Type: ____
DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-14S	3	CG	40ml	HCl	—	—	8260	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: **all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater)** Turbidity: **all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)**

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Tallevast	SITE LOCATION:	Tallevast, FL	
WELL NO:	MW-14D	SAMPLE ID:	MW-14D	DATE: 1-24-08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	15 feet to 20 feet	3.96	Geopump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 33 feet) + 0.25 gallons = 0.33 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
17.5	17.5	0950	1004	1.82

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
0958	1.04	1.04	0.13	4.13	5.24	26.1	0087	0.66	4.13	clear	None	56
1000	0.26	1.30	0.13	4.14	5.21	26.2	0.087	0.63	3.07	clear	NONE	51
1002	0.26	1.56	0.13	4.14	5.20	26.2	0.087	0.60	2.20	clear	NONE	44
1004	0.26	1.82	0.13	4.14	5.18	26.2	0.087	0.58	2.07	Clear	NONE	42

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Jennifer King / ARCADIS	Jennifer King	1007	1009

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE:
17.5	492	

FIELD DECONTAMINATION: (Y) N
FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm
Filtration Equipment Type: ____
DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-14D	3	CG	40ml	HCl	—	—	8260	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: TALLEVAST	SITE LOCATION: Sarasota FL (MDS 4/11/08)	
WELL NO: MW-15S	SAMPLE ID: MW-15S	DATE: 1-24-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 4 feet to 10 feet	STATIC DEPTH TO WATER (feet): 4.36	PURGE PUMP TYPE OR BAILER: Geo Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (10 feet – 4.36 feet) X 0.16 gallons/foot = 0.90 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 13 feet) + 1.25 gallons = 0.28 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 7	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 7	PURGING INITIATED AT: 0853	PURGING ENDED AT: 0911	TOTAL VOLUME PURGED (gallons): 1.98

	TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
9	0902	0.99	0.99	0.11	4.50	6.52	23.6	~~mS/cm~~ 1394	0.71	2.03	Clear	NONE	-74
3	0905	0.33	1.32	0.11	4.51	6.54	23.6	0.401	0.70 ~~0.70~~	1.59	clear	NO	-93
3	0908	0.33	1.65	0.11	4.51	6.54	23.6	0.401	0.70	3.02	clear	NO	-97
3	0911	0.33	1.98	0.11	4.51	6.55	23.6	0.410	0.70	2.01	clear	NO	-105

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: BRIDGET STAHL / ARCADIS	SAMPLER(S) SIGNATURES: Bridget Stahl	SAMPLING INITIATED AT: 0912	SAMPLING ENDED AT: 0918
PUMP OR TUBING DEPTH IN WELL (feet): 7	SAMPLE PUMP FLOW RATE (mL per minute): ~416	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-15S	3	CG	40mL	HCL	40mL	—	8260	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: **all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater)** Turbidity: **all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)**

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: TALLEVAST	SITE LOCATION: TALLEVAST, FL.	
WELL NO: MW-15D	SAMPLE ID: MW-15D	DATE: 1-24-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 15 feet to 20 feet	STATIC DEPTH TO WATER (feet): 4.49	PURGE PUMP TYPE OR BAILER: Geo Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X ~~(B)~~ 43 feet) + .25 gallons = 0.36 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 17.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 17.5	PURGING INITIATED AT: 0848	PURGING ENDED AT: 0904	TOTAL VOLUME PURGED (gallons): 1.76

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
0858	1.10	1.10	0.11	5.19	5.0	24.2	mS/cm 0.213	0.6	2.19	Clear	~~YES~~ NO	74
0900	0.22	1.32	0.11	5.19	5.0	24.3	0.211	0.6	1.24	Clear	~~YES~~ NO	55
0902	0.22	1.54	0.11	5.19	5.0	24.3	0.211	0.6	0.67	clear	NO	45
0904	0.22	1.76	0.11	5.19	5.0	24.3	0.211	0.6	0.80	Clear	NO	35

10

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jennifer King / ARCADIS	SAMPLER(S) SIGNATURES: Jennifer King	SAMPLING INITIATED AT: 906	SAMPLING ENDED AT: 0910
PUMP OR TUBING DEPTH IN WELL (feet): 17.5 MDS 4/11/08	SAMPLE PUMP FLOW RATE (mL per minute): 116	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-15D	3	CG	40mL	HCL	40mL	—	8260	RFPP

REMARKS: 1.08

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: **all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater)** Turbidity: **all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)**

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Former ABC Facility	SITE LOCATION:	Tallavese, FL	
WELL NO:	MW-16S	SAMPLE ID:	MW-16S	DATE: 1.29.08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	4 feet to 10 feet	2.9	PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 10 feet) + 0.25 gallons = 0.276 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
8	8	15:15	16:00	4.4

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
15:20	0.4	0.4	0.1	2.95	5.78	21.14	0.226	0.32	0	clear	none	-41
15:25	0.5	0.9	0.1	2.99	5.20	21.18	0.276	0.28	0	"	"	-71
15:30	0.5	1.4	0.1	3.00	5.16	21.19	0.340	0.29	0	"	"	-72
15:35	0.5	1.9	0.1	3.00	5.06	21.18	0.936	0.28	0	"	"	-74
15:40	0.5	2.4	0.1	3.00	5.06	21.20	0.999	0.31	0	"	"	-72
15:45	0.5	2.9	0.1	3.00	5.00	21.24	0.589	0.41	0	"	"	-77
15:50	0.5	3.4	0.1	3.00	4.98	21.25	0.242	0.41	0	"	"	-76
15:55	0.5	3.9	0.1	3.00	4.98	21.25	0.213	0.41	0	"	"	-77
16:00	0.5	4.4	0.1	3.00	4.98	21.27	0.227	0.41	0	"	"	-78

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Micah Forbes / ARCADIS		16:01	16:05

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE:
8 MDS 4/1/08	<100 MDS 4/1/08	

FIELD DECONTAMINATION:	FIELD-FILTERED:	FILTER SIZE:	DUPLICATE:
(Y) N	(Y) N Filtration Equipment Type:	µm	Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-16S	3	CG	40ml	HCl	—	—	8260	RFPP MDS 4/1/08

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Tellevast	SITE LOCATION:	Sarasota, FL
WELL NO:	MW-16D	SAMPLE ID:	MW-16D
DATE:	1/29/08		

PURGING DATA

WELL DIAMETER (inches):	2	TUBING DIAMETER (inches):	1/4	WELL SCREEN INTERVAL DEPTH:	15 feet to 20 feet	STATIC DEPTH TO WATER (feet):		PURGE PUMP TYPE OR BAILER:	(pp) geopump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)

= ~~0.0026~~ 0.02 feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable) (0.40)

= gallons + (0.0026 gallons/foot X 25 feet) + 0.25 gallons = 0.213 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	~17.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	~17.5	PURGING INITIATED AT:	1513	PURGING ENDED AT:	1527	TOTAL VOLUME PURGED (gallons):	1.26

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1518	0.45	0.45	0.09	3.45	5.47	22.99	374	0.86	34.2	clear	yes	60
1521	0.27	0.72	0.09	3.45	5.45	22.97	375	0.85	35.6	clear	yes	59
1524	0.27	0.99	0.09	3.45	5.41	23.00	377	0.82	37.2	clear	yes	37
1527	0.27	1.26	0.09	3.45	5.40	23.02	377	0.82	35.6	clear	yes	33

Ned Smith 1/29/08

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	Ned Smith / ARCADIS	SAMPLER(S) SIGNATURES:	Ned Smith	SAMPLING INITIATED AT:	1530	SAMPLING ENDED AT:	1535
PUMP OR TUBING DEPTH IN WELL (feet):	~17.5	SAMPLE PUMP FLOW RATE (mL per minute):	≤ 100	TUBING MATERIAL CODE:	PE		
FIELD DECONTAMINATION:	Y N	FIELD-FILTERED: Y N Filtration Equipment Type:		FILTER SIZE: ____ µm		DUPLICATE: Y N	MDS 4/11/08

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-16D	3	CG	40ml	HCL	—	<2	8260B+8260S low	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **~~Turbidity: all readings ≤ 20 NTU, optionally ± 5 NTU or ± 10% (whichever is greater)~~**

.84

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: TALLEVAST	SITE LOCATION: Sarasota FL (MDS 4/11/08)	
WELL NO: MW-17S	SAMPLE ID: MW-17S	DATE: 1-23-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 4 feet to 10 feet	STATIC DEPTH TO WATER (feet): 4.41	PURGE PUMP TYPE OR BAILER: PP GeoPump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 13 feet) + .25 gallons = 0.28 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 7	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 7	PURGING INITIATED AT: 1434	PURGING ENDED AT: 1449	TOTAL VOLUME PURGED (gallons): 1.92

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1443	0.96	0.96	0.16	4.58	6.34	23.7	0.334 mS/cm	1.23	3.99	clear	~~yes~~ no	-45
1445	0.32	1.28	0.16	4.58	6.34	23.7	0.319	1.14	5.65	clear	yes	-57
1447	0.32	1.6	0.16	4.58	6.34	23.8	0.314	1.03	6.38	clear	yes	-68
1449	0.32	1.92	0.16	4.58	6.34	23.8	0.302	0.98	6.61	clear	yes	-73

6

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jennifer King / ARCADIS	SAMPLER(S) SIGNATURES: Jennifer King	SAMPLING INITIATED AT: 1451	SAMPLING ENDED AT: 1454
PUMP OR TUBING DEPTH IN WELL (feet): 7 (MDS 4/11/08)	SAMPLE PUMP FLOW RATE (mL per minute): 600	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-17S	3	CG	40mL	HCL	40mL	—	8260	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: TALLEVAST	SITE LOCATION: Sarasota FL (MDX 4/11/08)	
WELL NO: MW-17D	SAMPLE ID: MW-17D	DATE: 1-23-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 15 feet to 20 feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: PP Geo Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 23 feet) + .25 gallons = 0.31 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 17.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 17.5	PURGING INITIATED AT: 1434	PURGING ENDED AT: 1448	TOTAL VOLUME PURGED (gallons): 1.68

	TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
8	1442	0.96	0.96	0.12	4.90	4.9	25.4	.236 MS/cm	0.6	4.13	clear	yes	-1
"	1444	0.24	1.2	0.12	4.92	4.8	25.4	.228	0.5	3.55	clear	yes	-18
"	1446	0.24	1.44	0.12	4.92	4.8	25.4	.227	0.5	3.12	clear	yes	-29
"	1448	0.24	1.68	0.12	4.92	4.8	25.4	.225	0.5	2.77	clear	yes	-41

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: BRIDGET STAHL / ARCADIS	SAMPLER(S) SIGNATURES: Bridget Stahl	SAMPLING INITIATED AT: 1449	SAMPLING ENDED AT: 1455
PUMP OR TUBING DEPTH IN WELL (feet): 17.5	SAMPLE PUMP FLOW RATE (mL per minute): ~454	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-17D	3	CG	40mL	HCL	40mL	–	8260	RFPP

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Former ABC Facility		SITE LOCATION: Tallevast FL	
WELL NO: MW-18S	SAMPLE ID: MW-18S		DATE: 1-28-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 4 feet to 10 feet	STATIC DEPTH TO WATER (feet): 3.09	PURGE PUMP TYPE OR BAILER: PP MDS 4/11/08

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (10 feet – 3.09 feet) X 0.16 gallons/foot = 1.11 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 7 MDS 4/11/08	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 7 MDS 4/11/08	PURGING INITIATED AT: 1022	PURGING ENDED AT: 1045	TOTAL VOLUME PURGED (gallons): 2.3

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
1036	1.4	1.4	0.1	3.24	5.16	22.19	0.091	1.49	33.6	none	none noted	36
1039	0.3	1.7	↓	3.24	5.16	21.95	0.088	1.52	29.4	↓	↓	33
1042	0.3	2.0	↓	3.24	5.14	22.03	0.091	1.54	30.0	↓	↓	29
1045	0.3	2.3	↓	3.24	5.13	22.15	0.089	1.50	30.6	↓	↓	23
							µS/cm					

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Amy Coats / Arcadis	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1046	SAMPLING ENDED AT: 1050
PUMP OR TUBING DEPTH IN WELL (feet): 7	SAMPLE PUMP FLOW RATE (mL per minute): <100 MDS 4/11/08	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm Filtration Equipment Type: ___	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-18S	3	CG	40mL	HCl	—	—	8260	RFPP MDS 4/11/08

REMARKS:
1002 - remove transducer 1022 begin purge 1056 finish pumping 1059 Replace transducer

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

total volume Removed: 1L (graduated bucket)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Former ABC		SITE LOCATION: Tallevast	
WELL NO: MW-18D	SAMPLE ID: MW-18D		DATE: 1-28-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 15 feet to 20 feet	STATIC DEPTH TO WATER (feet): 3.14	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (20 feet – 3.14 feet) X .16 gallons/foot = 2.69 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 1012	PURGING ENDED AT: 1032	TOTAL VOLUME PURGED (gallons): 2.0

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
1023	1.1	1.1	0.1	3.39	4.98	23.93	0.163	1.21	2.35	clear	none	-66
1026	.3	1.4	0.1	↓	4.98	24.04	0.166	1.15	2.54	↓	↓	-70
1029	.3	1.7	0.1	↓	4.98	23.96	0.169	0.99	2.86	↓	↓	-74
1032	.3	2.0	0.1	↓	4.98	24.03	0.172	1.04	1.73	↓	↓	-78
							mS/cm					

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1033	SAMPLING ENDED AT: 1035
Darrin Johnson	Darrin Johnson		

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): <100 (MDS 4/11/08)	TUBING MATERIAL CODE:
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-18D	3	CG	40ml	HCl	—	—	8260	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

3.09

SITE NAME: TALLEVAST	SITE LOCATION: TALLEVAST	
WELL NO: MW-19	SAMPLE ID: MW-19	DATE: 1-31-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 277.5 feet to 297.5 feet	STATIC DEPTH TO WATER (feet): 19.23	PURGE PUMP TYPE OR BAILER: PP GeoPump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 300.5 feet) + .25 gallons = 1.03 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 287.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 287.5	PURGING INITIATED AT: 1520	PURGING ENDED AT: 1634	TOTAL VOLUME PURGED (gallons): 3.36

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1628	3.12	3.12	.04	22.54	7.9	24.4	.566	0.4	35.1	clear	yes	-257
1630	.08	3.20	.04	22.57	7.9	24.4	.564	0.4	31.3	clear	yes	-261
1632	.08	3.28	.04	22.59	7.9	24.4	.562	0.4	28.9	clear	yes	-261
1634	.08	3.36	.04	22.60	7.9	24.6	.561	0.4	26.5	clear	yes	-262

78

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jennifer Kink/ARCADIS	SAMPLER(S) SIGNATURES: Jennifer Kink	SAMPLING INITIATED AT: 1636	SAMPLING ENDED AT: 1643
PUMP OR TUBING DEPTH IN WELL (feet): 287.5	SAMPLE PUMP FLOW RATE (mL per minute): ~150	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: Y (N)	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-19	3	CG	40ml	HCl	–	–	8260	RFPP

REMARKS: Sampled with transducer; missing 2 bolts

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast	SITE LOCATION: Tallevast, FL	
WELL NO: mw-20	SAMPLE ID: mw-20	DATE: 1-24 08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 35 feet to 40 feet	STATIC DEPTH TO WATER (feet): 5.22	PURGE PUMP TYPE OR BAILER: Geo. Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)

= 0 gallons + (0.0026 gallons/foot X 43 feet) + .25 gallons = .36 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 37.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 37.5	PURGING INITIATED AT: 1147	PURGING ENDED AT: 1203	TOTAL VOLUME PURGED (gallons): 1.76

MDS 4/7/08

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm) mS/cm	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1157	1.10	1.10	0.11	5.59	5.40	24.2	.223	0.64	0.41	Clear	yes	-51
1159	.22	1.32	0.11	5.59	5.40	24.2	.223	0.58	3.53	clear	yes	-55
1201	.22	1.54	0.11	5.59	5.42	24.2	.228	0.60	1.64	Clear	yes	-59
1203	.22	1.76	0.11	5.59	5.42	24.2	.231	0.55	2.12	clear	yes	-63

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: BRIDGET STAHL / ARCADIS	SAMPLER(S) SIGNATURES: Bridget Stahl	SAMPLING INITIATED AT: 1205	SAMPLING ENDED AT: 1211
PUMP OR TUBING DEPTH IN WELL (feet): 37.5 MDS 4/7/08	SAMPLE PUMP FLOW RATE (mL per minute): ~420	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
mw-20	3	CG	40mL	HCL	40mL	—	8260	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

1.89

SITE NAME: TALLEVAST	SITE LOCATION: TALLEVAST, FL	
WELL NO: MW-21	SAMPLE ID: MW-21	DATE: 1-28-05

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 135 feet to 145 feet	STATIC DEPTH TO WATER (feet): 17.82	PURGE PUMP TYPE OR BAILER: PP GeoPump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 148 feet) + .25 gallons = 0.63 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 140	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 140	PURGING INITIATED AT: 1051	PURGING ENDED AT: 1113	TOTAL VOLUME PURGED (gallons): 2.73 (MES 4/11/05)

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
15 1106	1.95	1.95	0.13	21.10	8.93	24.5	0.488	0.51	3.37	clear	yes	-321
1108	0.24	2.21	0.13	21.27	8.89	24.5	0.493	0.50	2.90	clear	yes	-322
1110	0.26	2.47	0.13	21.39	8.83	24.5	0.496	0.50	2.46	clear	yes	-323
1112	0.26	2.73	0.13	21.49	8.77	24.5	0.497	0.49	2.59	clear	yes	-325

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jennifer King/ARCADIS	SAMPLER(S) SIGNATURES: Jennifer King	SAMPLING INITIATED AT: 1115	SAMPLING ENDED AT: 1127
PUMP OR TUBING DEPTH IN WELL (feet): 140 (MES 4/11/05)	SAMPLE PUMP FLOW RATE (mL per minute): ~ 490	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: (Y) N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-21	3	CG	40ml	HCl	40 ml	–	8260	RF PP
DUP-14	3	CG	40ml	HCl	40 ml	–	8260	RF PP

REMARKS: Well NOT Labeled with RED TAG / Labeled concrete PAD with Paint Pen.

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast	SITE LOCATION: Tallevast, FL	
WELL NO: MW-22	SAMPLE ID: MW-22	DATE: 1/25/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 277 feet to 297 feet	STATIC DEPTH TO WATER (feet): 11.85	PURGE PUMP TYPE OR BAILER: Geopump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + 0.0026 gallons/foot X ~~330~~ 330 feet) + 0.25 gallons = ~~1.03~~ 1.11 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 287	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 287	PURGING INITIATED AT: 0915	PURGING ENDED AT: 1112	TOTAL VOLUME PURGED (gallons): 3.51

	TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
111	1106	3.33	3.33	0.03	27.12	9.5	23.3	.709	2.5	132	cloudy	yes	-322
2	1108	.06	3.39	0.03	27.16	9.4	23.2	.717	2.6	140	cloudy	yes	-308
2	1110	.06	3.45	0.03	27.18	9.4	23.1	.727	2.5	142	cloudy	yes	-290
2	1112	.06	3.51	0.03	27.19	9.3	23.0	.740	2.5	145	cloudy	yes	-304

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: BRIDGET STAHL/ARCADIS	SAMPLER(S) SIGNATURES: Bridget Stahl	SAMPLING INITIATED AT: 1114	SAMPLING ENDED AT: 1121
PUMP OR TUBING DEPTH IN WELL (feet): 287	SAMPLE PUMP FLOW RATE (mL per minute): ~ 114	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: Y (N)	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-22	3	CG	40ml	HCl	—	—	8260	RFPP

REMARKS:
Tubing needs changing; multiple kinks causing water blockage,

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

234

SITE NAME:	Tallevast	SITE LOCATION:	Tallevast, FL	
WELL NO:	MW-23	SAMPLE ID:	MW-23	DATE: 11/25/08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	152 feet to 172 feet	16.84	PP (MDS 4/11/08)

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + 0.0026 gallons/foot X 205 feet) + 0.25 gallons = 0.78 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
162	162	0904	1030	2.58

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/l or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1022	2.34	2.34	0.03	18.83	7.33	23.5	.511 mS/cm	.47	~~165~~ 1.8	cloudy	yes	-258
1024	0.06	2.40	0.03	18.79	7.32	23.5	.512	.54	2.63	clear	yes	-257
1026	0.06	2.46	0.03	18.79	7.41	23.5	.511	.49	1.62	clear	yes	-263
1028	0.06	2.52	0.03	18.79	7.42	23.3	.511	.49	1.21	clear	yes	-263
1030	0.06	2.58	0.03	18.79	7.42	23.4	.511	.47	1.14	clear	yes	-264

78

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Bridget STAHL / ARCADIS; Jennifer Ivey		1032	1041
PUMP OR TUBING DEPTH IN WELL (feet): 162	SAMPLE PUMP FLOW RATE (mL per minute): ~ 114	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: (Y) ~~N~~ JC	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-23	3	CG	40ml	HCl	—	—	8260	RFPP
DUP-11	3	CG	40ml	HCl	—	—	8260	RFPP

REMARKS: Tubing should be changed; lots of kinks – lots of sediment in well; larger tubing recommended.

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

1.05

SITE NAME: TALLAHASSEE	SITE LOCATION: TALLAHASSEE, FL	
WELL NO: MW-24	SAMPLE ID: MW-24	DATE: 1-29-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 30.5 feet to 35.5 feet	STATIC DEPTH TO WATER (feet): 5.32	PURGE PUMP TYPE OR BAILER: PP Geo Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 38.5 feet) + .25 gallons = 0.35 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 33	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 33	PURGING INITIATED AT: 0859	PURGING ENDED AT: 0912	TOTAL VOLUME PURGED (gallons): 2.21

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/l or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
0906	1.19	1.19	0.17	6.04	5.4	24.2	.450 mS/cm	0.5	6.30	clear	yes	-11
0909	0.34	1.53	0.17	6.04	5.4	24.2	.447	0.5	4.85	clear	yes	-14
0910	0.34	1.87	0.17	6.04	5.4	24.2	.442	0.5	2.81	clear	yes	-20
0912	0.34	2.21	0.17	6.04	5.4	24.2	.439	0.5	1.93	clear	yes	-24

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: BRIDGET STAHL/ARCADIS	SAMPLER(S) SIGNATURES: Bridget Stahl	SAMPLING INITIATED AT: 0913	SAMPLING ENDED AT: 0916
PUMP OR TUBING DEPTH IN WELL (feet): 33	SAMPLE PUMP FLOW RATE (mL per minute): 2640	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-24	3	CG	40mL	HCl	40ml	—	8260	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	TALLEVAST	SITE LOCATION:	Sarasota FL (MDS 4/11/08)	
WELL NO:	MW-25	SAMPLE ID:	MW-25	DATE: 1-24-08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	36.4 feet to 43.4 feet	3.80	PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 46.4 feet) + .25 gallons = 0.37 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
40	40	1528	1543	1.95 (MDS 4/11/08)

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (umhos/cm (mS/cm))	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1537	1.17	1.17	0.13	4.88	5.35	26.4	.689	0.53	3.51	CLEAR	NONE	+16
1539	0.26	1.43	0.13	4.84	5.32	26.3	.694	0.51	3.48	CLEAR	NONE	+16
1541	0.26	1.69	0.13	4.81	5.31	26.4	.696	0.49	1.90	CLEAR	NONE	+17
1543	0.26	1.95	0.13	4.81	5.31	26.4	.694	0.49	1.78	CLEAR	NONE	+18

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Jennifer King/AREA Dis	Jennifer King	1545	1550

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE:
40 (MDS 4/11/08)	~ 492	

FIELD DECONTAMINATION:	FIELD-FILTERED:	FILTER SIZE:	DUPLICATE:
(Y) N	Y (N) Filtration Equipment Type:	____ µm	Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-25	3	CG	40mL	HCL	40mL	–	8260	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast (MDS 4/14/08)		SITE LOCATION: Sarasota FL (MDS 4/14/08)	
WELL NO: MW-26	SAMPLE ID: MW-26		DATE: 1/28/08

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/4"	WELL SCREEN INTERVAL DEPTH: 21.5 feet to 26.5 feet	STATIC DEPTH TO WATER (feet): 3.77	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 26.5 feet) + 0.25 gallons = 1.72 gallons (MDS 4/14/08)

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 23.5 (MDS 4/14/08)	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 23.5 (MDS 4/14/08)	PURGING INITIATED AT: 1440	PURGING ENDED AT: 1457	TOTAL VOLUME PURGED (gallons): 1.7 (MDS 4/14/08)

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
1445	0.5	0.5	0.1	4.35	6.8	23.2	63	5.3	4.18	Clear	Sulfur	211
1448	0.3	0.8	↓	4.35	6.7	23.1	63	3.8	2.85			184
1451	0.3	1.1		4.38	6.7	23.3	63	3.6	2.73			177
1454	0.3	1.4		4.42	6.7	23.2	63	3.4	2.73			177
1457	0.3	1.7		4.45	6.7	23.1	63	3.6	2.70			164
1500 →	Sampled @ 1500											
	MDS 4/14/08	MDS 4/14/08										

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES: KABy Cornwell / ARCADIS	SAMPLING INITIATED AT: 1500	SAMPLING ENDED AT: 1503
PUMP OR TUBING DEPTH IN WELL (feet): 23.5	SAMPLE PUMP FLOW RATE (mL per minute): <100 (MDS 4/14/08)	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-26	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 4/14/08)

REMARKS:
Initial purge clear, Noticible sulfur odor.

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU, optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tellevast	SITE LOCATION: Sarasota, FL	
WELL NO: MW-27	SAMPLE ID: MW-27	DATE: 1/28/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): ¼	WELL SCREEN INTERVAL DEPTH: 30 feet to 35 feet	STATIC DEPTH TO WATER (feet): 3.05	PURGE PUMP TYPE OR BAILER: (pp) geo pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (0.60)
(only fill out if applicable)
= gallons + (0.0026 gallons/foot X 38 feet) + 0.50 gallons = 0.598 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~32.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~32.5	PURGING INITIATED AT: 1000	PURGING ENDED AT: 1030	TOTAL VOLUME PURGED (gallons): 3.00

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/l or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1006	0.60	0.60	0.10	3.50	6.22	21.82	681	6.75	3.79	clear	NO	290
1009	0.30	0.90	0.10	3.54	6.25	22.10	674	6.38	2.44	clear	NO	287
1012	0.30	1.20	0.10	3.54	6.25	22.24	675	6.13	2.33	clear	NO	285
1015	0.30	1.50	0.10	3.54	6.24	22.40	683	4.56	2.32	clear	NO	280
1018	0.30	1.80	0.10	3.54	6.23	22.51	684	4.32	1.89	clear	NO	133
1021	0.30	2.10	0.10	3.54	6.23	22.44	683	3.24	1.89	clear	NO	102
1024	0.30	2.40	0.10	3.54	6.25	22.38	641	3.14	2.28	clear	NO	11
1027	0.30	2.70	0.10	3.54	6.29	22.45	637	3.16	1.80	clear	NO	-40
1030	0.30	3.00	0.10	3.54	6.35	22.41	629	3.13	1.80	clear	NO	-85

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Neil Smith / ARCADIS	SAMPLER(S) SIGNATURES: Neil Smith	SAMPLING INITIATED AT: 1033	SAMPLING ENDED AT: 1040
PUMP OR TUBING DEPTH IN WELL (feet): ~32.5	SAMPLE PUMP FLOW RATE (mL per minute): ~100	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: X N	FIELD-FILTERED: Y N Filtration Equipment Type: ____	FILTER SIZE: ____ µm	DUPLICATE: Y X

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-27	3	CG	40mL	HCL	—	<2	8260B+8260SIM	RFPP

REMARKS:
Toc Not flush with manhole cover

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 1, 2004

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tellevast	SITE LOCATION: Sarasota, FL	
WELL NO: MW-28	SAMPLE ID: MW-28	DATE: 1/28/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 25 feet to 30 feet	STATIC DEPTH TO WATER (feet): 3.13	PURGE PUMP TYPE OR BAILER: (PP) geopump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (0.60)
(only fill out if applicable)
= gallons + (0.0026 gallons/foot X 36 feet) + 0.50 gallons = 0.59 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~28	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~28	PURGING INITIATED AT: 1225	PURGING ENDED AT: 1242	TOTAL VOLUME PURGED (gallons): 1.36

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1233	0.64	0.64	0.08	3.74	5.12	24.66	424	0.59	26.8	clear	yes	29
1236	0.24	0.88	0.08	3.78	5.18	24.65	449	0.47	7.62	clear	yes	22
1239	0.24	1.12	0.08	3.78	5.17	24.85	451	0.42	5.45	clear	yes	21
1242	0.24	1.36	0.08	3.81	5.21	24.86	452	0.45	2.28	clear	yes	15

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Neil Snow / ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1242	SAMPLING ENDED AT: 1255
PUMP OR TUBING DEPTH IN WELL (feet): ~28	SAMPLE PUMP FLOW RATE (mL per minute): ≤100	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: Y / N	FIELD-FILTERED: Y / N FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y / N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-28	3	CG	40ml	HCL	—	<2	8260B+8260	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Former ABC	SITE LOCATION: Tallevast	
WELL NO: MW-29	SAMPLE ID: MW-29	DATE: 1-28-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 25 feet to 30 feet	STATIC DEPTH TO WATER (feet): 2.99	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (30 feet – 2.99 feet) X .16 gallons/foot = 4.32 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (.0026 gallons/foot X 32 feet) + .25 gallons = .33 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 30	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 27	PURGING INITIATED AT: 10:45	PURGING ENDED AT: 11:10	TOTAL VOLUME PURGED (gallons): 2.5

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
10:49	.4	.4	0.1	3.88	5.41	24.63	0.434	3.89	9.89	clear	none	66
10:52	.3	.7	0.1	3.94	5.44	24.80	0.448	3.27	10.42	↓	↓	
10:55	.3	1.0	0.1	4.0	5.53	24.75	0.454	2.13	10.53			5
10:58	.3	1.3	0.1	4.02	5.78	24.88	0.463	1.37	4.50			-58
11:01	.3	1.6	0.1	4.04	5.96	24.90	0.505	0.91	3.98			-94
11:04	.3	1.9	0.1	3.93	6.04	25.06	0.528	0.91	2.55			
11:07	.3	2.2	0.1	3.93	6.07	25.06	0.535	0.91	2.03			-113
11:10	.3	2.5	0.1	3.94	6.10	25.14	0.540	0.90	2.06	↓	↓	-116

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Darrin Johnson	SAMPLER(S) SIGNATURES: Darrin Johnson	SAMPLING INITIATED AT: 11:11	SAMPLING ENDED AT: 11:16
PUMP OR TUBING DEPTH IN WELL (feet): 27 MDS 9/14/08	SAMPLE PUMP FLOW RATE (mL per minute): <100 MDS 9/14/08	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-29	3	CG	40mL	HCl	—	—	8260	RFPP MDS 9/14/08

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast	SITE LOCATION: Sarasota, FL	
WELL NO: MW-30	SAMPLE ID: MW-30	DATE: 1-30-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 23.5 feet to 28.5 feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 31.5 feet) + 0.5 gallons ~~0.13~~ 0.58 TH gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 26	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 26	PURGING INITIATED AT: 1548	PURGING ENDED AT: 1612 MDC 4/14/08	TOTAL VOLUME PURGED (gallons): 2.4 MDC 4/14/08

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1600	1.2	1.2	0.1	8.78	6.74	25.64	509	0.73	10.65	clear yellow	yes	-221
1603	0.3	1.5	0.1	9.84	6.75	25.57	475	0.72	4.69	"	yes	-235
1606	0.3	1.8	0.1	10.40	6.74	25.59	472	0.59	4.24	"	yes	-231
1609	0.3	2.1	0.1	10.85	6.73	25.60	468	0.50	4.22	"	yes	-228
1612	0.3	2.4	0.1	11.5	6.72	25.66	474	0.47	4.80	"	yes	-227

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: SW, TH / ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1614	SAMPLING ENDED AT: 1620
PUMP OR TUBING DEPTH IN WELL (feet): 26	SAMPLE PUMP FLOW RATE (mL per minute): <100 MDC 4/14/08	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-30	3	CG	40ml	HCl	40 ml	—	8260B+8260B+SIM	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU, optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Tallevast	SITE LOCATION:	Tallevast, FL
WELL NO:	MW-31	SAMPLE ID:	MW-31
		DATE:	1/28/08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	275 feet to 295 feet	16.96	Geopump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 298 feet) + 1.25 gallons = ~~6.0~~ 1.02 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
285	285	1215	1300	3.60

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1254	3.12	3.12	0.08	23.97	7.6	24.1	0.666	0.4	4.65	clear	NO	-184
1256	0.16	3.28	0.08	24.09	7.7	24.2	0.667	0.4	3.94	clear	NO	-186
1258	0.16	3.44	0.08	24.25	7.7	24.2	0.672	0.4	3.66	clear	NO	-187
1300	0.16	3.60	0.08	24.35	7.7	24.3	0.669	0.4	4.11	clear	NO	-188

39

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
BRIDGET STAHL/ARCADIS	Bridget Stahl	1301	1305
PUMP OR TUBING DEPTH IN WELL (feet): 285	SAMPLE PUMP FLOW RATE (mL per minute): ~290	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW31	3	CG	40ml	HCl	—	—	8260	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Former ABC	SITE LOCATION: Tallevast	
WELL NO: MW-32	SAMPLE ID: MW-32	DATE: 1-24-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 24.5 feet to 29.5 feet	STATIC DEPTH TO WATER (feet): 4.61	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + .0026 gallons/foot X 29.5 feet) + 0.25 gallons = 0.33 gallons MDS 4/14/08

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 29.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 27	PURGING INITIATED AT: 9:35	PURGING ENDED AT: 10:06	TOTAL VOLUME PURGED (gallons): 3.1

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
9:57	2.2	2.2	0.1	6.93	5.60	30.25	0.755	1.35	1.86	clear	none	
10:00	0.3	2.5	0.1	6.85	5.61	30.18	0.759	1.08	3.19	clear	none	-52
10:03	0.3	2.8	0.1	6.85	5.61	30.24	0.753	1.06	1.86	clear	none	-56
10:06	0.3	3.1	0.1	6.84	5.61	30.25	0.759	1.12	1.68	clear	none	-59

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Darrin Johnson	SAMPLER(S) SIGNATURES: Darrin Johnson	SAMPLING INITIATED AT: 10:07	SAMPLING ENDED AT: 10:12
PUMP OR TUBING DEPTH IN WELL (feet): 27 MDS 4/14/08	SAMPLE PUMP FLOW RATE (mL per minute): <100 MDS 4/14/08	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-32	3	CG	40ml	HCl	—	—	8260	RFPP MDS 4/14/08

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast	SITE LOCATION: Sarasota, FL	
WELL NO: MW-33	SAMPLE ID: MW-33	DATE: 1-31-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 35.5 feet to 40.5 feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + 0.0026 gallons/foot X 43.5 feet) + 0.5 gallons = 0.61 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 38	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 38	PURGING INITIATED AT: 0945	PURGING ENDED AT: 1013 MDS 4/14/08	TOTAL VOLUME PURGED (gallons): 2.24

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1001	1.28	1.28	0.08	9.64	6.50	28.78	1257	1.26	2.60	clear	NONE	-163
1004	0.24	1.52	0.08	9.66	6.53	28.93	1262	0.79	1.60	clear	NONE	-169
1007	0.24	1.76	0.08	9.65	6.56	28.91	1267	0.83	1.05	clear	NONE	-155
1010	0.24	2.0	0.08	9.66	6.60	28.96	1274	0.85	1.80	clear	NONE	-178
1013	0.24	2.24	0.08	9.67	6.61	28.98	1275	0.72	0.86	clear	NONE	-179

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: TH/SW / ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1014	SAMPLING ENDED AT: 1020
PUMP OR TUBING DEPTH IN WELL (feet): 38	SAMPLE PUMP FLOW RATE (mL per minute): 400 MDS 4/14/08	TUBING MATERIAL CODE: T	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-33	3	CG	40ml	HCl	40ml	——	8260B + 8260SIM	RFPP

REMARKS:
Pizzmeter Removed @ 0932 put back @ 1024

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Former ABC Facility	SITE LOCATION: Tallavese, FL		
WELL NO: MW-34	SAMPLE ID: MW-34	DATE: 1.30.08	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 145 feet to 155 feet	STATIC DEPTH TO WATER (feet): 18.05	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME 0.65
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 155 feet) + 0.25 gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 150	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 150	PURGING INITIATED AT: 7:48	PURGING ENDED AT: 8:15	TOTAL VOLUME PURGED (gallons): 2.7

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. ~~(µmhos/c~~ m or ~~µS/cm)~~ mS/cm	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
7:55	0.7	0.7	0.1	18.5	7.27	23.9	0.578	0.4	4	clear	none	-292
8:00	0.5	1.2	0.1	18.6	7.32	24.0	0.572	0.36	12	"	"	-303
8:05	0.5	1.7	0.1	18.5	7.36	23.8	0.570	0.34	0	"	"	-301
8:10	0.5	2.2	0.1	18.4	7.38	23.7	0.569	0.34	2	"	"	-312
8:15	0.5	2.7	0.1	18.4	7.38	23.8	0.569	0.36	0	"	"	-313
8:20												

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Micah Forbes / ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 8:16	SAMPLING ENDED AT: 8:20
PUMP OR TUBING DEPTH IN WELL (feet): 150 MDS 4/14/08	SAMPLE PUMP FLOW RATE (mL per minute): <100 MDS 4/14/08	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-34	3	CG	40ml	HCl	—	—	8260	RFPP

MDS 4/14/08

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tellerust	SITE LOCATION: Sarasota, FL	
WELL NO: MW-35	SAMPLE ID: MW-35	DATE: 1/29/08

PURGING DATA

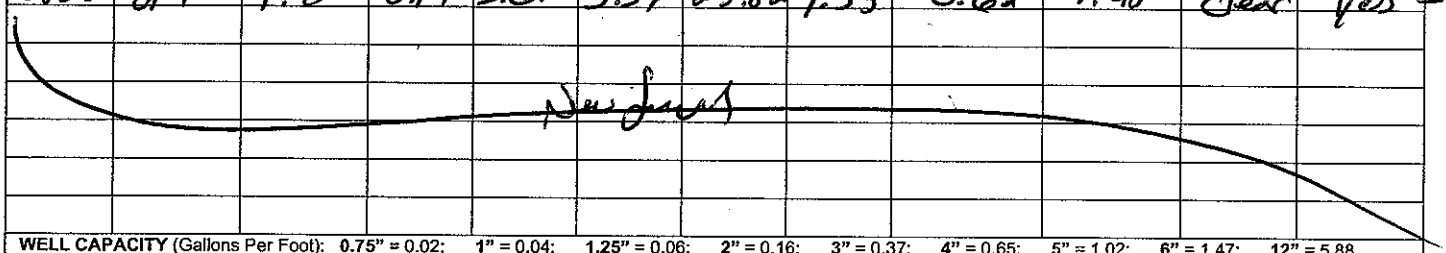
WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 25 feet to 30 feet	STATIC DEPTH TO WATER (feet): 2.81	PURGE PUMP TYPE OR BAILER: (pp) grapnup

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (0.0026 gallons/foot X 32 feet) + 0.25 gallons = 0.33 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~27	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~27	PURGING INITIATED AT: 0755	PURGING ENDED AT: 0808	TOTAL VOLUME PURGED (gallons): 1.82

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
0759	0.56	0.56	0.14	4.59 3.59	5.38	23.76	1560	0.69	3.31	clear	yes	-20
0802	0.42	0.98	0.14	3.59	5.38	23.76	1550	0.63	2.14	clear	yes	-21
0805	0.42	1.40	0.14	3.59	5.37	23.78	1554	0.63	1.01	clear	yes	-24
0808	0.42	1.82	0.14	3.61	5.37	23.82	1.53	0.62	1.48	clear	yes	-17



WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Neil Smith / ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 0808	SAMPLING ENDED AT: 0820
PUMP OR TUBING DEPTH IN WELL (feet): ~27	SAMPLE PUMP FLOW RATE (mL per minute): ≤ 100	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: Y / N	FIELD-FILTERED: Y N Filtration Equipment Type:	FILTER SIZE: ____ µm	DUPLICATE: Y N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-35	3	CG	40ml	HCL	—	<2	8260B+8260	Sm RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU, optionally ± 5 NTU or ± 10% (whichever is greater)~~

Revision Date: February 1, 2004

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

1.02

SITE NAME:	Tallevast	SITE LOCATION:	Tallevast, FL	
WELL NO:	MW-36	SAMPLE ID:	MW-36	DATE: 1/31/08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	23 feet to 28 feet	5.63	Geopump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.002 gallons/foot X 35 feet) + 0.25 gallons = .34 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
25.5	25.5	1056	1112	1.80

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1106	1.08	1.08	0.12	7.41	5.34	28.8	.395	.80	4.00	clear	NO	61
1108	.24	1.32	0.12	7.47	5.35	28.9	.397	.77	2.52	Clear	NO	59
1110	.24	1.56	0.12	7.50	5.34	28.8	.403	.72	2.35	clear	NO	58
1112	.24	1.80	0.12	7.52	5.35	28.9	.406	.70	2.00	clear	NO	57
			SAMPLE									

9

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Jennifer King/ARCADIS	Jennifer King	1113	1120

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE:
25.5	450	

FIELD DECONTAMINATION: (Y) N
FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm
Filtration Equipment Type: ____
DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-36	3	CG	40ml	HCl	—	—	8260	RFPP

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

1.09

SITE NAME: Tallevast	SITE LOCATION: Tallevast, FL	
WELL NO: MW-37	SAMPLE ID: MW-37	DATE: 1/31/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 35.5 feet to 40.5 feet	STATIC DEPTH TO WATER (feet): 10.18	PURGE PUMP TYPE OR BAILER: GeoPump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 43.5 feet) + 0.25 gallons = 36 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 38	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 38	PURGING INITIATED AT: 1004	PURGING ENDED AT: 1030	TOTAL VOLUME PURGED (gallons): 1.76

	TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
10	1024	1.10	1.10	0.11	10.45	6.8	27.1	1.23	0.5	6.61	Clear	NONE	-81
2	1026	.22	1.32	0.11	10.47	6.8	27.1	1.20	0.5	8.27	Clear	NONE	-83
2	1028	.22	1.54	0.11	10.48	6.8	27.1	1.18	0.4	5.65	clear	NONE	-86
2	1030	.22	1.76	0.11	10.48	6.8	27.1	1.16	0.4	5.94	Clear	NONE	-87

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: BRIDGET STAHL/ARCADIS	SAMPLER(S) SIGNATURES: Bridget Stahl	SAMPLING INITIATED AT: 1031	SAMPLING ENDED AT: 1038
PUMP OR TUBING DEPTH IN WELL (feet): 38	SAMPLE PUMP FLOW RATE (mL per minute): ~430	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-37	3	CG	40ml	HCl	—	—	8260	RFPP

REMARKS: Sampled w/ Transducer in well, missing 2 bolts

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast	SITE LOCATION: Sarasota, FL	
WELL NO: MW-~~38~~ 38	SAMPLE ID: MW-~~38~~ 38	DATE: 2-1-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 23 feet to 28 feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.002 gallons/foot X 31 feet) + 0.75 gallons = .33 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 25.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 25.5	PURGING INITIATED AT: 0916	PURGING ENDED AT: 0934 (WLS 2/14/08 0/1/08)	TOTAL VOLUME PURGED (gallons): 1.98 (WLS 2/14/08)

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/l or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
0922	0.66	0.66	0.11	5.93	5.25	29.74	8360	1.60	23.5	~~tea~~ clear	NO	-210
0925	0.33	0.99	0.11	5.99	5.24	29.99	865	2.94	12.8	clear	NO	-215
0928	0.33	1.32	0.11	6.02	5.16	30.07	8660	1.44	~~8.45~~	clear	NO	-25
0931	0.33	1.65	0.11	6.04	5.14	30.10	8660	1.52	7.52	clear	NO	-216
0934	0.33	1.98	0.11	6.05	5.13	30.06	865	1.55	5.47	clear	NO	-217

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: TH/SW/ RCA95	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 0936	SAMPLING ENDED AT: 0940
PUMP OR TUBING DEPTH IN WELL (feet): 25.5	SAMPLE PUMP FLOW RATE (mL per minute): ≤100	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-38	3	CG	40ml	HCL	40ML	—	8260B 8260SIM	RFPP

REMARKS:
Transducer Removed @0913 Replaced @ 0945

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast	SITE LOCATION: Sarasota, FL	
WELL NO: MW-39	SAMPLE ID: MW-39	DATE: 2-1-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 35.5 feet to 40.5 feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 43.5 feet) + 0.25 gallons = 0.36 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 38	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 38	PURGING INITIATED AT: 0955	PURGING ENDED AT: 1013 MDS 4/14/08	TOTAL VOLUME PURGED (gallons): 2.16 MDS 4/14/08

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1001	0.72	0.72	0.12	13.22	10.92	29.94	526	0.94	27.9	Clear	NO	-220
1004	0.36	1.08	0.12	13.95	10.93	29.92	518	0.90	21.7	Clear	NO	-229
1007	0.36	1.44	0.12	14.47	10.88	29.80	488	0.82	19.0	Clear	NO	-229
1010	0.36	1.80	0.12	14.67	10.85	29.71	472	0.77	18.4	clear	NO	-231
1013	0.36	2.16	0.12	14.87	10.70	29.59	445	0.69	15.1	Clear	NO	-225
~~1016~~	~~0.36~~	~~2.52~~	~~0.12~~							Clear	~~NO~~	

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: SMITH / ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1014	SAMPLING ENDED AT: 1040
PUMP OR TUBING DEPTH IN WELL (feet): 38	SAMPLE PUMP FLOW RATE (mL per minute): ≤100	TUBING MATERIAL CODE: T	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-39	3	CG	40ml	HCl	40ml	—	82600 8260S	RFPP

REMARKS:
Transducer Removed @ 0947 Replaced @ 1037

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast	SITE LOCATION: Sarasota, FL	
WELL NO: MW-40	SAMPLE ID: MW-40	DATE: 1-31-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 23 feet to 28 feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 31 feet) + 0.25 gallons = 0.33 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 25.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 25.5	PURGING INITIATED AT: 1129	PURGING ENDED AT: 1144 (MPS 4/14/03)	TOTAL VOLUME PURGED (gallons): 1.80

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1135	0.72	0.72	0.12	5.69	5.23	30.52	854	1.20	2.43	Clear	NONE	-152
1138	0.36	1.08	0.12	5.70	5.23	30.57	858	0.98	1.85	Clear	NONE	-161
1141	0.36	1.44	0.12	5.69	5.21	30.55	861	0.87	1.80	clear	NONE	-167
1144	0.36	1.80	0.12	5.68	5.20	30.57	857	0.89	2.41	clear	NONE	-171

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: SW, TGT / ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1145	SAMPLING ENDED AT: 1150
PUMP OR TUBING DEPTH IN WELL (feet): 25.5	SAMPLE PUMP FLOW RATE (mL per minute): <100 (MPS 4/14/03)	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW40	3	CG	40ml	HCl	40ml	—	8260B+8260SIM	RFPP

REMARKS:
piezometer Removed @ 1125 Replaced @ 1152

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast	SITE LOCATION: Seasota, FL	
WELL NO: MW-41	SAMPLE ID: MW-41	DATE: 1-31-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 35.5 feet to 40.5 feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 43.5 feet) + 0.5 gallons = 0.6 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 38	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 38	PURGING INITIATED AT: 1042	PURGING ENDED AT: 1107 (NO GATOR AT)	TOTAL VOLUME PURGED (gallons): 2.0

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1058	1.28	1.28	0.08	9.89	6.74	29.74	1070	1.00	4.19	clear	NONE	-145
1101	0.24	1.52	0.08	9.89	6.73	29.74	1105	0.75	1.50	clear	NONE	-140
1104	0.24	1.76	0.08	9.89	6.72	29.68	1121	0.71	1.79	clear	NONE	-150
1107	0.24	2.0	0.08	9.89	6.72	29.72	1131	0.68	1.24	clear	NONE	-138

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: SWTH / ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1108	SAMPLING ENDED AT: 1111
PUMP OR TUBING DEPTH IN WELL (feet): 38	SAMPLE PUMP FLOW RATE (mL per minute): <100 (MDS 9/14/08)	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-41	3	CG	40ml	HCl	40ml	—	8260+8260SIM	RFPP

REMARKS:
Pizometer pulled @ 1032 Replaced @ 1116

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast	SITE LOCATION: Sarasota, FL	
WELL NO: MW-42	SAMPLE ID: MW-42	DATE: 2-1-08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 23 feet to 28 feet	STATIC DEPTH TO WATER (feet): 5.40	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 31 feet) + 0.25 gallons = .33 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 25.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 25.5	PURGING INITIATED AT: 10:33	PURGING ENDED AT: 1050 (MDS 4/14/08)	TOTAL VOLUME PURGED (gallons): 1.7 (MDS 4/14/08)

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/l or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
1038	.5	.5	0.1	7.53	5.06	30.36	.870	1.69	1.49	clear	none	-15
1041	.3	.8	0.1	7.51	5.04	30.40	.877	1.34	2.68	clear	none	-19
1044	.3	1.1	0.1	7.51	5.04	30.18	.898	1.12	1.74	clear	none	-21
10:47	.3	1.4	0.1	7.51	5.04	30.11	.881	1.15	.93	clear	none	-23
10:50	.3	1.7	0.1	6.78	5.03	30.11	.882	1.16	1.03	clear	none	-26

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: ~~SKUTH~~ / ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 10:51	SAMPLING ENDED AT: 10:56
PUMP OR TUBING DEPTH IN WELL (feet): 25.5	SAMPLE PUMP FLOW RATE (mL per minute): 100 (MDS 4/14/08)	TUBING MATERIAL CODE: T	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-42	3	CG	40ml	HCl	40ml	—	8260B 8260SIM	RFPP

REMARKS: Pulled transducer @ 1030 Replaced at 1102

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast	SITE LOCATION: Sarasota, FL	
WELL NO: MW-43	SAMPLE ID: MW-43	DATE: 2-1-08

PURGING DATA

MDS 4/14/08

WELL DIAMETER (inches):	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 35 feet to 40.5 feet	STATIC DEPTH TO WATER (feet): 10.03	PURGE PUMP TYPE OR BAILER: PP (MDS 4/14/08)

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 43.5 feet) + 0.25 gallons = 0.3 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 38	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 38	PURGING INITIATED AT: 1035	PURGING ENDED AT: 1057 (MDS 4/14/08)	TOTAL VOLUME PURGED (gallons): 2.2 (MDS 4/14/08)

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
10:42	.7	.7	0.1	10.25	6.25	28.95	1.53	1.15	.81	clear	none	-134
10:45	.3	1.0	0.1	10.26	6.29	28.95	1.46	1.00	1.03	clear	none	
10:48	.3	1.3	0.1	10.25	6.3	28.93	1.45	.99	.93	clear	none	-146
10:51	.3	1.6	0.1	10.25	6.34	28.96	1.40	.63	1.04	clear	none	-154
10:54	.3	1.9	0.1	10.25	6.41	28.92	1.35	.47	1.0	clear	none	-157
10:57	.3	2.2	0.1	10.25	6.42	28.93	1.33	.45	1.03	clear	none	

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLER(S) NAME (PRINT) / AFFILIATION: ~~Stafford~~ RECAOS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 10:58	SAMPLING ENDED AT: 11:03
PUMP OR TUBING DEPTH IN WELL (feet): 38	SAMPLE PUMP FLOW RATE (mL per minute): <100 (MDS 4/14/08)	TUBING MATERIAL CODE: T	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm Filtration Equipment Type:	DUPLICATE: (Y) ~~N~~	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-43	3	CG	40ml	HCl	40 ml	—	8260 8260 SIM	RFPP
Dup-31	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 4/14/08)

REMARKS: pulled transducer @ 1032 / re-inserted @ 10:59 / Dup 31 taken

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Former ABC	SITE LOCATION:	Tallevast	
WELL NO:	MW-44	SAMPLE ID:	MW-44	DATE: 1-28-08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	142 feet to 152 feet	18.9	PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (152 feet – 18.9 feet) X .16 gallons/foot = 148.9 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (.0026 gallons/foot X 155 feet) + .25 gallons = .65 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
152	148	12:39	13:12	3.4

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
12:49	1.0	1.0	0.1	23.8	7.52	25.01	.537	.62	29.4	clear	none	-256
12:52	.3	1.3	0.1	24.69	7.52	24.99	.535	.66	618.0	cloudy	none	-268
12:55	.3	1.6	0.1	24.83	7.51	24.89	.535	.71	533.0	cloudy	none	-272
12:58	.3	1.9	0.1	25.13	7.51	24.97	.535	.71	458.0			-273
13:01	.3	2.2	0.1	25.79	7.5	24.95	.537	.68	392.0			-279
13:04	.3	2.5	0.1	25.80	7.5	24.97	.539	.65	278.0			-280
13:07	.3	2.8	0.1	25.8	7.49	25.02	.540	.64	225.0			-280
13:10	.3	3.1	0.1	25.83	7.49	24.99	.541	.62	219.0			-281
13:13	.3	3.4	0.1	25.88	7.5	24.99	.540	.62	218.5			-282

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Darrin Johnson	Darrin Johnson	13:14	13:19
PUMP OR TUBING DEPTH IN WELL (feet): 148 MDS 4/14/08	SAMPLE PUMP FLOW RATE (mL per minute): 0.1	TUBING MATERIAL CODE: T	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-44	3	CG	40ml	HCl	—	—	8260	RFPP

MDS 4/14/08

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Former ABC	SITE LOCATION: Tallevast	
WELL NO: MW-45	SAMPLE ID: MW-45	DATE: 1-29-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 150 feet to 160 feet	STATIC DEPTH TO WATER (feet): 19.04	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (.0026 gallons/foot X 153 feet) + .25 gallons = 0.65 gallons

MDS 4/14/08

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 13:10	PURGING ENDED AT: 13:47	TOTAL VOLUME PURGED (gallons): 3.6

MDS 4/14/08

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
13:40	3.0	3.0	0.1	26.15	7.94	26.25	.670	1.32	257	cloudy	none
13:43	0.3	3.3	0.1	26.40	7.94	26.38	.669	1.25	255	cloudy	none
13:47	0.3	3.6	0.1	26.68	7.95	26.35	.672	1.22	249	cloudy	none

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Darrin Johnson	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 13:48	SAMPLING ENDED AT: 13:53
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): < 100 MDS 4/14/08	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-45	3	CG	40ml	HCl	—	—	8260	RFPP

MDS 4/14/08

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ ~~Turbidity: all readings ≤ 20 NTU, optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Former ABC Facility	SITE LOCATION:	Tallevast, FL	
WELL NO:	MW-46	SAMPLE ID:	MW-46	DATE: 1·31·08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 290 feet to 300 feet	STATIC DEPTH TO WATER (feet): 15.1	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + 0.0026 gallons/foot X 300 feet) + 0.25 gallons = 1.03 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 280	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 280	PURGING INITIATED AT: 9:33	PURGING ENDED AT: 10:05	TOTAL VOLUME PURGED (gallons): 3.2

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
9:45	1.2	1.20	0.1	16.7	7.77	23.6	2.88	0.47	130	slt. turbid	none	-309
9:50	0.5	1.70	0.1	16.7	7.65	23.68	1.46	0.47	50	"	"	-309
9:55	0.5	2.2	0.1	17.5	7.65	23.7	0.628	0.41	6	"	"	-315
10:00	0.5	2.7	0.1	17.5	7.62	23.8	0.620	0.39	2	"	"	-316
10:05	0.5	3.2	0.1	17.7	7.61	23.9	0.619	0.38	2	"	"	-316

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Micah Forbes / ARCADIS	MDS 9/14/08	10:06	10:10

PUMP OR TUBING DEPTH IN WELL (feet): 280 MDS 9/14/08	SAMPLE PUMP FLOW RATE (mL per minute): 100 MDS 9/14/08	TUBING MATERIAL CODE:
FIELD DECONTAMINATION: Y N	FIELD-FILTERED: Y N FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-46	3	CG	40ml	HCl	—	—	8260	RFPP
Dup-27	3	CG	40ml	HCl	—	—	8260	RFPP

MDS 9/14/08

REMARKS:
collect Dup-27 here

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU, optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast	SITE LOCATION: Sarasota, FL	
WELL NO: MW-47	SAMPLE ID: MW-47	DATE: 1-30-09

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 22 feet to 27 feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 30 feet) + 0.5 gallons = 0.58 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 24.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 24.5	PURGING INITIATED AT: 1631	PURGING ENDED AT: 1700 (MDS 2/11/09)	TOTAL VOLUME PURGED (gallons): 2.03 (MDS 2/11/09)

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1648	1.19	1.19	0.07	5.99	6.68	25.34	807	0.89	11.7	clear	yes	-168
1651	0.21	1.4	0.07	6.00	6.67	25.32	815	0.72	7.44	clear	yes	-171
1654	0.21	1.61	0.07	6.01	6.68	25.31	822	0.65	5.87	clear	yes	-186
1657	0.21	1.82	0.07	6.01	6.69	25.31	822	0.63	5.58	clear	yes	-202
1700	0.21	2.03	0.07	6.02	6.72	25.33	819	0.60	2.37	clear	yes	-219

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: SW, TH / ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1701 TH 1501	SAMPLING ENDED AT: 1705 TH 1505
PUMP OR TUBING DEPTH IN WELL (feet): 30 24.5	SAMPLE PUMP FLOW RATE (mL per minute): ≤100	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) Filtration Equipment Type: FILTER SIZE: ____ µm	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-47	3	CG	40ml	HCl	40ml	—	8260B+8260BSIM	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast	SITE LOCATION: Sarasota, FL	
WELL NO: MW-48	SAMPLE ID: MW-48	DATE: 1/30/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 33.5 feet to 38.5 feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 43.5 feet) + 0.5 gallons = 0.61 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 36	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 36	PURGING INITIATED AT: 1135	PURGING ENDED AT: 1158	TOTAL VOLUME PURGED (gallons): 2.07

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/l or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1149	1.26	1.26	0.09	10.92	6.61	26.58	1201	0.67	2.58	clear	NO	-163
1152	0.27	1.53	009	10.93	6.62	26.55	1203	0.55	2.47	clear	NO	-179.4
1155	0.27	1.80	0.09	10.91	6.60	26.57	1204	0.51	2.42	clear	NO	-193.7
1158	0.27	2.07	0.09	10.92	6.60	26.54	1205	0.48	2.36	clear	NO	-197.5

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: S. Wells, T. Hollingsworth / Accais	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1200	SAMPLING ENDED AT: 1206
PUMP OR TUBING DEPTH IN WELL (feet): 36	SAMPLE PUMP FLOW RATE (mL per minute): ≤ 100	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-48	3	CG	40ml	HCl	40 mL	—	8260B + 8260SIM	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Tallevast	SITE LOCATION:	Sarasota FL (MDS 4/14/08)	
WELL NO:	MW-49	SAMPLE ID:	MW-49	DATE: 1/23/08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	146 feet to 156 feet	18.45	Geopump (PP)

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (0.0026 gallons/foot X 159 feet) + .25 gallons = 0.66 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
151	151	1046	1136	2.50

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (umhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
40 1126	2.00	2.00	0.05	27.10	7.3	24.7	.592	0.4	190	Cloudy	yes	-253
1128	.10	2.10	0.05	27.16	7.3	24.7	.593	0.4	97.9	Slightly Cloudy	yes	-254
1130	.10	2.20	0.05	27.21	7.3	24.7	.593	0.4	67.8	Slightly Cloudy	yes	-256
1132	.10	2.30	0.05	27.25	7.4	24.7	.592	0.4	52.9	Slightly Cloudy	yes	-257
1134	.10	2.40	0.05	27.28	7.4	24.7	.593	0.4	50.1	Slightly Cloudy	yes	-259
1136	.10	2.50	0.05	27.31	7.4	24.7	.593	0.4	48.8	Slightly Cloudy	yes	-261

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
BRIDGET STAHL/ARCADIS	Bridget Stahl	1138	1141

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE:
151	~ 190	

FIELD DECONTAMINATION: (Y) N
FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm
Filtration Equipment Type: ____
DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
mw-49	3	CG	40mL	HCL	40mL	—	8260	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

EB-1715

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast (MDS 4/14/08)		SITE LOCATION: Sarasota FL (MDS 4/14/08)	
WELL NO: MW-50	SAMPLE ID: MW-50	DATE: 1/28/08	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: 245 feet to 255 feet	STATIC DEPTH TO WATER (feet): 15.61	PURGE PUMP TYPE OR BAILER: Peristaltic (2) *

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 255 feet) + 0.25 gallons = 0.91 gallons (MDS 4/14/08)

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 11:35	PURGING ENDED AT: 12:30 (MDS 4/14/08)	TOTAL VOLUME PURGED (gallons): 77 (MDS 4/14/08)

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1140	0.5	0.5	0.1	17.29	7.66	25.33	0.683	1.22 0.683	828	gray	–	-282
1145	0.5	1.0	0.1	17.69	7.68	25.21	0.697	1.62	60.5	gray	–	-297
1155	1.0	2.0	0.1	17.82	7.70	25.95	0.696	0.91	>999	gray	–	-339
1200	0.5	2.5	0.1	18.00	7.68	25.99	0.696	0.90	155	gray	–	-347
1205	0.5	3.0	0.1	18.18	7.68	25.38	0.697	1.05	76.0	gray	–	-334
1210	0.5	3.5	0.1	18.22	7.67	25.31	0.694	1.75	88.3	gray	–	-319
1215	0.5	4.0	0.1	18.25	7.65	25.67	0.696	0.96	812	gray	–	-343
1225	1.0	5.0	0.1	18.27	7.65	25.96	0.696	0.91	1559	gray	–	-362
1230	0.5	5.5	0.1	18.27	7.64	25.82	0.696	0.91	1318	gray	–	-364
1235	0.5	6.0	0.1	18.27	7.64	25.78	0.698	0.99	1058	gray	–	-361

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Nathan Smith	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1313	SAMPLING ENDED AT: 1318
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): <100 (MDS 4/14/08)	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: Y N (MDS 4/14/08)	FIELD-FILTERED: Y (N) FILTER SIZE: µm Filtration Equipment Type: (MDS 4/14/08)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-50	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 4/14/08)

REMARKS: * Ran 2 pumps in series.

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

page 2 of 2

SITE NAME:		SITE LOCATION:	
WELL NO: MW-50	SAMPLE ID: MW-50	DATE: 1/28/08	

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

See Page 1

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1240	0.5	6.5	0.1	18.27	7.63	25.95	0.698	0.92	903	gray	—	-363
1245	0.5	7.0	0.1	18.27	7.63	25.45	0.699	1.07	774	gray	—	-361
1250	0.25	7.25	0.05	18.27	7.63	25.67	0.699	0.93	145	light gray	—	-366
1255	0.25	7.5	0.05	18.27	7.63	25.82	0.699	0.99 (1.73)	153	clearing up	—	-352
1258		7.5	0.05	18.27	7.63	25.88	0.699	0.96	161	" "	—	-367
1301				18.27	7.63	25.69	0.698	0.93	146	" "		-368
1304				18.27	7.63	25.83	0.700	0.91	168	" "		-378
1307				18.27	7.63	25.82	0.700	0.91	160	" "		-371
1310				18.27	7.63	25.63	0.698	0.91	165	" "		-371
1313 → Sampled at 1313 ←												

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: Y N	FIELD-FILTERED: Y N FILTER SIZE: ____ µm Filtration Equipment Type: ____	DUPLICATE: Y N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

MDS 4/14/08

SITE NAME: Tallevast (MDS 4/14/08)	SITE LOCATION: Sarasota FL (MDS 4/14/08)
WELL NO: MW-51	SAMPLE ID: MW-51
DATE: 1/28/08	

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/4"	WELL SCREEN INTERVAL DEPTH: 261.6 feet to 271.6 feet	STATIC DEPTH TO WATER (feet): 12.77	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 271.6 feet) + 0.25 gallons = 0.96 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: ~~3:20~~ 4:06	PURGING ENDED AT: 4:30	TOTAL VOLUME PURGED (gallons): 2.2

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
4:10	0.8	0.8	~~0.1~~ 0.1	17.64	7.26	22.36	0.301	2.63	36.2	clear	—	-159
4:15	0.5	1.0	0.1	18.67	7.27	22.17	0.302	2.22	23.7	clear	—	-167
4:18	0.3	1.3	0.1	19.51	7.17	22.16	0.302	2.17	14.6	clear	—	-168
4:21	0.3	1.6	0.1	20.49	7.16	21.90	0.302	2.11	15.1	clear	—	-167
4:24	0.3	1.9	0.1	20.99	7.15	22.02	0.306	2.13	16.7	clear	—	-166
4:27	0.7	2.2	0.1	22.10	7.16	21.68	0.313	2.03	8.45	clear	—	-168
4:30	—	—	—	—	sampled @ 16:36	—	—	—	—	—	—	—

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: NATHAN P SMITH	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 4:30	SAMPLING ENDED AT: 4:40
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): <100 (MDS 4/14/08)	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N (MDS 4/14/08)	FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm; Filtration Equipment Type: (MDS 4/14/08)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-51	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 4/14/08)

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

928
1995

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Former ABC Facility		SITE LOCATION: Tallevast, FL	
WELL NO: MW-52	SAMPLE ID: MW-52		DATE: 1-28-08

PURGING DATA

WELL DIAMETER (inches): 2 4	TUBING DIAMETER (inches): 1/4 4	WELL SCREEN INTERVAL DEPTH: 147 feet to 157 feet	STATIC DEPTH TO WATER (feet): 15.53	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 157 feet) + 0.25 gallons = .66 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 11:06	PURGING ENDED AT: 1137	TOTAL VOLUME PURGED (gallons): 3.1

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
1116	1.0	1.0	0.1	19.46	9.55	23.75	0.277	0.60	6.53	grey	none noted	-250
1119	0.3	1.3		19.72	9.46	23.71	0.287	0.57	7.37			-254
1122		1.6		19.88	9.26	23.74	0.297	0.55	8.12			-259
1125		1.9		19.98	9.16	23.74	0.305	0.54	8.07			-262
1128		2.2		20.06	9.08	23.76	0.313	0.52	8.78			-264
1131		2.5		20.30	8.79	23.65	0.346	0.45	11.29			-270
1134		2.8		20.40	8.74	23.79	0.350	0.43	12.20			-272
1137		3.1		20.48	8.68	23.68	0.359	0.41	14.60			-273

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MDS 4/14/08 ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1138	SAMPLING ENDED AT: 1140
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): <100 MDS 4/14/08	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-52	3	CG	40mL	HCl	—	—	8260	RFPP

MDS 4/14/08

REMARKS: Transducer removed @ 11:04 Pumping stopped 1145 Transducer Replaced 1148

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **~~Turbidity:~~** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

2 gallons removed

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tellepsen		SITE LOCATION: Sarasota FL	
WELL NO: MW-53	SAMPLE ID: MW-53		DATE: 1/28/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 141 feet to 151 feet	STATIC DEPTH TO WATER (feet): 16.19	PURGE PUMP TYPE OR BAILER: (pp) geopump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (1.00)
(only fill out if applicable)
= gallons + (0.0026 gallons/foot X 160 feet) + 0.50 gallons = 0.91 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~146	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~146	PURGING INITIATED AT: 1145	PURGING ENDED AT: 1206	TOTAL VOLUME PURGED (gallons): 1.89

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
12 1157	1.08	1.08	0.09	21.33	7.46	24.69	620	0.45	42.4	clear	yes	-246
1200	0.27	1.35	0.09	22.31	7.45	24.81	632	0.42	79.4	clear	yes	-252
1203	0.27	1.62	0.09	22.72	7.45	24.81	631	0.41	79.0	clear	yes	-253
1206	0.27	1.89	0.09	22.77	7.45	24.69	635	0.42	80.5	clear	yes	-253

Neil Smith 1/28/08

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1210	SAMPLING ENDED AT: 1215
Neil Smith / ARCADIS	Neil Smith		
PUMP OR TUBING DEPTH IN WELL (feet): ~146	SAMPLE PUMP FLOW RATE (mL per minute): ~100	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: Y N	FIELD-FILTERED: Y N Filtration Equipment Type:	FILTER SIZE: ____ µm	DUPLICATE: Y N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-53	3	CG	40ml	HCl	—	< 2	8260B + 8260	RFPP

REMARKS:
Dup-17

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tetrevent	SITE LOCATION: Sarasota, FL	
WELL NO: MW-54	SAMPLE ID: MW-54	DATE: 1/28/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 145 feet to 155 feet	STATIC DEPTH TO WATER (feet): 15.15	PURGE PUMP TYPE OR BAILER: pp geopump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (1.00)
(only fill out if applicable)
= gallons + (0.0026 gallons/foot X 160 feet) + 0.50 gallons = 0.31 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~150	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~150	PURGING INITIATED AT: 1050	PURGING ENDED AT: 1108	TOTAL VOLUME PURGED (gallons): 2.16

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
1059	1.08	1.08	0.12	17.36	7.52	22.93	659	0.55	3.30	clear	yes	ORP
~~1102~~	0.36	1.44	0.12	17.44	7.52	22.87	659	0.54	2.42	clear	yes	-248
1105	0.36	1.80	0.12	17.46	7.52	22.97	660	0.48	2.96	clear	yes	-252
1108	0.36	2.16	0.12	17.49	7.52	22.94	659	0.49	2.35	clear	yes	-257
												-266

Neil Smith 1/28/08

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Neil Smith / ARCADIS	SAMPLER(S) SIGNATURES: Neil Smith	SAMPLING INITIATED AT: 1109	SAMPLING ENDED AT: 1115
PUMP OR TUBING DEPTH IN WELL (feet): ~150	SAMPLE PUMP FLOW RATE (mL per minute): ≤ 100	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: Y N	FIELD-FILTERED: Y N Filtration Equipment Type: ____ FILTER SIZE: ____ µm	DUPLICATE: Y N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-54	3	CG	40ml	HCl	–	<2	8260B-1826SM	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

1.83

SITE NAME: Tallevast	SITE LOCATION: Tallevast FL	
WELL NO: MW-55	SAMPLE ID: MW-55	DATE: 1/25/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 127 feet to 137 feet	STATIC DEPTH TO WATER (feet): 16.83	PURGE PUMP TYPE OR BAILER: Geopump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 140 feet) + 0.25 gallons = ~~0.614~~ 0.61 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 132	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 132	PURGING INITIATED AT: 0816	PURGING ENDED AT: 0839	TOTAL VOLUME PURGED (gallons): 2.53

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
17 0833	1.87	1.87	.11	20.00	10.24	23.5	.477	.49	7.68	clear	yes	-324
0835	0.22	2.09	0.11	20.10	9.69	23.6	.400	.47	5.36	clear	yes	-323
0837	0.22	2.31	0.11	20.10	9.57	23.6	.396	.46	5.17	clear	yes	-323
0839	0.22	2.53	0.11	20.10	9.42	23.6	.395	.47	4.86	clear	yes	-323

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jennifer King/ARCADIS	SAMPLER(S) SIGNATURES: Jennifer King	SAMPLING INITIATED AT: 0842	SAMPLING ENDED AT: 0855
PUMP OR TUBING DEPTH IN WELL (feet): 132	SAMPLE PUMP FLOW RATE (mL per minute): ~~400~~ 416	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-55	3	CG	40ml	HCl	—	—	8260	RFPP
DUP-1a	3	CG	40ml	HCl	—	—	8260	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU, optionally ± 5 NTU or ± 10% (whichever is greater)~~

Form FD 9000-24

GROUNDWATER SAMPLING LOG

1.98

SITE NAME: TALLEVAST	SITE LOCATION: TALLEVAST, FL	
WELL NO: MW-56	SAMPLE ID: MW-56	DATE: 1-29-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 145 feet to 155 feet	STATIC DEPTH TO WATER (feet): 15.43	PURGE PUMP TYPE OR BAILER: PP Geo Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 158 feet) + .25 gallons = .66 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 150	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 150	PURGING INITIATED AT: 1525	PURGING ENDED AT: 1550	TOTAL VOLUME PURGED (gallons): 2.75

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1544	2.09	2.09	.11	18.04	7.75	24.4	.258	0.57	25.0	clear	yes	-243
1546	.22	2.31	.11	18.05	7.76	24.4	.251	0.56	19.9	clear	yes	-247
1548	.22	2.53	.11	18.10	7.76	24.4	.255	0.55	18.9	clear	yes	-249
1550	.22	2.75	.11	18.10	7.77	24.4	.258	0.55	18.1	clear	yes	-252

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Bridget STAHL/ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1551	SAMPLING ENDED AT: 1557
PUMP OR TUBING DEPTH IN WELL (feet): 150	SAMPLE PUMP FLOW RATE (mL per minute): ~430	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW56	3	CG	40ml	HCl	40ml	—	8260	RFPP

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: **all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater)** Turbidity: **all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)**

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Tallevast	SITE LOCATION:	Tallevast, FL	
WELL NO:	MW-57	SAMPLE ID:	MW-57	DATE: 1/30/08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	136 feet to 146 feet	18.43	Geopump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 149 feet) + 0.25 gallons = 0.64 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
141	141	0857	0921	2.64

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
0915	1.98	1.98	0.11	20.31	10.3	25.0	.448	0.6	14.3	Clear	NONE	-255
0917	0.22	2.20	0.11	20.35	10.2	25.0	.445	0.7	12.2	Clear	NONE	-256
0919	0.22	2.42	0.11	20.37	10.2	25.0	.445	0.7	12.2	Clear	NONE	-259
0921	0.22	2.64	0.11	20.38	10.1	25.0	.441	0.6	9.49	Clear	NONE	-258

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
BRIDGET STAHL/ARCADIS	Bridget Stahl	0922	0930

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE:
141	~420	

FIELD DECONTAMINATION: (Y) N
FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm
Filtration Equipment Type:
DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-57	3	CG	40ml	HCl	—	—	8260	RFPP

REMARKS: missing 2 bottles

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; S = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; PP = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

1.95

SITE NAME: TALLEVAST	SITE LOCATION: TALLEVAST, FL	
WELL NO: MW-58	SAMPLE ID: MW-58	DATE: 1-30-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 140 feet to 150 feet	STATIC DEPTH TO WATER (feet): 19.30	PURGE PUMP TYPE OR BAILER: PP & Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 153 feet) + .25 gallons = 0.65 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 145	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 145	PURGING INITIATED AT: 1402	PURGING ENDED AT: 1423	TOTAL VOLUME PURGED (gallons): 2.73

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/l or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1417	1.95	1.95	0.13	22.25	7.5	25.3	.517	0.4	16.0	clear	yes	-201
1419	0.26	2.21	0.13	22.26	7.5	25.2	.515	0.4	15.1	clear	yes	-201
1421	0.26	2.47	0.13	22.28	7.5	25.2	.514	0.4	14.5	clear	yes	-201
1423	0.26	2.73	0.13	22.30	7.5	25.2	.517	0.4	8.70	clear	yes	-203

15

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: BRIDGET STAHL/ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1424	SAMPLING ENDED AT: 1436
PUMP OR TUBING DEPTH IN WELL (feet): 145	SAMPLE PUMP FLOW RATE (mL per minute): 490	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm	DUPLICATE: (Y) N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-58	3	CG	40ml	HCl	40ml	—	8260	RFPP
Dup23	3	CG	40ml	HCl	40ml	—	8260	RFPP

REMARKS:
missing 1 bolt

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

1-95

SITE NAME: Tallevast	SITE LOCATION: Tallevast, FL	
WELL NO: MW-59	SAMPLE ID: MW-59	DATE: 1/28/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 140 feet to 150 feet	STATIC DEPTH TO WATER (feet): 1.85	PURGE PUMP TYPE OR BAILER: Geopump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)

= 0 gallons + (0.0026 gallons/foot X 153 feet) + 0.25 gallons = 0.65 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 145	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 145	PURGING INITIATED AT: 1211	PURGING ENDED AT: 1232	TOTAL VOLUME PURGED (gallons): 2.73 (MDS 4/14/08)

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
15												
1226	1.95	1.95	0.13	21.01	8.29	24.6	0.40	0.51	56.0	cloudy	yes	-315
1228	0.26	2.21	0.13	21.19	8.24	24.7	0.476	0.50	51.1	cloudy	yes	-311
1230	0.26	2.47	0.13	21.26	8.15	24.6	0.479	0.50	46.3	cloudy	yes	-310
1232	0.26	2.73	0.13	21.35	8.07	24.6	0.482	0.49	39.6	"	yes	-310

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jennifer King / ARCADIS	SAMPLER(S) SIGNATURES: Jennifer King	SAMPLING INITIATED AT: 1235	SAMPLING ENDED AT: 1240
PUMP OR TUBING DEPTH IN WELL (feet): 145	SAMPLE PUMP FLOW RATE (mL per minute): 490	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-59	3	CG	40ml	HCl	—	—	8260	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

1,98

SITE NAME: TALLEVAST	SITE LOCATION: TALLAVAST, FL	
WELL NO: MW-60	SAMPLE ID: MW-60	DATE: 1-28-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 145 feet to 155 feet	STATIC DEPTH TO WATER (feet): 18.08	PURGE PUMP TYPE OR BAILER: DP Geo Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 158 feet) + .25 gallons = 0.66 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 150	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 150	PURGING INITIATED AT: 1600	PURGING ENDED AT: 1622	TOTAL VOLUME PURGED (gallons): 2.86

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1616	2.08	2.08	0.13	21.35	7.27	24.1	.527	0.49	2.71	clear	yes
1618	0.26	2.34	0.13	21.45	7.32	24.2	.527	0.47	3.06	clear	yes
1620	0.26	2.60	0.13	21.55	7.33	24.2	.527	0.48	3.61	clear	yes
1622	0.26	2.86	0.13	21.64	7.34	24.2	.528	0.47	4.54	clear	yes

16 ORP: 1616 -270; 1618 -275; 1620 -278; 1622 -281

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jennifer King/ARCADIS	SAMPLER(S) SIGNATURES: Jennifer King	SAMPLING INITIATED AT: 1624	SAMPLING ENDED AT: 1627
PUMP OR TUBING DEPTH IN WELL (feet): 150	SAMPLE PUMP FLOW RATE (mL per minute): ~ 490	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-60	3	CG	40ml	HCl	40mL	—	8260	RFPP

REMARKS: missing 1 bolt

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast (MDS 4/14/08)		SITE LOCATION: Sarasota FL (MDS 4/14/08)	
WELL NO: MW-61	SAMPLE ID: MW-61	DATE: 1/30/08	

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/4"	WELL SCREEN INTERVAL DEPTH: 135 feet to 145 feet	STATIC DEPTH TO WATER (feet): 17.39	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 145 feet) + .25 gallons = 0.63 gallons (MDS 4/14/08)

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
140	140	0930	0953 (MDS 4/14/08)	

TIME (MDS 4/14/08)	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons) (MDS 4/14/08)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
0935	0.5	0.5	0.1	19.40	7.4	25.5	.55	4.8	8.63	clear	none	160
0938				20.22	7.3	25.7	.59	3.3	5.92			138
0941				21.59	7.4	25.7	.59	3.3	4.14			131
0944				22.82	7.4	25.8	.60	3.1	11.9			97
0947				24.01	9.3	25.8	.49	2.9	12.6			72
0950				24.37	9.2	25.8	.48	2.9	10.51			72
0953				24.69	9.2	25.8	.47	2.9	9.68	↓	↓	69
0956	→	Sampled @	0956	←								

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Kasey Cornwell / ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 0956	SAMPLING ENDED AT: 1000
PUMP OR TUBING DEPTH IN WELL (feet): 140 (MDS 4/14/08)	SAMPLE PUMP FLOW RATE (mL per minute): 100 (MDS 4/14/08)	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N (MDS 4/14/08)	FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm Filtration Equipment Type: (MDS 4/14/08)	DUPLICATE: (Y) N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-61	3	CG	40ml	HCl	—	—	8260	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Tellevast	SITE LOCATION:	Sarasota, FL
WELL NO:	MW-62	SAMPLE ID:	MW-62
DATE:	1/31/08		

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH: 18 feet to 23 feet	STATIC DEPTH TO WATER (feet): 3.76	PURGE PUMP TYPE OR BAILER: (PP) geopump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (0.0026 gallons/foot X 25 feet) + 0.25 (0.14) gallons = 0.315 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~21	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~21	PURGING INITIATED AT: 1005	PURGING ENDED AT: 1018	TOTAL VOLUME PURGED (gallons): 1.30

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/c m or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1009	0.40	0.40	0.10	3.89	6.02	23.52	0.572	1.10	18.1	clear	yes	-111
1012	0.30	0.70	0.10	3.91	5.97	23.65	0.551	0.89	6.4	clear	yes	-109
1015	0.30	1.00	0.10	3.91	5.90	23.77	0.541	0.73	5.9	clear	yes	-106
1018	0.30	1.30	0.10	3.91	5.90	23.79	0.527	0.74	3.6	clear	yes	-106

1/31/08

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1020	SAMPLING ENDED AT: 1025
Neil Smith ARCADIS			
PUMP OR TUBING DEPTH IN WELL (feet): ~21	SAMPLE PUMP FLOW RATE (mL per minute): <100	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: Y / N	FIELD-FILTERED: Y / N Filtration Equipment Type: FILTER SIZE: ___ µm	DUPLICATE: Y / N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-62	3	CG	40ml	HCl	–	<2	8260B/8260B	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Tellevast	SITE LOCATION:	Sarasota, FL	
WELL NO:	MW-63	SAMPLE ID:	MW-63	DATE: 1/31/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 25 feet to 30 feet	STATIC DEPTH TO WATER (feet): 3.10	PURGE PUMP TYPE OR BAILER: (PP) geopump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (0.0026 gallons/foot X 32 feet) + 0.25 (0.40) gallons = 0.33 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~27	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~27	PURGING INITIATED AT: 0935	PURGING ENDED AT: 0948	TOTAL VOLUME PURGED (gallons): 1.30

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/c ~~mS~~ µS/cm)	DISSOLVED OXYGEN (circle mg/l or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
0939	0.40	0.40	0.10	3.45	7.15	23.35	0.791	3.85	5.21	clear	yes	-222
0942	0.30	0.70	0.10	3.45	7.16	23.35	0.793	3.86	3.34	clear	yes	-214
0945	0.30	1.00	0.10	3.45	7.16	23.46	0.798	3.88	9.25	clear	yes	-210
0948	0.30	1.30	0.10	3.45	6.98	23.49	0.810	3.84	4.1	clear	yes	-203

Neil Smith 1/31/08

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Neil Smith / ARCADIS	SAMPLER(S) SIGNATURES: Neil Smith	SAMPLING INITIATED AT: 0950	SAMPLING ENDED AT: 0955
PUMP OR TUBING DEPTH IN WELL (feet): ~27	SAMPLE PUMP FLOW RATE (mL per minute): <100	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: Y / N	FIELD-FILTERED: Y N Filtration Equipment Type: ____ FILTER SIZE: ____ µm	DUPLICATE: Y N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-63	3	CG	40ml	HCl	—	<2	8260B full list	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Former ABC	SITE LOCATION: Tallevast	
WELL NO: MW-64	SAMPLE ID: MW-64	DATE: 1-28-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 25 feet to 30 feet	STATIC DEPTH TO WATER (feet): 2.94	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (30 feet – 2.94 feet) X .16 gallons/foot = 4.32 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (.0026 gallons/foot X 33 feet) + .25 gallons = .34 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 30	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 27.5	PURGING INITIATED AT: 11:37	PURGING ENDED AT: 11:59	TOTAL VOLUME PURGED (gallons): 2.2 (MDS 4/14/08)

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
11:47	1.0	1.0	0.1	3.65	4.89	24.93	.208	3.8	5.04	clear	none	91
11:50	0.3	1.3	0.1	3.65	4.98	25.04	.199	3.51	5.20			40
11:53	0.3	1.6	0.1	3.60	5.09	24.95	.202	3.37	5.22			13
11:56	0.3	1.9	0.1	3.58	5.10	24.89	.200	3.34	5.21			
11:59	0.3	2.2	0.1	3.56	5.11	24.86	.199	3.33	5.20	V	V	13

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Darrin Johnson	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 12:00	SAMPLING ENDED AT: 12:05
PUMP OR TUBING DEPTH IN WELL (feet): 27.5 (MDS 4/14/08)	SAMPLE PUMP FLOW RATE (mL per minute): <100 (MDS 4/14/08)	TUBING MATERIAL CODE: T	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-64	3	CG	40ml	HCl	—	—	8260	RFPP	(MDS 4/14/08)

REMARKS: need new J-plug

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast (MDS 4/14/08)	SITE LOCATION: Sarasota FL (MDS 4/14/08)	
WELL NO: MW-65	SAMPLE ID: MW-65	DATE: 1/28/08

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 19 feet to 24 feet	STATIC DEPTH TO WATER (feet): 3.51	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= Ø gallons + (0.0026 gallons/foot X 24 feet) + .25 gallons = 0.31 gallons (MDS 4/14/08)

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 22	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 22	PURGING INITIATED AT: 0955	PURGING ENDED AT: 1009	TOTAL VOLUME PURGED (gallons): 1.4 (MDS 4/14/08)

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1000	0.5	0.5	6.1	4.75	6.2	18.2	50	4.9	15.7	clear	none	234
1003	0.3	0.8	↓	6.10	6.5	19.3	48	4.1	17.2	↓	↓	216
1006	0.3	1.1	↓	7.11	6.5	19.1	48	4.1	15.1	↓	↓	206
1009	0.3	1.4	↓	7.15	6.5	19.2	47	4.1	11.6	↓	↓	195
1012	→ Sampled @ 1012 ←											
	(MDS 4/14/08)	(MDS 4/14/08)										

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: KLC / ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1012	SAMPLING ENDED AT:
PUMP OR TUBING DEPTH IN WELL (feet): 22	SAMPLE PUMP FLOW RATE (mL per minute): <100 (MDS 4/14/08)	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-65	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 4/14/08)

REMARKS:
*initial purge clear no odor.

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

- needs 2 Boits

Revision Date: February 1, 2004

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: TALLEVAST	SITE LOCATION: Sarasota FL (MLS 4/14/08)	
WELL NO: MW-66	SAMPLE ID: MW-66	DATE: 1-23-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 18.5 feet to 23.5 feet	STATIC DEPTH TO WATER (feet): 3.68	PURGE PUMP TYPE OR BAILER: PP Geo Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 25.5 feet) + .25 gallons = 0.32 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 21	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 21	PURGING INITIATED AT: 1354	PURGING ENDED AT: 1408	TOTAL VOLUME PURGED (gallons): 1.68

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1402	0.96	0.96	0.12	4.21	5.66	25.5	.304 mS/cm	0.74	15.8	Clear	NONE	-50
1404	.24	1.20	0.12	4.24	5.63	25.5	.303	0.7	5.94	Clear	NONE	-56
1406	.24	1.44	0.12	4.25	5.63	255	.305	0.68	1.78	clear	NONE	-59
1408	.24	1.68	0.12	4.25	5.63	255	.303	0.66	3.96	clear	NONE	-63

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: BRIDGET STAHL / ARCADIS	SAMPLER(S) SIGNATURES: Bridgets Stahl	SAMPLING INITIATED AT: 1409	SAMPLING ENDED AT: 1415
PUMP OR TUBING DEPTH IN WELL (feet): 21	SAMPLE PUMP FLOW RATE (mL per minute): ~454	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: (Y) N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-66	3	CG	40mL	HCL	40mL	—	8260	RFPP
~~DUP 2~~	~~3~~	~~CG~~	~~40ml~~	~~HCL~~	~~40mL~~	~~—~~	~~8260~~	(BS)

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: **all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater)** Turbidity: **all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)**

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

1.05

SITE NAME: Tallevast	SITE LOCATION: Tallevast, FL	
WELL NO: mw-67	SAMPLE ID: mw-67	DATE: 1-28-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 24 feet to 29 feet	STATIC DEPTH TO WATER (feet): 5.19	PURGE PUMP TYPE OR BAILER: PP Geo Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 37 feet) + .25 gallons = 0.35 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 26.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 26.5	PURGING INITIATED AT: 1636	PURGING ENDED AT: 1648	TOTAL VOLUME PURGED (gallons): 2.3

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1642	1.14	1.14	0.19	6.65	5.71	25.7	0.398	1.51	13.0	clear	none	28
1644	0.38	1.52	0.19	6.72	5.71	25.8	0.432	1.10	9.54	clear	none	-10
1646	0.38	1.90	0.19	6.78	5.71	25.8	.462	0.74	10.13	clear	none	-32
1648	0.38	2.28	0.19	6.79	5.71	25.8	.470	0.63	14.9	Clear	none	-41

6

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jennifer King/ARCADIS	SAMPLER(S) SIGNATURES: Jennifer King	SAMPLING INITIATED AT: 1650	SAMPLING ENDED AT: 1657
PUMP OR TUBING DEPTH IN WELL (feet): 26.5	SAMPLE PUMP FLOW RATE (mL per minute): ~100	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
mw-67	3	CG	40ml	HCl	—	—	8260	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Tallevast	SITE LOCATION:	Tallevast, FL	
WELL NO:	MW-68	SAMPLE ID:	MW-68	DATE: 1/28/08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	35.5 feet to 40.5 feet	10.57	Geopump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (40.5 feet − 10.57 feet) X 0.16 gallons/foot = 4.79 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + 0.0026 gallons/foot X 43.5 feet) + 0.25 gallons = 0.36 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
38	38	1247	1340	9.01

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1316	4.93	4.93	0.17	11.29	7.23	25.1	.561	0.46	4.10	Clear	NONE	-210
1324	~~0.86~~	5.79	0.17	11.30	7.27	25.1	.563	0.46	0.52	Clear	None	-215
1332	~~0.86~~	7.65	0.17	11.30	7.29	25.0	.564	0.44	0.29	Clear	None	-220
1340	~~0.86~~	9.01	0.17	11.30	7.29	25.0	.568	0.44	0.26	Clear	None	-222

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Jennifer King/ARCADIS	Jennifer King	1342	1350

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE:
38	~640	

FIELD DECONTAMINATION: (Y) N
FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm
Filtration Equipment Type: ____
DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-68	3	CG	40ml	HCl	—	—	8260	RFPP

REMARKS: missing 1 bolt

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU, optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast (MDS 4/14/08)	SITE LOCATION: Sarasota FL (MDS 4/14/08)	
WELL NO: MW-69	SAMPLE ID: MW-69	DATE: 11/30/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: 23 feet to 28 feet	STATIC DEPTH TO WATER (feet): 4.32	PURGE PUMP TYPE OR BAILER: Peristaltic

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 26 feet) + 0.25 gallons = 0.3 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 26	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 26	PURGING INITIATED AT: 9:31	PURGING ENDED AT: 1102	TOTAL VOLUME PURGED (gallons): 3.2

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1039	0.6	0.6	0.1	5.92	5.64	26.92	0.573	1.24	4.43	clear	—	-157
1041	0.3	0.9	0.1	5.92	5.64	26.93	0.545	1.13	4.16	clear	—	-159
1043	0.3	1.4	0.1	5.92	5.64	26.95	0.521	1.10	4.50	clear	—	-164
1047	0.3	1.7	0.1	5.92	5.65	26.96	0.529	1.05	4.33	" "	—	-174
1050	0.3	2.0	0.1	5.91	5.65	27.00	0.579	1.01	3.67	" "	—	-182
1053	0.3	2.3	0.1	5.91	5.65	26.96	0.588	1.03	4.34	" "	—	-186
1056	0.3	2.6	0.1	5.91	5.64	26.93	0.584	1.00	4.66	" "	—	-190
1059	0.3	2.9	0.1	5.91	5.62	27.06	0.584	1.05	4.24	" "	—	-194
1102	0.3	3.2	0.1	5.91	5.61	27.03	0.581	1.01	4.20	" "	—	-197
			Sampled @ 1102									

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: NATHAN SMITH	SAMPLER(S) SIGNATURE(S): Nathan Smith	SAMPLING INITIATED AT: 1102	SAMPLING ENDED AT: 1108
PUMP OR TUBING DEPTH IN WELL (feet): 26 (MDS 4/14/08)	SAMPLE PUMP FLOW RATE (mL per minute): <100 (MDS 4/14/08)	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N (MDS 4/14/08)	FIELD-FILTERED: Y (N) FILTER SIZE: — µm; Filtration Equipment Type: — (MDS 4/14/08)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-69	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 4/14/08)

REMARKS: Outer casing full of water. Had to bail it out.

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

1.05

SITE NAME:	TALLEVAST	SITE LOCATION:	TALLEVAST, FL
WELL NO:	MW-70	SAMPLE ID:	MW-70
		DATE:	1-30-09

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	23 feet to 29 feet	5.85	Geo Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 37 feet) + .25 gallons = .35 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
26	26	1232	1250	~~2.21~~ 2.89

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/l or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1240	1.19	1.19	0.17	9.35	5.86	25.0	.609	.56	20.9	clear	none	-68
1242	.34	1.53	0.17	9.62	5.79	25.1	.709	.53	17.9	clear	none	-69
1244	.34	1.87	0.17	9.78	5.73	25.1	.783	.52	14.9	clear	none	-70
1246	.34	2.21	0.17	9.91	5.68	25.1	.849	.51	11.9	clear	none	-71
1248	.34	2.55	.17	9.95	5.65	25.1	.876	.50	10.68	clear	none	-72
1250	.34	2.89	.17	10.00	5.63	25.2	.880	.50	9.67	clear	none	-74
~~1252~~	~~.34~~	~~3.23~~	~~.17~~							clear	none	

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Jennifer King/ARCADIS	Jennifer King	1251	1257
PUMP OR TUBING DEPTH IN WELL (feet): 26	SAMPLE PUMP FLOW RATE (mL per minute): ~643	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-70	3	CG	40ml	HCl	—	—	8260	RFPP

REMARKS: missing 2 bolts; ADDED 5' teflon tubing; well cap destroyed

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

1.02

SITE NAME: Tallevast	SITE LOCATION: Tallevast	
WELL NO: mw-71	SAMPLE ID: mw-71	DATE: 1-30-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 24 feet to 29 feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: PP Geo Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 35 feet) + .25 gallons = .34 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 26.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 26.5	PURGING INITIATED AT: 1321	PURGING ENDED AT: 1333	TOTAL VOLUME PURGED (gallons): 2.28

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1327	1.14	1.14	.19	9.21	5.51	27.0	.366	.70	9.10	clear	none	-34
1329	.38	1.52	.19	9.13	5.53	27.0	.375	.65	5.52	clear	none	-40
1331	.38	1.90	.19	9.40	5.53	27.0	.383	.63	7.30	clear	none	-43
1333	.38	2.28	.19	9.59	5.54	27.0	.389	.61	8.10	clear	none	-47

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jennifer King/Arcadis	SAMPLER(S) SIGNATURES: Jennifer King	SAMPLING INITIATED AT: 1334	SAMPLING ENDED AT: 1340
PUMP OR TUBING DEPTH IN WELL (feet): 26.5	SAMPLE PUMP FLOW RATE (mL per minute): ~700	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
mw-71	3	CG	40ml	HCl	—	—	8260	RFPP

REMARKS: missing 2 bolts, Sampled w/ transducer; ADDED 35' teflon tubing.

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

.99

SITE NAME:	Tallevast	SITE LOCATION:	Tallevast, FL	
WELL NO:	MW-72	SAMPLE ID:	MW-72	DATE: 1/30/08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	23.5 feet to 28.5 feet	4.56	Geopump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + 0.0026 gallons/foot X 31.5 feet) + 0.25 gallons = 0.33 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
26	26	1006	1022	1.76

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1016	1.10	1.10	0.11	5.03	5.5	28.8	1.21	0.5	11.5	clear	yes	-73
1018	0.22	1.32	0.11	5.04	5.5	28.8	1.22	0.5	11.6	clear	yes	-76
1020	0.22	1.54	0.11	5.06	5.5	28.9	1.22	0.4	11.1	clear	yes	-81
1022	0.22	1.76	0.11	5.08	5.5	28.9	1.21	0.4	10.68	clear	yes	-84

10

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Bridget Stahl / ARCADIS	Bridget Stahl	1023	1027
PUMP OR TUBING DEPTH IN WELL (feet): 26	SAMPLE PUMP FLOW RATE (mL per minute): 416	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-72	3	CG	40ml	HCl	—	—	8260	RFPP

REMARKS: Sampled w/ transducer in well; missing 2 bolts

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE REAOINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Former ABC Facility	SITE LOCATION:	Tallavese, FL	
WELL NO:	MW-73	SAMPLE ID:	MW-73	DATE: 1.25.08

PURGING DATA

MDS 4/14/08

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	22 feet to 27 feet	2.7	PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X feet) + 0.25 gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 14:19	PURGING ENDED AT: 1450	TOTAL VOLUME PURGED (gallons): 3.1

MDS 4/14/08

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1420	0.1	0.1	0.1	2.7	6.00	24.04	1.26	0.80	212	clear	none	56
1425	0.5	0.6	0.1	2.7	4.75	24.2	1.27	0.40	41	"	"	88
1430	0.3	1.1	0.1	2.7	4.94	24.3	1.32	0.37	50	"	"	45
1435	0.5	1.6	0.1	2.7	5.03	24.5	1.33	0.34	10	"	"	24
1440	0.5	2.1	0.1	2.7	5.09	24.4	1.33	0.33	5	"	"	12
1445	0.5	2.6	0.1	2.7	5.10	24.4	1.32	0.32	3	"	"	9
1450	0.5	3.1	0.1	2.7	5.11	24.4	1.32	0.31	2	"	"	5

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1451	SAMPLING ENDED AT: 1455
Micah Forbes / ARCADIS			

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): <100 MDS 4/14/08	TUBING MATERIAL CODE:
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: µm Filtration Equipment Type:	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-73	3	CG	40ml	HCl	—	—	8260	RFPP

MDS 4/14/08

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Tallevast	SITE LOCATION:	Tallevast, FL	
WELL NO:	MW-74	SAMPLE ID:	MW-74	DATE: 1/29/08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	27.5 feet to 32.5 feet	2.46	Geopump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + 0.0026 gallons/foot X 35.5 feet) + 0.25 gallons = 0.34 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
30	30	1600	1615	1.80

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1609	1.08	1.08	0.12	3.62	6.69	24.1	.468	0.50	0.84	clear	NONE	-136
1611	0.24	1.32	0.12	3.66	6.66	24.1	.468	0.49	1.26	clear	NONE	-137
1613	0.24	1.56	0.12	3.68	6.66	24.1	.467	0.48	0.26	clear	NONE	-139
1615	0.24	1.80	0.12	3.71	6.65	24.1	.465	0.47	0.10	clear	NONE	-139

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
BRIDGET STAHL/ARCADIS		1616	1622

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE:
30	260	

FIELD DECONTAMINATION: (Y) N
FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm
Filtration Equipment Type:
DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-74	3	CG	40ml	HCl	—	—	8260	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Former ABC Facility	SITE LOCATION:	Tallavese, FL	
WELL NO:	MW-75	SAMPLE ID:	MW-75	DATE: 1.30.08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	39.5 feet to 44.5 feet	5.5	PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.026 gallons/foot X 44.5 feet) + 0.25 gallons = 0.37 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
41	41	9:12	9:40	2.8

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
9:20	0.8	0.8	0.1	5.5	5.59	23.8	0.468	0.76	28.6	clear	none	-1
9:25	0.5	1.3	0.1	5.51	5.45	23.9	0.458	0.53	18.8	"	"	3
9:30	0.5	1.8	0.1	5.5	5.49	23.7	0.459	0.42	17.3	"	"	5
9:35	0.5	2.3	0.1	5.5	5.51	23.7	0.456	0.41	13.8	"	"	9
9:40	0.5	2.8	0.1	5.5	5.62	23.7	0.450	0.38	14	"	"	2

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Micah Forbes ARCADIS		9:41	9:45

PUMP OR TUBING DEPTH IN WELL (feet): 41 (MDS 4/14/08)
SAMPLE PUMP FLOW RATE (mL per minute): <100 (MDS 4/14/08)
TUBING MATERIAL CODE:
FIELD DECONTAMINATION: (Y) N
FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm
Filtration Equipment Type:
DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW75	3	CG	40ml	HCl	—	—	8260	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Tallevast	SITE LOCATION:	Tallevast, FL
WELL NO:	MW-76	SAMPLE ID: MW-76	DATE: 11/24/08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	23 feet to 28 feet	4.76	GeoPump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 31 feet) + 0.25 gallons = 0.33 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
25.5	25.5	1423	1438	1.65

	TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
9	1432	0.99	0.99	0.11	6.39	5.3	26.4	.361	0.4	16.7	CLEAR	yes	30
2	1434	0.22	1.21	0.11	6.42	5.4	26.4	.369	0.4	19.9	CLEAR	yes	20
2	1436	0.22	1.43	0.11	6.44	5.4	26.4	.372	0.4	15.6	CLEAR	yes	9
2	1438	0.22	1.65	0.11	6.46	5.4	26.4	.377	0.4	11.3	CLEAR	yes	3

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
BRIDGET STAHL / ARCADIS	Bridget Stahl	1439	1445
PUMP OR TUBING DEPTH IN WELL (feet): 25.5	SAMPLE PUMP FLOW RATE (mL per minute): ~410	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-76	3	CG	40ml	HCl	—	—	8260	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU, optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast	SITE LOCATION: Tallevast, FL	
WELL NO: MW-77	SAMPLE ID: MW-77	DATE: 1-24-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 36 feet to 41 feet	STATIC DEPTH TO WATER (feet): 5.85	PURGE PUMP TYPE OR BAILER: Geopump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (0.0026 gallons/foot X 64 feet) + 0.25 gallons = 0.42 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 38.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 38.5	PURGING INITIATED AT: 1055	PURGING ENDED AT: 1110	TOTAL VOLUME PURGED (gallons): 2.10

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
9 1104	1.26	1.26	0.14	8.75	6.42	24.3	.645	1.39	6.50	Clear	NONE ORP -79
1106	0.28	1.54	0.14	8.95	6.43	24.3	.648	1.03	4.77	clear	NONE -95
1108	0.28	1.82	0.14	9.03	6.44	24.3	.648	0.81	3.11	Clear	NONE -108
1110	0.28	2.10	0.14	9.07	6.45	24.3	.649	0.82	1.88	clear	NONE -108

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jennifer King/ARCADIS	SAMPLER(S) SIGNATURES: Jennifer King	SAMPLING INITIATED AT: 1112	SAMPLING ENDED AT: 1122
PUMP OR TUBING DEPTH IN WELL (feet): 38.5	SAMPLE PUMP FLOW RATE (mL per minute): ~490	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: (Y) N MDS 1/14/08	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-77	3	CG	40ml	HCl	—	—	8260	RFPP
DUP-8	3	CG	40ml	HCl	—	—	8260	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Former ABC Facility	SITE LOCATION: Tallevast, FL	
WELL NO: MW-78	SAMPLE ID: MW-78	DATE: 1-28-08

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/4"	WELL SCREEN INTERVAL DEPTH: 36 feet to 41 feet	STATIC DEPTH TO WATER (feet): 6.49	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (41 feet – 6.49 feet) X 0.16 gallons/foot = 5.5 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 1246	PURGING ENDED AT: 1339	TOTAL VOLUME PURGED (gallons): 10

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1326	5.5	5.5	0.3*	7.33	6.54	25.85	0.742	1.33	2.93	none -	none noted	-140
1331	1.5	7.0	↓	7.28	6.54	25.89	0.748	1.00	0.87	Crystal	↓	-142
1336	1.5	8.5		7.26	6.52	25.93	0.729	0.94	1.17	clear		-142
1339	1.5	10.0	↓	7.26	6.52	25.89	0.727	0.93	1.17	↓	↓	-142
							mS/cm					

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Amy Coats/Arcadis	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1340	SAMPLING ENDED AT: 1345
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): <100 MDS 4/14/08	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-78	3	CG	40mL	HCl	—	—	8260	RFPP MDS 4/14/08

REMARKS:
One bolt broken in hole

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** all readings ≤ 20 NTU; ~~optionally ± 5 NTU or ± 10% (whichever is greater)~~

*Purge rate was higher before readings. purged 5.5 gallons before 1st reading.

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: TALLEVAST	SITE LOCATION: Sarasota FL (MDS 4/14/08)	
WELL NO: MW-79	SAMPLE ID: MW-79	DATE: 1-23-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 36 feet to 41 feet	STATIC DEPTH TO WATER (feet): 9.10	PURGE PUMP TYPE OR BAILER: Geo Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.00026 gallons/foot X 44 feet) + .125 gallons = 0.36 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 38.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 38.5	PURGING INITIATED AT: 1510	PURGING ENDED AT: 1526	TOTAL VOLUME PURGED (gallons): 1.76

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm) mS/cm	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1520	1.10	1.10	0.11	10.16	6.4	25.7	.701	0.5	3.46	Clear	NONE	-81
1522	0.22	1.32	0.11	10.18	6.4	25.5	.706	0.6	0.99	Clear	NONE	-89
1524	0.22	1.54	0.11	10.21	6.4	25.4	.707	0.6	3.97	Clear	NONE	-89
1526	0.22	1.76	0.11	10.21	6.4	25.2	.706	0.6	3.37	Clear	NONE	-91

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: BRIDGET STAHL/ARCADIS	SAMPLER(S) SIGNATURES: Bridget Stahl	SAMPLING INITIATED AT: 1527	SAMPLING ENDED AT: 1534
PUMP OR TUBING DEPTH IN WELL (feet): 38.5	SAMPLE PUMP FLOW RATE (mL per minute): ~ 416	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-79	3	CG	40mL	HCL	40mL	–	8260	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

1.08

SITE NAME: Tallevast	SITE LOCATION: Tallevast, FL	
WELL NO: MW-80	SAMPLE ID: MW-80	DATE: 1/30/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 36 feet to 41 feet	STATIC DEPTH TO WATER (feet): 8.77	PURGE PUMP TYPE OR BAILER: PP GeoPump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 44 feet) + 0.25 gallons = 0.36 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 38.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 38.5	PURGING INITIATED AT: 1002	PURGING ENDED AT: 1015	TOTAL VOLUME PURGED (gallons): 2.08

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/l or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1009	1.12	1.12	0.16	9.42	6.89	28.6	1.27	0.64	1.09	clear	NONE	-135
1011	0.32	1.44	0.16	9.45	6.86	28.7	1.23	0.61	1.19	clear	NONE	-145
1013	0.32	1.76	0.16	9.46	6.86	28.7	1.22	0.61	0.19	clear	NONE	-147
1015	0.32	2.08	0.16	9.45	6.86	28.7	1.22	0.60	0.16	clear	none	-149

7

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jennifer King/ARCADIS	SAMPLER(S) SIGNATURES: Jennifer King	SAMPLING INITIATED AT: 1016	SAMPLING ENDED AT: 1826
PUMP OR TUBING DEPTH IN WELL (feet): 38.5	SAMPLE PUMP FLOW RATE (mL per minute): ~610	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-80	3	CG	40ml	HCl	—	—	8260	RFPP

REMARKS: sampled with Transducer in well; missing 2 bolts

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	TALLEVAST	SITE LOCATION:	SARASOTA, FL	
WELL NO:	MW-81	SAMPLE ID:	MW-81	DATE: 1/30/08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	36 feet to 41 feet		PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 46 feet) + 0.5 gallons = 0.62 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
38.5	38.5	1033	1054	2.31

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (~~describe~~)	ORP
1045	1.32	1.32	0.11	11.01	7.11	26.38	865	1.04	0.74	clear yellow	YES	-255
1048	0.33	1.65	0.11	11.02	7.13	26.45	961	0.60	0.11	clear	YES	-272
1051	0.33	1.98	0.11	11.02	7.14	26.42	980	0.48	0.50	clear	YES	-276
1054	0.33	2.31	0.11	11.03	7.13	26.46	987	0.44	0.44	clear	YES	-277

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; (1/4") = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
S. Wells / ARCADIS		1058	1106

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE:
38.5	≤ 100	PE

FIELD DECONTAMINATION: (Y) N
FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm
Filtration Equipment Type:
DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-81	3	CG	40mL	HCl	40mL	—	8260B+8260B SIM	RFPP

REMARKS:
TRANSDUCER REMOVED FROM 0957 TO

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Tallevast	SITE LOCATION:	Tallevast, FL	
WELL NO:	MW-82	SAMPLE ID:	MW-82	DATE: 1/29/08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	37 feet to 42 feet	4.18	GeoPump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + 0.0026 gallons/foot X 45 feet) + 0.25 gallons = 0.37 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
39.5	39.5	1427	1443	1.92

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1437	1.20	1.20	0.12	5.50	7.06	24.4	.602	0.58	1.79	Clear	NONE	-174
1439	.24	1.44	0.12	5.51	7.08	24.4	.598	0.57	2.82	Clear	NONE	-173
1441	.24	1.68	0.12	5.53	7.09	24.4	.594	0.56	5.01	Clear	NONE	-173
1443	.24	1.92	0.12	5.55	7.10	24.4	.591	0.54	3.60	Clear	NONE	-173

10

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
BRIDGET STAHL/ARCADIS	Bridget Stahl	1444	1450

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE:
39.5	~450	

FIELD DECONTAMINATION: (Y) N
FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm
Filtration Equipment Type:
DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-82	3	CG	40ml	HCl	—	—	8260	RFPP

REMARKS:
missing 2 bolts

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Former ABC Facility	SITE LOCATION:	Tallavese FL	
WELL NO:	MW-83	SAMPLE ID:	MW-83	DATE: 1.24.08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 102 feet to 112 feet (MDS 4/14/08)	STATIC DEPTH TO WATER (feet): 13.6	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 1446	PURGING ENDED AT: 1520	TOTAL VOLUME PURGED (gallons): 3.0 (MDS 4/14/08)

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1450	0.5	.0.5	0.1	13.6	7.18	23.8	0.365	0.94	12	clear	none	-195
1455	0.5	1.0	0.1	13.6	7.25	23.9	0.370	0.42	13	"	"	-227
1510	2.0	2.0	0.1	13.6	7.28	23.81	0.369	0.32	30	"	"	-271
1515	0.5	2.5	0.1	13.6	7.28	23.82	0.369	0.32	34	"	"	-275
1520	0.5	3.0	0.1	13.6	7.28	23.89	0.369	0.30	38	"	"	-279

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1521	SAMPLING ENDED AT: 1525
Micah Forbes / ARCADIS			

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): <100 (MDS 4/14/08)	TUBING MATERIAL CODE:
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm Filtration Equipment Type:	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW83	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 4/14/08)

REMARKS: missed two readings on the phone

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast (MDS 9/14/08)		SITE LOCATION: Sarasota FL (MDS 9/14/08)	
WELL NO: MW-84	SAMPLE ID: MW-84	DATE: 1.25.08	

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/4"	WELL SCREEN INTERVAL DEPTH: 35.5 feet to 40.5 feet	STATIC DEPTH TO WATER (feet): 9.38	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= 0 feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 40 feet) + 0.25 gallons = 0.35 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 1432	PURGING ENDED AT: 1454	TOTAL VOLUME PURGED (gallons): 2.2

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
0.68/M												
1442	1.0	1.0	0.1	9.75	6.73	27.21	1.28	1.49	0.07	none	none noted	-137
1445	0.3	1.3		9.75	6.68	27.22	1.26	1.25	0.09			-136
1448	|	1.6		9.75	6.65	27.24	1.25	1.16	0.07			-136
1451	|	1.9		9.75	6.65	27.26	1.25	~~1.25~~ 1.12	0.07			-136
1454	|	2.2	↓	9.75	6.65	27.20	1.25	1.09	0.05			-137
							mS/cm					

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Amy Peaks / Arcadis	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1455	SAMPLING ENDED AT: 1500
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (ml per minute): < 100 (MDS 9/14/08)	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-84	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 9/14/08)

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

Form FD 9000-24

GROUNDWATER SAMPLING LOG

1.2

SITE NAME: Tallevast	SITE LOCATION: Tallevast	
WELL NO: MW-85	SAMPLE ID: MW-85	DATE: 1/24/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 50 feet to 55 feet	STATIC DEPTH TO WATER (feet): 5.44	PURGE PUMP TYPE OR BAILER: Geopump (PP)

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 58 feet) + 0.25 gallons = 0.40 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 52.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 52.5	PURGING INITIATED AT: 1525	PURGING ENDED AT: 1541	TOTAL VOLUME PURGED (gallons): 1.92

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
10 1535	1.20	1.20	0.12	6.40	7.2	25.8	mS/cm 0.783	0.5	1.52	clear	yes	-84
1537	0.24	1.44	0.12	6.40	7.2	25.8	0.796	0.4	0.77	clear	yes	-92
1539	0.24	1.68	0.12	6.40	7.2	25.8	0.804	0.4	1.01	clear	~~yes~~ NO	-98
1541	0.24	1.92	0.12	6.40	7.2	25.8	0.814	0.4	1.01	clear	~~yes~~ NO	-101

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jennifer King/Arcadis	SAMPLER(S) SIGNATURES: Jennifer King	SAMPLING INITIATED AT: 1544	SAMPLING ENDED AT: 1452
PUMP OR TUBING DEPTH IN WELL (feet): 52.5	SAMPLE PUMP FLOW RATE (mL per minute): ~454	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-85	3	CG	40ml	HCl	—	—	8260	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: **all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater)** Turbidity: **all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)**

TB-14-1130

DEP-SOP-001/01
Form FD 9000-24

1.02

GROUNDWATER SAMPLING LOG

SITE NAME: TALLEVAST	SITE LOCATION: TALLEVAST, FL		
WELL NO: MW-~~110~~ 86	SAMPLE ID: MW-~~110~~86	DATE: 1-28-08	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 23 feet to 28 feet	STATIC DEPTH TO WATER (feet): 10.95	PURGE PUMP TYPE OR BAILER: PP GeoPump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (28 feet – 10.95 feet) X 0.16 gallons/foot = 2.73 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 36 feet) + .25 gallons = .34 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 25.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 25.5	PURGING INITIATED AT: 1007	PURGING ENDED AT: 1018	TOTAL VOLUME PURGED (gallons): 1.82

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/l or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
8 1012	1.04	1.04	0.13	13.55	7.16	24.1	0.562	0.56	3.60	Clear	yes	-209
1014	0.26	1.30	0.13	13.73	7.16	24.1	0.553	0.54	3.29	clear	yes	-207
1016	0.26	1.56	0.13	13.81	7.18	24.2	0.549	0.54	3.52	clear	yes	-205
1018	0.26	1.82	0.13	13.89	7.17	24.1	0.547	0.53	2.87	Clear	yes	-204

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jennifer King/ARCADIS	SAMPLER(S) SIGNATURES: Jennifer King	SAMPLING INITIATED AT: 1020	SAMPLING ENDED AT: 1028
PUMP OR TUBING DEPTH IN WELL (feet): 25.5	SAMPLE PUMP FLOW RATE (mL per minute): ~490	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-110	3	CG	40ml	HCl	40ml	–	8260	RFPP

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Former ABC Facility	SITE LOCATION:	Tallavese, FL
WELL NO:	MW-87	SAMPLE ID: MW-87	DATE: 1.30.08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	36 feet to 41 feet	4.8	PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 41 feet) + 0.25 gallons = 0.35 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
38.5	38.5	8:32	8:50	1.9

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
8:35	0.4	0.4	0.1	5.3	6.88	23.8	1.33	1.10	0	clear	none	-183
8:40	0.5	0.9	0.1	5.4	6.70	23.9	1.34	0.38	0	"	"	-188
8:45	0.5	1.4	0.1	5.4	6.70	24.01	1.35	0.35	0	"	"	-189
8:50	0.5	1.9	0.1	5.4	6.70	24.07	1.36	0.33	0	"	"	-190

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Micah Forbes / ARCADIS		8:51	8:55

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE:
38.5 MDS 4/14/08	<100 MDS 4/14/08	

FIELD DECONTAMINATION: (Y) N
FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm
Filtration Equipment Type: ____
DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-87	3	CG	40ml	HCl	—	—	8260	RFPP

MDS 4/14/08

REMARKS:

MATERIAL CODES: AG = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; S = Silicone; **T** = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

1.44

SITE NAME: TALLEVAST	SITE LOCATION: TALLEVAST, FL	
WELL NO: MW-88	SAMPLE ID: MW-88	DATE: 1-29-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 76 feet to 86 feet	STATIC DEPTH TO WATER (feet): 12.38	PURGE PUMP TYPE OR BAILER: PP Geo Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 89 feet) + .25 gallons = .48 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 81	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 81	PURGING INITIATED AT: 1454	PURGING ENDED AT: 1515	TOTAL VOLUME PURGED (gallons): 2.10

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/l or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1509	1.50	1.50	0.10	19.74	8.42	24.7	.124	1.77	14.6	Clear	NONE	-131
1511	0.20	1.70	0.10	20.08	8.40	24.7	.130	1.60	19.8	Clear	NONE	-137
1513	0.20	1.90	0.10	20.51	8.38	24.7	.136	1.06	17.2	clear	NONE	-147
1515	0.20	2.10	0.10	20.84	8.37	24.7	.141	1.18	19.3	clear	NONE	-151

15

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: BRIDGET STAHL / ARCADIS	SAMPLER(S) SIGNATURES: Bridget Stahl	SAMPLING INITIATED AT: 1516	SAMPLING ENDED AT: 1519
PUMP OR TUBING DEPTH IN WELL (feet): 81	SAMPLE PUMP FLOW RATE (mL per minute): 390	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-88	3	CG	40ml	HCl	—	—	8260	RFPP

REMARKS:
missing 2 bolts

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: TALLEVAST	SITE LOCATION: Sarasota FL (MDS 4/14/08)	
WELL NO: MW-89	SAMPLE ID: MW-89	DATE: 1-23-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 27 feet to 32 feet	STATIC DEPTH TO WATER (feet): 4.45	PURGE PUMP TYPE OR BAILER: PP GeoPump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 35 feet) + .25 gallons = 0.34 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 29.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 29.5 (MDS 4/14/08)	PURGING INITIATED AT: 1357	PURGING ENDED AT: 1412	TOTAL VOLUME PURGED (gallons): 1.92

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm) mS/cm	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1405	1.12	1.12	0.14	6.25	6.8	25.2	0.673	0.5	2.56	clear	yes	-132
1407	.28	1.40	0.14	6.25	6.8	25.1	0.674	0.8	3.70	Clear	yes	-134
1409	.28	1.68	0.14	6.20	6.8	25.1	0.673	0.9	2.68	clear	yes	-136
1411	.28	1.92	0.14	6.20	6.8	25.1	0.669	0.9	2.85	Clear	yes	-136

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jennifer King/ARCADIS	SAMPLER(S) SIGNATURES: Jennifer King	SAMPLING INITIATED AT: 1414	SAMPLING ENDED AT: 1417
PUMP OR TUBING DEPTH IN WELL (feet): 29.5 (MDS 4/14/08)	SAMPLE PUMP FLOW RATE (mL per minute): 530	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-89	3	CG	40mL	HCL	40mL	–	8260	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: **± 0.2 units** Temperature: **± 0.2 °C** Specific Conductance: **± 5%** Dissolved Oxygen: **all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater)** Turbidity: **all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)**

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Tallevast	SITE LOCATION:	Sarasota FL (MDS 4/14/08)	
WELL NO:	MW-90	SAMPLE ID:	MW-90	DATE: 1/23/08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	25.5 feet to 30.5 feet		Geopump (PP)

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (0.0026 gallons/foot X 33.5 feet) + 0.25 gallons = 0.34 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
28	28	0937	0953	1.80

	TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
9	0946	1.08	1.08	0.12	4.97	6.7	24.5	.613	1.1	0.40	Clear	NONE	-64
2	0948	.24	1.32	0.12	5.02	6.7	24.5	.612	0.7	0.56	Clear	NONE	-73
2	0950	.24	1.56	0.12	5.04	6.7	24.5	.612	0.6	0.52	CLEAR	NONE	-78
2	0952	.24	1.80	0.12	5.05	6.7	24.5	.613	0.6	1.33	CLEAR	NONE	-80

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
BRIDGET STAHL / ARCADIS	Bridget Stahl	0955	1002
PUMP OR TUBING DEPTH IN WELL (feet): 28	SAMPLE PUMP FLOW RATE (mL per minute): ~455	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-90	3	CG	40ml	HCl	—	—	8260	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Former ABC Facility	SITE LOCATION: Tallahassee, FL	
WELL NO: MW-91	SAMPLE ID: MW-91	DATE: 1-28-05

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): ¼"	WELL SCREEN INTERVAL DEPTH: 32.5 feet to 37.5 feet	STATIC DEPTH TO WATER (feet): 7.75	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (37.5 feet – 7.75 feet) X .16 gallons/foot = 4.76 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 37 feet) + 0.25 gallons = 0.35 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 37.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 35	PURGING INITIATED AT: 912	PURGING ENDED AT: 9:29	TOTAL VOLUME PURGED (gallons): 1.7

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
9:23	1.1	1.1	0.1	12.95	6.52	23.74	.669	0.88	3.11	clear	none	-95
9:26	0.3	1.4	0.1	13.83	6.50	23.65	.667	1.0	3.91	"	"	-97
9:29	0.3	1.7	0.1	14.17	6.49	23.82	.663	1.01	3.15	"	"	-99

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Amy Coats / Arcadis	SAMPLER(S) SIGNATURES: Amy Coats	SAMPLING INITIATED AT: 9:30	SAMPLING ENDED AT: 9:35
PUMP OR TUBING DEPTH IN WELL (feet): 35'	SAMPLE PUMP FLOW RATE (mL per minute): < 100 (mws 4/19/05)	TUBING MATERIAL CODE: pe	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm Filtration Equipment Type: ___	DUPLICATE: [redacted] (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-91	3	CG	40ml	HCl	—	—	8260	RFPP

REMARKS: transducer reinserted 9:57
transducer removed @ 9:07 / [redacted] 7.75 liter removed total

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Revision Date: February 1, 2004

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Former ABC Facility	SITE LOCATION:	Tallevast, FL
WELL NO:	MW-92	SAMPLE ID:	MW-92
DATE:	1-31-08		

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	32.5 feet to 37.5 feet	11.9	PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME 0.34
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 37.5 feet) + 0.25 gallons = gallons
MDS 4/14/08

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
35	35	8:58	920	2.2

MDS 4/14/08

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
9:05	0.7	0.7	0.1	12.6	7.16	23.57	0.54	0.65	0	clear	none	-252
9:10	0.5	1.2	0.1	12.75	7.25	23.8	0.53	0.47	0	"	"	-259
9:15	0.5	1.7	0.1	12.75	7.28	23.8	0.54	0.44	0	"	"	-261
9:20	0.5	2.2	0.1	12.75	7.28	23.8	0.53	0.41	0	"	"	-261

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Micah Forbes / ARCADIS			
PUMP OR TUBING DEPTH IN WELL (feet): 35 MDS 4/14/08	SAMPLE PUMP FLOW RATE (mL per minute): <100 MDS 4/14/08	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-92	3	CG	40ml	HCl	—	—	8260	RFPP

MDS 4/14/08

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast (MDS 4/14/08)		SITE LOCATION: Sarasota FL (MDS 4/14/08)	
WELL NO: MW-93	SAMPLE ID: MW-93	DATE: 1/28/08	

PURGING DATA

(MDS 4/14/08)

WELL DIAMETER (inches):	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 32.5 feet to 37.5 feet	STATIC DEPTH TO WATER (feet): 12.46	PURGE PUMP TYPE OR BAILER: PP (MDS 4/14/08)

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (0.0026 gallons/foot X 37 feet) + 0.25 gallons = 0.34 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 37	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 37	PURGING INITIATED AT: 1035	PURGING ENDED AT: 1050	TOTAL VOLUME PURGED (gallons): 2.5

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
10:38	0.3	0.3	0.1	13.62	6.95	24.52	0.777	1.33	light orange (MDS 4/14/08)	light brown	—	-131
10:41	0.3	0.6	0.1	13.99	7.05	24.47	0.776	1.21	1.74	clear	—	-181
10:44	0.3	0.9	0.1	14.23	7.09	24.47	0.776	1.17	4.80	"	—	-210
10:47	0.3	1.2	0.1	14.35	7.11	24.46	0.780	1.15	1.22	"	—	-223
10:50	0.3	1.5	0.1	14.45	7.13	24.45	0.778	1.15	1.58	"	—	-238
	(MDS 4/14/08)											

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1050	SAMPLING ENDED AT: 1055
NATHAN SMITH	Nathan P. Smith		

PUMP OR TUBING DEPTH IN WELL (feet): 37 (MDS 4/14/08)	SAMPLE PUMP FLOW RATE (mL per minute): 100 (MDS 4/14/08)	TUBING MATERIAL CODE:
FIELD DECONTAMINATION: (Y) N (MDS 4/14/08)	FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm Filtration Equipment Type: (MDS 4/14/08)	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-93	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 4/14/08)

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Talleva ST	SITE LOCATION: Sarasota FL (9/14/07 MDS)	
WELL NO: MW-94	SAMPLE ID: MW-94	DATE: 1/22/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 24.5 feet to 29.5 feet	STATIC DEPTH TO WATER (feet): 3.17	PURGE PUMP TYPE OR BAILER: Geopump (PP)

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (0.0026 gallons/foot X 29 feet) + 0.25 gallons = 0.33 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 27	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 27	PURGING INITIATED AT: 1607	PURGING ENDED AT: 1623	TOTAL VOLUME PURGED (gallons): 1.80

	TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
9	1616	1.08	1.08	0.12	3.50	6.0	23.4	.476	.7	6.04	Clear	NONE	-42
	1618	.24	1.32	0.12	3.54	6.0	23.4	.464	.7	2.03	Clear	NONE	-48
	1620	.24	1.56	0.12	3.55	6.0	23.4	.470	.7	3.38	Clear	NONE	-52
	1622	.24	1.80	0.12	3.55	6.0	23.4	.470	.7	2.79	Clear	NONE	-58

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Bridget Stahl / TARGUS	SAMPLER(S) SIGNATURES: Bridget Stahl	SAMPLING INITIATED AT: 1628	SAMPLING ENDED AT: 1630
PUMP OR TUBING DEPTH IN WELL (feet): 27	SAMPLE PUMP FLOW RATE (mL per minute): ~455	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
mw-94	3	CG	40mL	HCL	—	—	8260	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: **all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater)** Turbidity: **all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)**

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast	SITE LOCATION: Sarasota FL (MDS 4/14/08)	
WELL NO: MW-95	SAMPLE ID: MW-95	DATE: 1/22/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 23 feet to 28 feet	STATIC DEPTH TO WATER (feet): 2.96	PURGE PUMP TYPE OR BAILER: GeoPump (PP)

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet − feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (0.0026 gallons/foot X 27.5 feet) + 0.25 gallons = 0.32 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 25.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 25.5	PURGING INITIATED AT: 1522	PURGING ENDED AT: 1538	TOTAL VOLUME PURGED (gallons): 1.6

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1532	1.0	1.0	0.1	3.20	6.2	23.6	.429	0.7	3.54	clear	None	-35
1534	0.2	1.2	0.1	3.21	6.2	23.6	.426	0.5	1.81	clear	None	-43
1536	0.2	1.4	0.1	3.21	6.1	23.6	.424	0.5	0.50	Clear	None	-51
1538	0.2	1.6	0.1	3.21	6.1	23.6	.424	0.4	2.05	Clear	None	-57

10

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jennifer King / ARCADIS	SAMPLER(S) SIGNATURES: Jennifer King	SAMPLING INITIATED AT: 1540	SAMPLING ENDED AT: 1547
PUMP OR TUBING DEPTH IN WELL (feet): 25.5	SAMPLE PUMP FLOW RATE (mL per minute): ~380	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-95	3	CG	40mL	HCL	—	—	8260	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Tellevast	SITE LOCATION:	Sarasota, FL
WELL NO:	MW-96	SAMPLE ID:	MW-96
DATE:	1/29/08		

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	196 feet to 206 feet	4.5	Grundfos pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + 0.0026 gallons/foot X 210 feet + 0.25 gallons = 0.25 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
~201	~201	1035	1105	2.24

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or ~~µS/cm~~)	DISSOLVED OXYGEN (circle ~~mg/L~~ or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1039	0.32	0.32	0.08	18.22	7.37	22.76	432	0.45	24.9	clear	yes	-295
1045	0.48	0.64	0.08	18.45	7.24	22.77	313	2.32	22.3	clear	yes	-267
1050	0.40	1.04	0.08	19.09	7.18	22.32	309	0.82	23.7	clear	yes	-277
1055	0.40	1.44	0.08	19.86	7.21	22.36	309	0.55	12.7	clear	yes	-287
1100	0.40	1.84	0.08	20.61	7.20	22.38	308	0.46	6.94	clear	yes	-294
1105	0.40	2.24	0.08	21.41	7.20	22.41	308	0.41	5.34	clear	yes	-297

Neil Smith 1/29/08

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Neil Smith / ARCADIS	Neil Smith	1108	1115

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE:
~201	<100	PE

FIELD DECONTAMINATION: Y N	FIELD-FILTERED: Y N FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-96	3	CG	40ml	HCl	–	<2	8260B & 8260B SIM	RFPP

REMARKS:
Initial Purge – "Blue" color than cleared – Placed new 2" well cap & Dolphin lock on well
needs bolts for cover

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **~~Turbidity:~~** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Former ABC Facility	SITE LOCATION:	Tallevast, FL	
WELL NO:	MW-97	SAMPLE ID:	MW-97	DATE: 1.30.08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	208.6 feet to 226.6 feet	4.8	PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + 0.0026 gallons/foot X 226.6 feet) + 0.25 gallons = 0.84 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
220	220	11:54	12:30	3.4

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
12:05	0.9	0.9	0.1	19.4	7.66	23.69	0.625	0.32	23	H. gray	none	-309
12:10	0.5	1.4	0.1	19.4	7.59	23.6	0.604	0.31	24	clear	none	-309
12:15	0.5	1.9	0.1	21.9	7.44	23.7	0.267	0.29	28	"	none	-295
12:20	0.5	2.4	0.1	23.6	7.26	23.7	0.173	0.30	19	"	"	-274
12:25	0.5	2.9	0.1	24.4	7.20	24.0	0.167	0.31	8	"	"	-265
12:30	0.5	3.4	0.1	25.5	7.23	24.06	0.165	0.30	0	"	"	-267

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Micah Forbes / ARCADIS		12:31	12:35

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE:
220 MDS 4/14/08	4100 MDS 4/14/08	

FIELD DECONTAMINATION: Y N
FIELD-FILTERED: Y N FILTER SIZE: ___ µm
Filtration Equipment Type:
DUPLICATE: Y N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-97	3	CG	40ml	HCl	—	—	8260	RFPP MDS

REMARKS: lid cap for well is damaged

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Former ABC Facility	SITE LOCATION: Tallavese, FL		
WELL NO: MW-98	SAMPLE ID: MW-98	DATE: 1.25.08	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 33 feet to 38 feet (MDS 4/14/08)	STATIC DEPTH TO WATER (feet): 4.3
PURGE PUMP TYPE OR BAILER: PP			

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if appticable)
= 0 gallons + (0.0026 gallons/foot X feet) + 0.25 gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 13:45	PURGING ENDED AT: 14:05	TOTAL VOLUME PURGED (gallons): 2.0 (MDS 4/14/08)

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1350	0.5	0.5	0.1	4.9	6.46	24.19	1.28	1.15	6.2	clear	none	-137
1355	0.5	1.0	0.1	4.9	6.47	24.2	1.28	0.66	4	"	"	-143
1400	0.5	1.5	0.1	4.9	6.48	24.3	1.28	0.57	4.52	"	"	-145
1405	0.5	2.0	0.1	6.1	6.47	24.4	1.29	0.50	4	"	"	-145

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Micah Forbes / ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 14:06	SAMPLING ENDED AT: 14:10
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): <100 (MDS 4/14/08)	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ___ µm	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW98	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 4/14/08)

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: TALLEVAST	SITE LOCATION: SARASOTA, FL	
WELL NO: MW-99	SAMPLE ID: MW-99	DATE: 1/25/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 71 feet to 81 feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 86 feet) + 0.5 gallons = 0.72 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 76	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 76	PURGING INITIATED AT: 1235	PURGING ENDED AT: 1255	TOTAL VOLUME PURGED (gallons): 1.40

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1246	0.77	0.77	0.07	14.62	7.42	26.05	416	0.55	11.9	clear	yes	-257
1249	0.21	0.98	0.07	15.10	7.42	26.05	416	0.52	12.6	clear	yes	-258
1252	0.21	1.19	0.07	15.34	7.42	25.92	417	0.46	13.4	clear	yes	-259
1255	0.21	1.40	0.07	15.72	7.41	26.03	416	0.46	15.1	clear	yes	-261

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: NS/SW/ ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1257	SAMPLING ENDED AT: 1303
PUMP OR TUBING DEPTH IN WELL (feet): 76	SAMPLE PUMP FLOW RATE (mL per minute): ≤100	TUBING MATERIAL CODE: T	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: (Y) N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-99	3	CG	40mL	HCl	40mL	—	8260B+8260BSIM	RFPP
DUP-10	3	CG	40mL	HCl	40mL	—	8260B+8260BSIM	RFPP

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tellevast	SITE LOCATION: Sarasota, FL	
WELL NO: MW-100	SAMPLE ID: MW-100	DATE: 1/25/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 24.5 feet to 29.5 feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) (0.60)

= gallons + (0.0026 gallons/foot X 38 feet) + 0.50 gallons = 0.598 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~26	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~26	PURGING INITIATED AT: 1240	PURGING ENDED AT: 1255	TOTAL VOLUME PURGED (gallons): 3.15

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1243	0.63	0.63	0.21	6.29	5.99	27.46	339	1.04	6.0	Clear	Yes	-79
1246	0.63	1.26	0.21	6.31	6.00	27.57	344	0.82	4.16	Clear	yes	-86
1249	0.63	1.89	0.21	6.31	6.06	27.71	356	0.76	3.91	clear	yes	-91
1252	0.63	2.52	0.21	6.31	6.12	27.70	364	0.82	3.14	Clear	yes	-98
1255	0.63	3.15	0.21	6.31	6.14	27.76	364	0.83	2.59	clear	yes	-100

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: N. Smith / ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1256	SAMPLING ENDED AT: 1300
PUMP OR TUBING DEPTH IN WELL (feet): ~26	SAMPLE PUMP FLOW RATE (mL per minute): <100	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: Y / N	FIELD-FILTERED: Y / N FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y / N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-100	3	CG	40ml	HCl	–	<2	8260B+8260SIM	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **~~Turbidity:~~** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

1, 2

SITE NAME:	TALLAHASSEE	SITE LOCATION:	TALLAHASSEE FL	
WELL NO:	MW-101	SAMPLE ID:	MW-101	DATE: 1-29-08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	DEPTH: 57.7 feet to 57.7 feet	6.09	PP GPO Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 60.7 feet) + .25 gallons = 0.40 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
55	55	0818	0832	2.38

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
8 0826	1.36	1.36	0.17	8.10	7.5	23.9	.420	0.6	20.4	clear	yes	-133
0828	0.34	1.70	0.17	8.13	7.5	24.0	.420	0.6	3.75	clear	yes	-138
0830	0.34	2.04	0.17	8.18	7.5	24.0	.419	0.5	3.98	clear	yes	-144
0832	0.34	2.38	0.17	8.21	7.4	24.0	.419	0.5	2.29	clear	yes	-148

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
BRIDGET STAHL/ARCADIS	Bridget Stahl	0833	0845

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE:
55	~ 643	

FIELD DECONTAMINATION: (Y) N
FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm
Filtration Equipment Type: ____
DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-101	3	CG	40ml	HCl	40ml	—	8260	RFPP

REMARKS: missing 2 bolts

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Former ABC Facility	SITE LOCATION:	Tallavese, FL
WELL NO:	MW-102	SAMPLE ID:	MW-102
DATE:	1.25.08		

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	89.8 feet to 99.8 feet (MDS 9/14/08)	12.9	PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X feet) + 0.25 gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 9:53	PURGING ENDED AT: 10:25	TOTAL VOLUME PURGED (gallons): 3.1

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
9:55	0.1	0.1	0.1	12.9	7.54	24.17	0.528	3.41	200	clear	none	-198
10:00	0.5	0.6	0.1	12.9	7.2	24.4	0.618	0.75	87	"	"	-234
10:05	0.5	1.1	0.1	12.9	7.19	24.4	0.644	0.59	63	"	"	-244
10:10	0.5	1.6	0.1	12.9	7.19	24.4	0.661	0.51	32	"	"	-250
10:15	0.5	2.1	0.1	12.9	7.18	24.5	0.667	0.47	18	"	"	-253
10:20	0.5	2.6	0.1	12.9	7.19	24.5	0.673	0.45	11	"	"	-257
10:25	0.5	3.1	0.1	12.9	7.19	24.6	0.675	0.41	7	"	"	-260

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 10:26	SAMPLING ENDED AT: 10:30
Micah Forbes / ARCADIS			

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): <100 (MDS 9/14/08)	TUBING MATERIAL CODE:
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm Filtration Equipment Type:	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW102	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 9/14/08)

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Former ABC	SITE LOCATION:	Tallavese, FL
WELL NO:	MW-103	SAMPLE ID:	MW-103
DATE:	1.25.08		

PURGING DATA

WELL DIAMETER (inches):	2	TUBING DIAMETER (inches):	1/4	WELL SCREEN INTERVAL DEPTH:	25 feet to 30 feet (MDS 4/14/08)	STATIC DEPTH TO WATER (feet):	4.3	PURGE PUMP TYPE OR BAILER:	PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (0 feet – 0 feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X feet) + 0.25 gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 10:40	PURGING ENDED AT: 11:10	TOTAL VOLUME PURGED (gallons): 2.8

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
10:45	0.3	0.3	0.1	4.3	6.18	23.9	1.28	2.6	27	SH turbid	none	-37
10:50	0.5	0.8	0.1	4.5	5.98	24.2	1.33	1.36	38	"	"	-128
10:55	0.5	1.3	0.1	4.5	6.07	24.3	1.36	0.70	46	"	"	-150
11:00	0.5	1.8	0.1	4.5	6.12	24.4	1.35	0.58	31	"	"	-151
11:05	0.5	2.3	0.1	4.5	6.16	24.6	1.36	0.48	35	"	"	-156
11:10	0.5	2.8	0.1	4.5	6.19	24.6	1.36	0.43	37	"	"	-159

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 11:11	SAMPLING ENDED AT: 11:15
Micah Forbes / ARCADIS			
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): <100 (MDS 4/14/08)	TUBING MATERIAL CODE: PE (MDS 4/14/08)	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-103	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 4/14/08)

REMARKS: Missing tubing & only ran ten feet deep, used disposable poly. for tubing

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Former ABC Facility	SITE LOCATION:	Tallavese FL	
WELL NO:	MW-104	SAMPLE ID:	MW-104	DATE: 1.28.08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	25.9 feet to 30.4 feet (MDS 4/14/08)	3.15	PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X feet) + 0.25 gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons): (MDS 4/14/08)
		10:43	11:10	2.7

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
10:50	0.7	0.7	0.1	3.15	5.35	23.6	0.9	0.58	21	clear	none	-57
10:55	0.5	1.2	0.1	3.15	5.39	23.6	1.0	0.49	5.5	"	"	-61
11:00	0.5	1.7	0.1	3.15	5.32	23.8	2.61	0.36	2.5	"	"	-60
11:05	0.5	2.2	0.1	3.15	5.29	23.8	*	0.35	2.16	"	"	-62
11:10	0.5	2.7	0.1	3.15	5.29	23.9	*	0.34	1.94	"	"	-64

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Micah Forbes / ARCADIS		11:11	11:15

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): <100 (MDS 4/14/08)	TUBING MATERIAL CODE:
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-104	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 4/14/08)

REMARKS: conductivity meter readings very strange, may be malfunctioning

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

EB-21 @1650

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Forner ABC Facility	SITE LOCATION:	Tallavese, FL		
WELL NO:	MW-105	SAMPLE ID:	MW-105	DATE:	1.28.08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 41.8 feet to 46.8 feet (MDS 4/14/08)	STATIC DEPTH TO WATER (feet): 4.7	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X feet) + 0.25 gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 9:30	PURGING ENDED AT: 10:05	TOTAL VOLUME PURGED (gallons): 2.8 (MDS 4/14/08)

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
9:35	0.4	0.4	0.1	4.7	6.89	22.8	0.478	0.79	9.94	clear	none	-178
9:40	0.4	0.8	0.1	4.7	6.91	22.9	0.741	0.43	4.9	"	"	-199
9:45	0.4	1.2	0.1	4.9	6.99	23.0	0.9	0.48	2.2	"	"	-205
9:50	0.4	1.6	0.1	4.9	7.10	23.0	0.9	0.37	0	"	"	-217
9:55	0.4	2.0	0.1	5.05	7.11	23.1	2.2	0.36	0	"	"	-225
10:00	0.4	2.4	0.1	5.05	7.12	23.0	3.8	0.36	0	"	"	-228
10:05	0.4	2.8	0.1	5.05	7.16	23.0	*	0.32	0	"	"	-232

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 10:06	SAMPLING ENDED AT: 10:10
Micah Forbes/ARCADIS			

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): <100 (MDS 4/14/08)	TUBING MATERIAL CODE:
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-05	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 4/14/08)

REMARKS: conductivity meter readings very strang. The meter may be malfunctioning

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	TALLEVAST	SITE LOCATION:	SARASOTA, FL	
WELL NO:	MW-106	SAMPLE ID:	MW-106	DATE: 1/24/08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	¼	40 feet to 45 feet		PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 50 feet) + 0.5 gallons = 0.63 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
42.5	42.5	0953	1010	1.36

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1001	0.64	0.64	0.08	7.40	6.71	24.70	293	1.21	5.79	clear	no	2
1004	0.24	0.88	0.08	7.40	6.82	24.68	334	0.93	4.38	clear	no	-39
1007	0.24	1.12	0.08	7.41	6.89	24.69	349	0.79	2.86	clear	no	-80
1010	0.24	1.36	0.08	7.40	6.99	24.68	339	1.08	2.08	clear	no	

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
SW/NS / ARCADIS		1012	1018

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE:
42.5	100	T

FIELD DECONTAMINATION: (Y) N
FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm
Filtration Equipment Type: ____
DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-106	3	CG	40mL	HCl	40mL	—	8260+8260SIM	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast (MDS 4/14/08)	SITE LOCATION: Sarasota FL (MDS 4/14/08)
WELL NO: MW-107	SAMPLE ID: MW-107
	DATE: 1/24/08

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/4"	WELL SCREEN INTERVAL DEPTH: 21 feet to 26 feet	STATIC DEPTH TO WATER (feet): 3.13	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (0.0026 gallons/foot X 26 feet) + 0.25 gallons = 0.32 gallons (MDS 4/14/08)

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 1350 (1313)	PURGING ENDED AT: 1415 (MDS 4/14/08)	TOTAL VOLUME PURGED (gallons): 2.5 (MDS 4/14/08)

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
1355 ~~1355~~	0.5	0.5	0.1	3.77	6.60	22.7	2.94	4.3	6.88	Clear	Cows	160
1400 ~~1358~~	0.5	1.0	↓	3.83	6.60	23.4	2.94	3.5	4.06	↓		155
1405	0.5	1.5		3.89	6.60	23.5	2.94	3.1	2.67			127
1410	0.5	2.0		3.90	6.60	23.8	2.94	3.0	2.00			111
1415	0.5	2.5	↓	3.93	6.60	24.2	2.95	2.9	1.57	↓		104
1420	→	→	Sampled @ 1420									
	(MDS 4/14/08)	(MDS 4/14/08)										

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./FL): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1440	SAMPLING ENDED AT: 1450
ARCADIS			

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): <100 (MDS 4/14/08)	TUBING MATERIAL CODE:
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm Filtration Equipment Type:	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-107	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 4/14/08)

REMARKS:
*Agricultural odors overwhelming GW odor, initial purge.

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. **STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)**
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast (MDS 4/14/08)		SITE LOCATION: Sarasota FL (MDS 4/14/08)	
WELL NO: MW-108	SAMPLE ID: MW-108	DATE: 1/29/08	

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): ¼"	WELL SCREEN INTERVAL DEPTH 23 feet to 28 feet	STATIC DEPTH TO WATER (feet): 3.58	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
~~only fill out if applicable~~
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= Ø gallons + (0.0026 gallons/foot X 28 feet) + .25 gallons = 0.32 gallons (MDS 4/14/08)

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 25	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 25	PURGING INITIATED AT: 1512	PURGING ENDED AT: 1527	TOTAL VOLUME PURGED (gallons): 1.4

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1515	.5	.5	0.1	4.25	5.9	26.7	.55	3.5	8.63	clear	none	145
1518	.3	.8	0.1	4.25	5.8	26.7	.54	5.2	4.37	↓	↓	115
1521	.3	1.1	0.1	4.25	5.8	26.7	.54	5.0	2.27			110
1524	.3	1.4	0.1		5.8	26.8	.54	4.9	1.93	↓	↓	108
1527	→ Sampled @ 1527 ←											

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: KAsey Cornwell YATESMITH ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1527	SAMPLING ENDED AT: 1532
PUMP OR TUBING DEPTH IN WELL (feet): 25	SAMPLE PUMP FLOW RATE (mL per minute): 400 (MDS 4/14/08)	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-108	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 4/14/08)

REMARKS: Initial purge clear w/no noticible odor.

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

*needs 2 Bolts.

Revision Date: February 1, 2004

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

1.02

SITE NAME: TALLEVAST	SITE LOCATION: TALLEN AST, PL	
WELL NO: mw-109	SAMPLE ID: mw-109	DATE: 1-28-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/2	WELL SCREEN INTERVAL DEPTH: 23 feet to 28 feet	STATIC DEPTH TO WATER (feet): 4.35	PURGE PUMP TYPE OR BAILER: PP Geo Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 36 feet) + .25 gallons = 0.34 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 25.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 25.5	PURGING INITIATED AT: 1510	PURGING ENDED AT: 1524	TOTAL VOLUME PURGED (gallons): 1.82

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
8 1518	1.04	1.04	0.13	7.26	6.50	25.1	0.95	0-85	22.3	Clear	NONE	-39
1520	0.26	1.30	0.13	7.96	6.50	25.1	0.93	0.90	16.8	Clear	NONE	-49
1522	0.26	1.56	0.13	8.37	6.49	25.2	0.91	0.74	13.5	Clear	NONE	-60
1524	0.26	1.82	0.13	8.69	6.50	25.2	0.92	0.90	8.14	Clear	NONE	-71

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jennifer King/ARCADIS	SAMPLER(S) SIGNATURES: Jennifer King	SAMPLING INITIATED AT: 1525	SAMPLING ENDED AT: 1528
PUMP OR TUBING DEPTH IN WELL (feet): 25.5	SAMPLE PUMP FLOW RATE (mL per minute): ~490	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
mw-109	3	CG	40ml	HCl	40ml	—	8260	RFPP

REMARKS:
missing 2 bolts

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Tallevast	SITE LOCATION:	Tallevast, FL	
WELL NO:	MW-110	SAMPLE ID:	MW-110	DATE: 1/28/08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	23 feet to 28 feet	5.11	Geopump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (28 feet – 5.11 feet) X 0.16 gallons/foot = 3.66 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 31 feet) + 0.25 gallons = 0.33 gallons

MES 4/14/08

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
25.5	25.5	1053	1107	1.54

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1101	0.88	0.88	0.11	5.69	6.5	23.6	.721	0.7	7.20	clear	NONE	-73
1103	0.22	1.10	0.11	5.81	6.5	23.6	.720	0.6	4.87	clear	NONE	-78
1105	0.22	1.32	0.11	5.91	6.5	23.6	.717	0.6	5.86	clear	NONE	-80
1107	0.22	1.54	0.11	5.99	6.5	23.7	.721	0.6	3.77	clear	NONE	-81

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
BRIDGET STAHL/ARCADIS	Bridget Stahl	1108	1112
PUMP OR TUBING DEPTH IN WELL (feet): 25.5 MES 4/14/08	SAMPLE PUMP FLOW RATE (mL per minute): ~430	TUBING MATERIAL CODE:	Teflon
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-110	3	CG	40ml	HCl	—	—	8260	RFPP

REMARKS:
2nd purge – New Tubing placed in well; 2 bolts missing.

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast (MDS 4/14/08)	SITE LOCATION: Sarasota FL (MDS 4/14/08)
WELL NO: MW-111	SAMPLE ID: MW-111
	DATE: 1/28/08

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/4"	WELL SCREEN INTERVAL DEPTH: 23 feet to 28 feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 28 feet) + .25 gallons = 0.32 gallons (MDS 4/14/08)

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 26	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 26 (MDS)	PURGING INITIATED AT: 1633	PURGING ENDED AT: 1654	TOTAL VOLUME PURGED (gallons): 2.0 (MDS 4/14/08)

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
1638	0.5	0.5	0.1	3.90	6.2	24.4	65	4.8	5.37	Clear	Slight	112
1641	0.3	0.8	0.1	3.83	6.3	24.4	59	5.1	2.63	↓	↓	107
1644	0.3	1.1	0.1	3.81	6.3	24.4	60	5.1	2.20			102
1647	0.3	1.4	0.1	3.91	6.3	24.5	64	5.3	1.32			99
1650	0.3	1.7	0.1	3.90	6.3	24.5	66	5.5	1.06			99
1653	0.3	2.0	0.1		6.3	24.6	66	5.6	1.05			93
1656	→ Sampled @ 1656 ←											
	(MDS 4/14/08)	(MDS 4/14/08)										

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: KLC / ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1656	SAMPLING ENDED AT: 1700
PUMP OR TUBING DEPTH IN WELL (feet): 26	SAMPLE PUMP FLOW RATE (mL per minute): <100 (MDS 4/14/08)	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: µm Filtration Equipment Type: (MDS 4/14/08)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-111	3	CG	40ml	HCL	—	—	8260	RFPP (MDS 4/14/08)

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

Need 1 bolt.

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tellevast	SITE LOCATION: Sarasota, FL	
WELL NO: MW-112	SAMPLE ID: MW-112	DATE: 1/24/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 76 feet to 86 feet	STATIC DEPTH TO WATER (feet): —	PURGE PUMP TYPE OR BAILER: PP Geopump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + 0.0026 gallons/foot X 94 feet) + 0.50 gallons = 0.74 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~81	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~81	PURGING INITIATED AT: 1020	PURGING ENDED AT: 1036	TOTAL VOLUME PURGED (gallons): 1.76

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1027	0.77	0.77	0.11	25.34	7.70	24.96	434	0.43	1.76	clear	yes	-219
1030	0.33	1.10	0.11	26.59	7.88	24.76	414	0.38	1.58	clear	yes	-217
1033	0.33	1.43	0.11	27.25	7.90	24.65	412	0.36	1.69	clear	yes	-218
1036	0.33	1.76	0.11	28.14	7.93	24.60	406	0.38	1.64	clear	yes	-223

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Neil Smith / ARCADIS	SAMPLER(S) SIGNATURES: Neil Smith	SAMPLING INITIATED AT: 1038	SAMPLING ENDED AT: 1045
PUMP OR TUBING DEPTH IN WELL (feet): ~81	SAMPLE PUMP FLOW RATE (mL per minute): ≤100mL	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: Y N	FIELD-FILTERED: Y N FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-112	3	CG	40mL	HCL	—	<2	8260B+826-SIM	RFPP

REMARKS:
Well pressurized

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast (MDS 4/14/08)	SITE LOCATION: Sarasota FL (MDS 4/14/08)
WELL NO: MW-113	SAMPLE ID: MW-113
	DATE: 1/28/08

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/4"	WELL SCREEN INTERVAL DEPTH: 37 feet to 42 feet	STATIC DEPTH TO WATER (feet): 11.31	PURGE PUMP TYPE OR BAILER: PP.

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
~~only fill out if applicable~~
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= Ø gallons + (0.0026 gallons/foot X (P 42 feet) + 0.25 gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: (P 1547) 1550	PURGING ENDED AT: 1610 (MDS 4/14/08)	TOTAL VOLUME PURGED (gallons):

	TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons) (MDS 4/14/08)	PURGE RATE (gpm) (MDS 4/14/08)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
15	1352	0.5	0.5	0.1	12.75	7.3	24.6	28	3.4	3.58	Clear	Slight	167
15	1355				13.16	7.2	24.6	29	3.1	2.26		0	166
15	1358				13.45	7.2	24.6	30	3.0	2.82			166
16	1401				13.47	7.1	24.6	50	2.9	3.45			105
16	1404				13.33	7.1	24.5	53	2.8	3.31			92
16	1407				13.35	7.1	24.5	55	2.6	4.24			60
16	1410					7.1	24.4	55	2.6	2.57			
16	1413	→ Sampled @ 1413 ←											

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Kasey Cornwell / ABB	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: (P 1613)	SAMPLING ENDED AT: 1618
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): 400 (MDS 4/14/08)	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N (MDS 4/14/08)	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type: (MDS 4/14/08)	DUPLICATE: Y (N) (MDS 4/14/08)	

SAMPLE CONTAINER SPECIFICATION (MDS 4/14/08)				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-113	3	CG	40ml	HCl	—	<2	8260	RFPP (MDS 4/14/08)

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

A needs 2 bolts.

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Former ABC Facility	SITE LOCATION:	Tallavese FL	
WELL NO:	MW-114	SAMPLE ID:	MW-114	DATE: 1-24-08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet)	PURGE PUMP TYPE OR BAILER:
2	1/4	35 feet to 40 feet (NOS 4/14/08)	2.45	PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X feet) + 0.25 gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 13:53	PURGING ENDED AT: 1415	TOTAL VOLUME PURGED (gallons): 1.7 (NOS 4/14/08)

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1400	0.2	0.2	0.1	2.7	6.37	23.82	0.250	1.75	0	clear	none	-103
1405	0.3	0.7	0.1	2.7	6.36	23.79	0.247	0.56	0	clear	none	-129
1410	0.5	1.2	0.1	2.7	6.39	24.34	0.244	0.45	0	"	"	-134
1415	0.3	1.7	0.1	2.7	6.42	24.36	0.245	0.39	0	"	"	-137

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1416	SAMPLING ENDED AT: 1420
Micah Forbes / Arcadis			

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): <100 (NOS 4/14/08)	TUBING MATERIAL CODE:

FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW 114	3	CG	40ml	HCl	—	—	8260	RFPP (NOS 4/14/08)

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Former ABC		SITE LOCATION: Tallevast	
WELL NO: MW-115	SAMPLE ID: MW-115		DATE: 1-29-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 20 feet to 25 feet	STATIC DEPTH TO WATER (feet): 6.74	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (.0026 gallons/foot X 28 feet) + 1.25 gallons = .32 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 9:36	PURGING ENDED AT: 1000 MDS 4/14/08	TOTAL VOLUME PURGED (gallons): 2.4 MDS 4/14/08

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
951	1.5	1.5	0.1	8.12	6.59	25.41	0.578	0.74	3.69	none	none noted	-122
954	0.3	1.8	1	8.11	6.59	25.54	0.579	1.08	3.13	↓		-126
957	↓	2.1		8.12	6.59	25.62	0.583	1.15	1.62		↓	-128
1000	↓	2.4	↓	8.13	6.56	25.61	0.584	1.16	1.31	↓		-130
							µS/cm					

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Darrin Johnson	SAMPLER(S) SIGNATURES: Darrin Johnson	SAMPLING INITIATED AT: 1001	SAMPLING ENDED AT: 1005
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): <100 MDS 4/14/08	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-115	3	CL	40mL	HCl	—	—	8260	RFPP MDS 4/14/08

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU, optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Tallevast	SITE LOCATION:	Sarasota FL (MDS 4/14/08)
WELL NO:	MW-116	SAMPLE ID:	MW-116
		DATE:	1/25/08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	0.25	21 feet to 26 feet	1.76	Peristaltic

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) (MDS 4/14/08)

= (26 feet – 24.24 feet) X 0.163 gallons/foot = 0.29 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)

= gallons + (gallons/foot X (MDS 4/14/08) feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
		1350	1420	3.5

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1350	0.5	0.5	0.1	3.35	6.9	25.0	0.430	4.1	2.10	clear	—	127
1355	1-0-0.5	1.0	0.1	3.59	6.8	25.2	0.440	3.2	1.40	clear	—	121
* 1400	0.5	1.5	0.1	3.64	6.9	25.1	*70	5.0	1.32	clear	—	109
1405	0.5	2.0	0.1	3.67	6.3	25.2	69	3.2	0.75	clear	—	827
1410	0.5	2.5	0.1	3.69	6.3	25.2	66	3.1	0.70	clear	—	61
1415	0.5	3.0	0.1	3.69	6.3	25.2	65	3.0	0.61	"	—	37
1420	0.5	3.5	0.1	3.69	6.3	25.3	63	3.0	0.50	"	—	27

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Nathan Smith		1420	1430

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): (MDS 4/14/08)	TUBING MATERIAL CODE:
	< 100	

FIELD DECONTAMINATION: (Y) N (MDS 4/14/08) FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm Filtration Equipment Type: (MDS 4/14/08) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-116	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 4/14/08)

REMARKS: * Re-calibrated Horiba @ 1401 (after recording readings) Time sampled = 1420

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Former ABC	SITE LOCATION:	Tallevast	
WELL NO:	MW-117	SAMPLE ID:	MW-117	DATE: 1/25/07

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/8	37 feet to 41.8 feet	6.60	PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (.0026 gallons/foot X 44 feet) + 1.25 gallons = 0.35 gallons

MDS 9/14/08

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
41.8	38.5	8:45	8:57	1.1

MDS 9/14/08

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
8:48	0.3	0.3	0.1	8.72	7.22	24.37	0.530	0.78	5.68	clear	none
8:51	0.3	0.6	0.1	9.8	7.24	24.41	0.528	0.65	1.86	clear	none
8:54	0.3	0.9	0.1	11.00	7.25	24.49	0.526	0.55	1.35	clear	none
8:57	0.3	1.1	0.1	11.4	7.25	24.50	0.525	0.53	1.76	clear	none

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Darrin Johnson		8:58	9:03

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE:
38.5 MDS 9/14/08	<100 MDS 9/14/08	T

FIELD DECONTAMINATION: Y / N
FIELD-FILTERED: Y / N Filtration Equipment Type: FILTER SIZE: µm
DUPLICATE: Y / N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-117	3	CG	40ml	HCl	—	—	8260	RFPP

MDS 9/14/08

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast (MDS 4/14/08)		SITE LOCATION: Sarasota FL (MDS 4/14/08)	
WELL NO: MW-118	SAMPLE ID: MW-118	DATE: 1/25/08	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/8	WELL SCREEN INTERVAL DEPTH: 20 feet to 24.07 feet (MDS 4/14/08)	STATIC DEPTH TO WATER (feet): 5.95	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH (MDS 4/14/08) - STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet - feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (.0026 gallons/foot X 26 feet) + .25 gallons = 0.32 gallons (MDS 4/14/08)

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 24.07	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 21.57	PURGING INITIATED AT: 8:16	PURGING ENDED AT: 8:34	TOTAL VOLUME PURGED (gallons): 1.8

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
8:25	0.9	0.9	0.1	6.57	7.10	24.85	1.01	0.53	10.22	black	none	-155
8:28	0.3	1.2	0.1	6.60	6.73	24.96	1.01	0.29	7.11	clear	none	-169
8:31	0.3	1.5	0.1	6.61	6.67	24.92	1.01	0.24	3.56			-175
8:34	0.3	1.8	0.1	6.62	6.68	24.97	1.01	0.23	3.64			-177

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Darrin Johnson	SAMPLER(S) SIGNATURES: Darrin Johnson	SAMPLING INITIATED AT: 8:35	SAMPLING ENDED AT: 8:40
PUMP OR TUBING DEPTH IN WELL (feet): 21.57	SAMPLE PUMP FLOW RATE (mL per minute): <100 (MDS 4/14/08)	TUBING MATERIAL CODE: T	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-118	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 4/14/08)

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Former ABC	SITE LOCATION: Tallevast	
WELL NO: MW-119	SAMPLE ID: MW-119	DATE: 1-25-05

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 31 feet to 35.55 feet	STATIC DEPTH TO WATER (feet): 9.33	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) MDS 4/14/08

= (feet - feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) MDS 4/14/08

= 0 gallons + .0026 gallons/foot X 37.5 feet) + .125 gallons = 0.35 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 35.55	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 32.75	PURGING INITIATED AT: 7:50	PURGING ENDED AT: 8:00 MDS 4/14/08	TOTAL VOLUME PURGED (gallons): 1.0 MDS 4/14/08

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
7:54	0.4	0.4	0.1	13.02	11.65	23.78	1.62	1.70	3.68	clear	none	-197
7:57	0.3	0.7	0.1	14.84	11.68	23.78	1.67	1.84	3.81	clear	none	-189
8:00	0.3	1.0	0.1	16.75	11.68	23.85	1.69	1.89	5.03	clear	none	-182

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Darrin Johnson	SAMPLER(S) SIGNATURES: Darrin Johnson	SAMPLING INITIATED AT: 8:01	SAMPLING ENDED AT: 8:06
PUMP OR TUBING DEPTH IN WELL (feet): 32.75 MDS 4/14/08	SAMPLE PUMP FLOW RATE (mL per minute): 100 MDS 4/14/08	TUBING MATERIAL CODE: T	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-119	3	CG	40ml	HCl	—	—	8260	RFPP MDS 4/14/08

REMARKS: Will check cal solution due to high PH reading

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ ~~Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Former ABC	SITE LOCATION: Tallevast	
WELL NO: MW-120	SAMPLE ID: MW120	DATE: 1-25-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 20 feet to 25.3 feet	STATIC DEPTH TO WATER (feet): 2.85	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH (MDS 4/14/08) - STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet - feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (.0026 gallons/foot X 27 feet) + .25 gallons = 0.32 gallons (MDS 4/14/08)

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 25.3	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 22.5	PURGING INITIATED AT: 7:30	PURGING ENDED AT: 7:45	TOTAL VOLUME PURGED (gallons): 1.5

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
7:36	0.6	0.6	0.1	4.20	6.58	23.72	0.791	0.51	1.15	clear	none	-87
7:39	0.3	0.9	0.1	3.61	6.62	23.08	0.796	0.38	0.97	1	1	-99
7:42	0.3	1.2	0.1	3.61	6.65	23.03	0.798	0.51	1.0	1	1	-104
7:45	0.3	1.5	0.1	3.61	6.68	23.03	0.800	0.49	0.93			-112

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Darrin Johnson	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 7:46	SAMPLING ENDED AT: 7:50
PUMP OR TUBING DEPTH IN WELL (feet): 22.5 (MDS 4/14/08)	SAMPLE PUMP FLOW RATE (mL per minute): 200	TUBING MATERIAL CODE: T	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-120	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 4/14/08)

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ Turbidity: ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast (MDS 4/14/08)		SITE LOCATION: Sarasota FL (MDS 4/14/08)	
WELL NO: MW-121	SAMPLE ID: MW-121	DATE: 1/23/08	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/8	WELL SCREEN INTERVAL DEPTH: 18 feet to 23 feet	STATIC DEPTH TO WATER (feet): 8.77	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + (MDS 4/14/08) gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 20.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 20.5	PURGING INITIATED AT: 1600	PURGING ENDED AT: 1612	TOTAL VOLUME PURGED (gallons): 1.2 (MDS 4/14/08)	

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
1603	0.3	0.3	0.1	~~9.94~~	7.01	26.53	0.600	1.21	4.93	Clear		-170
1606	0.3	0.6	0.1	9.94	7.01	26.65	0.602	1.06	2.08	Clear		-175
1609	0.3	0.9	0.1	10.30	6.98	26.65	0.609	0.93	2.22			-214
1612	0.3	1.2	0.1	10.39	6.95	26.60	0.606	0.93	1.64			-240
1615	→ Sampled @ 1615 ←											
	(MDS 4/14/08)	(MDS 4/14/08)										

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = ~~0.0006~~; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: ARCADIS (MDS 4/14/08)	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1615	SAMPLING ENDED AT:
PUMP OR TUBING DEPTH IN WELL (feet): 20.5 (MDS 4/14/08)	SAMPLE PUMP FLOW RATE (mL per minute): 100 (MDS 4/14/08)	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-121	3	CG	40ml	HCl	—	—	8260 (MDS 4/14/08)	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast (MDS 4/14/08)	SITE LOCATION: Sarasota FL (MDS 4/14/08)
WELL NO: MW-122	SAMPLE ID: MW-122
	DATE: 1/25/08

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/4"	WELL SCREEN INTERVAL DEPTH: 21 feet to 26 feet	STATIC DEPTH TO WATER (feet): 6.45	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= Ø gallons + (0.0026 gallons/foot X 26' feet) + 0.25 gallons = 0.32 gallons (MDS 4/14/08)

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 23	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 23	PURGING INITIATED AT: 0900	PURGING ENDED AT: 0925	TOTAL VOLUME PURGED (gallons): 2.0 (MDS 4/14/08)

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
0905	0.5	0.5	0.1	7.05	6.80	20.07	0.906	1.54	1.78	Clear	none	-308
0910	0.5	1.0	1	7.21	6.92	21.51	0.918	1.15	0.64			-320
0915	0.5	1.5	1	7.31	6.92	21.57	0.917	1.09	0.47			-324
0920	0.5	2.0	1	7.39	6.92	21.61	0.914	1.06	0.55			-327
0925	→	→	Sample @ 0925 ←									
	(MDS 4/14/08)	(MDS 4/14/08)										

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Kelsey Cornwell / ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 0925	SAMPLING ENDED AT:
PUMP OR TUBING DEPTH IN WELL (feet): 23	SAMPLE PUMP FLOW RATE (mL per minute): 2100 (MDS 4/14/08)	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-122	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 4/14/08)

REMARKS:
Initial Purge clear, no noticible odor.

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Former ABC	SITE LOCATION:	Tallevast	
WELL NO:	MW-123	SAMPLE ID:	MW-123	DATE: 2-01-08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	375 feet to 395 feet	16.81	PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= 0 gallons + (.0026 gallons/foot X 398 feet) + 1.25 gallons = 1.28 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
395	375	0839	9:15	3.6 MDS 9/14/08

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
9:09	3.0	3.0	0.1	17.79	7.41	24.83	1.20	.28	1.11	clear	none	-305
9:12	.3	3.3	0.1	16.73	7.43	24.85	1.19	.24	1.13	clear	none	-310
9:15	.3	3.6	0.1	16.79	7.43	24.81	1.20	.24	.92	clear	none	-311

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Darrin Johnson MDS 9/14/08	Darrin Johnson MDS 9/14/08	9:16	9:21

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE:
375 MDS 9/14/08	<100 MDS 9/14/08	PE

FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm	DUPLICATE: Y (N)
	Filtration Equipment Type:	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-123	3	CG	40ml	HCl	—	—	8260	RFPP MDS 9/14/08

REMARKS: transducer removed @ 0836 / transducer re-inserted @ 0930

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: TALLEVAST	SITE LOCATION: SARASOTA, FL	
WELL NO: MW-124	SAMPLE ID: MW-124	DATE: 1/24/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 127 feet to 137 feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 142 feet) + 0.5 gallons = 0.87 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 129.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 129.5	PURGING INITIATED AT: 0900	PURGING ENDED AT: 0925	TOTAL VOLUME PURGED (gallons): 1.75

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
0913	0.91	0.91	0.07	17.02	7.28	25.63	1240	3.18	15.1	clear	~~No~~ Yes	-218
0917	0.28	1.19	0.07	17.15	7.29	25.79	1240	3.21	16.5	clear	Yes	-219
0921	0.28	1.47	0.07	17.32	7.29	25.75	1250	3.24	14.3	clear	yes	-220
0925	0.28	1.75	0.07	17.40	7.29	25.79	1240	3.23	16.1	clear	yes	-220

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: NS/SW/ ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 0926	SAMPLING ENDED AT: 0930
PUMP OR TUBING DEPTH IN WELL (feet): 129.5	SAMPLE PUMP FLOW RATE (mL per minute): 100	TUBING MATERIAL CODE: PE/T	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-124	3	CG	40mL	HCl	40mL	—	8260+8260SIM	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Former ABC	SITE LOCATION:	Tallevast	
WELL NO:	MW-12S	SAMPLE ID:	MW-12S	DATE: 1-29-08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	30 feet to 35 feet	7.94	PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (.0026 gallons/foot X 38 feet) + 1.25 gallons = 35 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
35	32.5	[redacted]	11:18	1.8

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
10:56	.6	.6	0.1	17.57	9.14	25.79	.222	6.91	19.3	clear	none
10:59	.3	.9	0.1	18.15	9.13	25.83	.221	6.50	19.4	clear	none
11:02	.3	1.2	0.1	20.76	9.36	25.57	.226	6.11	11.40	clear	none
11:05	.3	1.5	0.1	20.56	9.27	25.63	.232	6.03	8.37	clear	none
11:08	.3	1.8	0.1	21.07	9.33	25.63	.230	5.96	8.56	clear	none

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Darrin Johnson	[signature]	11:09	11:14

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE:
32.5 MDS 4/14/08	<100 MDS 4/14/08	PE

FIELD DECONTAMINATION: (Y) N
FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm
Filtration Equipment Type: ____
DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-12S	3	CG	40ml	HCl	—	—	8260	RFPP

MDS 4/14/08

REMARKS:
new teflon tubing / needs 2 bolts

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **~~Turbidity:~~** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tellevast	SITE LOCATION: Sarasota, FL	
WELL NO: MW-126	SAMPLE ID: MW-126	DATE: 1/24/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 27 feet to 32 feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: pp geopump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (0.0026 gallons/foot X 35 feet) + 0.50 gallons = 0.59 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~30	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~30	PURGING INITIATED AT: 0945	PURGING ENDED AT: 1000	TOTAL VOLUME PURGED (gallons): 3.15

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
0948	0.63	0.63	0.21	14.00	6.40	25.50	604	2.19	43.8	clear	yes	-79
0951	0.63	1.26	0.21	14.53	6.46	25.41	612	1.95	24.6	clear	yes	-93
0954	0.63	1.89	0.21	15.01	6.51	25.40	622	1.52	17.1	clear	yes	-102
0957	0.63	2.52	0.21	15.94	6.53	25.36	634	1.24	16.4	clear	yes	-106
1000	0.63	3.15	0.21	16.46	6.54	25.33	639	1.15	13.0	clear	yes	-108

3

Sed (Cont) 1/24/08

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Neil Smith / ARCADIS	SAMPLER(S) SIGNATURES: Neil Smith	SAMPLING INITIATED AT: 1000	SAMPLING ENDED AT: 1010
PUMP OR TUBING DEPTH IN WELL (feet): ~30	SAMPLE PUMP FLOW RATE (mL per minute): <100 (MDS 4/14/08)	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: Y N	FIELD-FILTERED: Y N FILTER SIZE: ___ µm Filtration Equipment Type:	DUPLICATE: Y X	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-126	3	CG	40 ml	HCl	—	<2	8260B+8260SIM	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

1.63

SITE NAME: TALLEVAST	SITE LOCATION: TALLEVAST, FL	
WELL NO: MW-127	SAMPLE ID: MW-127	DATE: 1-30-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 100 feet to 110 feet	STATIC DEPTH TO WATER (feet): 15.78	PURGE PUMP TYPE OR BAILER: PP Geo Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 113 feet) + 0.25 gallons = 0.54 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 105	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 105	PURGING INITIATED AT: 1146	PURGING ENDED AT: 1209	TOTAL VOLUME PURGED (gallons): 2.30

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/l or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1203	1.70	1.70	0.1	16.01	6.9	26.9	1.14	0.9	5.49	clear	NONE	-97
1205	0.2	1.90	0.1	16.03	6.9	26.9	1.14	0.8	7.97	clear	NONE	-99
1207	0.2	2.10	0.1	16.03	6.9	26.9	1.14	0.8	6.40	Clear	NONE	-100
1209	0.2	2.30	0.1	16.03	7.0	27.0	1.14	0.8	6.39	Clear	NONE	-102

17

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: BRIDGET STAHL / ARCADIS	SAMPLER(S) SIGNATURES: Bridget Stahl	SAMPLING INITIATED AT: 1210	SAMPLING ENDED AT: 1221
PUMP OR TUBING DEPTH IN WELL (feet): 105	SAMPLE PUMP FLOW RATE (mL per minute): 360	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-127	3	CG	40ml	HCl	—	—	8260	RFPP

REMARKS: Sampled w/ transducer in well, 2 bolts missing.

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

1.94

SITE NAME: Tallevast	SITE LOCATION: Tallevast, FL	
WELL NO: MW-128	SAMPLE ID: MW-128	DATE: 1/31/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 140 feet to 150 feet	STATIC DEPTH TO WATER (feet): 19.43	PURGE PUMP TYPE OR BAILER: Geopump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 153 feet) + 0.25 gallons = 0.65 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 145	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 145	PURGING INITIATED AT: 1135	PURGING ENDED AT: 1202	TOTAL VOLUME PURGED (gallons): 2.60

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/l or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1155	2.00	2.00	0.1	25.12	11.60	28.3	2.16	0.66	20.6	Clear	No	-283
1157	0.2	2.20	0.1	25.18	11.60	28.3	2.12	0.66	22.8	Clear	No	-285
1159	0.2	2.40	0.1	25.25	11.60	28.0	2.11	0.66	22.7	Clear	No	-286
1202	0.2	2.60	0.1	25.45	11.58	28.2	2.04	0.63	22.6	Clear	No	-290

20

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jennifer King/Arcadis	SAMPLER(S) SIGNATURES: Jennifer King	SAMPLING INITIATED AT: 1205	SAMPLING ENDED AT: 1220
PUMP OR TUBING DEPTH IN WELL (feet): 145	SAMPLE PUMP FLOW RATE (mL per minute): ~370	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: (Y) N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-128	3	CG	40ml	HCl	—	—	8260	RFPP
DUP-28	3	CG	40ml	HCl	—	—	8260	RFPP

REMARKS: Sampled with transducer, missing 2 bolts

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

1.65

SITE NAME: Tallevast	SITE LOCATION: Tallevast	
WELL NO: mw-129	SAMPLE ID: mw-129	DATE: 1-30-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/2	WELL SCREEN INTERVAL DEPTH: 103 feet to 113 feet	STATIC DEPTH TO WATER (feet): 16.25	PURGE PUMP TYPE OR BAILER: PP Geo Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 116 feet) + .25 gallons = .55 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 108	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 108	PURGING INITIATED AT: 1400	PURGING ENDED AT: 1423	TOTAL VOLUME PURGED (gallons): 2.30

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1407	1.70	1.70	.10	17.70	7.57	25.4	.921	.49	12.6	clear	yes	-223
1419	0.2	1.90	.10	17.71	7.38	25.4	.932	.48	13.3		yes	-220
1421	0.2	2.10	.10	↓	7.30	25.3	.936	.48	13.9		yes	-220
1423	0.2	2.30	.10	↓	7.25	25.3	.940	.47	13.9	↓	yes	-220

17

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jennifer Kmg/ARCADIS	SAMPLER(S) SIGNATURES: Jennifer Kmg	SAMPLING INITIATED AT: 1425	SAMPLING ENDED AT: 1431
PUMP OR TUBING DEPTH IN WELL (feet): 108	SAMPLE PUMP FLOW RATE (mL per minute): ~370	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
mw-129	3	CG	40ml	HCl	—	—	8260	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

1.62

SITE NAME:	Tallevast	SITE LOCATION:	Tallevast, FL	
WELL NO:	MW-130	SAMPLE ID:	MW-130	DATE: 1/30/08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	100 feet to 110 feet	15.26	Geopump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 113 feet) + .25 gallons = .54 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
105	105	0853	0911	2.55

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
905	1.65	1.65	0.15	16.59	7.19	25.3	.654	.84	.62	clear	yes	-223
907	0.30	1.95	0.15	16.60	7.21	25.4	.659	.81	.58	clear	yes	-227
909	0.30	2.25	0.15	16.61	7.21	25.3	.660	.79	.60	clear	yes	-229
911	0.30	2.55	0.15	16.62	7.22	25.4	.661	.78	.25	clear	yes	-231

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Jennifer King / ARCADIS	Jennifer King	913	922

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE:
105	~ 567	

FIELD DECONTAMINATION: (Y) N
FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm
Filtration Equipment Type: ____
DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-130	CG ↔ 3		40ml	HCl	—	—	8260	RFPP

REMARKS:
missing 2 bolts; sampled w/ transducer in well

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Tolleson	SITE LOCATION:	Sarasota, FL	
WELL NO:	MW-131	SAMPLE ID:	MW-131	DATE: 1/31/08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	100 feet to 110 feet	14.38	(pp) geopump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (0.0026 gallons/foot X 112 feet) + 0.25 gallons = 0.54 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
105	105	0855	0911	1.50

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
0900	0.60	0.60	0.10	15.56	7.28	23.49	0.684	0.62	15.0	clear	yes	-302
0903	0.30	0.90	0.10	15.56	7.27	23.50	0.684	0.67	13.4	clear	yes	-304
0908	0.30	1.20	0.10	15.60	7.25	23.53	0.683	0.60	10.24	clear	yes	-309
0911	0.30	1.50	0.10	15.60	7.25	23.52	0.683	0.61	8.1	clear	yes	-310

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Neil Smith / ARCADIS		0915	0920

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE:
105	<100	PE

FIELD DECONTAMINATION: Y / N	FIELD-FILTERED: Y / N Filtration Equipment Type:	FILTER SIZE: ____ µm	DUPLICATE: Y / N
Y	N		N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-131	3	CG	40mL	HCl	~~4~~ 2 ml	<2	8260B + 8260 SIM	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

1.65

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: TALLEVAST	SITE LOCATION: Sarasota FL	MDS 4/14/08	
WELL NO: mw-132	SAMPLE ID: mw-132	DATE: 1-23-08	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 101 feet to 111 feet	STATIC DEPTH TO WATER (feet): 16.10	PURGE PUMP TYPE OR BAILER: Geo Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 114 feet) + .25 gallons = 0.55 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 106	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 106	PURGING INITIATED AT: 1508	PURGING ENDED AT: 1528	TOTAL VOLUME PURGED (gallons): 2.40

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/l or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1522	1.68	1.68	0.12	16.85	7.30	24.9	mS/cm 0.565	2.0	1.89	Clear	n/a	-242
1524	0.24	1.92	0.12	16.70	7.30	24.8	0562	0.5	1.34	Clear	n/a	-255
1526	0.24	2.16	0.12	16.74	7.3	24.9	0.560	0.5	1.06	clear	n/a	-265
1528	0.24	2.40	0.12	16.76	7.2	24.8	0.565	0.4	1.28	clear	n/a	-279

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jennifer King/ARCADIS	SAMPLER(S) SIGNATURES: Jennifer King	SAMPLING INITIATED AT: 1530	SAMPLING ENDED AT: 1540
PUMP OR TUBING DEPTH IN WELL (feet): 106	SAMPLE PUMP FLOW RATE (mL per minute): ~454	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: (Y) JK	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
mw-132	3	CG	40mL	HCL	40mL	–	8260	RFPP
DUP 2	3	CG	40mL	HCL	40mL	–	8260	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: **all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater)** Turbidity: **all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)**

DEP-SOP-001/01
Form FD 9000-24

EB16 @1625

GROUNDWATER SAMPLING LOG

SITE NAME: Former ABC Facility	SITE LOCATION: Tallevast	
WELL NO: MW-133	SAMPLE ID: MW-133	DATE: 1-28-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 100 feet to 110 feet	STATIC DEPTH TO WATER (feet): 14.88	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 108 feet) + 0.25 gallons = 0.53 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 9:12	PURGING ENDED AT: 9:31	TOTAL VOLUME PURGED (gallons): 1.9

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
9:25	1.3	1.3	0.1	15.82	7.38	23.57	.553	0.97	6.69	clear	none	-280
9:28	.3	1.6	0.1	15.85	7.36	23.54	.561	0.94	5.47	"	"	-283
9:31	.3	1.9	0.1	15.85	7.34	23.65	.565	0.92	5.30	"	"	-286

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 9:32	SAMPLING ENDED AT: 9:37
Darrin Johnson/Arcadis	Darrin Johnson		
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): <100 (MDS 9/14/08)	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: (Y) N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
AC MW-133	CG	40mL						
MW-133	3	CG	40mL	HCl	—	—	8260	RFPP
Dup-16	3	CG	40ml	HCl	—	—	8260	RFPP
						4.5	liters removed, total	

MDS 9/14/08

REMARKS: Transducer reinserted @ 10:00
Transducer removed @ 9:07
DUP 16-012808 taken

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast	SITE LOCATION: Sarasota, FL	
WELL NO: MW-134	SAMPLE ID: MW-134	DATE: 2-1-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 103 feet to 113 feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 116 feet) + 0.25 gallons 0.55 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 108	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 108	PURGING INITIATED AT: 1109	PURGING ENDED AT: 1128	TOTAL VOLUME PURGED (gallons): 2.09

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1119	1.10	1.10	0.11	17.38	7.50	27.43	650	1.21	12.2	Clear	None	-341
1122	0.33	1.43	0.11	17.25	7.43	27.34	649	1.27	10.54	Clear	None	-347
1125	0.33	1.76	0.11	17.36	7.38	27.42	649	1.23	7.38	Clear	None	-347
1128	0.33	2.09	0.11	17.37	7.36	27.36	646	1.31	7.64	Clear	None	-323

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: SW/TH / ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1129	SAMPLING ENDED AT: 1132
PUMP OR TUBING DEPTH IN WELL (feet): 108	SAMPLE PUMP FLOW RATE (mL per minute): ≤ 100	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-134	3	CG	40ml	HCl	40ml	—	8260B 8260Bm	RFPP

REMARKS:
Transducer removed @ 1040 Replaced @ 1131

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: ~~MW-135~~ Tallevast (MDS 4/14/08)		SITE LOCATION: Sarasota FL (MDS 4/14/08)	
WELL NO: MW-135	SAMPLE ID: MW-135	DATE: 1/28/08	

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH: 94 feet to 104 feet	STATIC DEPTH TO WATER (feet): 15.43	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= Ø gallons + (.0026 gallons/foot X 104 feet) + .25 gallons = 0.58 gallons (MDS 4/14/08)

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 99	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 99	PURGING INITIATED AT: 1035	PURGING ENDED AT: 1055	TOTAL VOLUME PURGED (gallons): 2.0 (MDS 4/14/08)

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1037	0.2	0.2	0.1	15.75	7.2	23.2	81	4.1	8.35	Clear	Slight	138
1040	0.3	0.5	↓	15.79	7.2	23.3	81	3.6	50.0	Cloudy	0	123
1043	0.3	0.8		15.79	7.1	23.8	82	3.2	46.7			125
1046	0.3	1.1		15.79	7.0	23.8	82	2.9	21.2			123
1049	0.3	1.4		15.80	7.0	23.8	82	2.8	21.4			121
1052	0.3	1.7		15.80	7.0	23.8	82	2.7	21.7			
1055	0.3	2.0	↓	15.80	7.0	23.8	82	2.7	21.4			
1100	→ Sampled @ 1100 ←											
	(MDS 4/14/08)	(MDS 4/14/08)										

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: KLC / ~~ARCA~~ ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1100	SAMPLING ENDED AT: 1105
PUMP OR TUBING DEPTH IN WELL (feet): 99	SAMPLE PUMP FLOW RATE (mL per minute): 200 (MDS 4/14/08)	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm; Filtration Equipment Type:	DUPLICATE: (Y) N DUP 15	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-135	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 4/14/08)
Dup-15	3	CG	40ml	HCl	—	—	8260	RFPP

REMARKS:
Initial purge clear, slight sulfur odor.

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

* Transducer in well

Revision Date: February 1, 2004

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Former ABC Facility	SITE LOCATION: Tallavese, FL	
WELL NO: MW-[redacted]136	SAMPLE ID: MW-136	DATE: 1.29.08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 98.5 feet to 108.5 feet	STATIC DEPTH TO WATER (feet): 14.5	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 108.5 feet) + 0.25 gallons = 0.53 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 108.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 108.5	PURGING INITIATED AT: 8:15	PURGING ENDED AT: 8:45	TOTAL VOLUME PURGED (gallons): 2.00

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
8:25	1.0	1.0	6.1	16.3	7.32	22.9	0.76	0.63	0	Clear	none	-253
8:30	0.25	1.25	0.05	16.05	7.38	22.5	0.84	0.59	0	"	"	-253
8:35	0.25	1.50	0.05	15.9	7.35	22.7	0.90	0.45	0	"	"	-260
8:40	0.25	1.75	0.05	15.8	7.37	22.8	0.90	0.51	0	"	"	-261
8:45	0.25	2.00	0.05	15.7	7.37	22.8	0.9	0.50	0	"	"	-265

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Micah Forbes / ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 8:46	SAMPLING ENDED AT: 8:50
PUMP OR TUBING DEPTH IN WELL (feet): 108.5 MDS 4/14/08	SAMPLE PUMP FLOW RATE (mL per minute): <100 MDS 4/14/08	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-136	3	CG	40ml	HCl	—	—	8260	RFPP MDS 4/14/08

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Tellevast	SITE LOCATION:	Sarasota, FL	
WELL NO:	MW-137	SAMPLE ID:	MW-137	DATE: 1/29/08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	17 feet to 22 feet	2.62	(PP) geopump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (10.50)
(only fill out if applicable)
= gallons + (0.002 gallons/foot X 28 feet) + 0.25 gallons = 0.32 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
~19	~19	0855	0909	1.40

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
0900	0.50	0.50	0.10	3.86	6.99	22.31	825	1.32	2.78	clear	yes	-141
0903	0.30	0.80	0.10	4.04	6.84	22.85	794	1.29	2.05	clear	yes	-145
0906	0.30	1.20	0.10	4.06	6.85	22.92	796	1.16	1.80	clear	yes	-148
0909	0.30	1.40	0.10	4.06	6.84	22.99	808	1.15	2.16	clear	yes	-148

Neil Smith 1/29/08

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Neil Smith / ARCADIS	Neil Smith	0910	0915
PUMP OR TUBING DEPTH IN WELL (feet): ~19	SAMPLE PUMP FLOW RATE (mL per minute): ≤200	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: Y / N	FIELD-FILTERED: Y / N FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y / N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-137	3	CG	40ml	HCl	—	<2	8260B+8260 SIM	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tellevast	SITE LOCATION: Sarasota, FL	
WELL NO: MW-138	SAMPLE ID: MW-138	DATE: 1/29/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 38 feet to 43 feet	STATIC DEPTH TO WATER (feet): 10.09	PURGE PUMP TYPE OR BAILER: (PP) geopump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (0.0026 gallons/foot X 47 feet) + 0.25 gallons = (0.40) 0.372 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~40½	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~40½	PURGING INITIATED AT: 0810	PURGING ENDED AT: 0835	TOTAL VOLUME PURGED (gallons): 3.00

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
0814	0.48	0.48	0.12	12.74	6.90	22.25	1140	1.81	52.0	clear	Yes	-142
0817	0.36	0.84	0.12	13.05	6.95	22.36	1140	1.64	23.1	clear	Yes	-149
0820	0.36	1.20	0.12	13.52	6.98	22.44	1130	1.56	18.6	clear	Yes	-152
0823	0.36	1.56	0.12	13.61	6.99	22.53	1130	1.45	11.0	clear	Yes	-155
0826	0.36	1.92	0.12	13.62	7.08	22.70	1120	1.15	6.70	clear	Yes	-169
0829	0.36	2.28	0.12	13.63	7.11	22.70	1120	1.08	4.2	clear	Yes	-175
0832	0.36	2.64	0.12	13.75	7.13	22.79	1120	1.05	4.04	clear	Yes	-181
0835	0.36	3.00	0.12	13.76	7.16	22.86	1110	0.90	3.30	clear	Yes	-187

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Neil Smith / ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 0838	SAMPLING ENDED AT: 0845
PUMP OR TUBING DEPTH IN WELL (feet): ~40½	SAMPLE PUMP FLOW RATE (mL per minute): ≤ 100	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: Y N	FIELD-FILTERED: Y N Filtration Equipment Type:	FILTER SIZE: ___ µm	DUPLICATE: Y N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-138	3	CG	40ml	HCL	–	<2	8260B+8260SIM	RFPP

REMARKS:
Need one (1) extra bolt for manhole cover

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tellevast	SITE LOCATION: Sarasota, FL	
WELL NO: MW-139	SAMPLE ID: MW-139	DATE: 1/29/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 147 feet to 157 feet	STATIC DEPTH TO WATER (feet): 14.92	PURGE PUMP TYPE OR BAILER: (PP) geopump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (0.70)
(only fill out if applicable)
= gallons + (0.0026 gallons/foot X 163 feet) + 0.25 gallons = 0.67 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~152	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~152	PURGING INITIATED AT: 0940	PURGING ENDED AT: 0958	TOTAL VOLUME PURGED (gallons): 1.60

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
0947	0.70	0.70	0.10	6.92	7.47	23.31	715	1.47	3.09	clear	yes	-236
0952 ~~0945~~	0.30	1.00	0.10	6.92	7.48	23.35	715	1.29	1.96	clear	yes	-240
0955 ~~0948~~	0.30	1.30	0.10	6.92	7.47	23.41	715	1.24	2.31	clear	yes	-243
0958 ~~0951~~	0.30	1.60	0.10	6.92	7.47	23.37	715	1.15	1.45	clear	yes	-245

1/29/08

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Neil Smith / ARCADIS	SAMPLER(S) SIGNATURES: Neil Smith	SAMPLING INITIATED AT: 1000	SAMPLING ENDED AT: 1005
PUMP OR TUBING DEPTH IN WELL (feet): ~152	SAMPLE PUMP FLOW RATE (mL per minute): 400	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: Y N	FIELD-FILTERED: Y N Filtration Equipment Type: ____	FILTER SIZE: ____ µm	DUPLICATE: Y N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-139	3	CG	40ml	HCl	–	<2	8260B&8260SIM	RFPP

REMARKS: Placed new tubing in well to 152' - Purge initial - color "blue" then clear - Need Bolts for cap

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Former ABC facility	SITE LOCATION:	Tallarese, FL	
WELL NO:	MW.140	SAMPLE ID:	MW.140	DATE: 1.29.08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	280 feet to 300 feet	13.8	PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (300 feet – 13.8 feet) X 0.16 gallons/foot = 45.8 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 280 feet) + 0.25 gallons = 0.978 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
280	280	9:15	10:05	4.5

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
9:25	1.0	1.0	0.1	15.45	8.00	21.8	0.74	1.4	35	slt turbid	none	-260
9:30	0.5	1.5	0.1	15.8	7.77	21.9	0.74	1.66	33	"	"	-258
9:35	0.5	2.0	0.1	15.8	7.67	21.8	0.74	1.67	156	"	"	-253
9:40	0.5	2.5	0.1	15.8	7.67	22.4	0.74	1.54	75	"	"	-253
9:45	0.5	3.0	0.1	16.4	7.69	22.3	0.74	1.48	74	"	"	-256
9:50	0.5	3.5	0.1	16.4	7.71	22.4	0.74	1.43	39	"	"	-256
9:55	0.5	4.0	0.1	16.6	7.75	22.7	0.751	1.30	21	"	"	-262
10:00	0.25	4.25	0.05	16.6	7.78	22.4	0.743	1.21	20	"	"	-257
10:05	0.25	4.50	0.05	16.6	7.78	22.7	0.741	1.20	17	"	"	-259

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Micah Forbes / ARCADIS		10:06	10:10

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE:
280 MDS 4/14/08	<100 MDS 4/14/08	

FIELD DECONTAMINATION:	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm	DUPLICATE: Y (N)
Y			

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW140	3	CG	40ml	HCl	—	—	8260	RFPP MDS 4/14/08

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tellerust	SITE LOCATION: Sarasota, FL	
WELL NO: MW-141	SAMPLE ID: MW-141	DATE: 4/29/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 15 feet to 20 feet	STATIC DEPTH TO WATER (feet): 2.65	PURGE PUMP TYPE OR BAILER: (PP) geopump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (0.0026 gallons/foot X 35 feet) + 0.25 gallons = 0.34 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~17.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~17.5	PURGING INITIATED AT: 1235	PURGING ENDED AT: 1244	TOTAL VOLUME PURGED (gallons): 2.10

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1238	0.42	0.42	0.14	4.12	7.10	24.19	727	0.80	4.31	clear	yes	-202
1241	0.42	0.84	0.14	4.19	7.08	24.12	727	0.54	2.13	clear	yes	-206
1244	0.42	2.10	0.14	4.20	7.06	24.17	720	0.44	1.53	clear	yes	

Neil Lund 4/29/08

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Neil Lund / ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1245	SAMPLING ENDED AT: 1250
PUMP OR TUBING DEPTH IN WELL (feet): ~17.5	SAMPLE PUMP FLOW RATE (mL per minute): ≤100	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: Y N	FIELD-FILTERED: Y N Filtration Equipment Type:	FILTER SIZE: ___ µm	DUPLICATE: Y N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-141	3	CG	40ml	HCl	–	<2	8260B+8260B low	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU, optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Televast	SITE LOCATION: Sarasota, FL	
WELL NO: MW-142	SAMPLE ID: MW-142	DATE: 1/29/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 26 feet to 31 feet	STATIC DEPTH TO WATER (feet): 2.55	PURGE PUMP TYPE OR BAILER: (pp) Geopump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (0.40)
(only fill out if applicable)
= gallons + (0.0026 gallons/foot X 40 feet) + 0.25 gallons = 0.35 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~28	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~28	PURGING INITIATED AT: 1255	PURGING ENDED AT: 1308	TOTAL VOLUME PURGED (gallons): 1.56

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1259	0.48	0.48	0.12	3.02	6.14	23.78	641	0.47	3.42	clear	yes	-149
1302	0.36	0.84	0.12	3.04	6.08	23.77	625	0.40	4.99	clear	yes	-150
1305	0.36	1.20	0.12	3.04	6.07	23.75	621	0.36	4.38	clear	yes	-152
1308	0.36	1.56	0.12	3.06	6.07	23.75	623	0.34	4.10	clear	yes	-152

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Neil Smith / ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1309	SAMPLING ENDED AT: 1315
PUMP OR TUBING DEPTH IN WELL (feet): ~28	SAMPLE PUMP FLOW RATE (mL per minute): ≤ 100	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: Y N	FIELD-FILTERED: Y N FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-142	3	CG	40ml	HCl	—	<2	8260B+8260SIM	RFPP

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Former ABC Facility	SITE LOCATION:	Tallavese, FL	
WELL NO:	MW-143	SAMPLE ID:	MW-143	DATE: 1.29.08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	96 feet to 106 feet	13.4	PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME 0.52
(only fill out if applicable)
= 0 gallons + 0.0026 gallons/foot X 106 feet) + 0.25 gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
101	101	12:44	13:10	1.75

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
12:50	0.5	0.5	0.1	13.4	7.24	23.9	0.55	0.58	22	clear	none	-246
12:55	0.5	1.0	0.1	13.4	7.22	23.9	0.52	0.42	0	"	"	-257
13:00	0.25	1.25	0.05	13.45	7.21	23.9	0.52	0.33	0	"	"	-262
13:05	0.25	1.50	0.05	13.4	7.20	23.9	0.52	0.31	0	"	"	-265
13:10	0.25	1.75	0.05	13.4	7.20	23.9	0.52	0.32	0	"	"	-265

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Micah Forbes / ARCADIS		13:11	13:15

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE:
101 (MDS 4/14/08)	<100 (MDS 4/14/08)	

FIELD DECONTAMINATION:	FIELD-FILTERED:	FILTER SIZE:	DUPLICATE:
(Y) N	Y (N)	µm	Y (N)

Filtration Equipment Type:

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-143	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 4/14/08)

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tellevast	SITE LOCATION: Sarasota, FL	
WELL NO: MW-144	SAMPLE ID: MW-144	DATE: 1/29/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 140 feet to 150 feet	STATIC DEPTH TO WATER (feet): 14.82	PURGE PUMP TYPE OR BAILER: (PP) geo pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (0.20)
(only fill out if applicable)
= gallons + (0.0026 gallons/foot X 160 feet) + 0.25 gallons = 0.68 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~145	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~145	PURGING INITIATED AT: 1118	PURGING ENDED AT: 1213	TOTAL VOLUME PURGED (gallons): 3.30

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1130	0.72	0.72	0.06	18.36	7.47	23.75	685	1.09	56.8	clear	yes	-283
1136	0.36	1.08	0.06	18.81	7.44	23.72	688	0.92	114	clear	yes	-285
1142	0.36	1.44	0.06	19.03	7.42	23.76	692	0.86	101.7	clear	yes	-286
~~1148~~ 1148	~~1154~~	0.36	1.80	0.06	19.33	7.40	23.84	694	0.80	70.6	clear	yes	-288
1153	1159	0.30	2.10	0.06	19.56	7.37	23.82	698	0.77	44.2	clear	yes	-291
1158	~~1204~~	0.30	2.40	0.06	19.60	7.37	23.84	698	0.74	28.8	clear	yes	-292
1203	~~1209~~	0.30	2.70	0.06	19.65	7.36	23.86	699	0.70	20.0	clear	yes	-293
1208	1208	0.30	3.00	0.06	19.71	7.34	23.87	700	0.67	13.8	clear	yes	-295
1213	0.30	3.30	0.06	19.74	7.35	23.86	700	0.65	10.37	clear	yes	-294

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Neil Smith / ARCADIS	SAMPLER(S) SIGNATURE:	SAMPLING INITIATED AT: 1214	SAMPLING ENDED AT: 1220
PUMP OR TUBING DEPTH IN WELL (feet): ~145	SAMPLE PUMP FLOW RATE (mL per minute): 200	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: Y N	FIELD-FILTERED: Y N Filtration Equipment Type: FILTER SIZE: ____ µm	DUPLICATE: Y N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-144	3	CG	40ml	HCl	–	<2	8260B+8260SIM	RFPP

REMARKS:
Placed new dedicated tubing in well (NS) = Neil Smith

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Former ABC Facility	SITE LOCATION:	Tallavese, FL	
WELL NO:	MW-145	SAMPLE ID:	MW-145	DATE: 1.29.08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	280 feet to 300 feet	13.18	PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME 0.978
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 280 feet) + 0.25 gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
280	280	10:50	11:25	3

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
11:00	1.0	1.0	0.1	15.3	7.54	23.9	0.640	0.38	16	clear	none	-292
11:05	0.5	1.5	0.1	15.3	7.52	23.97	0.641	0.35	21	"	"	-299
11:10	0.5	2.0	0.1	16.05	7.51	23.9	0.640	0.34	9	"	"	-301
11:15	0.5	2.5	0.1	16.05	7.50	23.9	0.691	0.35	13	"	"	-302
11:20	0.25	2.75	0.05	16.25	7.50	24.0	0.642	0.34	5	"	"	-306
11:25	0.25	3.00	0.05	16.15	7.51	23.9	0.643	0.37	7	"	"	-309

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Micah Forbes / ARCADIS		11:26	11:30

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE:
280 (MDS 9/14/08)	<100 (MDS 9/14/08)	

FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm Filtration Equipment Type:	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-145	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 9/14/08)

REMARKS: Missing J-plug

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

1.05

SITE NAME: TALLEVAST	SITE LOCATION: TALLEVAST	
WELL NO: MW-146	SAMPLE ID: MW-146	DATE: 1-29-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 19.5 feet to 24.5 feet	STATIC DEPTH TO WATER (feet): 2.95	PURGE PUMP TYPE OR BAILER: PP (MDS 9/14/07)

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 37.5 feet) + .25 gallons = .35 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 22	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 22	PURGING INITIATED AT: 1128	PURGING ENDED AT: 1141	TOTAL VOLUME PURGED (gallons): 2.21

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/l or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1135	1.19	1.19	0.17	3.50	6.6	24.8	.558	1.5	19.6	clear	N	-18
1137	.34	1.53	0.17	3.69	6.5	24.7	.557	0.6	14.9	Clear	N	-10
1139	.34	1.87	0.17	3.80	6.4	24.8	.565	0.5	4.0	clear	N	-19
1141	.34	2.21	0.17	3.80	6.4	24.8	.571	0.5	3.0	clear	N	-33

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: BRIDGE 2 STATE Jennifer King/ARCADIS	SAMPLER(S) SIGNATURES: Jennifer King Bridget Stahl	SAMPLING INITIATED AT: 1143	SAMPLING ENDED AT: 1149
PUMP OR TUBING DEPTH IN WELL (feet): 22	SAMPLE PUMP FLOW RATE (mL per minute): ~640	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
mw-146	3	CG	40ml	HCl	—	—	8260	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

1.05

SITE NAME: Tallevast	SITE LOCATION: Tallevast FL	
WELL NO: mw-147	SAMPLE ID: mw-147	DATE: 1-29-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 29.5 feet to 34.5 feet	STATIC DEPTH TO WATER (feet): 2.91	PURGE PUMP TYPE OR BAILER: PP (MDS 4/14/08)

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 37.5 feet) + .25 gallons = 0.35 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 32	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 32	PURGING INITIATED AT: 1038	PURGING ENDED AT: 1051	TOTAL VOLUME PURGED (gallons): 2.21

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1045	1.19	1.19	0.17	4.19	7.2	24.4	.511	.6	8.05	clear	slo	-171
1047	0.34	1.53	0.17	4.25	7.3	24.4	.507	.5	0.46	clear	slo	-186
1049	0.34	1.87	0.17	4.29	7.3	24.4	.502	0.5	0.11	clear	slo	-194
1051	0.34	2.21	0.17	4.31	7.3	24.4	.508	0.5	0.25	clear	slo	-203

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jennifer Kirk / ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1053	SAMPLING ENDED AT: 1059
PUMP OR TUBING DEPTH IN WELL (feet): 32	SAMPLE PUMP FLOW RATE (mL per minute): 640	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
mw-147	3	CG	40ml	HCl	40ml	—	8260	RFPP

REMARKS: missing bolt

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

1.59

SITE NAME: TALLEVAST	SITE LOCATION: TALLEVAST FL	
WELL NO: MW-148	SAMPLE ID: MW-148	DATE: 1-29-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 95.5 feet to 105.5 feet	STATIC DEPTH TO WATER (feet): 13.52	PURGE PUMP TYPE OR BAILER: PP Bel Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 108.5 feet) + .25 gallons = 0.53 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 100.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 100.5	PURGING INITIATED AT: 1042	PURGING ENDED AT: 1102	TOTAL VOLUME PURGED (gallons): 2.40

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1056	1.68	1.68	0.12	13.75	7.20	24.5	.564	0.50	9.07	clear	yes
1058	0.24	1.92	0.12	13.75	7.21	24.6	.564	0.50	7.15	clear	yes
1100	0.24	2.16	0.12	13.75	7.22	24.6	.562	0.49	6.76	clear	yes
1102	0.24	2.40	0.12	13.75	7.22	24.5	.563	0.48	4.23	clear	yes

OPP
1056 -260
1058 -265
1100 -270
1102 -274

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: BRIDGET STAHL/ARCADIS	SAMPLER(S) SIGNATURES: Bridget Stahl	SAMPLING INITIATED AT: 1103	SAMPLING ENDED AT: 1108
PUMP OR TUBING DEPTH IN WELL (feet): 100.5	SAMPLE PUMP FLOW RATE (mL per minute): ~ 440	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID / CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-148	3	CG	40ml	HCl	—	—	8260	RFPP

REMARKS: missing 2 bolts

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

1.98

SITE NAME: TALLEVAST	SITE LOCATION: TALLEVAST FL 30	
WELL NO: MW-149	SAMPLE ID: MW-149	DATE: 1-25-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 145 feet to 155 feet	STATIC DEPTH TO WATER (feet): 54	PURGE PUMP TYPE OR BAILER: PP GeoPump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 158 feet) + ~25 gallons = .66 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 150	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 150	PURGING INITIATED AT: 1518	PURGING ENDED AT: 1540	TOTAL VOLUME PURGED (gallons): 2.86

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1534	2.08	2.08	.13	23.28	7.27	25.0	.568	0.45	4.56	clear	yes
1536	.26	2.34	.13	23.63	7.27	25.0	.568	0.45	4.56	clear	yes
1538	.26	2.60	.13	23.97	7.28	25.1	.568	0.45	4.80	clear	yes
1540	.26	2.86	.13	24.31	7.28	25.1	.568	0.45	4.49	clear	yes

RPP
16
-217
-217
-219
-221

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jennifer King/ARCADIS	SAMPLER(S) SIGNATURES: Jennifer King	SAMPLING INITIATED AT: 1541	SAMPLING ENDED AT: 1549
PUMP OR TUBING DEPTH IN WELL (feet): 150	SAMPLE PUMP FLOW RATE (mL per minute): ~490	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: Y N	FIELD-FILTERED: Y N Filtration Equipment Type:	FILTER SIZE: ____ µm	DUPLICATE: Y N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-149	3	CG	40ml	HCl	40 ml	—	8260	RFPP

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast	SITE LOCATION: Tallevast, FL	
WELL NO: MW-150	SAMPLE ID: MW-150	DATE: 1/29/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 285 feet to 305 feet	STATIC DEPTH TO WATER (feet): 139.3	PURGE PUMP TYPE OR BAILER: Geopump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (.0026 gallons/foot X 338 feet) + 0.25 gallons = 1.13 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 285	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 285	PURGING INITIATED AT: 1142	PURGING ENDED AT: 1231	TOTAL VOLUME PURGED (gallons): 3.92

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1225	3.44	3.44	0.08	22.26	7.67	24.1	.612	0.47	4.83	clear	yes	-259
1227	0.16	3.60	0.08	22.50	7.69	24.1	.611	0.47	3.86	clear	yes	-261
1229	0.16	3.76	0.08	22.58	7.69	24.1	.613	0.48	2.28	clear	yes	-261
1231	0.16	3.92	0.08	22.64	7.69	24.1	.613	0.47	2.86	clear	yes	-261

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: BRIDGET STAHL / ARCADIS	SAMPLER(S) SIGNATURES: Bridget Stahl	SAMPLING INITIATED AT: 1233	SAMPLING ENDED AT: 1240
PUMP OR TUBING DEPTH IN WELL (feet): 285	SAMPLE PUMP FLOW RATE (mL per minute): ~320	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-150	3	CG	40ml	HCl	—	—	8260	RFPP

REMARKS: missing 2 bottles

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast (MOS 4/14/08)		SITE LOCATION: Sarasota FL (MOS 4/14/08)	
WELL NO: MW-151	SAMPLE ID: MW-151	DATE: 1/23/08	

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 17 feet to 22 feet	STATIC DEPTH TO WATER (feet): 3.95	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= ~~0~~ gallons + (0.0026 gallons/foot X 22 feet) + .25 gallons = .31 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 20	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 20	PURGING INITIATED AT: 1028	PURGING ENDED AT: 1050	TOTAL VOLUME PURGED (gallons): 0.6

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
1033			0.1	4.99	6.1	26.2	0.785	3.7	27.4	Clear	none	58
1036			0.1	5.08	6.1	26.2	0.784	3.4	16.6			60
1039				5.10	6.0	26.2	0.781	2.9	14.9			64
1042				5.10	6.0	26.2	0.777	2.7	10.86			64
1045				5.11	6.0	26.3	0.778	2.6	6.29			65
1048				5.10	6.0	26.3	0.775	2.5	7.41			64
1050 → Sampled @ 1150												

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: KLC/ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1050	SAMPLING ENDED AT: 1155
PUMP OR TUBING DEPTH IN WELL (feet): 20	SAMPLE PUMP FLOW RATE (mL per minute): <100 (MOS 4/14/08)	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-151	3	CG	40ml	HCl	—	—	8260	RFPP	(MOS 4/14/08)

REMARKS:
Initial purge: clear no distinct odor.

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** all readings ≤ 20 NTU; ~~optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast.		SITE LOCATION: Sarasota FL	MDS 4/14/08
WELL NO: MW-152	SAMPLE ID: MW-152		DATE: 1/23/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: 37.5 feet to 42.5 feet	STATIC DEPTH TO WATER (feet): 7.21	PURGE PUMP TYPE OR BAILER: GeoPump (Peristaltic)

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (42.5 feet − 7.21 feet) X 0.163 gallons/foot = 5.75 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 40	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 40	PURGING INITIATED AT: 10:10	PURGING ENDED AT: 10:44	TOTAL VOLUME PURGED (gallons): 3.0

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
10:15	0.3	0.3	0.1	7.22	7.40	27.22	0.587	5.02	1.48	clear	~~Clear~~ 0.K	190
10:18	0.3	0.6	0.1	7.99	7.38	26.55	0.625	3.90	1.18	"	"	175
10:21	↓	0.9	0.1	8.59	7.38	26.47	0.625	3.77	1.23	"	"	164
10:24		1.2	0.1	9.47	7.37	26.44	0.624	3.69	1.78	"	"	75
10:27		1.5	0.1	10.15	7.36	26.42	0.628	3.60	1.55	"	"	-61
10:30		1.8	0.1	10.62	7.36	26.44	0.631	3.55	1.41	"	"	-84
10:33		2.1	0.1	11.05	7.35	26.52	0.631	3.40	1.39	"	"	-113
10:36		2.4	0.1	11.60	7.35	26.53	0.639	3.18	1.90	"	"	-131
10:39		2.7	0.1	12.14	7.36	26.44	0.639	3.08	1.56	"	"	-134
10:42	↓	3.0	0.1	12.69	7.36	26.28	0.650	3.00	0.99	"	"	-146

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Nathan Smith / ARCADIS	SAMPLER(S) SIGNATURES: Nathan Smith	SAMPLING INITIATED AT: 10:44	SAMPLING ENDED AT: 10:48
PUMP OR TUBING DEPTH IN WELL (feet): 40 (MDS 4/14/08)	SAMPLE PUMP FLOW RATE (mL per minute): <100 (MDS 4/14/08)	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N (MDS 4/14/08)	FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm Filtration Equipment Type: (MDS 4/14/08)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-152	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 4/14/08)

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** all readings ≤ 20 NTU; ~~optionally ± 5 NTU or ± 10% (whichever is greater)~~

*needs 2 bolts.

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast (MDS 9/14/08)		SITE LOCATION: Sarasota FL (MDS 9/14/08)	
WELL NO: MW-~~23~~ 153	SAMPLE ID: MW-153	DATE: 1/24/08	

PURGING DATA

(MDS 9/14/08)

WELL DIAMETER (inches):	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 97 feet to 107 feet	STATIC DEPTH TO WATER (feet): 10.20	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= Ø gallons + (0.0026 gallons/foot X 107 feet) + 0.25 gallons = ~~Ø~~ 0.53 gallons (MDS 9/14/08)

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 103	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 103	PURGING INITIATED AT: 1005	PURGING ENDED AT: 1031	TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
1008				10.37	7.13	25.57	0.558	1.47	143	GRAY	Strong	-287
1011				10.43	7.16	25.65	0.561	1.12	60.5	Cloudy		-306
1014				10.69	7.18	25.70	0.569	1.04	37.10	Clear		-315
1017				10.72	7.18	25.77	0.570	1.01	27.90			-318
1020				10.75	7.18	25.80	0.573	0.99	20.4			-321
1023				10.78	7.18	25.79	0.580	0.98	24.4			-323
1026				10.78	7.18	25.77	0.591	0.98	14.5			-325
1029				10.78	7.18	25.80	0.593	0.97	10.79			-327
1031				10.78	7.18	25.73	0.583	0.97	9.48			-329

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1035	SAMPLING ENDED AT: 1045
Kasey Cornwell / ARCADIS			

PUMP OR TUBING DEPTH IN WELL (feet): 103	SAMPLE PUMP FLOW RATE (mL per minute): <100 (MDS 9/14/08)	TUBING MATERIAL CODE:
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm Filtration Equipment Type:	DUPLICATE: (Y) N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-153	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 9/14/08)

REMARKS:
* Strong odor, initial purge dark gray let Purge 3 minutes Befor Hooking up to Horiba.

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ ~~Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

* @ time of first reading light Gray incolor.

Revision Date: February 1, 2004

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast MDS 4/14/08		SITE LOCATION: Sarasota FL MDS 4/14/08	
WELL NO: MW-154	SAMPLE ID: MW-154 MDS 4/14/08	DATE: 1/23/08	

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 144.5 feet to 154.5 feet	STATIC DEPTH TO WATER (feet): 11.25	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= Ø gallons + (0.0026 gallons/foot X 154.5 feet) + 0.25 gallons = .65 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 150'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 150'	PURGING INITIATED AT: 936	PURGING ENDED AT: 956 MDS 4/14/08	TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
~~1039~~ 939				11.97	7.4	24.9	0.433	3.3	2.16	Clear	Slight*	159
~~1042~~ 942				12.34	7.4	25.3	0.427	2.8	1.56	Clear		32.
~~1050~~ 950				12.82	7.4	25.4	0.427	2.7	1.27			8
~~1053~~ 953				13.03	7.4	25.3	0.428	2.6	1.03			-9
~~1056~~ 956					7.4	25.5	0.424	2.5	1.03			-3
1000 → SAMPLED @ 1000 ←												

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: KASEY / ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1000	SAMPLING ENDED AT:
PUMP OR TUBING DEPTH IN WELL (feet): 155	SAMPLE PUMP FLOW RATE (mL per minute): <100 MDS 4/14/08	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-154	3	CG	40ml	HCl	—	—	8260	RFPP

MDS 4/14/08

REMARKS:
Slight rotten Egg/sulfur smell @ initial purge.

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

3.785 L = 1 Gallon.

Revision Date: February 1, 2004

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast (MDS 4/14/08)		SITE LOCATION: Sarasota FL (MDS 4/14/08)	
WELL NO: MW-155	SAMPLE ID: MW-155	DATE: 1/24/08	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: 284 feet to 304 feet	STATIC DEPTH TO WATER (feet): 9.93	PURGE PUMP TYPE OR BAILER: Peristaltic

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)

= (304 feet – 9.93 feet) X ~~47.~~ 0.163 gallons/foot = 47.9 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)

= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 10:15	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 10:15	PURGING ENDED AT: 11:25	TOTAL VOLUME PURGED (gallons): 5.5

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
10:25	0.5	1.0	0.1	11.62	7.4	22.6	1.05	9.1	84.0	slightly gray*	–	204
10:35		1.5	0.1	14.01	7.6	24.3	0.763	3.7	1060	blue gray	–	144
10:45		2.0	0.1	15.25	—	—	—	~~8.7~~ (MS)	330	light gray*	—	~~+~~
10:55		2.5	0.1	16.31	7.6	24.1	1.00	3.2	114	clear	—	129 (MS)
11:00		3.0	0.1	16.75	7.6	23.9	1.00	3.0	123	clear	—	124
1105		3.5	0.1	17.20	7.6	23.8	1.00	2.9	40.3	clear	—	118
1110		4.0	0.1	17.36	7.6	23.9	1.00	2.9	24.7	clear	—	108
1115		4.5	0.1	17.58	7.6	23.8	0.99	2.8	20.6	clear	—	105
1120	↓	5.0	0.1	17.74	7.6	23.8	0.99	2.7	15.0	clear	—	91
1125		5.5	0.1	17.86	7.6	23.9	0.99	2.7	10.88	clear	—	79

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./FL): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Nathan Smith	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 11:25	SAMPLING ENDED AT: 11:30 *
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): <100 (MDS 4/14/08)	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-155	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 4/14/08)

REMARKS: * Time Sampled @ 11:30

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ ~~Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

* Turning blue gray. Removed Flow thru cell until turbidity decreases.
** clearing up.
No tubing in well. We replaced tubing (teflon). Needs 2 cover bolts.

Revision Date: February 1, 2004

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Former ABC	SITE LOCATION: Tallevast	
WELL NO: MW-156	SAMPLE ID: MW-156	DATE: 1-24-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 15 feet to 20 feet	STATIC DEPTH TO WATER (feet): 1.84	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 20 feet) + 0.25 gallons = .30 gallons (MDS 4/14/08)

INITIAL PUMP OR TUBING OEPTH IN WELL (feet): 20	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 17.5	PURGING INITIATED AT: 13:58	PURGING ENDED AT: 1423	TOTAL VOLUME PURGED (gallons): 2.5 (MDS 4/14/08)

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1408	1.0	1.0	0.1	5.08	6.19	23.89	0.689	0.30	13.2			-131
1411	0.3	1.3	↓	5.14	6.17	24.08	0.650	0.30	~~0.16~~ 12.0	AC		-135
1414	0.3	1.6		5.22	6.15	24.09	0.628	0.28	10.93			-143
1417	0.3	1.9		5.34	6.11	24.24	0.573	0.26	9.42			-145
1420	0.3	2.2		5.34	6.11	24.24	0.573	0.26	7.96			-146
1423	0.3	2.5	↓	5.36	6.11	24.25	0.573	0.26	7.84			-147
							mS/cm					

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Amy Coats Arcadis	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1424	SAMPLING ENDED AT: 1425
PUMP OR TUBING DEPTH IN WELL (feet): 17.5 (MDS 4/14/08)	SAMPLE PUMP FLOW RATE (mL per minute): < 100 (MDS 4/14/08)	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: µm (MDS 4/14/08) Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-156	3	CG	40mL	HCl	—	—	8260	APP
							(MDS 4/14/08)	

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. **STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)**

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Former ABC	SITE LOCATION:	Tallevast	
WELL NO:	MW-~~[illegible]~~ 157	SAMPLE ID:	MW-157	DATE: 1-24-08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	33 feet to 38 feet	9.82	PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 38 feet) + 0.25 gallons = 0.35 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
38	35.5	13:57	1416	2.0

MDS 4/19/08 MDS 4/19/08

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
14:07	1.0	1.0	0.1	16.1	7.29	25.05	0.775	1.43	5.02	amber	none	-186
14:10	0.3	1.3	0.1	18.18	7.24	25.14	0.753	1.05	7.88	clear	none	-165
14:13	0.3	1.7	0.1	18.63	7.19	25.21	0.747	0.99	5.88	clear	none	-156
14:16	0.3	2.0	0.1	17.55	7.18	25.32	0.743	0.95	5.80	clear	none	-152

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Darrin Johnson Arcadis	Darrin Johnson	14:17	14:22

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE:
35.5 MDS 4/19/08	400 MDS 4/19/08	PE

FIELD DECONTAMINATION: (Y) N
FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm
Filtration Equipment Type:
DUPLICATE: ~~Y~~ (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-157	3	CG	40mL	HCl	—	—	8260	RFPP MDS 4/19/08
~~Dup-1-012408~~				no dupe DJ				

REMARKS: ~~Dup-1-012408~~ no dupe DJ

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** all readings ≤ 20 NTU, optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast (MDS 4/14/08)		SITE LOCATION: Sarasota FL (MDS 4/14/08)	
WELL NO: MW-158	SAMPLE ID: MW-158	DATE: 1/24/08	

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 100 feet to 110 feet	STATIC DEPTH TO WATER (feet): 12.82	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 1445	PURGING ENDED AT: 1520 (MDS 4/14/08)	TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons) (MDS 4/14/08)	CUMUL. VOLUME PURGED (gallons) (MDS 4/14/08)	PURGE RATE (L/min)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
1450 ~~1448~~	0.5	0.5	0.1	13.14	7.6	24.5	0.515	3.5	11.4	Clear		95
1455				13.13	7.6	24.8	0.510	2.8	21.1			64
1500 ~~1445~~				13.18	7.6	24.8	0.503	2.5	16.8			58
1505				13.14	7.6	24.7	0.502	2.5	8.06			46
1510				13.14	7.5	24.7	0.502	2.4	4.40			38
1515				13.11	7.5	24.7	0.501	2.3	3.10			20
1520					7.5	24.7	0.51	2.3	2.31			16
1525	→ Sampled @ 1525 ←											

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: (MDS 4/14/08) ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1525	SAMPLING ENDED AT: 1535

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): <100 (MDS 4/14/08)	TUBING MATERIAL CODE:
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-158	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 4/14/08)

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ Turbidity: ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Former ABC	SITE LOCATION:	Tallevast	
WELL NO:	MW-159	SAMPLE ID:	MW-159	DATE: 1-24-08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	140 feet to 150 feet	13.34	PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + .0026 gallons/foot X 153 feet) + .25 gallons = 0.65 gallons MDS 4/14/08

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
150	145	14:48	15:09	2.1 MDS 4/14/08

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
15:03	1.5	1.5	0.1	19.12	8.38	24.96	0.639	0.93	3.38	clear	none	-259
15:06	0.3	1.8	0.1	19.18	8.52	24.87	0.639	1.02	3.30	clear	none	-265
15:09	0.3	2.1	0.1	19.30	8.55	24.91	0.638	0.92	3.35	clear	none	-270

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Darrin Johnson	Darrin Johnson	15:10	15:15

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE:
145 MDS 4/14/08	5100 MDS 4/14/08	

FIELD DECONTAMINATION: (Y) N
FIELD-FILTERED: Y (N) FILTER SIZE: µm
Filtration Equipment Type:
DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-159	3	CG	40ml	HCl	—	—	8260	RFPP MDS 4/14/08

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Former ABC Facility	SITE LOCATION: Tallevast, FL	
WELL NO: MW-160	SAMPLE ID: MW-160	DATE: 1-24-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/8	WELL SCREEN INTERVAL DEPTH: 280 feet to 300 feet (MDS 4/14/08)	STATIC DEPTH TO WATER (feet): 12.53	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 1448	PURGING ENDED AT: 1	TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1504				15.50	7.48	24.55	0.801	0.47	2.72	none	none/low	-277
1507				15.90	7.52	24.44	0.798	0.45	2.08	↓	↓	-278
1510				16.40	7.54	24.53	0.792	0.42	1.54			-283
1513				16.56	7.54	24.40	0.793	0.41	1.31			-284

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: (MDS 4/14/08) ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1514	SAMPLING ENDED AT: 1515

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): <100 (MDS 4/14/08)	TUBING MATERIAL CODE:
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-160	3	CG	40mL	HCl	—	—	8260	RFPP
							(MDS 4/14/08)	

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast (MDS 4/14/08)		SITE LOCATION: Sarasota FL (MDS 4/14/08)	
WELL NO: MW-161	SAMPLE ID: MW-161		DATE: 1/24/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: 30 feet to 40 feet	STATIC DEPTH TO WATER (feet): 11.85	PURGE PUMP TYPE OR BAILER: Geopump (Peristaltic)

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (40' feet – 11.85 feet) X ~~0.16~~ 0.163 gallons/foot = 63.4 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 3	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 15:05	PURGING ENDED AT: 15:45	TOTAL VOLUME PURGED (gallons): 4.0

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
15:20	1.5	1.5	0.1	12.05	8.39	24.82	1.16	4.24	23.7	clear	—	-254
15:25	0.5	2.0	0.1	12.10	8.52	24.54	1.16	1.96	26.8	"	—	-298
15:30	0.5	2.5	0.1	12.11	8.65	23.92	1.16	1.56	26.3	"	—	-300
1535	0.5	3.0	0.1	12.11	8.71	24.10	1.16	1.31	22.4	"	—	-307
1540	0.5	3.5	0.1	12.11	8.71	24.09	1.16	1.33	17.4	"	—	-311
1545	0.5	4.0	0.1	12.11	8.63	23.94	1.17	1.29	13.5	"	—	-315
	(MDS 4/14/08)											

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: NATHAN SMITH / MACTEC	SAMPLER(S) SIGNATURES: Nathan Smith	SAMPLING INITIATED AT: 15:45	SAMPLING ENDED AT: 15:54 *
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): 4100 (MDS 4/14/08)	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) Filtration Equipment Type: FILTER SIZE: ___ µm	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-161	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 4/14/08)

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ ~~Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

* Time sample @ 1554

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Tellurex	SITE LOCATION:	Sarasota, FL	
WELL NO:	MW-162	SAMPLE ID:	MW-162	DATE: 1/30/08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	11 feet to 16 feet	2.43	(PP) geopump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (0.0026 gallons/foot X 30 feet) + 0.25 gallons = 0.328 (0.40) gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
13.5	~13.5	1150	1215 2.43	1.68

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or ms/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1157	0.42	0.42	0.06	3.10	6.60	23.34	0.649	2.53	9.52	clear	yes	-70
1200	0.18	0.60	0.06	3.15	6.46	23.35	0.755	2.04	7.69	clear	yes	-84
1203	0.18	0.78	0.06	3.20	6.44	23.48	0.772	1.99	6.40	clear	yes	-82
1206	0.18	0.96	0.06	3.21	6.41	23.43	0.631	1.94	3.1	clear	yes	-81
1209	0.18	1.14	0.06	3.20	6.37	23.18	0.803	0.95	1.6	clear	yes	-79
1212	0.18	1.32	0.06	3.20	6.35	23.34	0.819	0.82	1.9	clear	yes	-77
1215	0.18	1.50	0.06	3.20	6.34	23.46	0.831	0.81	2.24	clear	yes	-75
1218	0.18	1.68	0.06	3.21	6.34	23.47	0.834	0.72	1.76	clear	yes	-71

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Neil Smith / ARCADIS		1220	1225
PUMP OR TUBING DEPTH IN WELL (feet): ~13.5	SAMPLE PUMP FLOW RATE (mL per minute): 200	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: Y N	FIELD-FILTERED: Y N Filtration Equipment Type:	FILTER SIZE: ___ µm	DUPLICATE: Y N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-162	3	CG	40ml	HCL	–	<2	8260B/8260Sim	RFPP

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **~~Turbidity:~~** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Former ABC Facility	SITE LOCATION:	Tallevast, FL
WELL NO:	MW-163	SAMPLE ID:	MW-163
DATE:	1.30.08		

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	30 feet to 35 feet	9.8	PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + 0.0026 gallons/foot X 35 feet) + 0.25 gallons = 0.34 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
32	32	14:12	14:35	2.3

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
14:20	0.8	0.8	0.1	10.4	7.10	23.33	0.673	0.58	0	clear	none	-206
14:25	0.5	1.3	0.1	10.9	6.91	23.17	0.669	0.32	10	"	"	-242
14:30	0.5	1.8	0.1	10.9	6.90	23.15	0.662	0.30	9	"	"	-248
14:35	0.5	2.3	0.1	10.9	6.92	23.24	0.669	0.30	7	"	"	-252

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Micah Forbes / ARCADIS		14:36	14:40

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE:
32 (MDS 4/19/08)	100 (MDS 4/19/08)	

FIELD DECONTAMINATION: Y N	FIELD-FILTERED: Y N FILTER SIZE: µm	DUPLICATE: Y N
	Filtration Equipment Type:	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW163	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 4/19/08)

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Former ABC Facility	SITE LOCATION: Tallevast, FL	
WELL NO: MW-164	SAMPLE ID: MW-164	DATE: 1-30-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): ¼	WELL SCREEN INTERVAL DEPTH: 92 feet to 102 feet	STATIC DEPTH TO WATER (feet): 16.3	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + 0.0026 gallons/foot X 102 feet) + 0.25 gallons = 0.51 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 98	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 98	PURGING INITIATED AT: 11:08	PURGING ENDED AT: 11:35	TOTAL VOLUME PURGED (gallons): 2.7

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
11:15	0.7	0.7	0.1	16.6	7.21	23.09	0.695	0.39	6	clear	none	-295
11:20	0.5	1.2	0.1	16.6	7.22	23.16	0.692	0.34	10	"	"	-300
11:25	0.5	1.7	0.1	16.6	7.20	23.08	0.696	0.33	4	"	"	-302
11:30	0.5	2.2	0.1	16.6	7.21	23.07	0.690	0.32	4	"	"	-302
11:35	0.5	2.7	0.1	16.6	7.19	23.05	0.689	0.33	7	"	"	-303

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Micah Forbes / ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 11:36	SAMPLING ENDED AT: 11:40

PUMP OR TUBING DEPTH IN WELL (feet): 98 MDS 4/14/08
SAMPLE PUMP FLOW RATE (mL per minute): 100 MDS 4/14/08
TUBING MATERIAL CODE:
FIELD DECONTAMINATION: Y (N)
FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm
Filtration Equipment Type:
DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW164	3	CG	40ml	HCl	—	—	8260	RFPP

MDS 4/14/08

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast	SITE LOCATION: Sarasota, FL	
WELL NO: MW-165	SAMPLE ID: MW-165	DATE: 1/30/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 142 feet to 152 feet	STATIC DEPTH TO WATER (feet): 14.75	PURGE PUMP TYPE OR BAILER: PP) grapner

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (0.0026 gallons/foot X 160 feet) + 0.25 gallons = 0.66 (0.20) gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~147	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~147	PURGING INITIATED AT: 1115	PURGING ENDED AT: 1134	TOTAL VOLUME PURGED (gallons): 1.33

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1125	0.70	0.70	0.07	21.51	7.43	23.80	0.767	0.39	2.26	clear	yes	-231
1128	0.21	0.91	0.07	23.33	7.43	23.88	0.764	0.38	1.80	clear	yes	-237
1131	0.21	1.12	0.07	24.14	7.43	23.97	0.765	0.39	0.64	clear	yes	-240
1134	0.21	1.33	0.07	24.35	7.43	23.95	0.766	0.39	0.81	clear	yes	-240

1/30/08

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Neil Smith / ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1135	SAMPLING ENDED AT: 1140
PUMP OR TUBING DEPTH IN WELL (feet): ~147	SAMPLE PUMP FLOW RATE (mL per minute): 400ml	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-165	3	CG	40ml	HCL	–	<2	8260B+8260SIM	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Tellabs	SITE LOCATION:	Sarasota, FL
WELL NO:	MW-166	SAMPLE ID:	MW-166
DATE:	1/30/08		

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	281 feet to 281 feet	14.20	(pp) geopump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (0.0026 gallons/foot X 295 feet) + 0.25 gallons = 1.00 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
~281	~281	1400	1439	1.50

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1425	1.00	1.00	0.04	15.31	8.16	23.69	0.703	0.42	17.6	clear	Yes	-277
1432	0.25	1.25	0.04	15.32	8.05	23.66	0.711	0.38	15	clear	Yes	-288
1439	0.25	1.50	0.04	15.32	8.02	23.65	0.712	0.37	15.4	clear	Yes	-296

25

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Neil Smith / ARCADIS		1439	1445

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE:
~281	≤100	PE

FIELD DECONTAMINATION: Y / N	FIELD-FILTERED: Y / N Filtration Equipment Type:	FILTER SIZE: ____ µm	DUPLICATE: Y / N
Y	N		N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-166	3	CG	40ml	HCL	—	<2	8260B 8260 SIM	RFPP
DUP-22??								

REMARKS:
ANTS!

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: STA	SITE LOCATION: Sarasota, FL	
WELL NO: MW-167	SAMPLE ID: MW-167	DATE: 1/23/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 20 feet to 25 feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: PP geopump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)

= gallons + (0.0026 gallons/foot X 30 feet) + 0.50 gallons = 0.578 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~22.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~22.5	PURGING INITIATED AT: 1540	PURGING ENDED AT: 1555	TOTAL VOLUME PURGED (gallons): 1.50

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1546	0.60	0.60	0.10	5.60	4.95	29.00	352	4.26	9.68	clear	NO	53
1549	0.30	0.90	0.10	5.60	4.92	29.01	349	5.12	7.50	clear	NO	52
1552	0.30	1.20	0.10	5.60	4.90	29.10	349	4.89	6.4	clear	NO	50
1555	0.30	1.50	0.10	5.60	4.93	29.12	349	5.00	4.1	clear	NO	50

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Neil Smith ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1556	SAMPLING ENDED AT: 1600
PUMP OR TUBING DEPTH IN WELL (feet): ~22.5	SAMPLE PUMP FLOW RATE (mL per minute): ≤ 100 mL	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: Y N	FIELD-FILTERED: Y N Filtration Equipment Type:	FILTER SIZE: ___ µm	DUPLICATE: Y N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-167	3	CG	40mL	HCL	–	<2	8260B +SM	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: **± 0.2 units** Temperature: **± 0.2 °C** Specific Conductance: **± 5%** Dissolved Oxygen: **all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater)** Turbidity: **all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)**

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	TALLEVAST	SITE LOCATION:	SARASOTA, FL
WELL NO:	MW-168	SAMPLE ID:	MW-168
DATE:	11/23/08		

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	42 feet to 47 feet		PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 52 feet) + 0.5 gallons = 0.64 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
44.5	44.5	1619	1639 (MDS 9/14/08)	1.60 (MDS 9/14/08)

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or (mS/cm))	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1627	0.64	0.64	0.08	6.55	6.51	27.61	493	6.71	17.3	clear	no	-133
1630	0.24	0.88	0.08	6.55	6.52	27.62	493	202	14.4	clear	no	-132
1633	0.24	1.12	0.08	6.55	6.55	27.73	494	6.72	12.7	clear	no	-131
1636	0.24	1.36	0.08	6.55	6.56	27.81	495	6.30	12.3	clear	no	-131
1639	0.24	1.60	0.08	6.55	6.57	27.91	497	6.20	11.2	clear	no	-133

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
NS/SW ARCADIS		1642	1647

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE:
44.5	100	PE

FIELD DECONTAMINATION: (Y) N
FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm
Filtration Equipment Type: ____
DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-168	3	CG	40mL	HCl	40mL	—	8260+8260SIM	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: TAMIAMI	SITE LOCATION: SARASOTA, FL	
WELL NO: MW-169	SAMPLE ID: MW-169	DATE: 1/23/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 108 feet to 118 feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 123 feet) + 0.5 gallons = 0.82 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 113	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 113	PURGING INITIATED AT: 1448	PURGING ENDED AT: 1506 (MDS 4/18/2008)	TOTAL VOLUME PURGED (gallons): 1.8 (MDS 4/18/2008)

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1457	0.9	0.9	0.1	25.05	11.30	27.65	1640	0.60	1.69	clear	no	-278
1500	0.3	1.2	0.1	25.73	11.33	27.69	1640	0.89	1.39	clear	no	-262
1503	0.3	1.5	0.1	26.41	11.34	27.69	1640	1.34	0.95	clear	no	-245
1506	0.3	1.8	0.1	27.03	11.35	27.57	1640	1.39	0.77	clear	no	-240
~~1510~~												

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: SWINS / ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1510	SAMPLING ENDED AT: 1515
PUMP OR TUBING DEPTH IN WELL (feet): 113	SAMPLE PUMP FLOW RATE (mL per minute): 100	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-169	3	CG	40mL	HCl	40mL	—	8260+8260SIM	RFPP

REMARKS: ⚠ PRESSURE IN WELL – BEWARE OPENING CAP!

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tellevast STA	SITE LOCATION: Sarasota, FL	
WELL NO: MW-170	SAMPLE ID: MW-170	DATE: 1/23/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 280 feet to 300 feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: (PP) geopump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (0.002 gallons/foot X 291 feet) + 0.50 gallons = 1.25 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~290	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~290	PURGING INITIATED AT: 1615	PURGING ENDED AT: 1649	TOTAL VOLUME PURGED (gallons): 1.70

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1640	1.25	1.25	0.05	22.74	7.68	27.68	1080	0.30	35	clear	yes	-238
1643	0.15	1.40	0.05	22.84	7.67	27.64	1060	0.29	13.1	clear	yes	-238
1646	0.15	1.55	0.05	22.86	7.67	27.65	1070	0.29	9.37	clear	yes	-238
1649	0.15	1.70	0.05	22.86	7.67	27.66	1070	0.28	8.1	clear	yes	-238

DO 4/14/08

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Neil Smith / ARCADIS	SAMPLER(S) SIGNATURES: Neil Smith	SAMPLING INITIATED AT: 1655	SAMPLING ENDED AT: 1705
PUMP OR TUBING DEPTH IN WELL (feet): ~290	SAMPLE PUMP FLOW RATE (mL per minute): < 100mL	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: Y N	FIELD-FILTERED: Y N FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-170	3	CG	40mL	HCL	–	< 2	8260B+SIM	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast (MDS 4/14/08)	SITE LOCATION: Sarasota FL (MDS 4/14/08)	
WELL NO: MW-171	SAMPLE ID: MW-171	DATE: 1/23/08

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/4"	WELL SCREEN INTERVAL DEPTH: 35 feet to 40 feet	STATIC DEPTH TO WATER (feet): 7.93	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.00026 gallons/foot X 40' feet) + 0.25 gallons = 0.35 gallons (MDS 4/14/08)

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 37	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 37	PURGING INITIATED AT: ~~1512~~ 1412	PURGING ENDED AT: 1433	TOTAL VOLUME PURGED (gallons): 2.0 (MDS 4/14/08)

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
1414	0.2	0.2	.1	5.45	7.03	27.07	1.12	3.57	1.88	Clear	none	-198
1417	0.3	0.5	.1	9.41	6.97	27.14	1.02	1.22	~~1.87~~			-227
									0.41			-237
1420	0.3	0.8	.1	10.48	6.95	27.12	1.01	0.99	0.24			↓
1423	0.3	1.1	.1	11.83	6.95	27.20	1.02	0.92	0.73			-251
1426	0.3	1.4	.1	12.92	6.93	27.12	1.01	1.23	0.35			-282
1429	0.3	1.7	.1	13.51	6.93	27.13	1.03	1.13	0.25			-291
1431	0.3	2.0		13.87	6.93	27.05	1.04	1.06	0.71			
	(MDS 4/14/08)	(MDS 4/14/08)										

WELL CAPACITY (Gallons Per Foot): ~~0.75"~~ = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): ~~1/8" = 0.0006~~; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: (MDS 4/14/08) ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: ~~1533~~ 1433	SAMPLING ENDED AT:
PUMP OR TUBING DEPTH IN WELL (feet): 37	SAMPLE PUMP FLOW RATE (mL per minute): <100 (MDS 4/14/08)	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-171	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 4/14/08)

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: ~~MW-172~~ Tallevast (MDS 4/14/08)		SITE LOCATION: Sarasota FL (MDS 4/14/08)	
WELL NO: MW-172	SAMPLE ID: MW-172		DATE: 1/23/08

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): ~~1/4"~~ 1/2"	WELL SCREEN INTERVAL DEPTH: 100 feet to 110 feet	STATIC DEPTH TO WATER (feet): 12.30	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (0 = (110 feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 110 feet) + .25 gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
105	105	1444	1509 (MDS 4/14/08)	

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
4 1459 ~~1518~~				13.30	7.07	25.87	0.684	1.08	1230	Cloudy	Slight	-299
1451				13.44	7.06	25.79	0.684	0.99	37.4			-301
1454				13.62	7.06	25.53	0.684	0.90	13.7	Clear		-304
1457				13.70	7.06	25.61	0.683	0.88	7.26			-306
1500				13.73	7.06	25.34	0.680	0.88	8.61			-312
1503				13.75	7.06	25.34	0.680	0.86	2.25			-314
1506				13.80	7.06	25.67	0.677	0.83	1.85			-316
1509				13.79	7.06	25.71	0.678	0.84	1.50			
1510	→ Sampled at 1510 ←											

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: KLC/NES	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1510	SAMPLING ENDED AT: 1515
PUMP OR TUBING DEPTH IN WELL (feet): 105	SAMPLE PUMP FLOW RATE (mL per minute): 400 (MDS 4/14/08)	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-172	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 4/14/08)

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast (MDS 4/14/08)	SITE LOCATION: Sarasota FL (MDS 4/14/08)
WELL NO: MW-173	SAMPLE ID: MW-173
	DATE: 1/23/08

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/4"	WELL SCREEN INTERVAL DEPTH: 142 feet to 152 feet	STATIC DEPTH TO WATER (feet): 12.74	PURGE PUMP TYPE OR BAILER:

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 152 feet) + 0.25 gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 147	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 147	PURGING INITIATED AT: 1520	PURGING ENDED AT: 1549	TOTAL VOLUME PURGED (gallons): 2.9 (MDS 4/14/08)

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
★ 1530	1.0	1.0								Gray	none	-277
1534	0.4	1.4	0.1	15.32	7.30	25.94	0.683	1.12	170	Cloudy		-284
1537	0.3	1.7	↓	15.67	7.28	25.76	0.681	0.99	42.2		↓	-287
1540	0.3	2.0		16.16	7.27	25.68	0.680	0.97	10.59	Clear		-291
1543	0.3	2.3		16.32	7.27	25.73	0.678	0.96	5.22	↓		-296
1546	0.3	2.6	↓	16.46	7.27	25.33	0.578	0.93	3.28			-301
1549	0.3	2.9			7.26	25.27	0.576	0.97	2.55	↓	↓	-303
1552	→ Sampled @ 1552 ←											
	(MDS 4/14/08)	(MDS 4/14/08)										

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: KLC / NPS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1552	SAMPLING ENDED AT:
PUMP OR TUBING DEPTH IN WELL (feet): 147	SAMPLE PUMP FLOW RATE (mL per minute): <100 (MDS 4/14/08)	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-173	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 4/14/08)

REMARKS:
★ initial purge clear/wet silty grey very quickly. no noticable odor

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU, optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast (MDS 4/14/08)		SITE LOCATION: Sarasota FL (MDS 4/14/08)	
WELL NO: MW-174	SAMPLE ID: MW-174	DATE: 1/25/08	

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/4"	WELL SCREEN INTERVAL DEPTH: 275 feet to 295 feet	STATIC DEPTH TO WATER (feet): 10.78	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
~~only fill out if applicable~~
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= Ø gallons + (0.0026 gallons/foot X 295 feet) + .25 gallons = 1.02 gallons (MDS 4/14/08)

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 285	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 285	PURGING INITIATED AT: 0805	PURGING ENDED AT: 0840 (0805)	TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
0810				12.97	7.80	21.78	0.720	1.32	1.25	Clear*	Slight	327
0815				13.99	7.69	21.88	0.721	1.18	37.1	Gray		333
0820				15.18	7.68	21.99	0.724	1.16	13.0	"		337
0825				16.01	7.69	21.01	0.722	1.12	3.40	Clear		341
0830				16.75	7.69	22.51	0.719	1.09	3.51	↓		343
0835					7.69	21.78	0.722	1.11	1.40	↓		343
0840	→	→	→	Sampled @ 0840						→	→	

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Kasey Cornwall ARCADIS	SAMPLER(S) SIGNATURE(S): Kasey	SAMPLING INITIATED AT: 0840	SAMPLING ENDED AT: 0850
PUMP OR TUBING DEPTH IN WELL (feet): 285	SAMPLE PUMP FLOW RATE (mL per minute): <100 (MDS 4/14/08)	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: µm Filtration Equipment Type: (MDS 4/14/08)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-174	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 4/14/08)

REMARKS:
Initial purge clear after 10 minutes light gray slight sulfur odor

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

* Needs 2 bolts

Revision Date: February 1, 2004

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Former ABC Facility	SITE LOCATION: Tallahassee, FL	
WELL NO: MW-175	SAMPLE ID: MW-175	DATE: 1-29-08

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/4"	WELL SCREEN INTERVAL DEPTH: 98.3 feet to 168.3 feet	STATIC DEPTH TO WATER (feet): 19.05	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 108 feet) + .25 gallons = 0.53 gallons

MDS 4/14/08

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 1054	PURGING ENDED AT: 1124 (MDS 4/14/08)	VOLUME PURGED (gallons): 3.0 (MDS 4/14/08)

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
1112	1.8	1.8	0.1	19.19	7.04	24.49	0.689	1.38	1.38	none	none noted	-250
1115	0.3	2.1	↓	19.16	7.06	24.38	0.689	1.25	0.63			-260
1118	0.3	2.4		19.14	7.07	24.36	0.685	1.09	0.38			-263
1121	0.3	2.7		19.14	7.06	24.35	0.689	1.05	0.71			-264
1124	0.3	3.0		19.14	7.07	24.39	0.685	0.99	0.107			-266
			MDS 4/14/08									
							mS/cm					

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Amy Coats / Arcadis	SAMPLER(S) SIGNATURE:	SAMPLING INITIATED AT: 1126	SAMPLING ENDED AT: 1130
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): 100 (MDS 4/14/08)	TUBING MATERIAL CODE: ~~PE~~ Teflon	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm Filtration Equipment Type:	DUPLICATE: (Y) N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-175	3	CG	40mL	HCl	—	—	8260	RFPP
DUP-20012908	3	CG	40mL	HCl	—	—	8260	RFPP (MDS 4/14/08)

REMARKS:
* New dedicated teflon tubing as of today / lost about 15 nuts

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU, optionally ± 5 NTU or ± 10% (whichever is greater)~~

down well

DUP-20012908

Revision Date: February 1, 2004

* nuts in bottom of well, may be tubing too

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Former ABC Facility		SITE LOCATION: Tallevast, FL	
WELL NO: MW-176	SAMPLE ID: MW-176		DATE: 1-29-08

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/4"	WELL SCREEN INTERVAL DEPTH: 150 feet to 160 feet	STATIC DEPTH TO WATER (feet): 20.83	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 160 feet) + 0.25 gallons = 0.67 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 900	PURGING ENDED AT: 918	TOTAL VOLUME PURGED (gallons): 1.8

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
912	1.2	1.2	0.1	24.10	7.29	23.18	0.615	0.60	2.53	none	none noted	-235
915	0.3	1.5	↓	24.38	7.32	23.30	0.614	0.62	3.93	crystal	↓	-238
918	0.3	1.8	↓	24.56	7.33	23.25	0.614	0.62	4.21	clear	↓	-237
							mS/cm					

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 919	SAMPLING ENDED AT: 920
AMW Coats / Arcadis	AMW Coats		
PUMP OR TUBING DEPTH IN WELL (feet): 155	SAMPLE PUMP FLOW RATE (mL per minute): <100 (MDS 4/14/08)	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-176	3	CG	40mL	HCl	—	—	8260	RFPP (MDS 4/14/08)

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Former ABC		SITE LOCATION: Tallevast	
WELL NO: MW-177	SAMPLE ID: MW-177		DATE: 1-29-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 285 feet to 305 feet	STATIC DEPTH TO WATER (feet): 18.19	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (.0026 gallons/foot X 310 feet) + .25 gallons = 1.0 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
305	285	9:05	9:27	2.2 (MDS 4/14/08)

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
9:15	1.0	1.0	0.1	19.38	8.24	22.56	.609	1.49	25	clear	none	-261
9:18	0.3	1.3	0.1	19.40	8.19	22.77	.600	1.14	25.8	clear	none	-268
9:21	0.3	1.6	0.1	19.41	8.17	22.94	.597	1.09	14.4	clear	none	-270
9:24	0.3	1.9	0.1	19.40	8.15	22.97	.596	1.11	9.49	clear	none	-272
9:27	0.3	2.2	0.1	19.40	8.13	23.08	.597	1.08	7.62	clear	none	-276

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Darrin Johnson	SAMPLER(S) SIGNATURES: Darrin Johnson	SAMPLING INITIATED AT: 9:28	SAMPLING ENDED AT: 9:33
PUMP OR TUBING DEPTH IN WELL (feet): 285	SAMPLE PUMP FLOW RATE (mL per minute): <100 (MDS 4/14/08)	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-177	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 4/14/08)

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU, optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast (MDS 4/14/08)	SITE LOCATION: Sarasota FL (MDS 4/14/08)
WELL NO: MW-178	SAMPLE ID: MW-178
	DATE: 1/25/08

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/4"	WELL SCREEN INTERVAL DEPTH: 31.5 feet to 36.5 feet	STATIC DEPTH TO WATER (feet): 13.20	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X 3 gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (0.0026 gallons/foot X 36.5 feet) + 3.25 gallons = 0.34 gallons (MDS 4/14/08)

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 33	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 33	PURGING INITIATED AT: 1055	PURGING ENDED AT: 1115 (MDS 4/14/08)	TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1100				14.22	6.97	24.85	1.00	1.38	4.01	Clear	None	-114
1105				14.72	6.96	24.84	0.99	1.13	2.93	Clear	"	-187
1110				14.95	6.96	24.99	0.99	1.08	3.07	"	"	-237
1115				15.15	6.95	24.80	0.99	1.04	4.34	"	"	-263

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Kasey Cornwell / ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1115	SAMPLING ENDED AT:
PUMP OR TUBING DEPTH IN WELL (feet): 33	SAMPLE PUMP FLOW RATE (mL per minute): <100 (MDS 4/14/08)	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-178	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 4/14/08)

REMARKS:
Initial Purge is clear w/ no noticable odor.

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Tallevast	SITE LOCATION:	Sarasota FL	MDS 4/14/08
WELL NO:	MW-179	SAMPLE ID:	MW-179	DATE: 1/25/08

PURGING DATA

MDS 4/14/08

WELL DIAMETER (inches):	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 103 feet to 93 feet	STATIC DEPTH TO WATER (feet): 14.48	PURGE PUMP TYPE OR BAILER: Peristaltic

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (103 feet – 14.48 feet) X 0.163 gallons/foot = 14.9 gallons (MDS 4/14/08)

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 11:00	PURGING ENDED AT: 1125	TOTAL VOLUME PURGED (gallons): 25

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
11:05	0.5	0.5	0.1	14.65	7.0	23.5	0.635	3.8	1.34	clear	clear	210
11:10	0.5	1.0	0.1	14.75	7.3	24.4	0.644	2.3	1.48	"	—	19
11:15	0.5	1.5	0.1	14.75	7.3	24.6	0.655	2.3	1.03	"	—	-14
11:20	0.5	2.0	0.1	14.75	7.3	24.7	0.653	2.4	0.99	"	—	-37
11:25	0.5	2.5	0.1	14.75	7.3	24.8	0.651	2.3	0.98	"	—	-47
	MDS 4/14/08											

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1125	SAMPLING ENDED AT: 1135
Nathan Smith	Nathan Smith		
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): <100 (MDS 4/14/08)	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ___ µm	DUPLICATE: (Y) N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-179	3	CG	40ml	HCl	—	—	8260	RFPP
Dup-13	3	GG	40ml	HCl	—	—	8260	RFPP

(MDS 4/14/08)

REMARKS:
Samples taken @ 11:25; Dup-13 collected at this location

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ ~~Turbidity: all readings ≤ 20 NTU, optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast (MDS 4/14/08)	SITE LOCATION: Sarasota FL (MDS 4/14/08)	
WELL NO: MW-180	SAMPLE ID: MW-180	DATE: 1/25/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/8	WELL SCREEN INTERVAL DEPTH: 140 feet to 150.3 feet	STATIC DEPTH TO WATER (feet): 15.77	PURGE PUMP TYPE OR BAILER: AP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 1345	PURGING ENDED AT: 1410	TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
1350 ~~1450~~				17.48	7.27	25.44	0.712	1.26	0.64	Clear	none.	293
1355				17.89	7.23	25.41	0.708	1.11	0.82	↓	↓	305
~~1400~~ 1400				18.48	7.22	25.43	0.707	1.02	0.88			315
1405				18.88	7.21	25.49	0.706	0.99	1.24			320
1410 → Sampled @ 1410 ←												

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./FL): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: (MDS 4/14/08) / ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1410	SAMPLING ENDED AT:

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): <160 (MDS 4/14/08)	TUBING MATERIAL CODE:
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-180	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 4/14/08)

REMARKS:
→ Initial purge clear, no noticable ~~odor~~ odor.

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. **STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)**
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast (MDS 4/14/08)		SITE LOCATION: Sarasota (MDS 4/14/08)	
WELL NO: MW-181	SAMPLE ID: MW-181		DATE: 1/25/09

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/8	WELL SCREEN INTERVAL DEPTH: 275 feet to 295 feet	STATIC DEPTH TO WATER (feet): 13.40	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 1440	PURGING ENDED AT: 1505	TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
1445				15.26	8.71	24.87	0.578	1.80	0.73	Clear	none	-351
1450				18.21	8.70	25.04	0.557	1.09	0.63			-382
1455				18.93	8.57	25.07	0.566	1.03	0.91			-383
1500				19.59	8.45	24.97	0.591	1.00	0.91			-384
1505				19.99	8.42	24.88	0.612	1.01	0.99			-384

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1510	SAMPLING ENDED AT:
KLC / ARCADIS	KLC		
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): ≤100 (MDS 4/14/08)	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-181	3	CG	40mL	HCl	—	—	8260	RFPP

(MDS 4/14/08)

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: STA	SITE LOCATION: Sarasota, FL	
WELL NO: MW-182	SAMPLE ID: MW-182	DATE: 1/23/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 164 feet to 174 feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: (pp) geopump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (0.0026 gallons/foot X 178 feet) + 0.50 gallons = 0.96 (1.00) gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~169	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~169	PURGING INITIATED AT: 1450	PURGING ENDED AT: 1506	TOTAL VOLUME PURGED (gallons): 1.44

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
12 1502	1.08	1.08	0.09	18.18	7.40	28.03	634	0.31	13.5	clear	yes	-254
1503	0.18	1.26	0.09	18.18	7.39	27.97	635	0.30	13.0	clear	yes	-257
1506	0.18	1.44	0.09	18.18	7.38	27.97	641	0.29	8.69	clear	yes	

N.S 1/23/08

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: N. Smith / ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1507	SAMPLING ENDED AT: 1515
PUMP OR TUBING DEPTH IN WELL (feet): ~169	SAMPLE PUMP FLOW RATE (mL per minute): <100mL	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: Y N	FIELD-FILTERED: Y N FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-182	3	CG	40mL	HCL	–	<2	8260B + SIM	RFPP

N.S 1/23/08

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: TALLEVAST	SITE LOCATION: SARASOTA, FL	
WELL NO: MW-183	SAMPLE ID: MW-183	DATE: 1/24/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 15 feet to 20 feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)

= 0 gallons + (0.0026 gallons/foot X 30 feet) + 0.5 gallons = 0.56 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 17.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 17.5	PURGING INITIATED AT: 1444	PURGING ENDED AT: 1511 (MDS 4/14/08)	TOTAL VOLUME PURGED (gallons): 1.50 (MDS 4/14/08)

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1456	0.60	0.60	0.05	3.36	7.17	24.83	417	3.95	188	brown/clear	no	18
1459	0.15	0.90	0.05	3.40	7.10	25.16	421	2.79	182	brown/clear	no	-21
1502	0.15	1.05	0.05	3.43	7.02	25.51	425	2.39	168	brown/clear	no	-46
1505	0.15	1.20	0.05	3.50	6.93	25.44	429	1.81	130	brown/clear	no	-75
1508	0.15	1.35	0.05	3.67	6.92	25.46	430	1.76	133	brown/clear	no	-78
1511	0.15	1.50	0.05	3.48	6.91	25.38	432	1.70	127	brown/clear	no	-80

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: SW/NS / ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1513	SAMPLING ENDED AT: 1519
PUMP OR TUBING DEPTH IN WELL (feet): 17.5	SAMPLE PUMP FLOW RATE (mL per minute): 100	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type: ____	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-183	3	CG	40mL	HCl	40mL	—	8260+8260SIM	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: **all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater)** Turbidity: **all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)**

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast	SITE LOCATION: Sarasota, FL	
WELL NO: MW-184	SAMPLE ID: MW-184	DATE: 1/24/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 28 feet to 33 feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: PP Geopump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (0.60)
(only fill out if applicable)
= gallons + (0.0026 gallons/foot X 38 feet) + 0.50 gallons = 0.598 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~31	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~31	PURGING INITIATED AT: 1445	PURGING ENDED AT: 1502	TOTAL VOLUME PURGED (gallons): 1.80

TIME	VOLUME PURGED (gallons)	CUMUL VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1450	0.60	0.60	0.12	10.92	7.69	25.71	254	0.81	39.4	clear	yes	-133
1452	0.24	0.84	0.12	10.94	7.71	25.73	258	0.64	32.9	clear	yes	-151
1454	0.24	0.96	0.12	11.01	7.73	25.74	317	0.47	23.0	clear	yes	-168
1456	0.24	1.08	0.12	11.01	7.56	25.65	384	0.38	13.6	clear	yes	-172
1458 1459	0.24	1.32	0.12	11.02	7.60	25.63	420	0.32	12.4	clear	yes	-179
1500	0.24	1.56	0.12	11.02	7.57	25.69	430	0.37	13.3	clear	yes	-174
1502	0.24	1.80	0.12	11.03	7.51	25.75	460	0.31	10.52	clear	yes	-177

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Neil Smith / ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1503	SAMPLING ENDED AT: 1510
PUMP OR TUBING DEPTH IN WELL (feet): ~31	SAMPLE PUMP FLOW RATE (mL per minute): ≤100	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: Y N	FIELD-FILTERED: Y N FILTER SIZE: ___ µm Filtration Equipment Type:	DUPLICATE: Y N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-184	3	CG	40mL	HCL	—	<2	8260B+8260VOA	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ±5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast (MDS 4/14/08)		SITE LOCATION: Sarasota FL (MDS 4/14/08)	
WELL NO: MW-158 185	SAMPLE ID: MW-158 185	DATE: ~~1/22/08~~ 1/24/08	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: ~~85~~ 100 feet to ~~95~~ 110 feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 100 feet) + 0.5 gallons = 0.76 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
90	90	1530	1553	1.61

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1541	0.77	0.77	0.07	13.25	7.56	24.96	694	2.15	1.04	clear	yes	-171
1544	0.21	0.98	0.07	13.26	7.55	24.99	696	2.30	0.86	clear	yes	-190
1547	0.21	1.19	0.07	13.28	7.53	25.11	700	0.85	0.94	clear	yes	-193
1550 1600	0.21	1.40	0.07	13.28	7.52	25.12	701	0.75	0.71	clear	yes	-196
1553	0.21	1.61	0.07	13.29	7.51	25.00	706	0.64	0.46	clear	yes	-195

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
SW/NS/ARCADIS		1558	1600
PUMP OR TUBING DEPTH IN WELL (feet): 90	SAMPLE PUMP FLOW RATE (mL per minute): ≤ 100	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-185	3	CG	40mL	HCL	40mL	—	8260+8260 SIM	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: TALLEVAST	SITE LOCATION: SARASOTA, FL	
WELL NO: MW-~~157~~186	SAMPLE ID: MW-157	DATE: 11~~22~~24/2008

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: ~~138~~ feet to ~~158~~ feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: WP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (38 (150 – 160) feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 165 feet) + 0.5 gallons = 0.93 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~~155~~ ~~158~~	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 155	PURGING INITIATED AT: ~~1608~~	PURGING ENDED AT: 1633 (MDS 2/14/08)	TOTAL VOLUME PURGED (gallons): 1.82 (MDS 4/14/08)

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or (µS/cm))	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1621	0.98	0.98	0.07	15.33	7.54	25.13	668	0.30	10.72	clear	no	-217
1625	0.28	1.26	0.07	15.51	7.44	25.09	678	0.29	4.36	clear	no	-218
1629	0.28	1.54	0.07	15.62	7.36	25.05	688	0.52	11.7	clear	no	-202
1633	0.28	1.82	0.07	15.68	7.28	25.02	696	0.30	3.80	clear	no	-216

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: SW/NS/ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1635	SAMPLING ENDED AT: 1640
PUMP OR TUBING DEPTH IN WELL (feet): 155	SAMPLE PUMP FLOW RATE (mL per minute): ≤ 100	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type: ____	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-186	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 4/14/08)

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tellabs	SITE LOCATION: Sarasota, FL	
WELL NO: ~~MW-156~~ MW-187	SAMPLE ID: ~~MW-156~~ MW-187	DATE: 1/~~24~~29/2008

PURGING DATA

WELL DIAMETER (inches): ~~2~~ 4	TUBING DIAMETER (inches): 1/4	WELL ~~SCREEN~~ INTERVAL DEPTH: ~~15~~ feet to ~~20~~ 300 feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:

WELL VOLUME PURGED only fill out if applicable) **1 WELL VOLUME** = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY

= (~~175~~ 290 feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME 1.30

(only fill out if applicable)

= gallons + (0.0026 gallons/foot X 295 feet) + 0.50 gallons = 1.267 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~~175~~ ~290	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~290	PURGING INITIATED AT: 1530	PURGING ENDED AT: 1559	TOTAL VOLUME PURGED (gallons): 2.32

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/l or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1547	1.36	1.36	0.08	18.74	11.85	25.09	3130	0.31	30.2	clear	Yes	-289
1550	0.24	1.60	0.08	19.13	11.87	25.02	3070	0.31	3.62	clear	Yes	-289
1553	0.24	1.84	0.08	20.33	11.88	24.76	3050	0.33	2.24	clear	Yes	-289
1556	0.24	2.08	0.08	20.97	11.88	24.56	3030	0.34	0.63	clear	Yes	-289
1558	0.24	2.32	0.08	21.41	11.88	24.50	3030	0.36	0.59	clear	Yes	-281

Well Sweet 1/24/08

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: SW/NS/ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1600	SAMPLING ENDED AT: 1610
PUMP OR TUBING DEPTH IN WELL (feet): ~290	SAMPLE PUMP FLOW RATE (mL per minute): ≤ 100	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type: ____	DUPLICATE: Y N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-187	3	CG	40mL	HCl	—	<2	8260B-SIM	RFPP

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** all readings ≤ 20 NTU; ~~optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Former ABC	SITE LOCATION:	Tallevast FL	
WELL NO:	MW-188	SAMPLE ID:	MW-188	DATE: 1/23/08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	12 feet to 17 feet	3.7	PP

MOS 4/14/08

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X feet) + .25 gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 10:20	PURGING ENDED AT: 10:55	TOTAL VOLUME PURGED (gallons): 3.5

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1035	2.0	2.0	0.25	4.41	6.29	24.69	0.705	0.41	10	clear	none
1040	2.5	2.5	0.50	4.42	6.33	24.66	0.706	0.38	17	"	"
1045	2.8	2.8	0.1	4.41	6.37	24.67	0.709	0.37	7	"	"
1050	3.0	3.0	0.1	4.41	6.37	24.66	0.706	0.37	3	"	"
1055	3.5	3.5	0.1	4.41	6.39	24.66	0.705	0.36	4	"	"

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 10:56	SAMPLING ENDED AT: 11:00
Micah Forbes			

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): <100 (MOS 4/14/08)	TUBING MATERIAL CODE:
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-188	3	CG	40ml	HCl	—	—	8260	RFPP (MOS 4/14/08)

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Former ABC		SITE LOCATION: Tallevast, FL	
WELL NO: MW-189	SAMPLE ID: MW-189		DATE: 1-23-08

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 28 feet to 33 feet (MDS 4/14/08)	STATIC DEPTH TO WATER (feet): 8.05	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X feet) + 0.25 gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 1018	PURGING ENDED AT: 1049	TOTAL VOLUME PURGED (gallons): 3.1

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1040	2.2	2.2	0.1	9.49	7.15	24.36	0.712	0.25	0.0	none	none noted	-190
1043	0.3	2.5	↓	9.53	7.10	24.34	0.709	0.22	0.0	↓	↓	-196
1046	0.3	2.8		9.56	7.14	24.34	0.709	0.20	0.0			-202
1049	0.3	3.1	↓	9.57	~~7.12~~ 7.13	24.36	0.708	0.20	0.0	↓	↓	-205
							mS/cm					

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1050	SAMPLING ENDED AT: 1055
Amy Cook / Arcadis	Amy Cook		

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): 100 (MDS 4/14/08)	TUBING MATERIAL CODE:
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm Filtration Equipment Type:	DUPLICATE: (Y) N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-189	3	CG	40mL	HCl	—	—	8260	RFPP
DUP-30123 08	3	CG	40mL	HCl	—	—	8260	RFPP

(MDS 4/14/08)

REMARKS: DUP-30123 08

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Former ABC Facility	SITE LOCATION: Tallavese, FL	
WELL NO: MW-[redacted]190	SAMPLE ID: MW-[redacted]190	DATE: 1.25.08

PURGING DATA

MDS 4/14/08

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 90 feet to 100 feet	STATIC DEPTH TO WATER (feet): 12.09	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X feet) + 0.25 gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 8:25	PURGING ENDED AT: 8:50	TOTAL VOLUME PURGED (gallons): 2.5

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
8:35	[redacted] 0.5	1.0	0.1	13.05	7.22	23.32	0.475	0.58	0	clear	none	-263
8:40	0.5	1.5	0.1	13.05	7.24	23.15	0.474	0.47	0	"	"	-272
8:45	0.5	2.0	0.1	13.05	7.24	23.12	0.471	0.46	0	"	"	-272
8:50	0.5	2.5	0.1	13.05	7.33	23.49	0.469	0.44	0	"	"	-275
[redacted]												

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Micah Forbes / ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 8:51	SAMPLING ENDED AT: 8:55
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): 2100 MDS 4/14/08	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-[redacted]190	3	CG	40ml	HCl	—	—	8260	RFPP

MDS 4/14/08

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Former ABC	SITE LOCATION: Tallerost, FL	
WELL NO: MW-191	SAMPLE ID: MW-191	DATE: 1.23.08

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 146 feet to 156 feet (MDS 4/14/08)	STATIC DEPTH TO WATER (feet): 12.06	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X feet) + 0.25 gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 1118	PURGING ENDED AT: 1145	TOTAL VOLUME PURGED (gallons): 2.5 (MDS 4/14/08)

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1125	1.0	1.0	0.1	15.91	7.56	25.62	0.441	0.42	29	clear	none	-281
1130	1.5	1.5	0.1	16.05	7.61	25.25	0.439	0.38	64	clear	none	-297
1135	2.0	2.0	0.1	16.05	7.61	25.62	0.435	0.35	60	clear	none	-302
1140	2.3	2.3	0.1	16.18	7.61	24.46	0.435	0.35	40	"	"	-304
1145	2.5	2.5	0.1	16.18	7.62	25.33	0.435	0.34	52	"	"	-307
							mS/cm					

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Micah Forbes/Arcadis	SAMPLER(S) SIGNATURES: (MDS 4/14/08)	SAMPLING INITIATED AT: 1146	SAMPLING ENDED AT: 11:50
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): <100	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-191	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 4/14/08)

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Former ABC	SITE LOCATION: Tallevast, FL	
WELL NO: MW-192	SAMPLE ID: MW-192	DATE: 1.23.08

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/4"	WELL SCREEN INTERVAL DEPTH: 280 feet to 300 feet	STATIC DEPTH TO WATER (feet): 8.68	PURGE PUMP TYPE OR BAILER: PP

(Measured 4/17/08)

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (.0026 gallons/foot X feet) + 0.25 gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 1138	PURGING INITIATED AT: ~~1120~~ 1F AC	PURGING ENDED AT: 1159	TOTAL VOLUME PURGED (gallons): 2.1

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1147	0.9	0.9	0.1	9.55	11.49	24.89	1.82	0.42	7.14			-376
1150	0.3	1.2	↓	9.54	11.49	24.97	1.80	0.39	7.80			-379
1153	0.3	1.5		12.89	11.50	24.69	1.81	0.36	7.27			-379
1156	0.3	1.8		14.17	11.50	24.69	1.82	0.35	7.31			-379
1159	0.3	2.1	↓	16.84	11.51	24.75	1.81	0.34	7.80			-379
							mS/cm					

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: AM Coats / Arcadis	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1200	SAMPLING ENDED AT: 1205
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): <100 (MDS 4/17/08)	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-192	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 4/17/08)

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tellecast	SITE LOCATION: Sarasota, FL	
WELL NO: MW-193	SAMPLE ID: MW-193	DATE: 1/24/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 45 feet to 55 feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: (PP) geopump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (0.0026 gallons/foot X 98 feet) + 0.5 gallons = 0.75 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~95	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~95	PURGING INITIATED AT: 1223	PURGING ENDED AT: 1242	TOTAL VOLUME PURGED (gallons): 1.52 (4/24/08 MDS)

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/l or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1233	0.80	0.80	0.08	~~12.11~~ 12.27	7.58	23.71	614	0.43	0.61	clear	no	-226
1236	0.24	1.04	0.08	12.27	7.56	23.73	613	0.53	0.57	clear	no	-232
1239	0.24	1.28	0.08	12.27	7.57	23.75	612	0.52	0.25	clear	no	-238
1242	0.24	1.52	0.08	12.27	7.57	23.88	611	0.39	0.65	clear	no	-224

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: N. Smith ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1244	SAMPLING ENDED AT: 1248
PUMP OR TUBING DEPTH IN WELL (feet): ~95	SAMPLE PUMP FLOW RATE (mL per minute): ≤100	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: Y N	FIELD-FILTERED: Y N FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-193	3	CG	40ml	HCL	–	<2	8260+8260SIM	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tellegast	SITE LOCATION: Sarasota, FL	
WELL NO: MW-194	SAMPLE ID: MW-194	DATE: 1/24/08

PURGING DATA

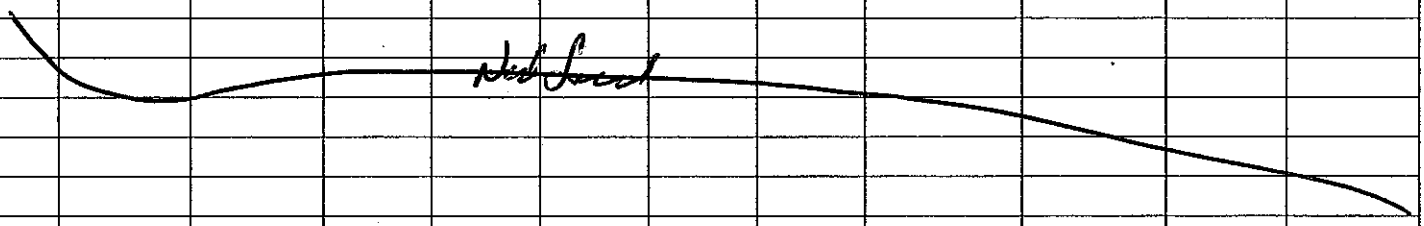
WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 145 feet to 155 feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: pp (geopump)

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (0.0026 gallons/foot X 158 feet) + 0.58 (1.00) gallons = 0.91 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~150	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~150	PURGING INITIATED AT: 1223	PURGING ENDED AT: 1237	TOTAL VOLUME PURGED (gallons): 1.82

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or ms/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1231	1.04	1.04	0.13	15.15	7.62	24.02	650	0.33	11.3	clear	yes	-234
1234	0.39	1.43	0.13	15.20	7.61	24.02	651	0.33	15.0	clear	yes	-232
1237	0.39	1.82	0.13	16.31	7.61	24.07	648	0.30	13.0	clear	yes	-245



WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: S. Kells / ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1238	SAMPLING ENDED AT: 1245
PUMP OR TUBING DEPTH IN WELL (feet): ~150	SAMPLE PUMP FLOW RATE (mL per minute): ≤ 100 mL	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: Y N	FIELD-FILTERED: Y N FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-194	3	CG	40mL	HCL	—	<2	8260B + 8260SIM	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: **all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater)** Turbidity: **all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)**

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: TALLEVAST	SITE LOCATION: SARASOTA, FL	
WELL NO: MW-195	SAMPLE ID: MW-195	DATE: 1/24/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): ¼	WELL SCREEN INTERVAL DEPTH: 280 feet to 300 feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 305 feet) + 0.5 gallons = 1.3 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 290	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 290	PURGING INITIATED AT: 1128	PURGING ENDED AT: 1208	TOTAL VOLUME PURGED (gallons): 2.40

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1150	1.32	1.32	0.06	17.11	8.31	23.85	928	5.37	6.65	clear	yes	-258
1156	0.36	1.68	0.06	18.41	8.31	23.87	919	5.47	6.28	clear	yes	-245
1202	0.36	2.04	0.06	19.08	8.32	23.87	927	5.36	7.67	clear	yes	-245
1208	0.36	2.40	0.06	19.88	8.31	23.90	928	5.70	10.87	clear	yes	-244

MDS 4/4/08

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: NS/SW	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1210	SAMPLING ENDED AT: 1214
PUMP OR TUBING DEPTH IN WELL (feet): 290	SAMPLE PUMP FLOW RATE (mL per minute): ≤ 100	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: (Y) N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-195	3	CG	40mL	HCl	40mL	—	8260+8260 SIM	RFPP
DUP-9	3	CG	40mL	HCl	40mL	—	8260+8260SIM	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast (MDS 4/14/08)		SITE LOCATION: Sarasota FL (MDS 4/14/08)	
WELL NO: MW-196	SAMPLE ID: MW-196	DATE: 11/30/08	

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/4"	WELL SCREEN INTERVAL DEPTH: 90 feet to 100 feet	STATIC DEPTH TO WATER (feet): 16.8	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= Ø gallons + (0.0026 gallons/foot X 100 feet) + .25 gallons = 0.5 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 95	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 95	PURGING INITIATED AT: 1433	PURGING ENDED AT: 1457	TOTAL VOLUME PURGED (gallons): ~~1.2~~ 1.24 (P)

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
1442 ~~1438~~ (P)	~~0.12~~	.72	.08	16.76	6.7	25.1	.890	4.4	0.46	Clear	none	86
1445	.24	.96	↓	16.80	6.7	25.0	.890	3.4	0.93	↓	↓	69
1449	.24	1.2	↓	~~17.17~~ 16.80 (R)	6.7	25.1	0.89	3.2	0.28	↓	↓	65
(R)												
1452	.24	1.44	.08	16.80	6.7	25.1	.890	3.3	0.32	↓	↓	61
1455	→ Sample @ 1455							←				

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

★ initial purge silty then clear at time of 1st reading

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: NateSmith/APCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1455	SAMPLING ENDED AT: 1500
PUMP OR TUBING DEPTH IN WELL (feet): 95	SAMPLE PUMP FLOW RATE (mL per minute): 400 (MDS 4/14/08)	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-196	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 4/14/08)

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

200 mL/min = .05 gal

GROUNDWATER SAMPLING LOG

1.2 Gallons recharging

SITE NAME: Tallevast (MDS 4/15/08)	SITE LOCATION: Sarasota FL (MDS 4/15/08)
WELL NO: MW-197	SAMPLE ID: MW-197
	DATE: 1/30/08

PURGING DATA

(MDS 4/15/08)

WELL DIAMETER (inches):	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 106 feet to 116 feet	STATIC DEPTH TO WATER (feet): 21.12	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= Ø gallons + (0.0026 gallons/foot X 116 feet) + .25 gallons = .55 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 111	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 111	PURGING INITIATED AT: 1327	PURGING ENDED AT: 1413	TOTAL VOLUME PURGED (gallons): 3.25

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1332	.5	.5	0.1	24.85	7.36	26.12	.636	1.27	0.41	Clear	none	-313
1335	.3	.8	0.1	25.61	7.38	26.09	0.631	1.17	2.01			-307
★ 1338	.3	1.10	0.1	26.00	7.40	26.15	0.631	1.08	1.65			-309
~~1359~~				~~29.10~~	~~7.33~~		0.702	1.				
1404 ~~1401~~	1.7	2.8	200mL/min	28.4	7.40	26.40	0.630	3.00	2.01	Clear	none	-209
1407	.15	2.95	0.05	29.55	7.35	26.25	0.661	1.24	4.59			-241
1410	.15	3.10	0.05	29.69	7.35	26.29	.651	1.14	4.96			-254
1413	.15	3.25	0.05	29.81	7.35	26.32	.640	1.07	3.19			-262
1415 →			Sampled @ 1415 ←									

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

★ Stopped taking readings, waited for drawdown to stabilize.

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Nate Smith / Arcadis	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1415	SAMPLING ENDED AT: 1420
PUMP OR TUBING DEPTH IN WELL (feet): 111	SAMPLE PUMP FLOW RATE (mL per minute): <100 (MDS 4/15/08)	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-197	3	CG	40ML	HCl	—	—	8260	RFPP (MDS 4/15/08)

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

1345: turned off pump, pulled up tubing to check length
1350 resumed pumping

Revision Date: February 1, 2004

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Former ABC Facility	SITE LOCATION:	Tallahassee FL
WELL NO:	MW-19B	SAMPLE ID:	MW-19B
DATE:	1-28-08		

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	10 feet to 16 feet	3.0	PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 16 feet) + 0.25 gallons = 0.29 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
~~16~~ 14	14	14:15	14:50	3.25

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
14:20	0.5	0.5	0.1	4.95	6.30	23.4	0.828	0.73	280	clear	none	79
14:25	0.5	1.0	0.1	6.60	6.19	24.1	0.854	0.56	240	sl. turbid	none	37
14:30	0.25	1.25	0.05	~~6.17~~	6.17	24.8	1.06	0.47	140	"	"	-15
14:35	0.25	1.50	0.05	6.1	6.2	25.1	1.16	0.41	89	clear	none	-41
14:40	0.25	1.75	0.05	5.8	6.24	25.1	1.00	0.38	60	"	"	-55
14:45	0.25	2.00	0.05	5.75	6.29	25.1	0.95	0.39	45	"	"	-58
14:50	0.25	2.25	0.05	5.75	6.31	25.1	0.94	0.39	53	"	"	-63

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Micah Forbes/ARCADIS		14:51	14:55

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE:
14 MDS 4/15/08	100 MDS 4/15/08	

FIELD DECONTAMINATION: (Y) N
FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm
Filtration Equipment Type: ___
DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-19B	3	CG	40ml	HCl	—	2	8260	RFPP

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Former ABC Facility	SITE LOCATION:	Tallavese, FL	
WELL NO:	MW-199	SAMPLE ID:	MW-199	DATE: 1.28.08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	30 feet to 35 feet	8.85	PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + 0.0026 gallons/foot X 35 feet) + 0.25 gallons = 0.34 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
33	33	3:22	15:45	1.34

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
15:25	0.34	0.34	0.1	9.7	11.3	25.6	1.43	0.60	17	clear	none	-272
15:30	0.25	0.59	0.05	9.8	11.29	25.39	1.44	0.41	4	"	"	-283
15:35	0.25	0.84	"	9.7	11.24	25.32	1.43	0.35	1	"	"	-288
15:40	0.25	1.09	"	9.7	11.13	25.32	1.31	0.32	2	"	"	-290
15:45	0.25	1.34	"	9.7	11.10	25.30	1.27	0.32	1	"	"	-290

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Micah Forbes/ARCADIS		15:46	15:50

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE:
33	100 ml/min	

MDS 2/15/08

FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-199	3	CG	40ml	HCl	—	—	8260	RFPP

MDS 2/15/08

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tellevast	SITE LOCATION: Sarasota	
WELL NO: MW-200	SAMPLE ID: MW-200	DATE: 1/28/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 90 feet to 100 feet	STATIC DEPTH TO WATER (feet): 9.50	PURGE PUMP TYPE OR BAILER: (PP) geopump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (0.0026 gallons/foot X 105 feet) + 0.25 gallons = 0.52 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~95	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~95	PURGING INITIATED AT: 1420	PURGING ENDED AT: 1431	TOTAL VOLUME PURGED (gallons): 1.21

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/l or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1425	0.55	0.55	0.11	9.84	11.24	24.91	1230	0.78	8.15	clear	yes	-254
1428	0.33	0.88	0.11	9.84	11.24	25.08	1230	0.74	7.24	clear	yes	-261
1431	0.33	1.21	0.11	9.84	11.25	25.03	1230	0.72	4.44	clear	yes	-261

Well Stood 1/28/08

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Neil Smith / ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1432	SAMPLING ENDED AT: 1440
PUMP OR TUBING DEPTH IN WELL (feet): ~95	SAMPLE PUMP FLOW RATE (mL per minute): 100	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-200	3	CG	40ml	HCL	—	<2	8260B+8260B SIM	RFPP

REMARKS:
Needs new bolts for manhole cover

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Telledast	SITE LOCATION: Sarasota, FL	
WELL NO: MW-201	SAMPLE ID: MW-201	DATE: 1/28/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 150 feet to 160 feet	STATIC DEPTH TO WATER (feet): 14.39	PURGE PUMP TYPE OR BAILER: (pp) geopump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (0.20)
(only fill out if applicable)
= gallons + (0.0026 gallons/foot X 165 feet) + 0.25 gallons = 0.679 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~155	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~155	PURGING INITIATED AT: 1515	PURGING ENDED AT: 1542	TOTAL VOLUME PURGED (gallons): 2.80

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1521	0.70	0.70	0.10	12.84	7.85	24.99	1060	1.93	127	clear	yes	-187
1524	0.30	1.00	0.10	13.34	7.68	25.06	1060	1.78	62.4	clear	yes	-189
1527	0.30	1.30	0.10	13.62	7.64	25.06	1060	1.66	50.9	clear	yes	-188
1530	0.30	1.60	0.10	14.56	7.55	24.84	1050	1.50	43.0	clear	yes	-187
1533	0.30	1.90	0.10	15.15	7.53	24.99	1050	1.39	87.8	clear	yes	-189
1539	0.60	2.50	0.10	15.71	7.53	25.06	1050	1.23	85.6	clear	yes	-191
1542	0.30	2.80	0.10	16.15	7.53	25.12	1050	1.13	86.1	clear	yes	-192

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Neil Smith / ARCADIS	SAMPLER(S) SIGNATURES: Neil Smith	SAMPLING INITIATED AT: 1543	SAMPLING ENDED AT: 1550
PUMP OR TUBING DEPTH IN WELL (feet): ~155	SAMPLE PUMP FLOW RATE (mL per minute): ≤ 400	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: (Y) N/S	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-201	3	CG	40ml	HCL	–	<2	8260B+8260 SIM	RFPP

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; PE = Polyethylene; **PP** = Polypropylene; S = Silicone; **T** = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tellabs	SITE LOCATION: Sarasota, FL	
WELL NO: MW-202	SAMPLE ID: MW-202	DATE: 1/2 2/1/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 280 feet to 300 feet	STATIC DEPTH TO WATER (feet): 8.87	PURGE PUMP TYPE OR BAILER: app\geopump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (0.0026 gallons/foot X 290 feet) + 0.25 gallons = 1.00 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~280	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~280	PURGING INITIATED AT: 0745	PURGING ENDED AT: 0805	TOTAL VOLUME PURGED (gallons): 1.90

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
0755	1.00	1.00	0.10	12.15	7.48	24.30	0.856	2.87	31.4	clear	yes	-164
0758	0.30	1.30	0.10	12.39	7.48	24.31	0.853	2.73	17.6	clear	yes	-165
0801	0.30	1.60	0.10	12.80	7.50	24.33	0.856	2.60	12.1	clear	yes	-168
0804	0.30	1.90	0.10	12.99	7.50	24.35	0.867	2.50	11.5	clear	yes	-168

Need to 4/8/08

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: [illegible] ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 0806	SAMPLING ENDED AT: 0810
PUMP OR TUBING DEPTH IN WELL (feet): ~280	SAMPLE PUMP FLOW RATE (mL per minute): ~100	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: Y N	FIELD-FILTERED: Y N Filtration Equipment Type:	FILTER SIZE: ____ µm	DUPLICATE: Y N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-202	3	CG	40ml	HCl	—	<2	8260 BTEX MTBE	RFPP

REMARKS:
Placed new 'dedicated' tubing in well

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Tellevast - STA	SITE LOCATION:	Sarasota, FL	
WELL NO:	MW-204	SAMPLE ID:	MW-204	DATE: 1/23/08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	11 feet to 16 feet		PP (Geopump)

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (0.0026 gallons/foot X 25 feet) + 0.50 gallons = 0.565 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
~13.5	13.5	1020	1034	1.68

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1025	0.60	0.6	0.12	5.06	6.67	24.54	650	0.70	17.1	clear	yes	-145
1028	0.36	0.96	0.12	5.07	6.66	24.69	736	0.49	12.0	clear	yes	-150
1031	0.36	1.32	0.12	5.07	6.65	24.72	758	0.47	9.4	clear	yes	-149
1034	0.36	1.68	0.12	5.07	6.65	24.72	753	0.39	8.2	clear	yes	-148

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Neil Smith / ARCADIS	Neil Smith	1035	1040

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE:
~13.5	≤100ml	PE

FIELD DECONTAMINATION: Y N — FIELD-FILTERED: Y N — FILTER SIZE: ____ µm — Filtration Equipment Type: ____ — DUPLICATE: Y N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-204	3	CG	40ml	HCL	–	<2	8260B+SIM	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	TALLEVAST	SITE LOCATION:	SARASOTA, FL	
WELL NO:	MW-205	SAMPLE ID:	MW-205	DATE: 1/23/08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	30 feet to 35 feet		PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 40 feet) + 0.5 gallons = 0.6 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
32.5	32.5	1018	1037	1.14

MDS 4/13/08 ORP

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
1028	0.60	0.60	0.06	11.92	7.23	25.05	729	3.95	2.27	clear	no	192
1031	0.18	0.78	0.06	12.29	7.27	25.13	727	4.12	2.31	clear	no	192
1034	0.18	0.96	0.06	12.69	7.28	25.14	729	4.15	2.46	clear	no	192
1037	0.18	1.14	0.06	13.05	7.31	25.10	712	4.13	2.87	clear	no	184

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
SWNS ARCADIS		1039	1044

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE:
32.5	100	PE

FIELD DECONTAMINATION: (Y) N
FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm
Filtration Equipment Type: ____
DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-205	3	CG	40mL	HCl	40mL	—	8260+8260SIM	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Tellevast	SITE LOCATION:	Sarasota FL
WELL NO:	MW-206	SAMPLE ID:	MW-206
DATE:	1/29/08		

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	90 feet to 100 feet	10.98	(pp) geopump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (0.0026 gallons/foot X 105 feet) + 0.25 gallons = 0.52 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
~95	~95	1345	1355	1.60

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or ~~µS/cm~~)	DISSOLVED OXYGEN (circle ~~mg/L~~ or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1349	0.64	0.64	0.16	20.49	7.32	24.79	769	0.74	14.8	clear	yes	-256
1352	0.48	1.12	0.16	20.49	7.31	24.73	770	0.72	12.1	clear	yes	-261
1355	0.48	1.60	0.16	20.51	7.31	24.75	770	0.71	10.9	clear	yes	-262

N. Smith 1/29/08

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Neil Smith / ARCADIS		1359	1405

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE:
~95	200	PE

FIELD DECONTAMINATION: Y / N	FIELD-FILTERED: Y / N Filtration Equipment Type:	FILTER SIZE: ____ µm	DUPLICATE: Y / N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-206	3	CG	40ml	HCl	~~120~~ ml	<2	8260B 8260	RFPP

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; PE = Polyethylene; **PP** = Polypropylene; S = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

16S +D

SITE NAME: Former ABC Facility	SITE LOCATION: Tallavese, FL	
WELL NO: MW-207	SAMPLE ID: MW-207	DATE: 1.29.08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 281 feet to 301 feet	STATIC DEPTH TO WATER (feet): 9.5	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME 0.98
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 281 feet) + 0.25 gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 281	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 281	PURGING INITIATED AT: 13:40	PURGING ENDED AT: 14:10	TOTAL VOLUME PURGED (gallons): 2.0

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
13:50	1.0	1.0	0.1	13.3	11.45	24.95	1.57	1.05	1	clear	none	-224
13:55	0.25	1.25	0.05	14.4	11.49	25.13	1.57	0.90	0	"	"	-223
14:00	0.25	1.50	0.05	14.4	11.49	24.9	1.58	0.91	0	"	"	-232
14:05	0.25	1.75	0.05	14.4	11.48	25.02	1.57	0.87	0	"	"	-233
14:10	0.25	2.0	0.05	14.4	11.47	25.01	1.57	0.83	0	"	"	-234

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Micah Forbes / ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 14:11	SAMPLING ENDED AT: 14:15
PUMP OR TUBING DEPTH IN WELL (feet): 281 MDS 4/15/08	SAMPLE PUMP FLOW RATE (mL per minute): 100 MDS 4/15/08	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-207	3	CG	40ml	HCl	—	—	8260	RFPP MDS 4/15/08

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **~~Turbidity:~~** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Former ABC	SITE LOCATION: Tallevast, FL	
WELL NO: MW-208	SAMPLE ID: MW-208	DATE: 1-23-08

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/4"	WELL SCREEN INTERVAL DEPTH: 16 feet to 21 feet (MDS 4/15/08)	STATIC DEPTH TO WATER (feet): 3.30	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X feet) + 0.25 gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 1418	PURGING ENDED AT: 1438	TOTAL VOLUME PURGED (gallons): 2.0

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1429	1.1	1.1	0.1	3.67	7.05	24.87	1.79	0.33	2.15	none	none noted	-192
1432	0.3	1.4	"	3.68	7.04	24.99	1.76	0.30	3.34			-196
1435	0.3	1.7	"	3.68	7.03	25.05	1.75	0.28	1.91			-197
1438	0.3	2.0	"	3.68	7.03	25.15	1.74	0.31	3.44			-196
							mS/cm					

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1439	SAMPLING ENDED AT: 1440
Amy Cook / Arcadis			
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): 100 (MDS 4/15/08)	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-208	3	CG	40mL	HCl	—	—	8260	RFPP (MDS 4/15/08)

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Former ABC	SITE LOCATION: Tallerost, FL	
WELL NO: MW-209	SAMPLE ID: MW-209	DATE: 1.23.08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 41 feet to 46 feet (MDS 9/15/08)	STATIC DEPTH TO WATER (feet): 7.16	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X feet) + 0.25 gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 14:19	PURGING ENDED AT: 14:46	TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
14:23	0.5	0.5	0.1	10.7	6.96	25.4	2.59	0.96	0	clear	none	-195
14:30	1.0	1.0	0.1	13.5	6.97	25.5	2.59	0.52	11	"	"	-213
14:35	1.5	1.5	0.1	15.1	6.98	25.56	2.58	0.47	11	"	"	-219
14:40	2.0	2.0	0.1	15.4	7.02	25.73	2.56	0.43	14	"	"	
							mS/cm					

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Micah Forbes / Arcadis	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 14:41	SAMPLING ENDED AT: 14:45

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): ≤100 (MDS 9/15/08)	TUBING MATERIAL CODE:
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm Filtration Equipment Type:	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-209	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 9/15/08)

REMARKS: Purging as slow as possible to prevent drawdown

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Former ABC	SITE LOCATION: Tallevast, FL	
WELL NO: MW-210	SAMPLE ID: MW-210	DATE: 1.23.08

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/4"	WELL SCREEN INTERVAL DEPTH: 93 feet to 103 feet	STATIC DEPTH TO WATER (feet): 8.14	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: **1 WELL VOLUME** = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: **1 EQUIPMENT VOL.** = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X feet) + 0.25 gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 1543	PURGING ENDED AT: 1604	TOTAL VOLUME PURGED (gallons): 2.1

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1552	0.9	0.9	0.1	10.78	7.42	24.76	0.95	0.58	0.97			-232
1555	0.3	1.2	↓	11.18	7.43	24.74	0.95	0.60	1.07			-238
1558	0.3	1.5		11.46	7.43	24.65	0.95	0.79	1.12			-241
1601	0.3	1.8		11.82	7.43	24.60	0.95	0.75	1.09			-244
1604	0.3	2.1		11.96	7.43	24.60	0.95	0.72	1.03			-245
							mS/cm					

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1606	SAMPLING ENDED AT: 1610
Amy Coats / Arcadis			

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): <100 (MDS 4/15/08)	TUBING MATERIAL CODE: PE
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-210	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 4/15/08)

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Former ABC	SITE LOCATION:	Tallerost, FL	
WELL NO:	MW-211	SAMPLE ID:	MW-211	DATE: 1.23.08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	140 feet to 150 feet	7.8	PP

MDS 4/15/08

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + 0.0026 gallons/foot X feet) + 0.25 gallons = gallons

MDS 4/15/08

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 1509	PURGING ENDED AT: 1545	TOTAL VOLUME PURGED (gallons): 4.0

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1515	1.0	1.0	0.1	10.25	8.01	25.60	0.466	0.58	0	clear	none	-273
1520	1.5	1.5	0.1	11.20	7.78	25.4	0.468	0.45	618	turbid	none	-274
1525	2.0	2.0	0.1	12.2	7.73	25.4	0.467	0.39	341	turbid	none	-288
1530	2.5	2.5	0.1	13.25	7.78	25.4	0.463	0.37	82	sl. turbid	none	-298
1535	3.0	3.0	0.1	13.95	7.95	25.3	0.456	0.35	16	clear	none	-316
1540	3.5	3.5	0.1	14.1	7.92	25.2	0.447	0.33	15	clear	none	-320
1545	4.0	4.0	0.1	14.2	7.95	25.2	0.446	0.31	12	clear	none	-322

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1546	SAMPLING ENDED AT: 15:58
Micah Forbes / Arcadis			

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): <100 MDS 4/15/08	TUBING MATERIAL CODE:
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-211	3	CG	40ml	HCl	—	—	8260	RFPP

MDS 4/15/08

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Former ABC	SITE LOCATION: Tallevast, FL	
WELL NO: MW-212	SAMPLE ID: MW-212	DATE: 1-23-08

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/4"	WELL SCREEN INTERVAL DEPTH: 281 feet to 301 feet (MOS 9/15/08)	STATIC DEPTH TO WATER (feet): 4.04	PURGE PUMP TYPE OR BAILER: P P

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X feet) + 0.25 gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 1507	PURGING ENDED AT: 1518 (MOS 9/15/08)	TOTAL VOLUME PURGED (gallons): 1.6 (MOS 9/15/08)

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
1512	0.5	0.5	0.1	6.61	7.69	24.96	1.09	0.32	0.0	none	none noted	-253
1515	0.3	0.8	↓	7.30	7.70	24.96	1.09	0.32	0.0	↓	↓	-257
1518	0.3	1.1	↓	7.69	7.71	24.98	1.09	0.31	0.0	↓	↓	-259
							µS/cm					

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Amy Coats / Arcadis	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1519	SAMPLING ENDED AT: 1520
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): 100 (MOS 9/15/08)	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-212	3	CG	40mL	HCl	—	—	8260	RFPP (MOS 9/15/08)

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Former ABC	SITE LOCATION: Tallevast	
WELL NO: MW-213	SAMPLE ID: MW-213	DATE: 1-31-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 15 feet to 20 feet	STATIC DEPTH TO WATER (feet): 2.29	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (.0026 gallons/foot X 23 feet) + .25 gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 3:18	PURGING ENDED AT: 1540	TOTAL VOLUME PURGED (gallons): 2.3

MDS 4/15/08

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
~~15:25~~ 15:25	~~3.25~~	0.7	0.7	0.1	3.82	6.14	23.87	.755	2.06	.19	clear	none	27
~~15:28~~ 15:28	0.3	1.0	0.1	4.09	6.18	24.0	.747	1.61	.30	clear	none	-17
~~15:31~~ 15:31	0.3	1.3	0.1	4.17	6.21	24.07	.740	1.49	2.06	clear	none	-41
15:34	0.3	1.7	0.1	4.25	6.33	24.15	.740	1.38	0.29	clear	none	-65
15:37	0.3	2.0	0.1	4.3	6.44	24.19	.736	1.33	0.51	clear	none	-81
15:40	0.3	2.3	0.1	4.33	6.51	24.21	.739	1.31	0.43	clear	none	-96

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Darrin Johnson	SAMPLER(S) SIGNATURE(S): Darrin Johnson	SAMPLING INITIATED AT: 15:41	SAMPLING ENDED AT: 15:46
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): <100 MDS 4/15/08	TUBING MATERIAL CODE: T	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ___ µm	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-213	3	CG	40ml	HCl	—	—	8260	RFPP

MDS 4/15/08

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ Turbidity: ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast (MDS 4/15/08)		SITE LOCATION: Sarasota FL (MDS 4/15/08)	
WELL NO: MW-214	SAMPLE ID: MW-214	DATE: 1/31/08	

PURGING DATA (MDS 4/15/08)

WELL DIAMETER (inches):	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 30 feet to 35 feet	STATIC DEPTH TO WATER (feet): 9.99	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 35 feet) + .25 gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 1511	PURGING ENDED AT: 1533 (MDS 4/15/08)	TOTAL VOLUME PURGED (gallons): 2.3 (MDS 4/15/08)

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1516	0.5	0.5	0.1	10.27	6.9	25.0	.91	4.6	1.23	clear	none	170
1519	0.3	0.8	↓	10.28	6.8	25.1	.91	3.5	1.46	↓	↓	151
1521	0.3	1.1		10.29	6.8	25.2	.91	3.2	.62			145
1524	0.3	1.4		10.28	6.9	25.1	.90	3.1	.34			140
1527	0.3	1.7		10.28	6.9	25.1	.90	3.0	.24			136
1530	0.3	2.0	↓	10.28	6.9	25.0	.90	2.8	.28			129
1533	0.3	2.3			6.9	25.0	.90	2.9	.45	↓	↓	
1536	→ Sample @ 1535 ←											
	(MDS 4/15/08)	(MDS 4/15/08)										

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: ARCADIS	SAMPLER(S) SIGNATURES: KAlcalewell	SAMPLING INITIATED AT: 1535	SAMPLING ENDED AT: 1540
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): <100 (MDS 4/15/08)	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N (MDS 4/15/08)	FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm Filtration Equipment Type: (MDS 4/15/08)	DUPLICATE: Y (N) (MDS 4/15/08)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-214	3	CG	40ml	HCl	—	✓	8260	RFPP (MDS 4/15/08)

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast (MDS 4/15/08)		SITE LOCATION: Sarasota FL (MDS 4/15/08)	
WELL NO: MW-215	SAMPLE ID: MW-215	DATE: 1/31/08	

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/4"	WELL SCREEN INTERVAL DEPTH: 90 feet to 100 feet	STATIC DEPTH TO WATER (feet): 13.41	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= Ø gallons + (.00026 gallons/foot X 100 feet) + .25 gallons = .51 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 95	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 95	PURGING INITIATED AT: 1419	PURGING ENDED AT: 1439 (MDS 4/15/08)	TOTAL VOLUME PURGED (gallons): 2.0 (MDS 4/15/08)

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1424	0.5	0.5	0.1	13.61	7.5	25.0	.78	4.0	46.6	Cloudy	none	60
1427	0.8	0.3	0.1	13.64	7.5	24.8	.78	3.4	13.9			63
1430	1.1	0.3	0.1	13.64	7.3	24.8	.76	3.1	2.84	Clear		36
1433	1.4	0.3	0.1	13.64	7.2	24.8	.77	3.0	1.10			24
1436	1.7	0.3	0.1	13.64	7.2	24.7	.77	3.0	.80			23
1439	2.0	0.3	0.1	13.64	7.2	24	.77	2.9	.47			

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Kasey Cornwell / ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1445	SAMPLING ENDED AT: 1450
PUMP OR TUBING DEPTH IN WELL (feet): 95	SAMPLE PUMP FLOW RATE (mL per minute): <100 (MDS 4/15/08)	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-215	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 4/15/08)

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Tellevast	SITE LOCATION:	Sarasota, FL	
WELL NO:	MW-216	SAMPLE ID:	MW-216	DATE: 1/31/08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	140 feet to 150 feet	14.72	(APP) gpm

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (0.0026 gallons/foot X 160 feet) + 0.25 gallons = 0.65 gallons (0.25)

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
~145	~145	1505	1518	1.30

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1512	0.70	0.70	0.10	17.21	7.33	24.79	0.683	0.63	13.6	clear	Yes	-212
1515	0.30	1.00	0.10	18.42	7.36	24.77	0.680	0.58	16.4	clear	Yes	-219
1518	0.30	1.30	0.10	18.45	7.39	24.76	0.679	0.56	14.9	clear	Yes	-224

MW Purge 1/31/08

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Neil Smith / ARCADIS		1520	1525

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE:
~145	400	PE

FIELD DECONTAMINATION: Y / N	FIELD-FILTERED: Y / N; Filtration Equipment Type:	FILTER SIZE: ____ µm	DUPLICATE: Y / N
Y	N		N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-216	3	CG	40m	HCl	–	<2	8260B 8260 SIM	RFPP

REMARKS:
Placed new lock & caps on well

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** all readings ≤ 20 NTU; ~~optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast (MDS 4/15/08)		SITE LOCATION: Sarasota FL (MDS 4/15/08)	
WELL NO: MW-217	SAMPLE ID: MW-217	DATE: 1/31/08	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: 280 feet to 300 feet	STATIC DEPTH TO WATER (feet): 13.03	PURGE PUMP TYPE OR BAILER: Peristaltic

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)

= (feet – feet) X gallons/foot = ~~0.16~~ 0.17 (MDS) gallons 2.34

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)

= 0 gallons + (300 0.0026 gallons/foot X ~~13.03~~ 300 feet) + 0.25 gallons = 6.03 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
290	290	1422	1619	5.24 (MDS 4/15/08)

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1510	2.4	2.4	0.05	20.20	7.63	26.97	0.587	0.94	3.51	clear	—	-282
1525	0.75	3.15	0.05	21.09	7.63	26.31	0.584	0.94	1.91	clear	—	-283
1540	0.75	3.90	0.05	21.74	7.64	25.82	0.587	0.95	1.23	clear	—	-285
1555	0.75	~~3.90~~ 4.60	0.05	22.20	7.64	25.14	0.584	0.96	1.03	clear	—	-285
1610	0.40	5.0	~~0.026~~ 0.0026	22.50	7.64	24.57	0.584	0.97	1.01	clear	—	-285
1613	0.08	5.08	0.026	22.51	7.64	24.59	0.584	0.98	1.05	clear	—	-285
1616	0.08	5.16	0.026	22.53	7.64	24.59	0.584	0.98	1.00	clear	—	-286
1619	0.08	5.24	0.026	22.54	7.64	24.60	0.584	0.98	1.00	clear	—	-286

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Nathan Smith	SAMPLER(S) SIGNATURES: Nath P Smith	SAMPLING INITIATED AT: 1619	SAMPLING ENDED AT: 1625
PUMP OR TUBING DEPTH IN WELL (feet): 290 (MDS 4/15/08)	SAMPLE PUMP FLOW RATE (mL per minute): <100 (MDS 4/15/08)	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N (MDS 4/15/08)	FIELD-FILTERED: Y (N) FILTER SIZE: — µm Filtration Equipment Type: — (MDS 4/15/08)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-217	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 4/15/08)

REMARKS: Initial Purge water is silty gray–blue in color. water levels would not stabalize until around 1610.

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

0.75 0.99

SITE NAME:	Tallevast	SITE LOCATION:	Tallevast, FL	
WELL NO:	MW-219	SAMPLE ID:	MW-219	DATE: 1/25/08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	22 feet to 27 feet	3.60	Geopump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.002 6 gallons/foot X 30 feet) + 0.25 gallons = 0.33 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
24.5	24.5	1233	1247	1.82

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
P 1241	1.04	1.04	~~0.33~~ 0.13	3.97	6.6	24.6	0.418	0.8	1.95	clear	none	-111
1243	0.26	1.30	0.13	3.97	6.5	24.4	0.416	1.0	1.21	clear	none	-109
1245	0.26	1.56	0.13	3.99	6.5	24.6	0.416	1.4	1.00	clear	none	-110
1247	0.26	1.82	0.13	4.00	6.5	24.6	0.411	1.4	0.89	clear	none	-110

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Jennifer King / Arcadis	Jennifer King	1248	1252
PUMP OR TUBING DEPTH IN WELL (feet): 24.5	SAMPLE PUMP FLOW RATE (mL per minute): ~492	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-219	3	CG	40ml	HCl	—	—	8260	RFPP

REMARKS: missing 1 bolt for cover

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Tallevast	SITE LOCATION:	Tallevast, FL	
WELL NO:	MW-220	SAMPLE ID:	MW-220	DATE: 1/25/08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	39 feet to 44 feet	39.5	Geopump (PP)

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 47 feet) + 0.25 gallons = 0.37 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
41.5	41.5	1232	1246	1.96

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1240	1.12	1.12	0.14	10.82	7.31	25.0	.794	0.56	7.68	clear	NONE	-228
1242	.28	1.40	0.14	12.71	7.31	25.2	.808	0.60	2.12	clear	NONE	-230
1244	.28	1.68	0.14	13.09	7.32	25.2	.802	0.58	0.62	clear	NONE	-232
1246	.28	1.96	0.14	13.90	7.31	25.1	.806	0.55	0.62	CLEAR	NONE	-231

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
BRIDGET STAHL / ARCADIS	[signature]	1247	1251

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE:
41.5	~530	

FIELD DECONTAMINATION: (Y) N
FIELD-FILTERED: (Y) N Filtration Equipment Type: FILTER SIZE: ____ µm
DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-220	3	CG	40ml	HCl	—	—	8260	RFPP

REMARKS:
missing bolt

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** all readings ≤ 20 NTU, optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

1.62

SITE NAME: TALLEVAST	SITE LOCATION: TALLEVAST, FL	
WELL NO: MW-221	SAMPLE ID: MW-221	DATE: 1-25-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 97 feet to 107 feet	STATIC DEPTH TO WATER (feet): 8.88	PURGE PUMP TYPE OR BAILER: PP Geo Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 110 feet) + 0.25 gallons = 0.54 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 102	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 102	PURGING INITIATED AT: ~~1347~~ 1304 1312	PURGING ENDED AT: 1332	TOTAL VOLUME PURGED (gallons): 2.40

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1326												
~~1327~~ 1314	1.68	1.68	0.12	10.69	7.30	25.2	1.24	0.52	64.4	Cloudy	yes	-283
1328	0.24	1.92	0.12	10.76	7.31	25.3	1.24	0.51	61.0	Cloudy	yes	-286
1330	0.24	2.16	0.12	10.80	7.32	25.1	1.24	0.50	59.8	Cloudy	yes	-288
1332	0.24	2.40	0.12	10.82	7.32	25.1	1.24	0.49	57.7	Cloudy	yes	-288

14

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: BRIDGET STAHL / ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1333	SAMPLING ENDED AT: 1343
PUMP OR TUBING DEPTH IN WELL (feet): 102	SAMPLE PUMP FLOW RATE (mL per minute): ~~455~~ 455	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-221	3	CG	40ml	HCl	40ml	—	8260	RFPP

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** all readings ≤ 20 NTU; optionally ~~± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

1.89

SITE NAME: TALLEVAST	SITE LOCATION: TALLEVAST, FL	
WELL NO: MW-222	SAMPLE ID: MW-222	DATE: 1- -08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 133 feet to 143 feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 146 feet) + .25 gallons = 0.63 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 138	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 138	PURGING INITIATED AT: 1309	PURGING ENDED AT: 1334	TOTAL VOLUME PURGED (gallons): 2.64

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/l or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1327	1.98	1.98	0.11	17.65	7.5	25.7	1.21	0.4	5.28	clear	yes	-29
1329	0.22	2.20	0.11	18.15	7.5	25.6	1.30	0.9	3.88	clear	yes	-27
1331	0.22	2.42	0.11	18.32	7.5	25.7	1.29	0.5	2.65	clear	yes	-220
1333	0.22	2.64	0.11	18.56	7.5	25.7	1.31	0.4	1.53	clear	yes	-222

18

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jennifer King / ARCADIS	SAMPLER(S) SIGNATURES: Jennifer King	SAMPLING INITIATED AT: 1337	SAMPLING ENDED AT: 1341
PUMP OR TUBING DEPTH IN WELL (feet): 138	SAMPLE PUMP FLOW RATE (mL per minute): ~416	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-222	3	CG	40ml	HCl	40ml	—	8260	RFPP

REMARKS: missing bolt

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU, optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tellabs	SITE LOCATION: Sarasota, FL	
WELL NO: MW-223	SAMPLE ID: MW-223	DATE: 1/25/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 10 feet to 15 feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: (PP) geopump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (0.0026 gallons/foot X 30 feet) + 0.50 gallons = 0.578 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~12.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~12.5	PURGING INITIATED AT: 1040	PURGING ENDED AT: 1052	TOTAL VOLUME PURGED (gallons): 1.32

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
3 1043	0.63	0.63	0.21	5.75	6.77	22.97	920	0.78	5.26	clear	yes	-95
1046	0.21	0.84	0.07	5.77	6.78	22.76	937	0.64	3.45	clear	yes	-104
1049	0.27	1.11	0.07	5.77	6.79	22.78	931	0.66	4.07	clear	yes	-108
1052	0.21	1.32	0.07	5.77	6.79	22.81	932	0.64	3.01	clear	yes	-111

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: N. Smith / ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1052	SAMPLING ENDED AT: 1100
PUMP OR TUBING DEPTH IN WELL (feet): ~12.5	SAMPLE PUMP FLOW RATE (mL per minute): <100	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: Y N	FIELD-FILTERED: Y N Filtration Equipment Type:	FILTER SIZE: ____ µm	DUPLICATE: Y N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-223	3	CG	40ml	HCL	–	<2	8260B	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tellerast	SITE LOCATION: Sarasota, FL	
WELL NO: MW-224	SAMPLE ID: MW-224	DATE: 1/25/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 25 feet to 30 feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (0.0026 gallons/foot X 34 feet) + 0.50 gallons = (0.66) 0.58 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~27.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~27.5	PURGING INITIATED AT: 0955	PURGING ENDED AT: 1012	TOTAL VOLUME PURGED (gallons): 2.38

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/l or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
5 1000	0.70	0.70	0.14	12.42	6.85	25.41	1630	0.54	3.05	clear	Yes	-134
1003	0.42	1.12	0.14	13.61	6.91	25.37	1590	0.95	2.76	clear	Yes	-123
1006	0.42	1.54	0.14	14.89	6.92	25.47	1650	1.65	1.45	clear	Yes	-115
1009	0.42	1.96	0.14	15.75	6.92	25.42	1630	0.60	1.22	clear	Yes	-115
1012	0.42	2.38	0.14	15.99	6.92	25.47	1630	0.69	1.00	clear	Yes	-116

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Neil Smit Arcadis	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1014	SAMPLING ENDED AT: 1020
PUMP OR TUBING DEPTH IN WELL (feet): ~27.5	SAMPLE PUMP FLOW RATE (mL per minute): 200	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: Y N	FIELD-FILTERED: Y N Filtration Equipment Type:	FILTER SIZE: ____ µm	DUPLICATE: Y N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-224	3	CG	40m	HCL	—	<2	8260B 8260 SIM	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tellevast	SITE LOCATION: Sarasota, FL	
WELL NO: MW-225	SAMPLE ID: MW-225	DATE: 1/25/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 40 feet to 45 feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: PP (MDS 4/15/08)

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (0.0026 gallons/foot X 50 feet) + 0.50 gallons = 0.63 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~43	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~43	PURGING INITIATED AT: 1052	PURGING ENDED AT: 1109	TOTAL VOLUME PURGED (gallons): 1.70

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
1100	0.80	0.80	0.10	~~6.82~~ 11.69	6.82	24.69	181	0.45	13.5	clear	yes	-155
1103	0.30	1.10	0.10	12.41	6.84	24.65	180	0.43	7.4	clear	yes	-155
1106	0.30	1.40	0.10	13.01	6.85	24.60	181	0.47	3.9	clear	yes	-158
1109	0.30	1.70	0.10	13.47	6.85	24.53	181	0.46	2.4	clear	yes	-158

Nal Smith 1/25/08

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Nal Smith / ARCADIS	SAMPLER(S) SIGNATURES: Nal Smith	SAMPLING INITIATED AT: 1110	SAMPLING ENDED AT: 1120
PUMP OR TUBING DEPTH IN WELL (feet): ~43	SAMPLE PUMP FLOW RATE (mL per minute): 200	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: Y / N	FIELD-FILTERED: Y / N Filtration Equipment Type: ____ FILTER SIZE: ____ µm	DUPLICATE: Y / N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-225	3	CG	40ml	HCl	–	<2	8260B+8260SIM	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU, optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tellerant	SITE LOCATION: Sarasota, FL	
WELL NO: MW-226	SAMPLE ID: MW-226	DATE: 1/25/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 90 feet to 100 feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: (pp) geopump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (0.0026 gallons/foot X 95 feet) + 0.50 gallons = 0.75 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~95	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~95	PURGING INITIATED AT: 1130	PURGING ENDED AT: 1147	TOTAL VOLUME PURGED (gallons): 1.70

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1138	0.80	0.80	0.10	6.31	7.34	23.15	101	0.49	10.34	clear	NO	-181
1141	0.30	1.10	0.10	6.31	7.34	22.98	103	0.47	9.1	clear	NO	-182
1144	0.30	1.40	0.10	6.31	7.33	22.10	103	0.44	8.21	clear	NO	-184
1147	0.30	1.70	0.10		7.30	23.18	108	0.45	3.9	clear	NO	-189

JS 1/28/08

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: N. Smith / ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1148	SAMPLING ENDED AT: 1155
PUMP OR TUBING DEPTH IN WELL (feet): ~95	SAMPLE PUMP FLOW RATE (mL per minute): <100	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: Y N	FIELD-FILTERED: Y N FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-226	3	CG	40	HCl	—	<2	8260B+8260-SIM	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** all readings ≤ 20 NTU; ~~optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: TALLEVAST	SITE LOCATION: SARASOTA, FL	
WELL NO: MW-227	SAMPLE ID: MW-227	DATE: 1/25/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 145 feet to 155 feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 160 feet) + 0.5 gallons = 0.92 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 150	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 150	PURGING INITIATED AT: 0948	PURGING ENDED AT: 1024	TOTAL VOLUME PURGED (gallons): 2.16

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1004	0.96	0.96	0.06	12.33	6.88	21.03	1070	1.99	2.09	clear	yes	-170
1008	0.24	1.20	0.06	13.09	7.15	21.46	1060	1.88	1.38	clear	yes	-192
1012	0.24	1.44	0.06	13.45	7.20	21.56	1060	0.97	1.22	clear	yes	-200
1016	0.24	1.68	0.06	14.04	7.24	21.86	1050	0.67	2.12	clear	yes	-211
1020	0.24	1.92	0.06	14.66	7.26	21.97	1050	0.58	2.22	clear	yes	-218
1024	0.24	2.16	0.06	15.59	7.27	22.02	1050	0.53	0.94	clear	yes	-222

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: SW/NS/ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1026	SAMPLING ENDED AT: 1032
PUMP OR TUBING DEPTH IN WELL (feet): 150	SAMPLE PUMP FLOW RATE (mL per minute): ≤ 100	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-227	3	CG	40mL	HCl	40mL	—	8260 + 8260 SIM	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU, optionally ± 5 NTU or ± 10% (whichever is greater)~~

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: TALLEVAST	SITE LOCATION: SARASOTA, FL	
WELL NO: MW-228	SAMPLE ID: MW-228	DATE: 1/23/08

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 98 feet to 108 feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = ~~0.5~~ gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 113 feet) + 0.5 gallons = 0.80 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 103	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 103	PURGING INITIATED AT: 0925	PURGING ENDED AT: 0941 (MDS 4/15/08)	TOTAL VOLUME PURGED (gallons): 1.92 (MDS 4/15/08)

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
0932	0.84	0.84	0.12	18.70	7.27	24.58	920	0.42	17.91	clear	yes	-242
0935	0.36	1.20	0.12	20.94	7.34	24.55	990	0.42	11.10	clear	yes	-245
0938	0.36	1.56	0.12	21.50	7.29	24.67	999	0.47	6.78	clear	yes	-246
0941	0.36	1.92	0.12	22.25	7.34	24.65	999	0.41	4.44	clear	yes	-246

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: NS/SW/ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 0944	SAMPLING ENDED AT: 0948
PUMP OR TUBING DEPTH IN WELL (feet): 103	SAMPLE PUMP FLOW RATE (mL per minute): 100	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: (Y) N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-228	3	CG	40mL	HCl	40mL	—	8260+8260SIM	RFPP
DUP-4	3	CG	40mL	HCl	40mL	—	8260+8260SIM	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast (MDS 4/15/08)		SITE LOCATION: Sarasota FL (MDS 4/15/08)	
WELL NO: MW-229	SAMPLE ID: MW-229	DATE: 1/29/08	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: 17.5 feet to 22.5 feet	STATIC DEPTH TO WATER (feet): 6.43	PURGE PUMP TYPE OR BAILER: Peristaltic

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 6 gallons + (0.0026 gallons/foot X 23 feet) + 0.25 gallons = 0.2 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
21	21	1020	1042	2.2

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1030		1.0	0.1	6.59	5.35	27.38	0.636	1.56	6.38	clear	–	30
1033	0.3	1.3	0.1	6.59	5.34	27.34	0.636	1.48	5.21	clear	—	30
1036	0.3	1.6	0.1	6.59	5.34	27.43	0.637	1.37	1.58	clear	—	27
1039	0.3	1.9	0.1	6.59	5.34	27.42	0.633	1.25	1.02	clear	—	27
1042	0.3	2.2	0.1	6.59	5.34	27.47	0.635	1.16	1.07	"	—	18
		Sampled @ 1042										

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Nathan Smith	Nathan Smith	1042	1048

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE:
21 (MDS 4/15/08)	100 (MDS 4/15/08)	

FIELD DECONTAMINATION: (Y) N
FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm
Filtration Equipment Type:
DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-229	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 4/15/08)

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast (MDS 4/15/08)		SITE LOCATION: Sarasota FL (MDS 4/15/08)	
WELL NO: MW-230	SAMPLE ID: MW-230	DATE: 1/29/08	

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/4"	WELL SCREEN INTERVAL DEPTH: 31 feet to 36 feet	STATIC DEPTH TO WATER (feet): 6.85	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
~~only fill out if applicable~~
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 36 feet) + 0.25 gallons = 0.34 gallons (MDS 4/15/08)

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
33	33	1022	1039	1.4

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1027	.5	.5	0.1	9.36	6.9	26.6	.63	3.9	0.83	Clear	none	138
1030	.3	.8	↓	9.84	6.9	26.8	.62	2.7	1.26	↓	↓	72
1033	.3	1.1	↓	10.21	7.0	26.8	.62	2.7	1.83	↓	↓	48
1036	.3	1.4	↓	11.40	7.0	26.8	.63	2.6	1.94	↓	↓	38
1039	→	→	Started Sampling @			0		1039	←	←	←	

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
Kasey Cornwell / ARCADIS	Kasey Cornwell	1039	1045

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE:
33	200 (MDS 4/15/08)	

FIELD DECONTAMINATION: (Y) N
FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm
Filtration Equipment Type:
DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-230	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 4/15/08)

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast (MDS 4/15/08)		SITE LOCATION: Sarasota FL (MDS 4/15/08)	
WELL NO: MW-231	SAMPLE ID: MW-231	DATE: 1/29/08	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: 96 feet to 107 feet	STATIC DEPTH TO WATER (feet): 20.65	PURGE PUMP TYPE OR BAILER: Peristaltic

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (~~0~~ feet – 107 feet) X ~~0~~ 0.25 gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 107 feet) + 0.25 gallons = 0.5 gallons

(MDS 4/15/08) (MDS 4/15/08) (MDS 4/15/08) (MDS 4/15/08)

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
102	102	1020	1036	1.6

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1027	0.7	0.7	0.1	21.25	6.7	25.7	0.77	3.4	8.90	clear	—	12
1030	0.3	1.0	0.1	21.25	6.7	25.7	0.77	2.9	6.50	"	—	2
1033	0.3	1.3	0.1	21.25	6.7	25.6	0.77	2.7	1.0	"	—	-6
1036	0.3	1.6	0.1	21.25	6.7	25.6	0.77	2.6	1.1	"	—	-10
	(MDS 4/15/08)											

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: (MDS 4/15/08) ARLADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1036	SAMPLING ENDED AT:
PUMP OR TUBING DEPTH IN WELL (feet): 102 (MDS 4/15/08)	SAMPLE PUMP FLOW RATE (mL per minute): 100 (MDS 4/15/08)	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-231	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 4/15/08)

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	TALLEVAST	SITE LOCATION:	SARASOTA	
WELL NO:	MW-232	SAMPLE ID:	MW-232	DATE: 1/30/08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	98 feet to 108 feet		PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 113 feet) + 0.5 gallons = 0.79 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
103	103	1400	1455	3.32

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1427	1.62	1.64	0.06	14.11	7.31	25.60	700	5.27	1.48	Clear	Yes	-284
1431	0.24	1.88	0.06	14.11	7.31	25.62	701	5.11	1.08	clear	yes	-284
1435	0.24	2.12	0.06	14.03	7.32	25.65	701	3.88	0.86	clear	yes	-292
1439	0.24	2.36	0.06	14.15	7.30	25.63	703	2.28	17.5	clear	yes	-304
1443	0.24	2.60	0.06	14.11	7.42	25.60	699	2.96	5.19	clear	yes	-318
1447	0.24	2.84	0.06	14.15	7.30	25.38	699	0.89	4.42	clear	yes	-326
1451	0.24	3.08	0.06	14.18	7.27	25.35	699	0.59	2.79	clear	yes	-328
1455	0.24	3.32	0.06	14.19	7.26	25.31	698	0.57	2.95	clear	yes	-330

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
SWITH / ARCADIS		1457	1503

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE:
103	≤100	PE

FIELD DECONTAMINATION: (Y) N
FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm
Filtration Equipment Type:
DUPLICATE: (Y) N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-232	3	CG	40mL	HCl	40mL	—	8260B+8260BSIM	RFPP
DUP-24	3	CG	40mL	HCl	40mL	—	11	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

1.56

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Intrust	SITE LOCATION: Sarasota FL (MDS 4/15/08)		
WELL NO: mw-233	SAMPLE ID: mw-233	DATE: 1-24-08	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 90 feet to 100 feet	STATIC DEPTH TO WATER (feet): 16.08	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (.0026 gallons/foot X 103 feet) + .25 gallons = 0.52 gallous

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 95	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 95	PURGING INITIATED AT: 1621	PURGING ENDED AT: 1706	TOTAL VOLUME PURGED (gallons): 1.80 (MDS 4/15/08)

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1700	1.56	1.56	0.04	28.69	7.52	24.9	.635 mS/cm	0.45	53.4	slightly cloudy	yes	-270
1702	0.08	1.64	0.04	28.85	7.55	24.9	.637	0.46	53.4	slightly cloudy	yes	-272
1704	0.08	1.72	0.04	28.99	7.56	24.9	.636	0.45	50.1	slightly cloudy	yes	-272
1706	0.08	1.80	0.04	29.06	7.56	24.8	.640	0.45	48.9	slightly cloudy	yes	-272

39

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jennifer King / ARCADIS	SAMPLER(S) SIGNATURES: Jennifer King	SAMPLING INITIATED AT: 1708	SAMPLING ENDED AT: 1715
PUMP OR TUBING DEPTH IN WELL (feet): 95	SAMPLE PUMP FLOW RATE (mL per minute): 150	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type: ____	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-233	3	CG	40mL	HCL	40mL	—	8260	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast (MDS 4/15/08)		SITE LOCATION: Sarasota FL (MDS 4/15/08)	
WELL NO: MW-234	SAMPLE ID: MW-234	DATE: 1/31/08	

PURGING DATA

(MDS 4/15/08)

WELL DIAMETER (inches):	TUBING DIAMETER (inches): 4	WELL SCREEN INTERVAL DEPTH: 5 feet to 20 feet	STATIC DEPTH TO WATER (feet): 2.58	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= Ø gallons + (0.00026 gallons/foot X 20 feet) + .25 gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 1018	PURGING ENDED AT: 1055	TOTAL VOLUME PURGED (gallons): 3.2 (MDS 4/15/08)

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
1023	0.5	0.5	0.1	3.36	6.54	25.09	.382	1.50	11.8	Clear	none.	-98
1026	0.3	0.8		3.39	6.61	25.08	.396	1.31	10.43			-130
1029	0.3	1.1		3.42	6.67	25.17	.412	1.26	8.27			-145
1032	0.3	1.4		3.58	6.65	25.20	.417	1.18	12.0			-159
1035	0.3	1.7		3.52	6.67	25.21	.434	1.17	17.60	"rusty"		-171
1038	0.3	2.0		3.53	6.66	25.25	.433	1.15	49.5	Cloudy		-175
1041	0.3	2.3		3.53	6.67	25.29	.871	1.10	11.6	Clearish		-182
1044	0.3	2.6		3.53	6.67	25.35	0.900	1.09	4.22	Clear		-183
1047	0.3	2.9		3.53	6.67	25.37	0.900	1.08	3.42			-185
1050	0.3	3.2			6.69	25.52	0.900	1.07	3.50			-186

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (LPF): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

(MDS 4/15/08) (MDS 4/15/08)

SAMPLING DATA

(MDS 4/15/08)

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1055	SAMPLING ENDED AT: 1100
I ARLADIS			

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): 200 (MDS 4/15/08)	TUBING MATERIAL CODE:
FIELD DECONTAMINATION: (Y) N (MDS 4/15/08)	FIELD-FILTERED: Y (N) FILTER SIZE: µm Filtration Equipment Type: (MDS 4/15/08)	DUPLICATE: Y (N) (MDS 4/15/08)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-234	3	CG	40ML	HCl	—	—	8260	RFPP (MDS 4/15/08)

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU, optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast (MDS 4/15/08)		SITE LOCATION: Sarasota FL (MDC 4/15/08)	
WELL NO: MW-235	SAMPLE ID: MW-235	DATE: 1/31/08	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: 25 feet to 40 feet	STATIC DEPTH TO WATER (feet): 10.41	PURGE PUMP TYPE OR BAILER: PP (MDS 4/15/08)

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (0.0025 gallons/foot X 40 feet) + 0.25 gallons = 0.35 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 38	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 38	PURGING INITIATED AT: 1114	PURGING ENDED AT: 1146	TOTAL VOLUME PURGED (gallons): 1.50 (MDS 4/15/08)

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1130		0.75	0.05	12.71	7.15	25.71	0.544	0.98	0.29	clear	—	-222
1133	0.15	0.90	0.05	12.71	7.15	25.64	0.556	0.97	0.29	clear	—	-227
1137	0.15	1.05	0.05	12.71	7.15	25.70	0.840	0.95	0.29	clear	—	-232
1140	0.15	1.20	0.05	12.71	7.15	25.84	0.900	0.93	0.18	clear	—	-239
1143	0.15	1.35	0.05	12.71	7.16	25.85	0.940	0.92	0.18	clear	—	-241
1146	0.15	1.50	0.05	12.71	7.16	25.96	0.950	0.92	0.16	Clear	—	-242

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Nathan Smith	SAMPLER(S) SIGNATURES: Nath P Smith	SAMPLING INITIATED AT: 1146	SAMPLING ENDED AT: 1150
PUMP OR TUBING DEPTH IN WELL (feet): 38 (MDS 4/15/08)	SAMPLE PUMP FLOW RATE (mL per minute): 100 (MDS 4/15/08)	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N (MDS 4/15/08)	FIELD-FILTERED: Y (N) FILTER SIZE: µm Filtration Equipment Type: (MDS 4/15/08)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-235	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 4/15/08)

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast (MDS 4/15/08)	SITE LOCATION: Tallevast	
WELL NO: MW-236	SAMPLE ID: MW-236	DATE: 1-31-05

PURGING DATA

(MDS 4/15/08)

WELL DIAMETER (inches):	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 90 feet to 100 feet	STATIC DEPTH TO WATER (feet): 15.56	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (.0026 gallons/foot X 103 feet) + .75 gallons = 0.52 gallons (MDS 4/15/08)

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 10:27	PURGING ENDED AT: 11:02	TOTAL VOLUME PURGED (gallons): 3.5 (MDS 4/15/08)

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
10:47	2.0	2.0	0.1	16.12	753	24.70	0.596	1.39	15.7	murky	none	-264
10:50	0.3	2.3	0.1	16.12	754	24.65	0.610	1.29	19.3			-269
10:53	0.3	2.6	0.1	16.12	7.62	24.76	0.612	1.15	46.9			-265
10:56	0.3	2.9	0.1	16.12	7.65	24.78	0.622	1.14	18.7			-266
10:59	0.3	3.2	0.1	16.10	7.59	24.83	.592	1.08	15.7			-265
11:02	0.3	3.5	0.1	16.10	7.48	24.72	.601	1.06	19.9			-257

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Darrin Johnson	SAMPLER(S) SIGNATURES: Darrin Johnson	SAMPLING INITIATED AT: 11:03	SAMPLING ENDED AT: 11:08
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): <100 (MDS 4/15/08)	TUBING MATERIAL CODE: T	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-236	3	C6	40ml	HCl	—	—	8260	RFPP (MDS 4/15/08)

REMARKS:
Deliver per fell down well. Regular bail point.

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast (MDS 4/15/08)		SITE LOCATION: Sarasota FL (MDS 4/15/08)	
WELL NO: MW-237	SAMPLE ID: MW-237	DATE: 1/31/08	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: 145 feet to 155 feet	STATIC DEPTH TO WATER (feet): 14.15	PURGE PUMP TYPE OR BAILER: Peristaltic

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = ~~0.6~~ gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (0.0026 gallons/foot X 150 feet) + 0.25 gallons = 0.6 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
150	150	1030	1051 ~~1054~~	1.65

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
(NPD) ~~1040~~ 1040	1.0	1.0	0.1	17.85	7.2	25.0	.600	3.4	4.19	clear	—	39
1045	0.25	1.25	0.05	17.75	7.2	25.0	.690	3.3	3.58	clear		38
1048	0.15	1.40	0.05	17.75	7.2	25.0	.690	3.3	4.10	clear	—	38
1051	0.15	1.65	0.05	17.75	7.3	25.1	.690	3.2	2.62	clear	—	38
			Sampled @ 1051									
			DUP-30 taken @ 1051									

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
NATHAN SMITH	Nathan P. Smith	1051	~~1054~~ 1100

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE:
150 (MDS 4/15/08)	400 (MDS 4/15/08)	

FIELD DECONTAMINATION: (Y) N (MDS 4/15/08) FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm Filtration Equipment Type: (MDS 4/15/08) DUPLICATE: (Y) N DUP-30

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-237	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 4/15/08)

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Former ABC	SITE LOCATION: Tallevast	
WELL NO: MW-238	SAMPLE ID: MW-238	DATE: 1-31-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to 300 feet	STATIC DEPTH TO WATER (feet): 12.86	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (.00026 gallons/foot X 303 feet) + .25 gallons = 1.03 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 10:48	PURGING ENDED AT: 11:10	TOTAL VOLUME PURGED (gallons): 1.93

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
11:01	1.03	1.03	0.1	17.5	6.85	24.76	.299	1.11	.58	amber	none
11:04	.3	1.33	0.1	19.3	6.84	24.8	.285	1.01	.57	amber	none
11:07	.3	1.63	0.1	21.01	6.83	24.79	.280	.86	1.40	↓	↓
11:10	.3	1.93	0.1	21.34	6.83	24.88	.279	.82	.75	↓	↓

-169
-151

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./FL): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Darrin Johnson	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 11:11	SAMPLING ENDED AT: 11:16
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): <100 (MDS 4/15/08)	TUBING MATERIAL CODE: T	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-238	3	CG	40ml	HCl	—	—	8260	RFPP

(MDS 4/15/08)

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: TALLEVAST	SITE LOCATION: Sarasota FL (MDS 4/15/08)	
WELL NO: MW-239	SAMPLE ID: MW-239	DATE: 1-23-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 98 feet to 108 feet	STATIC DEPTH TO WATER (feet): 15.56	PURGE PUMP TYPE OR BAILER: PP Geo Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 111 feet) + .25 gallons = 0.54 gallons (MDS 4/15/08)

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 103	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 103	PURGING INITIATED AT: 0948	PURGING ENDED AT: 1116	TOTAL VOLUME PURGED (gallons): 1.76

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
82 1110	1.64	1.64	0.02	17.06	7.06	24.7	mS/cm 0.618	0.47	2.95	clear	yes	-332
2 1112	.04	1.68	0.02	17.01	7.06	24.6	.617	0.47	2.95	clear	yes	-333
1114	.04	1.72	0.02	17.01	7.07	24.6	.625	.48	2.71	clear	yes	-333
1116	.04	1.76	0.02	17.01	7.08	24.6	.624	.47	2.35	clear	yes	-334

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jennifer King/ARCADIS	SAMPLER(S) SIGNATURES: Jennifer King	SAMPLING INITIATED AT: 1117	SAMPLING ENDED AT: 1120
PUMP OR TUBING DEPTH IN WELL (feet): 103	SAMPLE PUMP FLOW RATE (mL per minute): ~78	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW239	3	CG	40mL	HCL	40mL	—	8260	RFPP

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: STA	SITE LOCATION: Sarasota, FL	
WELL NO: MW-240	SAMPLE ID: MW-240	DATE: 1/23/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 1565 feet to 1665 feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: (PP) geopump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 170 feet) + 0.50 gallons = 0.94 (1.00) gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~161	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~161	PURGING INITIATED AT: 1350	PURGING ENDED AT: 1410	TOTAL VOLUME PURGED (gallons): 2.60

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1358	1.04	1.04	0.13	20.72	7.32	26.13	622	6.04	1.61	clear	no	-182
1401	0.39	1.43	0.13	21.14	7.32	26.05	621	3.69	2.03	clear	no	-183
1404	0.39	1.82	0.13	21.45	7.31	26.09	619	8.24	2.42	clear	no	-182
1407	0.39	2.21	0.13	21.55	7.32	26.03	615	8.70	2.88	clear	no	-176
1410	0.39	2.60	0.13	21.58	7.31	25.99	614	8.48	2.96	clear	no	-175

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: N. Smith / ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1412	SAMPLING ENDED AT: 1422
PUMP OR TUBING DEPTH IN WELL (feet): ~161	SAMPLE PUMP FLOW RATE (mL per minute): ≤100	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
MW-240	3	CG	40ml	HCL	—	<2	8260B+SIM	RFPP

REMARKS:
—

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: TALLEVAST	SITE LOCATION: SARASOTA, FL	
WELL NO: MW-241	SAMPLE ID: MW-241	DATE: 1/25/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 281 feet to 301 feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 306 feet) + 0.5 gallons = 1.30 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 290	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 290	PURGING INITIATED AT: 1125	PURGING ENDED AT: 1150	TOTAL VOLUME PURGED (gallons): 2.50

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1138	1.30	1.30	0.10	8.75	7.55	24.52	767	0.33	17.9	gray	yes	-243
1142	0.40	1.70	0.10	10.24	7.54	24.59	766	0.30	6.58	clear	yes	-246
1146	0.40	2.10	0.10	11.76	7.53	24.56	767	0.30	2.62	clear	yes	-249
1150	0.40	2.50	0.10	13.31	7.56	24.51	764	0.30	1.52	clear	yes	-253

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: SW/NS/ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1153	SAMPLING ENDED AT: 1157
PUMP OR TUBING DEPTH IN WELL (feet): 290	SAMPLE PUMP FLOW RATE (mL per minute): ≤ 100	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-241	3	CG	40mL	HCl	40mL	—	8260B+8260BSIM	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast (MDS 4/15/08)		SITE LOCATION: Sarasota FL (MDS 4/15/08)	
WELL NO: MW-~~23~~242	SAMPLE ID: MW-~~23~~242	DATE: 1/29/08	

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/4"	WELL SCREEN INTERVAL DEPTH: ~~[illegible]~~ feet to ~~[illegible]~~ feet	STATIC DEPTH TO WATER (feet): 3.38	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)

= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)

6 = 6 gallons + (0.002 lb gallons/foot X ~~102~~ 25 feet) + 0.25 gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
22 ~~402~~	22 ~~402~~	1353 ~~1205~~	1420	2.3

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1358 ~~1210~~	.5	.5	0.1	4.18	6.69	25.01	.614	1.33	6.16	Clear	None.	-192
1401	.3	3.8	0.1	4.39	6.47	25.08	0.438	2.48	2.63			-121
1404	.3	3.1		4.64	6.13	25.13	.473	1.79	4.24			-90
1407	.3	3.4		4.69	6.12	25.15	.572	1.53	3.06			-98
1410	.3	1.7		4.70	6.05	25.21	.829	1.33	1.46			-106
1413	.3	2.0		4.72	6.05	25.24	.874	1.26	0.91			-111
~~1416~~ 1416	.3	2.3			6.01	25.27	.900	1.22	0.81			-118
→	Sampled @				1420							

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: KaseyCornwell / ARCADIS	SAMPLER(S) SIGNATURES: KaseyCornwell	SAMPLING INITIATED AT: 1420	SAMPLING ENDED AT: 1425
PUMP OR TUBING DEPTH IN WELL (feet): 22.5	SAMPLE PUMP FLOW RATE (mL per minute): 100 (MDS 4/15/08)	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) ~~N~~	FIELD-FILTERED: ~~Y~~ (N) Filtration Equipment Type: ~~[illegible]~~	FILTER SIZE: ____ µm	DUPLICATE: Y (N) (MDS 4/15/08)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-242	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 4/15/08)

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast (MDS 4/15/08)		SITE LOCATION: Sarasota (MDS 4/15/08)	
WELL NO: MW-243	SAMPLE ID: MW-243		DATE: 1/29/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: 33 feet to 38 feet	STATIC DEPTH TO WATER (feet): 11.83	PURGE PUMP TYPE OR BAILER: peristaltic

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 38 feet) + 0.25 gallons = 0.35 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 36	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 36	PURGING INITIATED AT: 1353	PURGING ENDED AT: 1422	TOTAL VOLUME PURGED (gallons): 2.9

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1359	—	0.6	0.1	12.42	7.3	25.0	0.760	3.0	448	light brown	light to orange	29
1404	0.5	1.1	0.1	12.42	7.1	24.9	0.770	2.8	108.9	clearing up	slight odor	24
1407	0.3	1.4	0.1	12.42	7.1	24.9	0.770	2.7	42.4	clearing	" "	20
1410	0.3	1.7	0.1	12.42	7.0	24.9	0.780	2.6	33.4	clear	" "	14
1413	0.3	2.0	0.1	12.42	7.0	24.9	0.780	2.6	21.5	" "	" "	12
1416	0.3	2.3	0.1	12.42	7.0	24.8	0.780	2.5	14.8	" "	" "	7
1419	0.3	2.6	0.1	12.42	7.0	24.9	0.780	2.5	10.76	" "	" "	3
1422	0.3	2.9	0.1	12.42	7.0	24.9	0.780	2.4	6.43	" "	" "	
			Sampled @ 1422									

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Nathan Smith/Arcadis	SAMPLER(S) SIGNATURES: Nathan Smith	SAMPLING INITIATED AT: 1422	SAMPLING ENDED AT: 1426
PUMP OR TUBING DEPTH IN WELL (feet): 36 (MDS 4/15/08)	SAMPLE PUMP FLOW RATE (mL per minute): 2100 (MDS 4/15/08)	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-243	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 4/15/08)

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast (MDS 4/15/08)		SITE LOCATION: Sarasota FL (MDS 4/15/08)	
WELL NO: MW-244	SAMPLE ID: MW-244	DATE: 1/28/08	

PURGING DATA (MDS 4/15/08)

WELL DIAMETER (inches):	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 106 feet to 116 feet	STATIC DEPTH TO WATER (feet): 12.78	PURGE PUMP TYPE OR BAILER: PP (MDS 4/15/08)

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 116. feet) + 0.25 gallons = 0.55 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 114	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 114	PURGING INITIATED AT: 1430	PURGING ENDED AT: 1449	TOTAL VOLUME PURGED (gallons): 1.9

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1437	0.7	0.7	0.1	13.87	6.8	24.7	0.72	3.30	22.0	light gray	—	47
1440	0.3	1.0	0.1	13.87	6.8	24.8	0.71	2.6	17.8	clear	—	47
1443	0.3	1.3	0.1	13.87	6.8	24.7	0.71	2.5	4.14	clear	—	43
1446	0.3	1.6	0.1	13.87	6.8	24.7	0.71	2.4	6.55	"	—	40
1449	0.3	1.9	0.1	13.87	6.8	24.7	0.71	2.4	6.58	"	—	37

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1449	SAMPLING ENDED AT: 1458
NATHAN SMITH	Nathan P. Smith		
PUMP OR TUBING DEPTH IN WELL (feet): 114 (MDS 4/15/08)	SAMPLE PUMP FLOW RATE (mL per minute): 400 (MDS 4/15/08)	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ___ µm	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-244	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 4/15/08)

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast (MDS 4/15/08)		SITE LOCATION: Sarasota (MDS 4/15/08)	
WELL NO: MW-24S	SAMPLE ID: MW-24S		DATE: 1/29/08

PURGING DATA (MDS 4/15/08)

WELL DIAMETER (inches):	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 17 feet to 22 feet	STATIC DEPTH TO WATER (feet): 6.15	PURGE PUMP TYPE OR BAILER: PP (MDS 4/15/08)

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (20 feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 20 feet) + 0.25 gallons = 0.3 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet): ~	PURGING INITIATED AT: 9:15	PURGING ENDED AT: 933	TOTAL VOLUME PURGED (gallons): 2.0

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
0924	~~0.25~~ –	0.75	0.08	6.60	6.88	23.76	0.95	1.12	0.98	clear	—	
0927	~~0.25~~	1.0	0.08	6.60	6.88	23.92	0.94	1.04	1.01	clear	—	-267
0930	0.25	1.25	0.08	6.60	6.88	23.92	0.94	1.04	0.68	clear	—	-272
0933	0.25	2.0	0.08	6.60	6.88	24.04	0.94	1.02	0.67	clear	—	-272
		Sampled @ 0933										

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 0933	SAMPLING ENDED AT: 0940
Nathan Smith	Nathan Smith		
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): <100 (MDS 4/15/08)	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-24S	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 4/15/08)

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast (MOS 4/15/08)		SITE LOCATION: Sarasota (MOS 4/15/08)	
WELL NO: MW-246	SAMPLE ID: MW-246		DATE: 1/29/08

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/4"	WELL SCREEN INTERVAL DEPTH: 40 feet to 45 feet	STATIC DEPTH TO WATER (feet): 15.46	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
~~only fill out if applicable~~
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= Ø gallons + (0.00260 gallons/foot X 45' feet) + 0.25 gallons = 0.37 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 42.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 42.5	PURGING INITIATED AT: 0833	PURGING ENDED AT: 0900	TOTAL VOLUME PURGED (gallons): 2.0

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
0838	0.5	0.5	0.1	16.01	6.5	25.2	0.11	3.0	2.17	clear	none	97
0841	0.3	0.8	0.1	17.31	6.6	25.4	0.11	2-8	1.11	↓	↓	47
0844	0.3	1.1	0.1	20.45	6.6	25.5	0.11	4.3	7.89			17
0849	0.3	1.4	0.1	21.58	6.6	25.4	0.11	4.3	0.22			7
0852	0.3	1.7	0.1	22.96	6.7	25.5	0.10	4.1	0.50			0
0855	0.3	2.0	0.1	25.15	6.7	25.5	0.10	3.9	0.77	↓	↓	-0
0900	→ Sampled @ 0900						KLC	←				

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: KaseyCornwell (KLC)/Arcadis	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 0900	SAMPLING ENDED AT: 0905
PUMP OR TUBING DEPTH IN WELL (feet): 42.5	SAMPLE PUMP FLOW RATE (mL per minute): 100 (MOS 4/15/08)	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) Filtration Equipment Type: FILTER SIZE: ____ µm	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-246	3	CG	40ml	HCl	—	—	8260	RFPP (MOS 4/15/08)

REMARKS: Initial purge clear no noticable odor

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast (MDS 4/15/08)		SITE LOCATION: Sarasota (MDS 4/15/08)	
WELL NO: MW-247	SAMPLE ID: MW-247		DATE: 1/29/08

PURGING DATA

WELL DIAMETER (inches): 2.5	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: 98 feet to 108 feet	STATIC DEPTH TO WATER (feet): 13.18	PURGE PUMP TYPE OR BAILER: Peristaltic

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (108 feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 103 feet) + 0.25 gallons = 0.5 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 108	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 103	PURGING INITIATED AT: 8:25	PURGING ENDED AT: 847	TOTAL VOLUME PURGED (gallons): 2.8

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
0838	—	1.3	~~350~~ 0.1	14.54	7.24	24.98	0.97	1.06	3.08	clear	—	-329
0841	0.5	1.8	0.1	14.54	7.27	24.82	0.96	1.06	1.28	clear	—	-337
0844	0.5	2.3	0.1	14.54	7.27	25.13	0.96	1.05	1.02	clear	—	-338
0847	0.5	2.8	0.1	14.54	7.27	24.99	0.96	1.04	1.52	clear	—	-340

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: NATHAN SMITH	SAMPLER(S) SIGNATURES: Nathan P. Smith	SAMPLING INITIATED AT: 08:50	SAMPLING ENDED AT: 0859
PUMP OR TUBING DEPTH IN WELL (feet): 103 (MDS 4/15/08)	SAMPLE PUMP FLOW RATE (mL per minute): 100 (MDS 4/15/08)	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: (Y) N → DUP-18	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-247	3	CG	40ml	HCl	—	—	8260	RFPP
dup-18	3	CG	40ml	HCl	—	—	8260	RFPP

(MDS 4/15/08)

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Former ABC Facility	SITE LOCATION: Tallavese, FL		
WELL NO: MW-24S	SAMPLE ID: MW-24S	DATE: 1.28.08	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 103 feet to 113 feet	STATIC DEPTH TO WATER (feet): 13.9	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X ~~100~~ 113 feet) + 0.25 gallons = 0.54 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 108	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 108 (MDS 4/15/08)	PURGING INITIATED AT: 11:55	PURGING ENDED AT: 12:20	TOTAL VOLUME PURGED (gallons): 2.5 (MDS 4/15/08)

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
12:00	0.5	0.5	0.1	13.9	7.21	23.37	0.584	0.89	9	clear	none	-232
12:05	0.5	1.0	0.1	13.9	7.12	23.4	0.596	0.36	3	"	"	-263
12:10	0.5	1.5	0.1	13.9	7.08	23.4	0.582	0.34	2.63	"	"	-266
12:15	0.5	2.0	0.1	14.8	6.98	23.3	0.578	0.28	0	"	"	-265
12:20	0.5	2.5	0.1	14.8	6.85	23.4	0.574	0.28	0	"	"	-262

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MicahForbes/ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 12:21	SAMPLING ENDED AT: 12:25
PUMP OR TUBING DEPTH IN WELL (feet): 108 (MDS 4/15/08)	SAMPLE PUMP FLOW RATE (mL per minute): 100 (MDS 4/15/08)	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm Filtration Equipment Type:	DUPLICATE: (Y) [redacted]	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-24S	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 4/15/08)
Dup-21	3	CG	40ml	HCl	—	—	8260	RFPP

REMARKS:
collect DUP-21 here

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU, optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Former ABC	SITE LOCATION: Tallevast	
WELL NO: MW-249	SAMPLE ID: MW-249	DATE: 1-31-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 88 feet to 98 feet	STATIC DEPTH TO WATER (feet): 11.10	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (.0026 gallons/foot X 101 feet) + .25 gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 98	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 93	PURGING INITIATED AT: 13:55	PURGING ENDED AT: 14:22	TOTAL VOLUME PURGED (gallons): 2.6 (MDS 4/15/08)

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
14:03	.8	.8	0.1	11.36	6.98	25.18	.464	2.59	.24	clear	none	
14:07	.3	1.1	0.1	11.36	6.95	24.74	.470	1.67	.94	clear	none	19
14:10	.3	1.4	0.1	11.38	6.94	25.18	.466	1.46	1.83	clear	none	14
14:13	.3	1.7	0.1	11.38	6.94	24.82	.471	1.41	1.76	clear	none	12
14:16	.3	2.0	0.1	11.38	6.95	25.11	.468	1.33	1.50	clear	none	10
14:19	.3	2.3	0.1	11.38	6.97	25.12	.468	1.29	1.78	clear	none	9
14:22	.3	2.6	0.1	11.38	6.98	25.12	.469	1.28	1.83	clear	none	8

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Darrin Johnson	SAMPLER(S) SIGNATURES: Darrin Johnson	SAMPLING INITIATED AT: 14:23	SAMPLING ENDED AT: 14:28
PUMP OR TUBING DEPTH IN WELL (feet): 93 (MDS 4/15/08)	SAMPLE PUMP FLOW RATE (mL per minute): 100 (MDS 4/15/08)	TUBING MATERIAL CODE: T	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-249	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 4/15/08)

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU, optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Former ABC Facility		SITE LOCATION: Tallahassee, FL	
WELL NO: MW-250	SAMPLE ID: MW-250		DATE: 1-31-08

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 1/4"	WELL SCREEN INTERVAL DEPTH: 90 feet to 100 feet	STATIC DEPTH TO WATER (feet): 130	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 188 feet) + 0.25 gallons = .5 gallons

MDS 4/15/08

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 1342	PURGING ENDED AT: 1404	TOTAL VOLUME PURGED (gallons): 2.1

MDS 4/15/08

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
1352	1.0	1.0	0.1	13.00	7.38	24.86	0.645	1.69	0.06	clear	none noted	-264
1355	0.3	1.3	0.1	13.00	7.39	24.85	0.649	1.47	0.29			-270
1359	0.3	1.6	0.1	13.01	7.39	24.87	~~0.655~~ 0.653	1.22	0.27			-277
1401	0.3	1.9	0.1	13.00	7.41	24.81	0.654	1.21	0.29			-277
1404	0.3	2.1	0.1	13.00	7.45	24.86	0.660	1.20	0.25			-275

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Amy Cook / Arcadis	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1405	SAMPLING ENDED AT: 1410
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): <100 MDS 4/15/08	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-250	3	CG	40ml	HCl	—	—	8260	RFPP

MDS 4/15/08

REMARKS: Pumped some before reading "static". Took dtw this morning

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast (MDS 4/15/08)		SITE LOCATION: Sarasota FL (MDS 4/15/08)	
WELL NO: MW-251	SAMPLE ID: MW-251		DATE: 1/30/08

PURGING DATA

WELL DIAMETER (inches): ~~2~~ 2.5	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: 380 feet to 400 feet	STATIC DEPTH TO WATER (feet): 13.20	PURGE PUMP TYPE OR BAILER: Peristaltic

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (4 feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (400 gallons/foot X 390 feet) + 0.25 gallons = 1.3 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 390	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 390	PURGING INITIATED AT: 09:30	PURGING ENDED AT: 0957 (MDS 4/15/08)	TOTAL VOLUME PURGED (gallons): 2.7 (MDS 4/15/08)

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
0945	1.5	1.5	0.1	13.22	7.33	26.59	1.26	1.17	3.69	clear	slight odor	-297
0948	1.8	0.3	0.1	13.22	7.33	26.57	1.25	1.15	3.21	clear	" "	-296
0951	2.1	0.3	0.1	13.22	7.34	26.56	1.26	1.14	2.64	clear	" "	-296
0954	2.4	0.3	0.1	13.22	7.34	26.56	1.26	1.12	1.55	clear	" "	-295
0957	2.7	0.3	0.1	13.22	7.34	26.62	1.25	1.11	1.51	clear	" "	-296
		Sampled @ 0957										

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: NATHAN SMITH	SAMPLER(S) SIGNATURES: Nathan P. Smith	SAMPLING INITIATED AT: 0957	SAMPLING ENDED AT: 1005
PUMP OR TUBING DEPTH IN WELL (feet): 390 (MDS 4/15/08)	SAMPLE PUMP FLOW RATE (mL per minute): 100 (MDS 4/15/08)	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N (MDS 4/15/08)	FIELD-FILTERED: Y (N) FILTER SIZE: (MDS 4/15/08) µm Filtration Equipment Type: (MDS 4/15/08)	DUPLICATE: Y (N) (MDS 4/15/08)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-251	3	CG	40ml	HCl	—	—	8260	RFPP (MDS 4/15/08)

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU, optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

1.98

SITE NAME:	Tallevast	SITE LOCATION:	Tallevast, FL
WELL NO:	MW-252	SAMPLE ID: MW-252	DATE: 1-31-08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	145 feet to 155 feet		Geopump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.024 gallons/foot X 158 feet) + .25 gallons = .66 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
150	150	1530	1605	2.45

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
1559	2.03	2.03	0.07	21.16	7.50	24.7	.505	.66	23.9	clear	yes	-248
1601	.14	2.17	0.07	21.19	7.49	24.7	.503	.64	23.7	clear	yes	-249
1603	.14	2.31	0.07	21.20	7.49	24.6	.503	.63	22.3	clear	yes	-250
1605	.14	2.45	0.07	21.20	7.47	24.6	.504	.61	21.4	clear	yes	-251

29

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
BRIDGET STAHL/ARCADIS	Bridget Stahl	1607	1617
PUMP OR TUBING DEPTH IN WELL (feet): 150	SAMPLE PUMP FLOW RATE (mL per minute): ~280	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-252	3	CG	40ml	HCl	—	—	8260	RFPP

REMARKS: placed 158' teflon tubing in mw

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

MG3

SITE NAME: TALLEVAST	SITE LOCATION: TALLEVAST	
WELL NO: mw-253	SAMPLE ID: mw-253	DATE: ~~7-31-08~~ 8-1-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 100 feet to 110 feet	STATIC DEPTH TO WATER (feet): 15.85	PURGE PUMP TYPE OR BAILER: PP Geo Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 113 feet) + .25 gallons = .54 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 105	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 105	PURGING INITIATED AT: 0903	PURGING ENDED AT: 0923	TOTAL VOLUME PURGED (gallons): 2.40

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/l or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
14 0917	1.68	1.68	.12	17.00	7.0	24.0	.961	0.9	4.97	clear	yes	-201
0919	0.24	1.92	.12	17.00	7.0	24.0	.973	0.9	4.09	clear	yes	-206
0921	0.24	2.16	.12	17.0	7.0	24.0	.977	0.9	4.64	clear	yes	-200
0923	0.24	2.40	.12	17.0	7.0	24.1	.977	0.8	2.54	clear	yes	-214

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jennifer King/ARCADIS	SAMPLER(S) SIGNATURES: Jennifer King	SAMPLING INITIATED AT: 0924	SAMPLING ENDED AT: 0930
PUMP OR TUBING DEPTH IN WELL (feet): 105	SAMPLE PUMP FLOW RATE (mL per minute): ~400	TUBING MATERIAL CODE: T	
FIELD DECONTAMINATION: Y N	FIELD-FILTERED: Y N Filtration Equipment Type: ____ FILTER SIZE: ____ µm	DUPLICATE: Y N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
mw-253	3	CG	40ml	HCl	—	—	8260	RFPP

REMARKS: ADDED 113' teflon tubing ; missing two bolts

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

99

SITE NAME: TALLEVAST	SITE LOCATION: TALLEVAST, FL	
WELL NO: MW-254	SAMPLE ID: MW-254	DATE: ~~1/3/05~~ 8-2-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 24 feet to 29 feet	STATIC DEPTH TO WATER (feet): 4.98	PURGE PUMP TYPE OR BAILER: PP GRS Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.002 gallons/foot X 32 feet) + .25 gallons = 0.33 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 26.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 26.5	PURGING INITIATED AT: 823	PURGING ENDED AT: 0835	TOTAL VOLUME PURGED (gallons): 2.16

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
6 0829	1.08	1.08	0.18	6.30	5.3	29.0	.812	0.8	4.00	Clear	NO	17
0831	0.36	1.44	0.18	6.34	5.2	28.7	.871	0.7	7.19	Clear	NO	7
0833	0.36	1.80	0.18	6.35	5.2	28.8	.898	0.6	6.21	Clear	no	-2
0835	0.36	2.16	0.18	6.35	5.2	28.8	.903	0.6	7.95	Clear	no	-5

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jennifer Kay / ARCADIS	SAMPLER(S) SIGNATURES: Jennifer Kay	SAMPLING INITIATED AT: 0836	SAMPLING ENDED AT: 0840
PUMP OR TUBING DEPTH IN WELL (feet): 26.5	SAMPLE PUMP FLOW RATE (mL per minute): 100	TUBING MATERIAL CODE: T	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-254	3	CG	40ml	HCl	—	—	8260	RFPP

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; PP = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast (MDS 4/15/08)		SITE LOCATION: Sarasota FL (MDS 4/15/08)	
WELL NO: PW-7	SAMPLE ID: PW-7	DATE: 2/1/08	

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 849	PURGING ENDED AT: 854	TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: (MDS 4/15/08) ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 854	SAMPLING ENDED AT: 857
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): 100 (MDS 4/15/08)	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: (Y) N (MDS 4/15/08)	FIELD-FILTERED: Y (N) FILTER SIZE: µm Filtration Equipment Type: (MDS 4/15/08)	DUPLICATE: Y (N) (MDS 4/15/08)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
PW-7	3	CG	40ml	HCl	—	—	8260	~~RFPP~~ (MDS 4/15/08)

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast (MDS 4/15/08)		SITE LOCATION: Sarasota FL (MDS 4/15/08)	
WELL NO: PW-38	SAMPLE ID: PW-38	DATE: 2/1/08	

PURGING DATA

WELL DIAMETER (inches): NA	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: NA feet to NA feet	STATIC DEPTH TO WATER (feet): 13.85	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= Ø gallons + (.00026 gallons/foot X 140' feet) + .25 gallons = .61 gallons (MDS 4/15/08)

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 1012	PURGING ENDED AT: 1052	TOTAL VOLUME PURGED (gallons): 4.0 (MDS 4/15/08)

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	
1040	2.8	2.8	0.1	13.85	7.02	23.6	0.636	1.8	25.9	Cloudy	none	-251
1042	0.2	3.0			7.02	23.6	0.638	1.4	17.7			-252
1044	0.2	3.2			7.01	23.5	0.637	1.4	15.5			-254
1046	0.2	3.4			7.02	23.6	.640	1.4	24.6			-255
1048	0.2	3.6			7.02	23.5	.635	1.3	15.7	Clearing		-259
1050	0.2	3.8			7.02	23.6	0.635	1.3	17.2			-262
1052	0.2	4.0			7.02	23.6	.632	1.3	12.4			
1055	→ Sampled @				1055 ←							
	(MDS 4/15/08)	(MDS 4/15/08)										

MDS 4/15/08

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: KLC/NPS/ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1055	SAMPLING ENDED AT:
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): <100 (MDS 4/15/08)	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: Y N (MDS 4/15/08)	FIELD-FILTERED: Y N FILTER SIZE: µm Filtration Equipment Type: (MDS 4/15/08)	DUPLICATE: Y N (MDS 4/15/08)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
PW-28	3	CG	40ml	HCl	—	—	8260 (MDS 4/15/08)	

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

Private Well #47

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast (MDS 4/15/08)		SITE LOCATION: Sarasota FL (4/15/08 MDS)	
WELL NO: ~~MW~~-47	SAMPLE ID: ~~MW~~-47	DATE: ~~1/29~~ 1/30/08	

* Southern most on Figure.

PURGING DATA

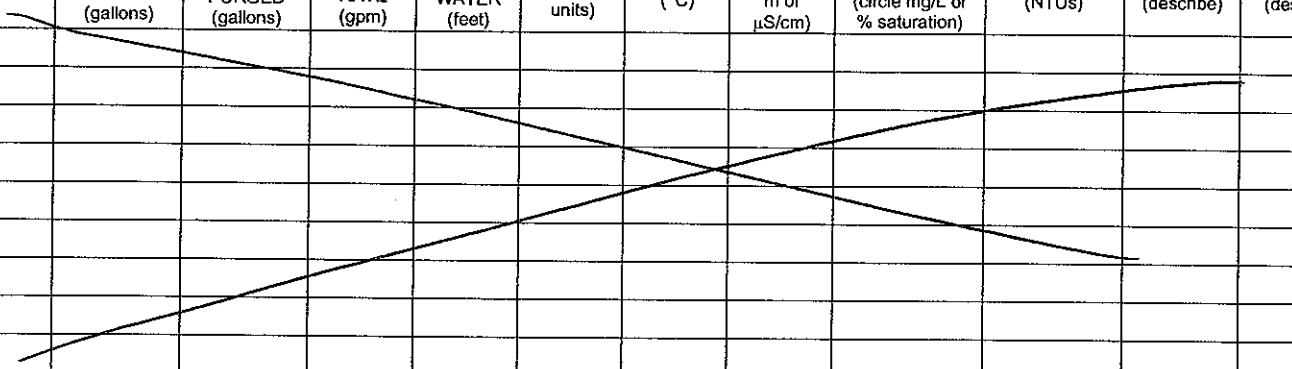
WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 0855	PURGING ENDED AT: 0900	TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)



WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: NAtesmith/ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 0900	SAMPLING ENDED AT: 0903
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): ~100 (MDS 4/15/08)	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: Y (N) (MDS 4/15/08)	FIELD-FILTERED: Y (N) FILTER SIZE: µm Filtration Equipment Type: (MDS 4/15/08)	DUPLICATE: Y (N) (MDS 4/15/08)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
PW-47	3	CG	40ml	HCl	—	—	8260	
							(MDS 4/15/08)	

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. **STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)**
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

* ~~Spigot~~/Sprinkler located on the driving range side of the netting, near driving range monitoring wells.

Revision Date: February 1, 2004

Private Well ~~48~~ 47 KT 4/25/08

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

MDS 4/15/08

SITE NAME: Talleyast (MDS 4/15/08)	SITE LOCATION: Sarasota FL (MDS 4/15/08)
WELL NO: ~~MW-48~~ 47 KT 4/25/08	SAMPLE ID: Private Well ~~MW-48~~	DATE: 1/30/08

* may not need to sample.

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 0850	PURGING ENDED AT: 0855	TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Kasey Cornwell / ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 0855	SAMPLING ENDED AT: 0858
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): 4100 (MDS 4/15/08)	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: Y N (MDS 4/15/08)	FIELD-FILTERED: Y N FILTER SIZE: µm Filtration Equipment Type: D (MDS 4/15/08)	DUPLICATE: Y N (MDS 4/15/08)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
PW-48	3	CG	40ml	HCl	—	—	8260 (MDS 4/15/08)	O – sampled at spigot

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; PE = Polyethylene; PP = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; PP = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

* Spigot / Just east of clubhouse north of PW-47. near sidewalk / parking lot.

Revision Date: February 1, 2004

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast (MDS 4/15/08)		SITE LOCATION: Sarasota FL (MDS 4/15/08)	
WELL NO: PW-57	SAMPLE ID: PW-57	DATE: 2/1/08	

PURGING DATA

WELL DIAMETER (inches): —	TUBING DIAMETER (inches): —	WELL SCREEN INTERVAL DEPTH: — feet to — feet	STATIC DEPTH TO WATER (feet): —	PURGE PUMP TYPE OR BAILER: —

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): —	FINAL PUMP OR TUBING DEPTH IN WELL (feet): —	PURGING INITIATED AT: 815	PURGING ENDED AT: 820	TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Kasey Cornwell / ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 820	SAMPLING ENDED AT: 823
PUMP OR TUBING DEPTH IN WELL (feet): —	SAMPLE PUMP FLOW RATE (mL per minute): 4100 (MDS 4/15/08)	TUBING MATERIAL CODE: —	
FIELD DECONTAMINATION: Y (N) (MDS 4/15/08)	FIELD-FILTERED: Y (N) (MDS 4/15/08) FILTER SIZE: — µm Filtration Equipment Type:	DUPLICATE: Y (N) (MDS 4/15/08)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
PW-57	3	CG	40ml	HCl	—	—	8260	
							(MDS 4/15/08)	

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

MDS 4/15/08

SITE NAME: Tallevast (MDS 4/15/08)	SITE LOCATION: Sarasota FL (MDS 4/15/08)
WELL NO: PW-59	SAMPLE ID: PW-59
	DATE: 2/1/08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 900	PURGING ENDED AT: 905	TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: FLC/NPS/ARCADIS	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 905	SAMPLING ENDED AT: 908
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): 4100 (MDS 4/15/08)	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: Y N (MDS 4/15/08)	FIELD-FILTERED: Y N FILTER SIZE: µm Filtration Equipment Type: (MDS 4/15/08)	DUPLICATE: Y N (MDS 4/15/08)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
PW-59	3	CG	40ml	HCl	—	—	8260	
							(MDS 4/15/08)	

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Former ABC	SITE LOCATION: Tallevast	
WELL NO: Private Well 64	SAMPLE ID: ~~PW-60~~ PW-64	DATE: 2-4-08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Darrin Johnson	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 9:55	SAMPLING ENDED AT: 9:55
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): 4100 (MDS 4/15/08)	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: Y (N) (MDS 4/15/08)	FIELD-FILTERED: Y (N) FILTER SIZE: µm (MDS 4/15/08)	DUPLICATE: Y (N) (MDS 4/15/08)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
PW-64	3	CG	40ml	HCl	—	—	8260	~~[illegible]~~ (MDS 4/15/08)

REMARKS:
this sample was taken from sprinkler system at 1107 Tallevast Rd

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU, optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Former ABC		SITE LOCATION: Tallevast	
WELL NO: PW-65	SAMPLE ID: PW-65		DATE: 2-4-08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 11:18	SAMPLING ENDED AT: 11:18
Darrin Johnson	Darrin Johnson		

PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): <100 MDS 4/15/08	TUBING MATERIAL CODE:
FIELD DECONTAMINATION: Y N MDS 4/15/08	FIELD-FILTERED: Y N FILTER SIZE: µm Filtration Equipment Type: MDS 4/15/08	DUPLICATE: Y N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
PW-65	3	CG	40ml	HCl	—	—	8260 MDS 4/15/08	

REMARKS: Tank was empty @ 11:13 / turned on pump / filled tank / sampled from tank

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Arcadis	SITE LOCATION: Tallevast	
WELL NO: Schmit private well	SAMPLE ID: 84	DATE: 1-24-08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
		none taken									
		private well									

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Darrin Johnson	SAMPLER(S) SIGNATURES: Darrin Johnson	SAMPLING INITIATED AT: 15:40	SAMPLING ENDED AT: 15:40
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): 100 MDS 4/15/08	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: Y N MDS 4/15/08	FIELD-FILTERED: Y N FILTER SIZE: µm Filtration Equipment Type: MDS 4/15/08	DUPLICATE: Y N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
PW-84	3	CG	40ml	HCl	—	—	8260	
Dup-7	3	CG	40ml	HCl	—	—	8260	
							MDS 4/15/08	

REMARKS:
DUP-7-012408

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Former ABC	SITE LOCATION: Tallevast FL
WELL NO: PW-85 (MDS 4/15/08)	SAMPLE ID: Private well 85	DATE: 1.31.08

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Amy Coats	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 15:00	SAMPLING ENDED AT: 15:05
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): 400 (MDS 4/15/08)	TUBING MATERIAL CODE: [redacted] spigot	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
PW-85	3	CG	40ml	HCl	—	—	8260	O – from spigot
								(MDS 4/15/08)

REMARKS: Spigot pulls from 80 gallon tank. Purged ~4.5 gallons then sampled. 4.5 gall is more than enough to purge line. Cannot purge tank (80 gal)

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ ~~Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

Private well Desembers

Revision Date: February 1, 2004

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Tallevast (MDS 4/15/08)		SITE LOCATION: Sarasota FL (MDS 4/15/08)	
WELL NO: PW-102	SAMPLE ID: PW-102	DATE: 2/11/08	

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (feet – feet) X gallons/foot = gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 1110	PURGING ENDED AT: 1115	TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or µS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURE:	SAMPLING INITIATED AT: 1125	SAMPLING ENDED AT: 1128
Kael / ARCADIS			
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): <100 (MDS 4/15/08)	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: Y N (MDS 4/15/08)	FIELD-FILTERED: Y N FILTER SIZE: µm Filtration Equipment Type: (MDS 4/15/08)	DUPLICATE: Y N (MDS 4/15/08)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
PW-102	3	CG	40ml	HCl	—	—	8260	
							(MDS 4/15/08)	

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: TALLEVAST	SITE LOCATION: TALLEVAST	
WELL NO: MW-84B	SAMPLE ID: MW-84B	DATE: 1-29-08

F T 4/22/08

PURGING DATA

WELL DIAMETER (inches): KT	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH: 7 feet to 12 feet	STATIC DEPTH TO WATER (feet): 6.56	PURGE PUMP TYPE OR BAILER: PP Geo Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (12 feet – 6.56 feet) X .14 gallons/foot = .87 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X 30 feet) + .25 gallons = 0.33 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 9.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 9.5	PURGING INITIATED AT: 0932	PURGING ENDED AT: 0946	TOTAL VOLUME PURGED (gallons): 1.68

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
0940	.96	.96	.12	6.75	5.6	22.7	.113	.5	12.7	Clear	none	44
0942	0.24	1.2	.12	6.74	5.6	22.7	.115	.5	12.0	Clear	N	34
0944	0.24	1.44	.12	6.74	5.6	22.9	.115	.5	9.27	Clear	N	25
0946	0.24	1.68	.12	6.76	5.6	22.9	.115	.6	8.05	clear	N	20

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jennifer King/ARCADIS	SAMPLER(S) SIGNATURES: Jennifer King	SAMPLING INITIATED AT: 0947	SAMPLING ENDED AT: 0952
PUMP OR TUBING DEPTH IN WELL (feet): 9.5	SAMPLE PUMP FLOW RATE (mL per minute): ~450	TUBING MATERIAL CODE: PE MDE 4/11/08	
FIELD DECONTAMINATION: Y (N)	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-84B	3	CG	40ml	HCl	~	~	8260	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** all readings ≤ 20 NTU, ~~optionally ± 5 NTU or ± 10% (whichever is greater)~~

DEP-SOP-001/01
Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: TALLAHASSEE		SITE LOCATION: TALLAHASSEE, FL	
WELL NO: ~~MW-84A~~ MW-84A T	SAMPLE ID: MW-84A		DATE: 1-29-08

4/12/08 KS

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2	1/4	7 feet to 12 feet	6.49	PP Geo Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
= (12 feet – 6.49 feet) X 0.16 gallons/foot = 0.88 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
= 0 gallons + (0.0026 gallons/foot X ~~1530~~ 125 feet) + .25 gallons = 0.33 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
9.5	9.5	0940	0954	1.68

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µmhos/cm or mS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP
0948	0.96	0.96	0.12	6.52	6.04	22.3	1.37	0.52	12.6	clear	yes	-180
0950	0.24	1.20	0.12	6.52	6.02	22.5	1.38	0.50	11.0	clear	yes	-180
0952	0.24	1.44	0.12	6.52	6.01	22.5	1.38	0.51	11.6	clear	yes	-180
0954	0.24	1.68	0.12	6.52	6.00	22.5	1.38	0.49	12.1	clear	yes	-181

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
BRIDGET STAHL / ARCADIS	Bridget Stahl	0955	0957
PUMP OR TUBING DEPTH IN WELL (feet): 9.5	SAMPLE PUMP FLOW RATE (mL per minute): 460	TUBING MATERIAL CODE: PE	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
MW-84A	3	CG	40ml	HCl	–	–	8260	RFPP

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

NOTES: 1. **The above do not constitute all of the information required by Chapter 62-160, F.A.C.**

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** ± 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); ~~optionally, ± 0.2 mg/L or ± 10% (whichever is greater)~~ **Turbidity:** ~~all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)~~

ARCADIS

Appendix B

Chain-of-Custody Forms

Serial Number 00525

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

6060-20738

TestAmerica Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634
Website: www.testamericainc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

○ Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE: Tallevast	PROJECT NO.: B0058055	PROJECT LOCATION (STATE): FL	PAGE 1 OF 4
SAMPLER'S SIGNATURE: Dina Klimek	P.O. NUMBER	CONTRACT NO.	STANDARD REPORT DELIVERY ○
CLIENT (SITE) PM: Guy Kaminski	CLIENT PHONE: 813 915-4926	CLIENT FAX	DATE DUE
CLIENT NAME: Arcadis	CLIENT E-MAIL		EXPEDITED REPORT DELIVERY (SURCHARGE) ○
CLIENT ADDRESS: 3350 Buschwood Park Drive Suite 100 Tampa 33618			DATE DUE
COMPANY CONTRACTING THIS WORK (if applicable)			NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

MATRIX TYPE: COMPOSITE (C) OR GRAB (G) INDICATE; AQUEOUS (WATER); SOLID OR SEMI-SOLID; AIR; NONAQUEOUS LIQUID (OIL, SOLVENT....)

REQUIRED ANALYSIS: 8260+8260SIM; PRESERVATIVE: HCl

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS SUBMITTED	REMARKS
1/23/07	948	MW-228	3	
	1040	MW-204	3	
	1044	MW-205	3	
	1422	MW-240	3	
	1515	MW-169	3	
	1515	MW-182	3	
	1600	MW-167	3	
	1643	MW-168	3	
	1705	MW-170	3	
	1000	MW-154	3	
	1050	MW-151	3	
	1615	MW-121	3	

RELINQUISHED BY: (SIGNATURE) EMPTY CONTAINERS	DATE	TIME	RELINQUISHED BY: (SIGNATURE) Dina Klimek	DATE 1/24/07	TIME 815	RELINQUISHED BY: (SIGNATURE)	DATE / TIME
RECEIVED BY: (SIGNATURE) EMPTY CONTAINERS	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE 1/24/08	TIME 815	RECEIVED BY: (SIGNATURE)	DATE / TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT: YES ○ NO ○	CUSTODY SEAL NO.	TAMPA LOG NO.	COOLER TEMP. UPON RECEIPT	LABORATORY REMARKS
Amy Atkins	1/24/08	945			20738		

TAL8240-660 (1207)

6060-20738

Serial Number 00524

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

600-20738

TestAmerica Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634

Website: www.testamericainc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

○ Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
SAMPLER'S SIGNATURE	P.O. NUMBER	CONTRACT NO.
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
CLIENT NAME	CLIENT E-MAIL	
CLIENT ADDRESS		
COMPANY CONTRACTING THIS WORK (if applicable)		

See Page 1

MATRIX TYPE: COMPOSITE (C) OR GRAB (G) INDICATE; AQUEOUS (WATER); SOLID OR SEMISOLID; AIR; NONAQUEOUS LIQUID (OIL, SOLVENT....)

REQUIRED ANALYSIS: 8260 - 8260 HCl

PRESERVATIVE

PAGE 2 OF 4

STANDARD REPORT DELIVERY ○

DATE DUE

EXPEDITED REPORT DELIVERY (SURCHARGE) ○

DATE DUE

NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS SUBMITTED	REMARKS
1/23/08	1510	MW-172	3	
	1552	MW-173	3	
	1433	MW-171	3	
	1002	MW-90	3	
	1120	MW-239	3	
	1141	MW-49	3	
	1415	MW-66	3	
	1417	MW-89	3	
	1454	MW-175	3	
	1455	MW-170	3	
	1534	MW-79	3	
	1840	MW-132	3	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS	1/7/08	0730	Dana Klimek	1/24/07	815			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS				1/24/08	815			

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT YES ○ NO ○	CUSTODY SEAL NO.	TAMPA LOG NO:	COOLER TEMP. UPON RECEIPT	LABORATORY REMARKS
Amy M Kline	1/24/08	745			20738		

TAL8240-660 (1207)

Serial Number 00526

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

6060-20738

TestAmerica Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634

Website: www.testamericainc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
SAMPLER'S SIGNATURE	P.O. NUMBER	CONTRACT NO.
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
CLIENT NAME	CLIENT E-MAIL	
CLIENT ADDRESS		
COMPANY CONTRACTING THIS WORK (if applicable)		

Sample

DATE	TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT....)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
1/23/08	1100	MW-188		Y				3	
	1205	MW-192						3	
	1150	MW-191						3	
	1055	MW-189						3	
	1520	MW-212						3	
	1440	MW-208						3	
	1550	MW-211						3	
	1610	MW-210						3	
	1445	MW-209						3	
	—	Dup2						3	SK
	—	Dup3						3	
	—	Dup4						3	

REQUIRED ANALYSIS: 8260-8260 STL

PRESERVATIVE: HCl

PAGE 3 OF 4

STANDARD REPORT DELIVERY ○

DATE DUE _____

EXPEDITED REPORT DELIVERY (SURCHARGE) ○

DATE DUE _____

NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS			Lisa Reimer	1/24/08	815			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS				1/24/08	815			

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	TAMPA LOG NO.	COOLER TEMP. UPON RECEIPT	LABORATORY REMARKS
Amy Kline	1/24/08	945	YES ○ NO ○		20738		

TAL8240-660 (1207)

Serial Number 00527

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

600-20738

TestAmerica Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634
Website: www.testamericainc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
SAMPLER'S SIGNATURE	P.O. NUMBER	CONTRACT NO.
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
CLIENT NAME	CLIENT E-MAIL	
CLIENT ADDRESS		
COMPANY CONTRACTING THIS WORK (if applicable)		

Page 1 of 2
See

MATRIX TYPE: COMPOSITE (C) OR GRAB (G) INDICATE; AQUEOUS (WATER); SOLID OR SEMISOLID; AIR; NONAQUEOUS LIQUID (OIL, SOLVENT,...)

REQUIRED ANALYSIS: 8260 - 8260 STL; HCl PRESERVATIVE

PAGE 4 OF 4

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

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G)	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT,...)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
1/23/08		DUP5	G		✓			3	
	1600	Eqp-2						3	
	1630	Eqp-3						3	
	—	~~Eqp-4~~						~~3~~	Did not receive NG 1-24-08
	—	Eqp-5						3	
	—	TB-2 (JK)						2	
	—	TB-3 (MJF)						2	
	—	TB-4 (SW/NS)						2	
↓	—	TB-5 (KLC/NPS)						2	
↓	—	DUP2						2	
1/23/08	10:44	MW-152			✓			3	Added per client NG 1-24-08

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS			Dana Klimek	1/24/08	815			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS				1/24/08	815			

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	TAMPA LOG NO.	COOLER TEMP. UPON RECEIPT	LABORATORY REMARKS
Amy M. Kins	1/24/08	945	YES ○ NO ○		20738		

TAL 8240-660 (1207)

Serial Number 00528

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634
Website: www.testamericainc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

○ Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
Talleyast		
SAMPLER'S SIGNATURE: Lisa Klimek	P.O. NUMBER	CONTRACT NO.
CLIENT (SITE) PM: Guy Kaminski	CLIENT PHONE	CLIENT FAX
CLIENT NAME: Aradis	CLIENT E-MAIL	
CLIENT ADDRESS: 3350 Bobwood Park Drive Suite 100 Tampa FL 33618		
COMPANY CONTRACTING THIS WORK (if applicable)		

PAGE 1 OF 5

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: 8260-8260SIM	PRESERVATIVE: HCl	NUMBER OF CONTAINERS SUBMITTED	REMARKS
1/24/08	1630	MW-94		Y						3	
	1547	MW-95								3	
	—	TB-1								2	
	930	RW-2								3	
	1035	MW-12								3	
	1130	MW-5								3	
	1420	MW-114								3	
	1525	MW-83								3	
	1540	Private well 84								3	
	1012	MW-32								3	
	1054	MW-75								3	
	—	DUP7								3	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS				1/25/08	754			
RECEIVED BY: (SIGNATURE) EMPTY CONTAINERS	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE 1/25/08	TIME 754	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	TAMPA LOG NO.	COOLER TEMP. UPON RECEIPT	LABORATORY REMARKS
Carol McNulty	1/25/08	0915	YES ○ NO ○		20784	5°C	

TAL8240-660 (1207)

SDG 660-20784

Serial Number 00529

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634
Website: www.testamericainc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
SAMPLER'S SIGNATURE	P.O. NUMBER	CONTRACT NO.
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
CLIENT NAME	CLIENT E-MAIL	
CLIENT ADDRESS		
COMPANY CONTRACTING THIS WORK (if applicable)		

Page 1 of 2 pages
500

PAGE 2 OF 5

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

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT...)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
1/24/08	1117	MW-7D	G	X				3	
	1515	MW-159						3	
	1422	MW-157						3	
	1515	MW-160						3	
	1425	SK ~~MW-159~~ MW-156						3	
	1105	MW-11						3	
	1628	EB-7						2	
	—	TB-7						2	
	—	TB-6						2	
	1645	EB-6						2	
	1450	MW-107						3	
↓	1045	MW-153						3	

REQUIRED ANALYSIS: 8260-8260SIM; HCl; TESTAMERICA

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
			AMY BOATS	1/25/08	754			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
				1/25/08	754			

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	TAMPA LOG NO.	COOLER TEMP. UPON RECEIPT	LABORATORY REMARKS
Carol McNulty	1/25/08	0915	YES ○ NO ○				

TAL8240-660 (1207)

Serial Number 00530

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634
Website: www.testamericainc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
SAMPLER'S SIGNATURE	P.O. NUMBER	CONTRACT NO.
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
CLIENT NAME	CLIENT E-MAIL	
CLIENT ADDRESS		
COMPANY CONTRACTING THIS WORK (if applicable)		

See page 1

MATRIX TYPE (COMPOSITE (C) OR GRAB (G) INDICATE; AQUEOUS (WATER); SOLID OR SEMISOLID; AIR; NONAQUEOUS LIQUID (OIL, SOLVENT...))

REQUIRED ANALYSIS: 8260-8260SIM; HCl PRESERVATIVE

PAGE 3 OF 5

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

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
1/24/08	1130	MW-155	X	3	
	1554	MW-161		3	
	1535	MW-158		3	
	1650	EB-9		3	
	930	MW-124		3	
	1010	MW-126		3	
	1018	MW-106		3	
	1045	MW-112		3	
	1214	MW-195		3	
	1245	MW-194		3	
	1248	MW-193		3	
	—	Dup6		3	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS			AMY COATS	1/25/08	754			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS				1/25/08	754			

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	TAMPA LOG NO.	COOLER TEMP. UPON RECEIPT	LABORATORY REMARKS
Carl McNulty	1/25/08	0915	YES ○ NO ○				

TAL8240-660 (1207)

Serial Number 00531

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634
Website: www.testamericainc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

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Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
SAMPLER'S SIGNATURE	P.O. NUMBER	CONTRACT NO.
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
CLIENT NAME	CLIENT E-MAIL	
CLIENT ADDRESS		
COMPANY CONTRACTING THIS WORK (if applicable)		

See Page 1

PAGE 4 OF 5

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

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	MATRIX TYPE: COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT...)	8260-8260SIM	HCl PRESERVATIVE	NUMBER OF CONTAINERS SUBMITTED	REMARKS
1/24/08	1510	MW-184		V						3	
	1519	MW-183								3	
	1600	MW-185								3	
	1610	MW-187								3	
	1640	~~MW-157~~ 186 NLT								3	changed per email from Sampler NLT 1-28-08
	—	Dup 9								3	
	—	TB-9								2	
	—	TB-8								2	
	1630	EB-8								3	
	—	Dup-8								3	
	918	MW-15S								3	
	910	MW-15D								3	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS			Amy Oats	1/25/08	754			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS				1/25/08	754			

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	TAMPA LOG NO.	COOLER TEMP. UPON RECEIPT	LABORATORY REMARKS
Carol McNulty	1/25/08	0915	YES ○ NO ○				

TAL8240-660 (1207)

Serial Number 00532

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

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THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634
Website: www.testamericainc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

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PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
SAMPLER'S SIGNATURE	P.O. NUMBER	CONTRACT NO.
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
CLIENT NAME	CLIENT E-MAIL	
CLIENT ADDRESS		
~~COMPANY~~ CONTRACTING THIS WORK (if applicable)		

See page 1

PAGE 5 OF 5

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

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT...)	8260-8260SIM	ACI PRESERVATIVE	REMARKS
1/24/08	1012	MW-14S	C	✓				3		
	1009	MW-14D						3		
	1122	MW-77						3		
	1211	MW-20						3		
	1408	MW-9S						3		
	1400	MW-9D						3		
	1445	MW-76						3		
	1550	MW-25						3		
	1452	MW-85						3		
	1715	MW-233						3		
										total of 58 Samples

NUMBER OF CONTAINERS SUBMITTED

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS			Amy Coats	1/25/08	754			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS				1/25/08	754			

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	TAMPA LOG NO.	COOLER TEMP. UPON RECEIPT	LABORATORY REMARKS
Carol McNulty	1/25/08	0915	YES ○ NO ○				

TAL8240-660 (1207)

Serial Number 00533

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

660-20815

TestAmerica Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634
Website: www.testamericainc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
Tallevast	B0038055	FL
SAMPLER'S SIGNATURE	P.O. NUMBER	CONTRACT NO.
Dina Klemela		
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
Guy Kaminski	813-915-4726	
CLIENT NAME	CLIENT E-MAIL	
Arcadis.	guy.kaminski@arcadis-us.com	
CLIENT ADDRESS		
3350 Peachwood Park Drive Suite 100 Tampa 33618		
COMPANY CONTRACTING THIS WORK (if applicable)		

MATRIX TYPE (COMPOSITE (C) OR GRAB (G) INDICATE; AQUEOUS (WATER); SOLID OR SEMISOLID; AIR; NONAQUEOUS LIQUID (OIL, SOLVENT,...))

REQUIRED ANALYSIS: 8260-8260STM; HCl PRESERVATIVE

PAGE 1 OF 4

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

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS SUBMITTED	REMARKS
1/25/08	903	MW-117	3	
	840	MW-118	3	
	806	MW-119	3	
	750	MW-120	3	
	1020	MW-224	3	
	1032	MW-227	3	
	1100	MW-223	3	
	1120	MW-225	3	
	1155	MW-226	3	
	1157	MW-241	3	
	1300	MW-100	3	
	1303	MW-99	3	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS			Dina Klemela	1/28/08	936			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS				1/28	936			

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT YES ○ NO ○	CUSTODY SEAL NO.	TAMPA LOG NO.	COOLER TEMP. UPON RECEIPT	LABORATORY REMARKS
	1-28-08				660-	4° 4°	

TAL8240-660 (1207)

SDG - 660 - 20815

Serial Number 00534

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica
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660-20815

TestAmerica Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634

Website: www.testamericainc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
SAMPLER'S SIGNATURE	P.O. NUMBER	CONTRACT NO.
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
CLIENT NAME	CLIENT E-MAIL	
CLIENT ADDRESS		
COMPANY CONTRACTING THIS WORK (if applicable)		

See Page 1

PAGE 2 OF 4

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

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT....)	8260-8260 SIM	PRESERVATIVE HCl	REMARKS
1/28/08	1323	EB-10		Y				3		
	1343	MW-221						3		
	1121	MW-22						3		
	1041	MW-23						3		
	1252	MW-219						3		
	1251	MW-220						3		
	1341	MW-222						3		
	1345	EB-11						3		
	1455	MW-73						3		
	1410	MW-98						3		
	—	Dup-11						3		
	—	Dup-10						3		

NUMBER OF CONTAINERS SUBMITTED

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS				1/28/08	936			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS				1/28/08	936			

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	TAMPA LOG NO.	COOLER TEMP. UPON RECEIPT	LABORATORY REMARKS
	1-28-08		YES ○ NO ○		660-	4°, 4°	

TAL8240-660 (1207)

Serial Number 00535

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica
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660-20815

TestAmerica Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634
Website: www.testamericainc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

○ Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
SAMPLER'S SIGNATURE	P.O. NUMBER	CONTRACT NO.
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
CLIENT NAME See Page 1	CLIENT E-MAIL	
CLIENT ADDRESS		
COMPANY CONTRACTING THIS WORK (if applicable)		

MATRIX TYPE (COMPOSITE (C) OR GRAB (G) INDICATE; AQUEOUS (WATER); SOLID OR SEMISOLID; AIR; NONAQUEOUS LIQUID (OIL, SOLVENT,...))

REQUIRED ANALYSIS: STM; 8260-8260; HCl PRESERVATIVE

PAGE 3 OF 4

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

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS SUBMITTED	REMARKS
1/25/08	1115	MW-103	3	
	1030	MW-102	3	
	855	MW-190	3	
	1508	EB-13	3	
	1317	MW 8S	3	
	1354	MW-3	3	
	1500	MW-84	3	
	1345	MW-4	3	
	—	DUP-13	3	
	—	TB-13	2	
	8~~30~~	MW-174	3	
	1125	MW-179	3	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS			Dana Klimek	1/28/08	936			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS			Mark Stu	1/28/08	936			

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	TAMPA LOG NO.	COOLER TEMP. UPON RECEIPT	LABORATORY REMARKS
	1-28-08		YES ○ NO ○		660-	4°, 4°	

TAL8240-660 (1207)

Serial Number 00536

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

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THE LEADER IN ENVIRONMENTAL TESTING

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TestAmerica Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634

Website: www.testamericainc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

○ Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
SAMPLER'S SIGNATURE	P.O. NUMBER	CONTRACT NO.
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
CLIENT NAME	CLIENT E-MAIL	
CLIENT ADDRESS		
COMPANY CONTRACTING THIS WORK (if applicable)		

See page 921

PAGE 4 OF 4

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	MATRIX: AQUEOUS (WATER)	MATRIX: SOLID OR SEMISOLID	MATRIX: AIR	MATRIX: NONAQUEOUS LIQUID (OIL, SOLVENT...)	REQUIRED ANALYSIS: 8260 - 8260 STM	PRESERVATIVE: HCl	NUMBER OF CONTAINERS SUBMITTED	REMARKS
1/28/08	1420	MW-116		Y						3	
	925	MW-122								3	
	1115	MW-178								3	
	1410	MW-180								3	
	1510	MW-181								3	
↓	—	Temp Blank								2	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS				1/28/08	936			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS				1/28/08	936			

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT YES ○ NO ○	CUSTODY SEAL NO.	TAMPA LOG NO.	COOLER TEMP. UPON RECEIPT	LABORATORY REMARKS
	1-28-08				660-	4°, 4°	

TAL8240-660 (1207)

Serial Number 00537

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

660-20822

TestAmerica Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634

Website: www.testamericainc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
Tallevast	B0038055	FL
SAMPLER'S SIGNATURE	P.O. NUMBER	CONTRACT NO.
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
Guy Kaminski	8139547026	
CLIENT NAME	CLIENT E-MAIL	
Arcadis	guy.kaminski@arcadis-us.com	
CLIENT ADDRESS		
3350 Buschwood Park Drive Suite 100 Tampa FL 33618		
COMPANY CONTRACTING THIS WORK (if applicable)		

MATRIX TYPE (COMPOSITE (C) OR GRAB (G) INDICATE): AQUEOUS (WATER), SOLID OR SEMISOLID, AIR, NONAQUEOUS LIQUID (OIL, SOLVENT....)

REQUIRED ANALYSIS: 8260-8260SIM

PRESERVATIVE: HCl

PAGE 1 OF 4

STANDARD REPORT DELIVERY ○

DATE DUE

EXPEDITED REPORT DELIVERY (SURCHARGE) ○

DATE DUE

NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
1/28/08	1305	MW-31	G	3	
	1240	MW-59		3	
	1350	MW-68		3	
	1627	MW-60		3	
	1528	MW-109		3	
	1121	MW-21		3	
	1028	MW-86		3	
	1112	MW-110		3	
	1657	MW-67		3	
	1012	MW-65		3	
	1105	MW-135		3	
↓	1055	MW-93	↓	3	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS				1/29/08	848			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS				1/29/08	847			

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	TAMPA LOG NO.	COOLER TEMP. UPON RECEIPT	LABORATORY REMARKS
	1/29/08	1000	YES ○ NO ○			4°	

TAL8240-660 (1207)

SDG 660-20822

Serial Number 00803

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

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600-20822

TestAmerica Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634
Website: www.testamericainc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

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Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
SAMPLER'S SIGNATURE	P.O. NUMBER	CONTRACT NO.
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
CLIENT NAME	CLIENT E-MAIL	
CLIENT ADDRESS		
COMPANY CONTRACTING THIS WORK (if applicable)		

See page 1

PAGE 2 OF 4

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

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	MATRIX TYPE: COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT...)	REQUIRED ANALYSIS: 8260-8260 SDM	#1 PRESERVATIVE	NUMBER OF CONTAINERS SUBMITTED	REMARKS
1/28/08	1318	MW-50		X						3	
	1700	MW-111								3	
	1618	MW-113								3	
	1640	MW-51								3	
	1503	MW-26								3	
	1319	MW-44								3	
	1345	MW-79								3	
	1050	MW-18S								3	
	1035	MW-18D								3	
	935	MW-91								3	
	1116	MW-29								3	
	937	MW-133								3	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS			Dana Arnold	1/29/08	848			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS				1/29/08	849			

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT YES ○ NO ○	CUSTODY SEAL NO.	TAMPA LOG NO.	COOLER TEMP. UPON RECEIPT	LABORATORY REMARKS

TAL8240-660 (1207)

Serial Number 00804

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica
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6060-20822

TestAmerica Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634
Website: www.testamericainc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
SAMPLER'S SIGNATURE	P.O. NUMBER	CONTRACT NO.
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
CLIENT NAME	CLIENT E-MAIL	
CLIENT ADDRESS		
COMPANY CONTRACTING THIS WORK (if applicable)		

See page 1

PAGE 3 OF 4

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

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	MATRIX TYPE: COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT,...)	REQUIRED ANALYSIS: 8260-8260SIM	PRESERVATIVE: HCl	NUMBER OF CONTAINERS SUBMITTED	REMARKS
1/28/08	1140	MW-52		X						3	
	1205	MW-64								3	
	1255	MW-28								3	
	1215	MW-53								3	
	1115	MW-54								3	
	1040	MW-27								3	
	1115	MW-104								3	
	1610	MW-105								3	
	1225	MW-248								3	
	—	~~MW-2~~ Dup-14								3	
	—	Dup15								3	
	—	Dup16								3	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS				1/29/08	848			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS				1/29/08	847			

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT YES ○ NO ○	CUSTODY SEAL NO.	TAMPA LOG NO.	COOLER TEMP. UPON RECEIPT	LABORATORY REMARKS

TAL8240-660 (1207)

Serial Number 00805

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

660-20822

TestAmerica Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634
Website: www.testamericainc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

○ Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
SAMPLER'S SIGNATURE	P.O. NUMBER	CONTRACT NO.
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
CLIENT NAME	CLIENT E-MAIL	
CLIENT ADDRESS		
COMPANY CONTRACTING THIS WORK (if applicable)		

See page 1

PAGE 4 | 4 OF

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

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	MATRIX TYPE: COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT...)	REQUIRED ANALYSIS: 8260 BTEX	PRESERVATIVE: HCl	NUMBER OF CONTAINERS SUBMITTED	REMARKS
1/28/08	—	Dup-17		X						3	
	—	TB-14								2	
	—	TB-15								2	
	—	TB-16								2	
	—	TB-17								2	
	~~1130~~ 1130	EB-14								3	
	1715	EB-15								3	
	1625	EB-16								2	
	1625	EB-17								2	
	1550	MW-201								3	49 Samples total
	1550	MW-199								3	
	1440	MW-200								3	
	1445	MW-198								3	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS				1/29/08	848			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS				1/29/08	847			

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT YES ○ NO ○	CUSTODY SEAL NO.	TAMPA LOG NO.	COOLER TEMP. UPON RECEIPT	LABORATORY REMARKS

TAL8240-660 (1207)

Serial Number 00811

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634
Website: www.testamericainc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
Tallevast	80038055	FL
SAMPLER'S SIGNATURE	P.O. NUMBER	CONTRACT NO.
Lisa Kunek		
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
Guy Kaminski	813-915-4786	
CLIENT NAME	CLIENT E-MAIL	
Arcadis	guy.kaminski@arcadis-us.com	
CLIENT ADDRESS		
3350 Buschwood Park Drive Suite 100 Tampa FL 33618		
COMPANY CONTRACTING THIS WORK (if applicable)		

MATRIX TYPE (COMPOSITE (C) OR GRAB (G) INDICATE): AQUEOUS (WATER), SOLID OR SEMISOLID, AIR, NONAQUEOUS LIQUID (OIL, SOLVENT,...)

REQUIRED ANALYSIS: 8260-8260 STL

PRESERVATIVE: HCl

PAGE 1 OF 5

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

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
1/30/08	1340	MW-71	4		
	1549	MW-149			
	1431	MW-129			
	1436	MW-58			
	922	MW-130			
	930	MW-57			
	1026	MW-80			
	1027	MW-72			
	1118	MW-6			
	1620	MW-30			
	1206	MW-48			
	1503	MW-232			

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS								
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS				1/31/08	820			

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	TAMPA LOG NO.	COOLER TEMP. UPON RECEIPT	LABORATORY REMARKS
	1-31-08	1000 0820	YES ○ NO ○		660-20907	4.4°	

cwl 2/1-08

TAL8240-660 (1207)

SDG 660-20907

Page 215 of 220

Serial Number 00814

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica
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TestAmerica Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634
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Phone: (813) 885-7427
Fax: (813) 885-7049

○ Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
SAMPLER'S SIGNATURE	P.O. NUMBER	CONTRACT NO.
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
CLIENT NAME	CLIENT E-MAIL	
CLIENT ADDRESS		
COMPANY CONTRACTING THIS WORK (if applicable)		

See Page 1

PAGE 2 OF 5

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	MATRIX: AQUEOUS (WATER)	MATRIX: SOLID OR SEMISOLID	MATRIX: AIR	MATRIX: NONAQUEOUS LIQUID (OIL, SOLVENT....)	REQUIRED ANALYSIS: 8260-8260	REQUIRED ANALYSIS: HCl PRESERVATIVE	NUMBER OF CONTAINERS SUBMITTED	REMARKS
1/30/08	—	Dup-22		X							
	1536	EB EW-110								3	
	1538	EW-109								3	
	1208	EW-106								3	
	1213	EW-105								3	
	1447	EW-104								3	
	1450	EW-103								3	
	1251	EW-101								3	
	1445	MW-166								3	
	1140	MW-165								3	
	1140	MW-164								3	
↓	—	Dup-25								3	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS				1/31/08	820			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS				1/31/08	820			

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT: YES ○ NO ○	CUSTODY SEAL NO.	TAMPA LOG NO.	COOLER TEMP. UPON RECEIPT	LABORATORY REMARKS
[signature]	1-31-08	1000			660-20907	4°, 4°	

EW-3508

TAL8240-660 (1207)

Serial Number 00815

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica
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TestAmerica Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634

Website: www.testamericainc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
SAMPLER'S SIGNATURE	P.O. NUMBER	CONTRACT NO.
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
CLIENT NAME	CLIENT E-MAIL	
CLIENT ADDRESS		
COMPANY CONTRACTING THIS WORK (if applicable)		

See page 5

PAGE 3 OF 5

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: 8260-8260	PRESERVATIVE: HCl	NUMBER OF CONTAINERS SUBMITTED	REMARKS
1/30/08	1436	MW-163		✓						3	
	1225	MW-162								3	
	1235	MW-97								3	
	855	MW-87								3	
	945	MW-75								3	
	820	MW-34								3	
	820	MW-35								3	
	957	MW-251								3	
	1102	MW-69								3	
	956	MW-61								3	
	~~1500~~ 1455	MW-196								3	
✓	1415	MW-197								3	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS			[signature]	1/31/08				
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS			[signature]	1/31/08	820			

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	TAMPA LOG NO.	COOLER TEMP. UPON RECEIPT	LABORATORY REMARKS
[signature]	1-31-08	1000	YES ○ NO ○		660-20907	4.4 °C	

TAL8240-660 (1207)

Serial Number 00813

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

○ TestAmerica Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634
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Phone: (813) 885-7427
Fax: (813) 885-7049

○ Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
SAMPLER'S SIGNATURE	P.O. NUMBER	CONTRACT NO.
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
CLIENT NAME	CLIENT E-MAIL	
CLIENT ADDRESS		
COMPANY CONTRACTING THIS WORK (if applicable)		

PAGE 4 OF 5

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	MATRIX: AQUEOUS (WATER)	MATRIX: SOLID OR SEMISOLID	MATRIX: AIR	MATRIX: NONAQUEOUS LIQUID (OIL, SOLVENT,...)	REQUIRED ANALYSIS: PRESERVATIVE	NUMBER OF CONTAINERS SUBMITTED	REMARKS
								HCl		
1/30/08	855	Private Well 48		Y					3	
	900	Private Well 47							3	
	1500	EB-22							2	
	1525	EB-25							2	
	1620	EB-EW-1							2	
	—	TB-22							2	
	—	TB-25							2	
	—	TB-EW-1							2	
	—	EB-23							2	
	—	TB-23							2	
	—	DUP-23							3	
↓	1257	MW-70							3	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS			Lynda Linch	1/31/08	820			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS				1/31/08	820			

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT YES ○ NO ○	CUSTODY SEAL NO.	TAMPA LOG NO.	COOLER TEMP. UPON RECEIPT	LABORATORY REMARKS
	1-31-08	1000			660-20907	4.4°	

TAL8240-660 (1207)

Page 218 of 220

Serial Number 00812

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica
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TestAmerica Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634
Website: www.testamericainc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
SAMPLER'S SIGNATURE	P.O. NUMBER	CONTRACT NO.
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
CLIENT NAME	CLIENT E-MAIL	
CLIENT ADDRESS		
COMPANY CONTRACTING THIS WORK (if applicable)		

See page 1

PAGE 5 OF 5

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	MATRIX: AQUEOUS (WATER)	MATRIX: SOLID OR SEMISOLID	MATRIX: AIR	MATRIX: NONAQUEOUS LIQUID (OIL, SOLVENT...)	REQUIRED ANALYSIS: 8260	PRESERVATIVE: HCl	NUMBER OF CONTAINERS SUBMITTED	REMARKS
1/30/08	1705	MW-47		Y						3	
	1106	MW-81								3	
	—	TB-24								2	
	—	Dup-24								2	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS				1/31/08	820			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS				1/31/08	820			

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	TAMPA LOG NO.	COOLER TEMP. UPON RECEIPT	LABORATORY REMARKS
	1-31-08	1000	YES ○ NO ○		620-20907	4.4°	

TAL8240-660 (1207)

Serial Number 00823

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

600 - 20941

TestAmerica Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634

Website: www.testamericainc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

○ Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE: Tallevast	PROJECT NO.: B0038055	PROJECT LOCATION (STATE): FL	
SAMPLER'S SIGNATURE: Lisa Klimek	P.O. NUMBER	CONTRACT NO.	
CLIENT (SITE) PM: Guy Kaminski	CLIENT PHONE: 813-915-4726	CLIENT FAX	
CLIENT NAME: Arcadis	CLIENT E-MAIL: guy.kaminski@arcadis-us.com		
CLIENT ADDRESS: 3350 Buschwood Park Drive Suite 195 Tampa FL 33618	COMPANY CONTRACTING THIS WORK (if applicable)		

MATRIX TYPE (COMPOSITE (C) OR GRAB (G) INDICATE): AQUEOUS (WATER); SOLID OR SEMISOLID; AIR; NONAQUEOUS LIQUID (OIL, SOLVENT....)

REQUIRED ANALYSIS: 8260-8260 SIM; HCl PRESERVATIVE

PAGE 1 OF 2

STANDARD REPORT DELIVERY ○

DATE DUE _____

EXPEDITED REPORT DELIVERY (SURCHARGE) ○

DATE DUE _____

NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
2/1/08	810	MW-202	X	3	
	1132	MW-134		3	
	910 1000	DW-1		3	
	1056	MW-42		3	
	1103	MW-43		3	
	915	IWI-1		3	
	1025	IWI-2		3	
	1000	EW-UAFG-1		3	
	940	MW-38		3	
	1016	MW-39		3	
	930	MW-253		3	
↓	840	MW-254	↓	3	

RELINQUISHED BY: (SIGNATURE) EMPTY CONTAINERS	DATE	TIME	RELINQUISHED BY: (SIGNATURE) Lisa Klimek	DATE 2/1/08	TIME 1518	RELINQUISHED BY: (SIGNATURE)
RECEIVED BY: (SIGNATURE) EMPTY CONTAINERS	DATE	TIME	RECEIVED BY: (SIGNATURE) Carol McNulty	DATE 2/1/08	TIME 1518	RECEIVED BY: (SIGNATURE)

DATE / TIME for RELINQUISHED BY: (SIGNATURE) and RECEIVED BY: (SIGNATURE)

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT YES ○ NO ○	CUSTODY SEAL NO.	TAMPA LOG NO.	COOLER TEMP. UPON RECEIPT	LABORATORY REMARKS

TAL8240-660 (1207)

SDG - 660 - 20941

Serial Number 00822

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

660-20941

TestAmerica Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634
Website: www.testamericainc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
SAMPLER'S SIGNATURE	P.O. NUMBER	CONTRACT NO.
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
CLIENT NAME	CLIENT E-MAIL	
CLIENT ADDRESS		
COMPANY CONTRACTING THIS WORK (if applicable)		

PAGE 2 OF 2

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

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT,...)	SDWA	8260-8260	HCl PRESERVATIVE	NUMBER OF CONTAINERS SUBMITTED	REMARKS
2/1/08	906	MW-8D		X							3	
	921	MW-123									3	
	910	RW-1									3	
	—	DUP-31									3	
	1145	EB-31									2	
	—	TB-31									2	
	854	Private Well 7									3	
	820	Private Well 57									3	
	908	Private Well 59									3	
	1055	Private Well 38									3	
	1115	Private Well 102									3	
	—	TB-32									2	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS			Sara Remer	2/1/07	1578			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS			Carl McNulty	2/1/08	1578			

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT YES ○ NO ○	CUSTODY SEAL NO.	TAMPA LOG NO.	COOLER TEMP. UPON RECEIPT	LABORATORY REMARKS

TAL8240-660 (1207)

Serial Number 43659

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN TRENT **STL** 660-21028

STL Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634

Website: www.stl-inc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE: Tallevast	PROJECT NO.: 38055.003	PROJECT LOCATION (STATE): FL		
SAMPLER'S SIGNATURE: [signature]	P.O. NUMBER: 38055	CONTRACT NO.		
CLIENT (SITE) PM: Sara Klimek	CLIENT PHONE: 813-933-0697	CLIENT FAX: 813-932-9574		
CLIENT NAME: Arcadis	CLIENT E-MAIL: sara.klimek@arcadis-us.com			
CLIENT ADDRESS: 3350 Buschwood Park Dr. Tampa, FL 33618				
COMPANY CONTRACTING THIS WORK (if applicable): LMC				

PAGE 1 OF 1

STANDARD REPORT DELIVERY ○

DATE DUE _____

EXPEDITED REPORT DELIVERY (SURCHARGE) ●

DATE DUE 72 hours

NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	MATRIX TYPE: COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT,...)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
2-4-08	9:55	PW-64		X				3	
2-4-08	11:18	PW-65		X				3	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	2/3/08	1520						
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT YES ○ NO ○	CUSTODY SEAL NO.	STL TAMPA LOG NO.	LABORATORY REMARKS
[signature]	2-7-08	11:00			660-	4°C cooler temp UPS

STL8240-660 (12/02)

Page 21 of 22

SDG 660-21028

Serial Number 00806

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica
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6712 Benjamin Road, Suite 100
Tampa, FL 33634
Website: www.testamericainc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

○ Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
Tallevast		
SAMPLER'S SIGNATURE	P.O. NUMBER	CONTRACT NO.
Dana Kinsella		
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
Guy Kaminski	813-915-4720	
CLIENT NAME	CLIENT E-MAIL	
Arcadis	guy.kaminski@arcadis-us.com	
CLIENT ADDRESS		
3350 Buschwood Park Drive Suite 100 Tampa FL 33618		
COMPANY CONTRACTING THIS WORK (if applicable)		

MATRIX TYPE: COMPOSITE (C) OR GRAB (G) INDICATE; AQUEOUS (WATER); SOLID OR SEMISOLID; AIR; NONAQUEOUS LIQUID (OIL, SOLVENT,...)

REQUIRED ANALYSIS: 8260-8260SIM

PAGE 1 OF 5

STANDARD REPORT DELIVERY ○
DATE DUE _____
EXPEDITED REPORT DELIVERY (SURCHARGE) ○
DATE DUE _____

HCl PRESERVATIVE

NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
1/29/08	916	MW-24	X	3	
	1149	MW-146		3	
	1557	MW-56		3	
	1519	MW-88		3	
	952	MW-84B		3	
	957	MW-84A		3	
	1450	MW-82		3	
	1622	MW-74		3	
	—	Dup-19		3	
	—	Dup-20		3	
	1605	MW-168		3	
↓	1136	MW-145	↓	3	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS			Dana Kinsella	1/30/08	846			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS				1/30/08	846			

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	TAMPA LOG NO.	COOLER TEMP. UPON RECEIPT	LABORATORY REMARKS
Amanda Hanson	1/30/08	1145	YES ○ NO ○		20857		

TAL8240-660 (1207)

SDG 660 - 20857

Serial Number 00807

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica
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○ TestAmerica Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634
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Phone: (813) 885-7427
Fax: (813) 885-7049

○ Alternate Laboratory Name/Location
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Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
SAMPLER'S SIGNATURE	P.O. NUMBER	CONTRACT NO.
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
CLIENT NAME	CLIENT E-MAIL	
CLIENT ADDRESS		
COMPANY CONTRACTING THIS WORK (if applicable)		

See page 1

MATRIX TYPE: COMPOSITE (C) OR GRAB (G) INDICATE; AQUEOUS (WATER); SOLID OR SEMISOLID; AIR; NONAQUEOUS LIQUID (OIL, SOLVENT....)

REQUIRED ANALYSIS: 8260-8260 STM

PRESERVATIVE: #1

PAGE 2 OF 5

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

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT....)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
1/29/08	1315	MW-143		X				3	
	1010	MW-140						3	
	850	MW-136						3	
	1415	MW-207						3	
	1535	MW-16D						3	
	1405	MW-206						3	
	1315	MW-142						3	
	1250	MW-141						3	
	1220	MW-144						3	
	1115	MW-96						3	
	1005	MW-139						3	
	915	MW-137						3	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS				1/30/08	846			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS				1/30/08	846			

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT YES ○ NO ○	CUSTODY SEAL NO.	TAMPA LOG NO. 90857	COOLER TEMP. UPON RECEIPT	LABORATORY REMARKS

TAL8240-660 (1207)

Serial Number 00808

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

○ TestAmerica Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634
Website: www.testamericainc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

○ Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
SAMPLER'S SIGNATURE	P.O. NUMBER	CONTRACT NO.
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
CLIENT NAME (see page 1)	CLIENT E-MAIL	
CLIENT ADDRESS		
COMPANY CONTRACTING THIS WORK (if applicable)		

PAGE 3 OF 5

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	MATRIX: AQUEOUS (WATER)	MATRIX: SOLID OR SEMISOLID	MATRIX: AIR	MATRIX: NONAQUEOUS LIQUID (OIL, SOLVENT...)	REQUIRED ANALYSIS: 8260 - 8260 STL	REQUIRED ANALYSIS: HCl PRESERVATIVE	NUMBER OF CONTAINERS SUBMITTED	REMARKS
1/29/08	845	MW-138		G						3	
	920	MW-176								3	
	1130	MW-175								3	
	1114	MW-125								3	
	1305	MW-135								3	
	1244	MW-13D								3	
	1353	MW-45								3	
	1005	MW-115								3	
	928	MW-177								3	
	1422	MW-243								3	
	1449	MW-244								3	
↓	—	Dup-18								3	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS				1/30/08	846			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS				1/30/08	846			

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT YES ○ NO ○	CUSTODY SEAL NO.	TAMPA LOG NO. 20857	COOLER TEMP. UPON RECEIPT	LABORATORY REMARKS

TAL8240-660 (1207)

Serial Number 00809

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634
Website: www.testamericainc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
SAMPLER'S SIGNATURE	P.O. NUMBER	CONTRACT NO.
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
CLIENT NAME	CLIENT E-MAIL	
CLIENT ADDRESS		
COMPANY CONTRACTING THIS WORK (if applicable)		

See page 1

PAGE 4 OF 5

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*	MATRIX: AQUEOUS (WATER)	MATRIX: SOLID OR SEMISOLID	MATRIX: AIR	MATRIX: NONAQUEOUS LIQUID (OIL, SOLVENT...)	REQUIRED ANALYSIS: 8260-8260 SIM	REQUIRED ANALYSIS: H1 PRESERVATIVE	NUMBER OF CONTAINERS SUBMITTED	REMARKS
1/29/08	1036	MW-231		G						3	
	1042	MW-229		G						3	
	933	MW-245		G						3	
	850	MW-247		G						3	
	900	MW-246		G						3	
	1420	MW-242		G						3	
	1039	MW-230		G						3	
	1527	MW-108		G						3	
	1625	EB-19		G						2	
	1550	EB-21		G						2	
	1452	EB-20		G						2	
↓	1600	EB-18		G						2	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS			[signature]	1/30/08	846			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS			[signature]	1/30/08	846			

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT YES ○ NO ○	CUSTODY SEAL NO.	TAMPA LOG NO. 30857	COOLER TEMP. UPON RECEIPT	LABORATORY REMARKS

TAL8240-660 (1207)

Serial Number 00810

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634
Website: www.testamericainc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
SAMPLER'S SIGNATURE	P.O. NUMBER	CONTRACT NO.
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
CLIENT NAME	CLIENT E-MAIL	
CLIENT ADDRESS		
COMPANY CONTRACTING THIS WORK (if applicable)		

See Page 1

MATRIX TYPE: COMPOSITE (C) OR GRAB (G) *INDICATE* | AQUEOUS (WATER) | SOLID OR SEMISOLID | AIR | NONAQUEOUS LIQUID (OIL, SOLVENT....)

REQUIRED ANALYSIS: 8260-8260 SIM

PRESERVATIVE: HCl

PAGE 5 OF 5

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

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
1/29/08	845	MW-101	Y	3	
		DUP-19		3	
	855	MW-55		3	
	1240	MW-150		3	
	1059	MW-147		3	
	1108	MW-148		3	
	—	TB-19		2	
	—	TB-18		2	
	—	TB-20		2	
	—	TB-21		2	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS			Doug Slinde	1/30/08	846			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS				1/30/08	846			

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT YES ○ NO ○	CUSTODY SEAL NO:	TAMPA LOG NO. 30857	COOLER TEMP. UPON RECEIPT	LABORATORY REMARKS

TAL8240-660 (1207)

Serial Number 00816

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634
Website: www.testamericainc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

○ Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
Tallevast	B0038055	FL
SAMPLER'S SIGNATURE	P.O. NUMBER	CONTRACT NO.
Sara Kemak		
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
Guy Kaminski	813-915-4736	
CLIENT NAME	CLIENT E-MAIL	
Arcadis	guy.kaminski@arcadis-us.com	
CLIENT ADDRESS		
3350 Buschwood Park Drive Suite 195 Tampa FL 33618		
COMPANY CONTRACTING THIS WORK (if applicable)		

MATRIX TYPE: COMPOSITE (C) OR GRAB (G) INDICATE | AQUEOUS (WATER) | SOLID OR SEMISOLID | AIR | NONAQUEOUS LIQUID (OIL, SOLVENT,...)

REQUIRED ANALYSIS: 8260-8260 ST

PRESERVATIVE: HCl

PAGE 1 OF 5

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

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
1/31/08	1428	MW-249	Y	3	
	1410	MW-250		3	
	1540 1535	MW-214		3	
	1450 1545	MW-215		3	
	1525	MW-216		3	
	1625	MW-217		3	
	1100	MW-234		3	
	1150	MW-235		3	
	1108	MW-236		3	
	1100	MW-237		3	
	1116	MW-238		3	
✓	1546	MW-213		3	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS			Sara Kemak	2/1/08	840			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS			Mark	2/1/08	840			

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	TAMPA LOG NO.	COOLER TEMP. UPON RECEIPT	LABORATORY REMARKS
Mark	2/1/08	1000	YES ○ NO ○		20926	4° 4°	

MARK

SDL 660 - 20926

TAL8240-660 (1207)

Serial Number 00817

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634

Website: www.testamericainc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
SAMPLER'S SIGNATURE	P.O. NUMBER	CONTRACT NO.
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
CLIENT NAME	CLIENT E-MAIL	
CLIENT ADDRESS		
COMPANY CONTRACTING THIS WORK (if applicable)		

See page 9

MATRIX TYPE: COMPOSITE (C) OR GRAB (G) INDICATE; AQUEOUS (WATER); SOLID OR SEMISOLID; AIR; NONAQUEOUS LIQUID (OIL, SOLVENT....)

REQUIRED ANALYSIS: 8260-8260 STM; HCl PRESERVATIVE

PAGE 2 OF 5

STANDARD REPORT DELIVERY ○

DATE DUE _____

EXPEDITED REPORT DELIVERY (SURCHARGE) ○

DATE DUE _____

NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
1/21/08	1025	MW-62	✓	3	
	920	MW-92		3	
	1010	MW-96		3	
	955	MW-63		3	
	920	MW-131		3	
	1410	PZ-LSAS-1		3	
	1215	PZ-LSAS-2		3	
	1320	PZ-LSAS-3		3	
	1220	PZ-LSAS-4		3	
	1325	PZ-LSAS-5		3	
	1425	PZ-LSAS-6		3	
	1250	PZ-LSAS-7		3	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS			[signature]	2/1/08	840			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS			[signature]	2/1/08	840			

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT YES ○ NO ○	CUSTODY SEAL NO.	TAMPA LOG NO.	COOLER TEMP. UPON RECEIPT	LABORATORY REMARKS

TAL8240-660 (1207)

Serial Number 00818

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634
Website: www.testamericainc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

○ Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
SAMPLER'S SIGNATURE	P.O. NUMBER	CONTRACT NO.
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
CLIENT NAME	CLIENT E-MAIL	
CLIENT ADDRESS		
COMPANY CONTRACTING THIS WORK (if applicable)		

See pg 1

PAGE 3 OF 5

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

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	MATRIX: AQUEOUS (WATER)	MATRIX: SOLID OR SEMISOLID	MATRIX: AIR	MATRIX: NONAQUEOUS LIQUID (OIL, SOLVENT....)	REQUIRED ANALYSIS: 8260-8260 SIM	PRESERVATIVE: HCl	NUMBER OF CONTAINERS SUBMITTED	REMARKS
1/31/08	—	Dup-30		Y						3	
	1554	EB-30								2	
	—	TB-30								2	
	—	Dup-27								3	
	1550	EB-27								2	
	—	~~TB-27~~								2	82c
	1150	MW-40								3	
	1111	MW-41								3	
	1020	MW-33								3	
	1652	EW-102								3	
	1600	EW-107								3	
	1447	EW-108								3	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS				2/1/08	840			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS				2/1/08	840			

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT YES ○ NO ○	CUSTODY SEAL NO.	TAMPA LOG NO.	COOLER TEMP. UPON RECEIPT	LABORATORY REMARKS

TAL8240-660 (1207)

Serial Number 00819

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

○ TestAmerica Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634
Website: www.testamericainc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

○ Alternate Laboratory Name/Location
Phone:
Fax:

PAGE 4 OF 5

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
SAMPLER'S SIGNATURE	P.O. NUMBER	CONTRACT NO.
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
CLIENT NAME	CLIENT E-MAIL	
CLIENT ADDRESS		
COMPANY CONTRACTING THIS WORK (if applicable)		

See Page 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: 8260 - 8260 TCL	PRESERVATIVE: HCl	NUMBER OF CONTAINERS SUBMITTED	REMARKS
1/31/08	1030	MW-10		X						3	
	1120	MW-36								3	
	1038	MW-37								3	
	1221	MW-127								3	
	1220	MW-128								3	
	—	Dup-28								3	
	—	EB-28								2	
	—	TB-28								2	
	—	Dup-29								3	
	1655	EB-29								2	
	—	TB-29								2	
	1505	Private Well 85								3	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS				2/1/08	840			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS				2/1/08	840			

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT YES ○ NO ○	CUSTODY SEAL NO.	TAMPA LOG NO.	COOLER TEMP. UPON RECEIPT	LABORATORY REMARKS

TAL8240-660 (1207)

Serial Number 00820

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

○ TestAmerica Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634
Website: www.testamericainc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

○ Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
SAMPLER'S SIGNATURE	P.O. NUMBER	CONTRACT NO.
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
CLIENT NAME	CLIENT E-MAIL	
CLIENT ADDRESS		
COMPANY CONTRACTING THIS WORK (if applicable)		

Seepage 2

MATRIX TYPE (COMPOSITE (C) OR GRAB (G) INDICATE; AQUEOUS (WATER); SOLID OR SEMISOLID; AIR; NONAQUEOUS LIQUID (OIL, SOLVENT,...))

REQUIRED ANALYSIS: 8260 - 8260 SIM

PRESERVATIVE: HCl

PAGE 5 | 5 OF

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

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	AQUEOUS (WATER)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
1/31/08	1643	MW-19	X	3	
↓	1617	MW-25		3	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS				2/1/08	840			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS				2/1/08	840			

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT YES ○ NO ○	CUSTODY SEAL NO.	TAMPA LOG NO.	COOLER TEMP. UPON RECEIPT	LABORATORY REMARKS

TAL8240-660 (1207)

ARCADIS

Appendix C

Validated Laboratory Analytical Reports and Data Assessment Reports

ARCADIS
Infrastructure, environment, facilities

Imagine the result

Lockheed Martin Corporation

Appendix C - Data Validation/Quality Control Summary and Data Review

2008 Groundwater Monitoring Report

Former American Beryllium Company Site

July 7, 2008

Table of Contents

1. Data Validation/ Quality Control Summary

This report summarizes the analytical data and quality assurance/quality control (QA/QC) evaluation associated with the January/February 2008 annual sampling event at the former American Beryllium Company (ABC) facility. A summary of the groundwater data with any applicable data qualification and data verification reports are provided in the Sample Delivery Group (SDG) Data Reviews included in Attachments 1-9 of this appendix.

The samples were analyzed by TestAmerica Laboratories, of Tampa, Florida for volatile organic compounds (VOCs) and 1,4-dioxane. Analyses were performed according to United Stated Environmental Protection Agency (USEPA) SW-846 Method 8260B Total Ion Monitoring (TIM) and 8260C selective ion monitoring (SIM) by isotope dilution (ID). Data review and verification were performed in accordance with *Organic USEPA National Functional Guidelines* (October 1999 and January 2005) and *USEPA Region II SOP HW-24, revision 2 (October 2006) Validating Volatile Organic Compounds by SW-846 Method 8260B* was also used to supplement the data review process.

Below is an overall summary of the sample analyses conducted during monitoring activities.

Field Sample Collection

Parameter	Samples	Field Duplicate	Equipment Blanks	Trip Blanks	Total
VOCs	295	27	27	31	380
Total	**295**	**27**	**27**	**31**	**380**

Laboratory QC samples prepared and analyzed with the field samples included method blanks, site-specific matrix spike (MS) pairs, and laboratory control samples (LCSs). Field QC samples included field blanks, trip blanks and field duplicates.

The sections below present a summary of the results of the data quality review completed by ARCADIS. The following subsections describe the various types of QA/QC parameter deviations identified during the data validation process. The complete sets of detailed data validation reports are included in the SDG Data Reviews included in Attachments 1-9 of this appendix.

1.1 Sample Preservation and Holding Time

Samples were preserved correctly with hydrochloric acid at the time of collection. All sample analyses were completed within holding time limits with the exception of the 24 analyses presented in the following table.

Sample Locations	Holding Time	Criteria
MW-87 (SIM ID) DL	Analysis Completed	23 Days
PZ-LSAS-2 (SIM ID) DL PZ-LSAS-4 (SIM ID) DL Dup-30 (SIM ID)		18 Days
MW-37 DL MW-37 (SIM ID) DL MW-127 DL MW-127 (SIM ID) DL		19 Days
PZ-LSAS-5 DL PZ-LSAS-5 (SIM ID) PZ-LSAS-6 (SIM ID) PZ-LSAS-7 DL PZ-LSAS-7 (SIM ID) Dup-27 (SIM ID) EB-27 (SIM ID) MW-40 (SIM ID) MW-41 (SIM ID) MW-33 DL MW-33 (SIM ID) EW-102 (SIM ID) DL EW-107 (SIM ID)		21 Days
MW-213 EW-108 (SIM ID)		22 Days
PZ-LSAS-6 DL		25 Days

Sample results reported from the diluted associated sample locations analyzed by analytical method USEPA SW-846 8260 were qualified, as specified in the table below.

Criteria	Qualification	
	Detected Analytes	Non-detect Analytes
Analysis completed less than two times holding time	J	UJ

J = Estimated value.
UJ = The analyte was analyzed for, but not detected. The reporting limit is an estimated value.

1.2 Gas Chromatograph Instrument Performance

Mass spectrometer tuning performance was acceptable. System performance and column resolution were acceptable.

The initial 1,4-dioxane (SIM ID) analysis for six samples (MW-213, PZ-LSAS-4, Dup-30, Dup-27, EB-27 and EW-107) were analyzed outside of the 12-hour tune clock. These samples were reanalyzed outside of holding time (as noted in Section 1.1) and reported. The reported results were qualified as estimated using "J" and "UJ" flags as described in Section 1.1.

The initial 8260B TIM analysis for sample location MW-213 was analyzed outside of the 12-hour tune clock. This sample was reanalyzed outside of holding time (as noted in Section 1.1) and reported. The reported results were qualified as estimated using a "UJ" flag as described in Section 1.1.

1.3 Blank Contamination

Blank samples were utilized to evaluate the potential introduction of contaminants into the field samples. Method blanks, equipment blanks and trip blanks were prepared and analyzed in conjunction with the field samples to monitor potential contamination impacts during collection, shipment and analysis. Method blanks were included in each analytical batch to ensure that potential interferences associated with the analytical system, reagents, and/or laboratory glassware were identified. Trip blanks

were prepared by the laboratory and shipped with sample bottles to the site, then returned to the laboratory in each cooler to evaluate potential impacts to samples during transport and storage. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank (common laboratory contaminant compounds are calculated at ten times) is calculated for QA blanks containing concentrations greater than the method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

Target compounds were detected in the several QA blanks. Sample results associated with blank contamination greater than the BAL and/or non-detect did not result in any qualification of data. Sample results less than the BAL associated with the following sample locations were qualified as listed in the following table.

Sample Locations	Analytes	Sample Result	Qualification
MW-192 MW-211	Toluene	Detected sample results <RL and <BAL	"U" at the PQL
MW-112 MW-195 MW-20 MW-233	Toluene	Detected sample results <RL and <BAL	"U" at the PQL
MW-120 MW-224 MW-226 MW-220 MW-181	Toluene	Detected sample results <RL and <BAL	"U" at the PQL
MW-99 MW-22 DUP-10 MW-103 MW-102 MW-4	o-Xylene	Detected sample results <RL and <BAL	"U" at the PQL
MW-238 MW-128 Dup-28	Acetone	Detected sample results <RL and <BAL	"U" at the PQL
EW-108	Acetone	Detected sample results >RL and <BAL	"U" at detected sample concentration
MW-131 EW-102	Trichloroethene	Detected sample results >RL and <BAL	"U" at detected sample concentration

Sample Locations	Analytes	Sample Result	Qualification
MW-10			

RL = reporting limit
PQL = practical quantitation limit

1.4 Analytical Instrument Calibrations

USEPA SW-846 Method 8260B and 8260C specify percent relative standard deviation (%RSD) and relative response factor (RRF) limits for select compounds only. A technical review of the data applies limits to all compounds with no exceptions.

Initial Calibration Criteria

All target compounds analyzed by USEPA SW-846 Method 8260B associated with the initial calibration standards must exhibit a %RSD less than the control limit (15%) or a correlation coefficient greater than 0.99. The compounds analyzed by USEPA SW-846 Method 8260B TIM must exhibit a RRF value greater than the control limit (0.05). The analysis of the target compound 1,4-Dioxane performed by USEPA SW-846 Method 8260C SIM by isotope dilution must exhibit a RRF value greater than the control limit (0.005).

Continuing Calibration Criteria

All target compounds analyzed by USEPA SW-846 Method 8260B associated with the continuing calibration standard must exhibit a percent difference (%D) less than the control limit (20%) with the exception of 1,4-Dioxane must exhibit a %D less than the control limit of (50%). The compounds analyzed by USEPA SW-846 Method 8260B TIM must exhibit a RRF value greater than the control limit (0.05). The analysis of the target compound 1,4-Dioxane performed by USEPA SW-846 Method 8260C SIM by isotope dilution must exhibit a RRF value greater than the control limit (0.005).

Calibration Assessment

Many Target Compound List (TCL) compounds associated with the continuing calibrations exhibited percent deviations (%D) that were greater than the 20% criteria resulting in the qualification of the associated sample results as estimated using a “J” or “UJ” qualifier, as appropriate. A detailed description of the individual qualification of

the data can be found in the SDG Data Reviews included in Attachments 1-9 of this appendix. Below is a summary of the continuing calibrations that exhibited %D greater than the 90% criteria resulting in the qualification of associated sample results as rejected ("R" qualifier). All samples were non-detect prior to rejection.

Sample Locations	Initial/Continuing	Compound	Criteria
MW-124 MW-126 MW-106 MW-112 MW-195 MW-194 MW-193 Dup6 MW-184 MW-183 MW-185 MW-187 MW-186 Dup9 TB-9 TB-8 EB-8 Dup-8 MW-15S MW-15D	CCV %D	Chloroethane	92.7%

1.5 System Monitoring Compounds

All samples to be analyzed for organic compounds are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. VOC analysis requires that all surrogates associated with the analysis exhibit recoveries within the laboratory-established acceptance limits.

Sample locations associated with surrogates exhibiting recoveries outside of the control limits presented in the following table.

Sample Locations	Surrogate	Recovery
MW-26	Toluene-d8	AC
	4-Bromofluorobenzene	> UL
	Dibromofluoromethane	AC
DUP21	Toluene-d8	> UL
	4-Bromofluorobenzene	> UL
	Dibromofluoromethane	> UL
EB-22	Toluene-d8	> UL
	4-Bromofluorobenzene	AC
	Dibromofluoromethane	AC
Dup-24	Toluene-d8	AC
	4-Bromofluorobenzene	> UL
	Dibromofluoromethane	AC
MW-143 MW-140 MW-142 MW-141	Toluene-d8	> UL
	4-Bromofluorobenzene	AC
	Dibromofluoromethane	AC
MW-33	Toluene-d8	> UL
	4-Bromofluorobenzene	AC
	Dibromofluoromethane	AC

Upper control limit (UL)
Acceptable (AC)

The criteria used to evaluate the surrogate recoveries are presented in the following table. In the case of a surrogate deviation, the sample results associated with the deviant fraction are qualified as documented in the table below.

Control Limit	Sample Result	Qualification
> UL	Non-detect	No Action
	Detect	J
< LL but > 10%	Non-detect	J
	Detect	J
< 10%	Non-detect	R
	Detect	J
	Detect	

Lower control limit (LL)

1.6 Internal Standard Performance

Internal standard performance criteria insure that the Gas Chromatography/Mass Spectrometry (GC/MS) sensitivity and response are stable during every sample analysis. The criteria requires the internal standard compounds associated with the VOC exhibit area counts that are not greater than two times (+100%) or less than one-half (-50%) of the area counts of the associated continuing calibration standard. All internal standard areas and retention times were within established limits. Details of internal standard performance are provided in the SDG Data Reviews included in Attachments 1-9 of this appendix.

1.7 Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) Analysis

LCSs/LCSDs were prepared and analyzed by the laboratory to evaluate method performance and analytical accuracy utilizing chemical standards prepared from a source different than the calibration standards in a clean matrix similar to the field samples included in an analytical batch. The LCSs/LCSDs establish control of the method within the laboratory environment from sample preparation through instrument performance without potential bias from field matrices. Percent recoveries were utilized to evaluate and qualify associated field samples based on laboratory established control limits. All LCSs/LCSDs recoveries were within laboratory control limits and acceptable relative percent difference (RPD) between the LCS/LCSD recoveries. Details of LCSs/LCSDs are provided in the SDG Data Reviews included in Attachments 1-9 of this appendix.

1.8 Matrix Spike Samples

Laboratory MS and matrix spike duplicate (MSD) analyses were performed to determine precision and accuracy of the analytical method on site-specific matrix and to demonstrate acceptable compound recovery by the laboratory at the time of sample analysis. Accuracy was evaluated based on the percent recoveries of the spiked compounds. Precision was based on the RPD between the MS and MSD recoveries. The MS/MSD results alone were not used to evaluate the precision and accuracy of data due to a variety of sampling and analytical conditions including heterogeneity of site samples, variability in constituent concentrations, various matrix effects, analytical batching and sample collection conditions. MS/MSD data were used in conjunction with other available QC information to formulate professional judgments and to apply qualification relative to the validity and usability of the analytical results. Laboratory

established control limits, as defined in the method protocols, were utilized to evaluate MS/MSD performance. Data qualification was based on professional judgment and overall compliance with control limits.

Two site-specific sample locations (MW-182 located in SDG 660-20738 and MW-159 located in SDG 660-20784) were selected and evaluated for MS/MSD performance. The MS/MSD performed on site sample locations exhibited acceptable recoveries and RPD between the MS/MSD recoveries. Detailed discussion of the matrix spike evaluation is provided in the data validation reports in the SDG Data Reviews included in Attachments 1-9 of this appendix.

1.9 Field Duplicates

Site-specific precision was also monitored through the collection of field duplicates at the rate of approximately one per twenty field samples. Duplicate samples are defined as samples collected simultaneously from the location under identical conditions. Duplicate aqueous samples were collected by splitting aliquots of sample between sample bottles. Field duplicate analysis is used to assess the precision and accuracy of the field sampling procedures and analytical method. A control limit of 50% for water matrices is applied to the RPD between the parent sample and the field duplicate.

Field duplicate analysis is used to assess the precision and accuracy of the field sampling procedures and analytical method. A control limit of 50% for water matrices is applied to the RPD between the parent sample and the field duplicate.

Field Duplicate Samples			
Sample ID	**Parent Sample**	**Sample Collection Date**	**Sample Delivery Group**
Dup2	MW-132	1/23/2008	660-20738
Dup3	MW-189	1/23/2008	660-20738
Dup4	MW-228	1/23/2008	660-20738
Dup6	MW-153	1/24/2008	660-20784
Dup7	Private Well 84	1/24/2008	660-20784
Dup8	MW-77	1/24/2008	660-20784
Dup9	MW-195	1/24/2008	660-20784
Dup10	MW-99	1/25/2008	660-20815

Field Duplicate Samples			
Sample ID	**Parent Sample**	**Sample Collection Date**	**Sample Delivery Group**
Dup11	MW-23	1/25/2008	660-20815
Dup13	MW-179	1/25/2008	660-20815
Dup14	MW-21	1/28/2008	660-20822
Dup15	MW-135	1/28/2008	660-20822
Dup16	MW-133	1/28/2008	660-20822
Dup17	MW-53	1/28/2008	660-20822
Dup21	MW-248	1/28/2008	660-20822
Dup22	MW-166	1/30/2008	660-20907
Dup23	MW-58	1/30/2008	660-20907
Dup24	MW-232	1/30/2008	660-20907
Dup25	MW-61	1/30/2008	660-20907
Dup31	MW-43	2/1/2008	660-20941
Dup18	MW-247	1/29/2008	660-20857
Dup19	MW-55	1/29/2008	660-20857
Dup20	MW-175	1/29/2008	660-20857
Dup27	MW-46	1/31/2008	660-20926
Dup28	MW-128	1/31/2008	660-20926
Dup29	EW-107	1/31/2008	660-20926
Dup30	MW-237	1/31/2008	660-20926

All field duplicate RPDs for values above the quantitative reporting limits were within the 50% control limit for this sampling event with the exception of the compounds carbon disulfide and 1,4-dioxane for associated sample locations MW-248 and DUP21. The reported results for these associated sample locations were qualified as estimated using a “J” qualifier.

1.10 System Performance

Manual integration was performed on TCL compound 1,4-dioxane and internal standard 1,4-dioxane-d8 associated sample locations found in SDGs/validation reports (660-20738/8094R and 660-20784/8107R). All manual integrations performed by the laboratory were consistent from baseline to baseline of the primary quantitation ion; therefore detected sample results were not qualified. Additionally, non-detect sample

results were reviewed and there was no evidence of a detectable peak of the primary quantitation ion within the retention time window of 1,4-dioxane; therefore all non-detect results were confirmed and are usable as reported.

Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

1.11 Data Quality Assessment Conclusion

All constituents of concern (COC) data associated with the January/February 2008 sampling event are usable for the intended purpose. Overall, the quality control data, as defined in the USEPA SW-846 Method 8260B/8260C and laboratory performance criteria were within the guidelines specified in the method with the exception of those deviations specifically mentioned in this review. Specifically, several non-detected concentrations of chloroethene were qualified as rejected using an "R" qualifier as described in Section 1.4.

2. References

United States Environmental Protection Agency (USEPA), 2005. Organic USEPA National Functional Guidelines. January 2005.

United States Environmental Protection Agency (USEPA), 1999. Organic USEPA National Functional Guidelines. October 1999.

United States Environmental Protection Agency (USEPA), Region II, 2006. USEPA Region II SOP HW-24, revision 2 (October 2006) Validating Volatile Organic Compounds by SW-846 Method 8260B.

ARCADIS

Attachment 1

DATA REVIEW FOR

LOCKHEED MARTIN - TALLEVAST

TALLEVAST, FLORIDA

SDG #660-20738

VOLATILE ANALYSES

Analyses performed by:

TestAmerica Laboratories
Tampa, Florida

Review performed by:

ARCADIS
Infrastructure, environment, facilities

Syracuse, New York
Report #8094R

Summary

The following is an assessment of the data package for sample delivery group (SDG) #660-20738 for sampling from the Lockheed Martin - Tallevast Site. Included with this assessment are the corrected sample results and the sample compliance report. Analyses were performed on the following samples:

Sample ID	Lab ID	Matrix	Sample Date	Analysis				
				VOC	SVOC	PCB	MET	MISC
MW-228	660-20738-1	Water	1/23/2008	X				
MW-154	660-20738-10	Water	1/23/2008	X				
MW-151	660-20738-11	Water	1/23/2008	X				
MW-121	660-20738-12	Water	1/23/2008	X				
MW-172	660-20738-13	Water	1/23/2008	X				
MW-173	660-20738-14	Water	1/23/2008	X				
MW-171	660-20738-15	Water	1/23/2008	X				
MW-90	660-20738-16	Water	1/23/2008	X				
MW-239	660-20738-17	Water	1/23/2008	X				
MW-49	660-20738-18	Water	1/23/2008	X				
MW-66	660-20738-19	Water	1/23/2008	X				
MW-204	660-20738-2	Water	1/23/2008	X				
MW-89	660-20738-20	Water	1/23/2008	X				
MW-17S	660-20738-21	Water	1/23/2008	X				
MW-17D	660-20738-22	Water	1/23/2008	X				
MW-79	660-20738-23	Water	1/23/2008	X				
MW-132	660-20738-24	Water	1/23/2008	X				
MW-188	660-20738-25	Water	1/23/2008	X				
MW-192	660-20738-26	Water	1/23/2008	X				
MW-191	660-20738-27	Water	1/23/2008	X				
MW-189	660-20738-28	Water	1/23/2008	X				
MW-212	660-20738-29	Water	1/23/2008	X				
MW-205	660-20738-3	Water	1/23/2008	X				
MW-208	660-20738-30	Water	1/23/2008	X				
MW-211	660-20738-31	Water	1/23/2008	X				
MW-210	660-20738-32	Water	1/23/2008	X				
MW-209	660-20738-33	Water	1/23/2008	X				
Dup2	660-20738-34	Water	1/23/2008	X				
Dup3	660-20738-35	Water	1/23/2008	X				
Dup4	660-20738-36	Water	1/23/2008	X				
Equipment-2	660-20738-37	Water	1/23/2008	X				
Equipment-3	660-20738-38	Water	1/23/2008	X				
Equipment-5	660-20738-39	Water	1/23/2008	X				
MW-240	660-20738-4	Water	1/23/2008	X				
Trip Blank 2	660-20738-40	Water	1/23/2008	X				
Trip Blank 3	660-20738-41	Water	1/23/2008	X				
Trip Blank 4	660-20738-42	Water	1/23/2008	X				
Trip Blank 5	660-20738-43	Water	1/23/2008	X				

Sample ID	Lab ID	Matrix	Sample Date	Analysis				
				VOC	SVOC	PCB	MET	MISC
MW-152	660-20738-44	Water	1/23/2008	X				
MW-169	660-20738-5	Water	1/23/2008	X				
MW-182	660-20738-6	Water	1/23/2008	X				
MW-167	660-20738-7	Water	1/23/2008	X				
MW-168	660-20738-8	Water	1/23/2008	X				
MW-170	660-20738-9	Water	1/23/2008	X				

Notes:

1. Matrix spike/matrix spike duplicate (MS/MSD) analyses performed on sample location MW-182.
2. Sample location Dup2 is the field duplicate of parent sample location MW-132.
3. Sample location Dup3 is the field duplicate of parent sample location MW-189.
4. Sample location Dup4 is the field duplicate of parent sample location MW-228.

VOLATILE ORGANIC COMPOUND (VOC) ANALYSES

Introduction

Analyses were performed according to (United Stated Environmental Protection Agency) USEPA SW-846 Method 8260B total ion monitoring (TIM) and 8260C selective ion monitoring (SIM) by isotope dilution. Data were reviewed in accordance with USEPA National Functional Guidelines of October 1999 and January 2005.

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with USEPA National Functional Guidelines:

U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

J The compound was positively identified; however, the associated numerical value is an estimated concentration only.

B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.

N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.

JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration only.

E The compound was quantitated above the calibration range.

D Concentration is based on a diluted sample analysis.

C Identification confirmed by gas chromatograph/mass spectrometer (GC/MS).

UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.

R The sample results are rejected.

Two facts should be noted by all data users. First, the "R" flag means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

Data Assessment

1. Holding Times

The specified holding times for the following methods are presented in the following table.

Method	Matrix	Holding Time	Preservation
SW-846 8260B/C	Water	14 days from collection to analysis	Cooled @ 4 °C; preserved to a pH of less than 2.
	Soil	48 hours from collection to extraction and 14 days from extraction to analysis	Cooled @ 4 °C.

All samples were analyzed within the specified holding times.

2. Blank Contamination

Quality assurance (QA) blanks (i.e., method, trip, and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure contamination of samples during shipment. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank (common laboratory contaminant compounds are calculated at ten times) is calculated for QA blanks containing concentrations greater than the method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

Target compounds were detected in the associated QA blanks. Sample results associated with blank contamination that were greater than the BAL and/or non-detect did not result in any qualification of data. Sample results less than the BAL associated with the following sample locations were qualified as listed in the following table.

Sample Locations	Analytes	Sample Result	Qualification
MW-192 MW-211	Toluene	Detected sample results <RL and <BAL	"U" at the PQL

RL = reporting limit

3. Mass Spectrometer Tuning

Mass spectrometer performance was acceptable.

System performance and column resolution were acceptable.

4. Calibration

Satisfactory instrument calibration is established to insure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of

acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument daily performance is satisfactory.

4.1 Initial Calibration

The method specifies percent relative standard deviation (%RSD) and relative response factor (RRF) limits for select compounds only. A technical review of the data applies limits to all compounds with no exceptions.

All target compounds analyzed by 8260B associated with the initial calibration standards must exhibit a %RSD less than the control limit (15%) or a correlation coefficient greater than 0.99. The compounds analyzed by method 8260B TIM must exhibit a RRF value greater than the control limit (0.05). The analysis of the target compound 1,4-Dioxane performed by method 8260C SIM by isotope dilution must exhibit a RRF value greater than the control limit (0.005).

4.2 Continuing Calibration

All target compounds analyzed by 8260B associated with the continuing calibration standard must exhibit a percent difference (%D) less then the control limit (20%) with the exception of 1,4-Dioxane must exhibit a %D less than the control limit of (50%). The compounds analyzed by method 8260B TIM must exhibit a RRF value greater than the control limit (0.05). The analysis of the target compound 1,4-Dioxane performed by method 8260C SIM by isotope dilution must exhibit a RRF value greater than the control limit (0.005).

All compounds associated with the calibrations were within the specified control limits, with the exception of the compounds presented in the following table.

Sample Locations	Initial/Continuing	Compound	Criteria
MW-170 MW-79 MW-132 MW-212 MW-208 MW-211 MW-210 MW-209 Dup2 Dup3 Dup4 Equipment-2 Equipment-3 Equipment-5 Trip Blank 2 Trip Blank 3 Trip Blank 4 Trip Blank 5 MW-152	CCV %D	Methyl tert-butyl ether	-20.3%

The criteria used to evaluate the initial and continuing calibration are presented in the following table. In the case of a calibration deviation, the sample results are qualified.

Initial/Continuing	Criteria	Sample Result	Qualification
Initial and Continuing	RRF <0.05	Non-detect	R
		Detect	J

Initial/Continuing	Criteria	Sample Result	Qualification
Calibration	RRF <0.01[1]	Non-detect	R
		Detect	J
	RRF >0.05 or RRF >0.01[1]	Non-detect	No Action
		Detect	
Initial Calibration	%RSD > 15% or a correlation coefficient <0.99	Non-detect	UJ
		Detect	J
Continuing Calibration	%D >20% (increase in sensitivity)	Non-detect	No Action
		Detect	J
	%D >20% (decrease in sensitivity)	Non-detect	UJ
		Detect	J
	%D >90%	Non-detect	R
		Detect	J

1. RRF of 0.01 only applies to compounds which are typically poor responding compounds (i.e. ketones, 1,4-Dioxane, etc.)

5. Surrogates/System Monitoring Compounds

All samples to be analyzed for organic compounds are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. VOC analysis requires that all surrogates associated with the analysis exhibit recoveries within the laboratory-established acceptance limits.

All surrogate recoveries were within control limits.

6. Internal Standard Performance

Internal standard performance criteria insure that the GC/MS sensitivity and response are stable during every sample analysis. The criteria requires the internal standard compounds associated with the VOC exhibit area counts that are not greater than two times (+100%) or less than one-half (-50%) of the area counts of the associated continuing calibration standard.

All internal standard areas and retention times were within established limits.

7. Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analysis

MS/MSD data are used to assess the precision and accuracy of the analytical method. The compounds used to perform the MS/MSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits. The relative percent difference (RPD) between the MS/MSD recoveries must exhibit an RPD within the laboratory-established acceptance limits.

> Note: The MS/MSD recovery control limits do not apply for MS/MSD performed on sample locations were the compound concentration detected in the parent sample exceeds the MS/MSD concentration by a factor of four or greater.

The MS/MSD exhibited acceptable recoveries and RPD between the MS/MSD recoveries.

8. Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) Analysis

The LCS/LCSD analysis is used to assess the precision and accuracy of the analytical method independent of matrix interferences. The compounds associated with the LCS/LCSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits.

All compounds associated with the LCS/LCSD analysis exhibited acceptable recoveries and RPD between the LCS/LCSD recoveries.

9. Field Duplicate Analysis

Field duplicate analysis is used to assess the precision and accuracy of the field sampling procedures and analytical method. A control limit of 50% for water matrices is applied to the RPD between the parent sample and the field duplicate.

Results for duplicate samples are summarized in the following table.

Sample ID/Duplicate ID	Compound	Sample Result	Duplicate Result	RPD
MW-132/Dup2	1,1-Dichloroethene	2.6	0.9 I	AC
	Trichloroethene	3.7	1.7	AC
	1,4-Dioxane (SIM ID)	2.8	2.1	AC
MW-189/Dup3	All Compounds	ND	ND	AC
MW-228/Dup4	All Compounds	ND	ND	AC

NC = Not compliant.
ND = Not detected.
AC = The field duplicate RPD is acceptable when the RPD between parent sample and field duplicate sample is less than one times the RL and where the parent sample and/or duplicate concentration is less than five times the RL.

The calculated RPDs between the parent sample and field duplicate were acceptable.

10. Compound Identification

Compounds are identified on the GC/MS by using the analytes relative retention time and ion spectra.

All identified compounds met the specified criteria.

11. System Performance and Overall Assessment

Manual integration was performed on TCL compound 1,4-Dioxane and internal standard 1,4-Dioxane-d8 for associated sample locations found within this SDG. All manual integrations performed by the laboratory were consistent from baseline to baseline of the primary quantitation ion; therefore detected sample results were not qualified.

Additionally, non-detect sample results were reviewed and there is no detected peak of the primary quantitation ion within the retention time window of 1,4-Dioxane; therefore all non-detect results were confirmed and are usable as reported.

Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

CORRECTED SAMPLE ANALYSIS DATA SHEETS

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **MW-228**

Lab Sample ID: 660-20738-1
Client Matrix: Water

Date Sampled: 01/23/2008 0948
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/25/2008 2052
Date Prepared: 01/25/2008 2052

Analysis Batch: 660-56731

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2527.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **MW-228**

Lab Sample ID: 660-20738-1
Client Matrix: Water

Date Sampled: 01/23/2008 0948
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/25/2008 2052
Date Prepared: 01/25/2008 2052

Analysis Batch: 660-56731

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2527.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	104	77 - 122
4-Bromofluorobenzene	96	74 - 126
Dibromofluoromethane	101	70 - 130

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: MW-204

Lab Sample ID: 660-20738-2
Client Matrix: Water

Date Sampled: 01/23/2008 1040
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/25/2008 2114
Date Prepared: 01/25/2008 2114

Analysis Batch: 660-56731

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2528.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: MW-204

Lab Sample ID: 660-20738-2
Client Matrix: Water

Date Sampled: 01/23/2008 1040
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/25/2008 2114
Date Prepared: 01/25/2008 2114

Analysis Batch: 660-56731

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2528.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	101	77 - 122
4-Bromofluorobenzene	93	74 - 126
Dibromofluoromethane	99	70 - 130

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **MW-205**

Lab Sample ID: 660-20738-3
Client Matrix: Water

Date Sampled: 01/23/2008 1044
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/25/2008 2136
Date Prepared: 01/25/2008 2136

Analysis Batch: 660-56731

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2529.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **MW-205**

Lab Sample ID: 660-20738-3
Client Matrix: Water

Date Sampled: 01/23/2008 1044
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/25/2008 2136
Date Prepared: 01/25/2008 2136

Analysis Batch: 660-56731

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2529.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	108	77 - 122
4-Bromofluorobenzene	99	74 - 126
Dibromofluoromethane	107	70 - 130

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: MW-240

Lab Sample ID: 660-20738-4
Client Matrix: Water

Date Sampled: 01/23/2008 1422
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/25/2008 2159
Date Prepared: 01/25/2008 2159

Analysis Batch: 660-56731

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2530.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: MW-240

Lab Sample ID: 660-20738-4
Client Matrix: Water

Date Sampled: 01/23/2008 1422
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/25/2008 2159
Date Prepared: 01/25/2008 2159

Analysis Batch: 660-56731

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2530.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	113	77 - 122
4-Bromofluorobenzene	103	74 - 126
Dibromofluoromethane	111	70 - 130

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **MW-169**

Lab Sample ID: 660-20738-5
Client Matrix: Water

Date Sampled: 01/23/2008 1515
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/25/2008 2221
Date Prepared: 01/25/2008 2221

Analysis Batch: 660-56731

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2531.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: MW-169

Lab Sample ID: 660-20738-5
Client Matrix: Water

Date Sampled: 01/23/2008 1515
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/25/2008 2221
Date Prepared: 01/25/2008 2221

Analysis Batch: 660-56731

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2531.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	28		9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	117	77 - 122
4-Bromofluorobenzene	108	74 - 126
Dibromofluoromethane	117	70 - 130

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: MW-182

Lab Sample ID: 660-20738-6
Client Matrix: Water

Date Sampled: 01/23/2008 1515
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/25/2008 2243
Date Prepared: 01/25/2008 2243

Analysis Batch: 660-56731

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2532.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: MW-182

Lab Sample ID: 660-20738-6
Client Matrix: Water

Date Sampled: 01/23/2008 1515
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/25/2008 2243
Date Prepared: 01/25/2008 2243

Analysis Batch: 660-56731

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2532.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	111	77 - 122
4-Bromofluorobenzene	101	74 - 126
Dibromofluoromethane	110	70 - 130

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: MW-167

Lab Sample ID: 660-20738-7
Client Matrix: Water

Date Sampled: 01/23/2008 1600
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/25/2008 2305
Date Prepared: 01/25/2008 2305

Analysis Batch: 660-56731

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2533.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: MW-167

Lab Sample ID: 660-20738-7
Client Matrix: Water

Date Sampled: 01/23/2008 1600
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/25/2008 2305
Date Prepared: 01/25/2008 2305

Analysis Batch: 660-56731

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2533.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	117	77 - 122
4-Bromofluorobenzene	107	74 - 126
Dibromofluoromethane	121	70 - 130

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: MW-168

Lab Sample ID: 660-20738-8
Client Matrix: Water

Date Sampled: 01/23/2008 1647
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/25/2008 2328
Date Prepared: 01/25/2008 2328

Analysis Batch: 660-56731

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2534.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: MW-168

Lab Sample ID: 660-20738-8
Client Matrix: Water

Date Sampled: 01/23/2008 1647
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/25/2008 2328
Date Prepared: 01/25/2008 2328

Analysis Batch: 660-56731

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2534.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	110	77 - 122
4-Bromofluorobenzene	101	74 - 126
Dibromofluoromethane	109	70 - 130

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **MW-170**

Lab Sample ID: 660-20738-9
Client Matrix: Water

Date Sampled: 01/23/2008 1705
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 1528
Date Prepared: 01/26/2008 1528

Analysis Batch: 660-56869

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2612.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: MW-170

Lab Sample ID: 660-20738-9
Client Matrix: Water

Date Sampled: 01/23/2008 1705
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 1528
Date Prepared: 01/26/2008 1528

Analysis Batch: 660-56869

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2612.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U J	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	102	77 - 122
4-Bromofluorobenzene	93	74 - 126
Dibromofluoromethane	103	70 - 130

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: MW-154

Lab Sample ID: 660-20738-10
Client Matrix: Water

Date Sampled: 01/23/2008 1000
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 0416
Date Prepared: 01/26/2008 0416

Analysis Batch: 660-56734

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2547.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: MW-154

Lab Sample ID: 660-20738-10
Client Matrix: Water

Date Sampled: 01/23/2008 1000
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 0416
Date Prepared: 01/26/2008 0416

Analysis Batch: 660-56734

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2547.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	113	77 - 122
4-Bromofluorobenzene	103	74 - 126
Dibromofluoromethane	114	70 - 130

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: MW-151

Lab Sample ID: 660-20738-11
Client Matrix: Water

Date Sampled: 01/23/2008 1050
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 0439
Date Prepared: 01/26/2008 0439

Analysis Batch: 660-56734

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2548.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: MW-151

Lab Sample ID: 660-20738-11
Client Matrix: Water

Date Sampled: 01/23/2008 1050
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 0439
Date Prepared: 01/26/2008 0439

Analysis Batch: 660-56734

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2548.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	89	77 - 122
4-Bromofluorobenzene	81	74 - 126
Dibromofluoromethane	92	70 - 130

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: MW-121

Lab Sample ID: 660-20738-12
Client Matrix: Water

Date Sampled: 01/23/2008 1615
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 0501
Date Prepared: 01/26/2008 0501

Analysis Batch: 660-56734

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2549.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: MW-121

Lab Sample ID: 660-20738-12
Client Matrix: Water

Date Sampled: 01/23/2008 1615
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 0501
Date Prepared: 01/26/2008 0501

Analysis Batch: 660-56734

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2549.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	12	I	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	98	77 - 122
4-Bromofluorobenzene	89	74 - 126
Dibromofluoromethane	98	70 - 130

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: MW-172

Lab Sample ID: 660-20738-13
Client Matrix: Water

Date Sampled: 01/23/2008 1510
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 0523
Date Prepared: 01/26/2008 0523

Analysis Batch: 660-56734

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2550.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: MW-172

Lab Sample ID: 660-20738-13
Client Matrix: Water

Date Sampled: 01/23/2008 1510
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 0523
Date Prepared: 01/26/2008 0523

Analysis Batch: 660-56734

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2550.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	115	77 - 122
4-Bromofluorobenzene	99	74 - 126
Dibromofluoromethane	113	70 - 130

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: MW-173

Lab Sample ID: 660-20738-14
Client Matrix: Water

Date Sampled: 01/23/2008 1552
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 0545
Date Prepared: 01/26/2008 0545

Analysis Batch: 660-56734

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2551.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: MW-173

Lab Sample ID: 660-20738-14
Client Matrix: Water

Date Sampled: 01/23/2008 1552
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 0545
Date Prepared: 01/26/2008 0545

Analysis Batch: 660-56734

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2551.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	114	77 - 122
4-Bromofluorobenzene	99	74 - 126
Dibromofluoromethane	113	70 - 130

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: MW-171

Lab Sample ID: 660-20738-15
Client Matrix: Water

Date Sampled: 01/23/2008 1433
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 0607
Date Prepared: 01/26/2008 0607

Analysis Batch: 660-56734

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2552.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: MW-171

Lab Sample ID: 660-20738-15
Client Matrix: Water

Date Sampled: 01/23/2008 1433
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 0607
Date Prepared: 01/26/2008 0607

Analysis Batch: 660-56734

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2552.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	108	77 - 122
4-Bromofluorobenzene	96	74 - 126
Dibromofluoromethane	111	70 - 130

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **MW-90**

Lab Sample ID: 660-20738-16
Client Matrix: Water

Date Sampled: 01/23/2008 1002
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 0630
Date Prepared: 01/26/2008 0630

Analysis Batch: 660-56734

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2553.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: MW-90

Lab Sample ID: 660-20738-16
Client Matrix: Water

Date Sampled: 01/23/2008 1002
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 0630
Date Prepared: 01/26/2008 0630

Analysis Batch: 660-56734

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2553.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	109	77 - 122
4-Bromofluorobenzene	95	74 - 126
Dibromofluoromethane	106	70 - 130

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: MW-239

Lab Sample ID: 660-20738-17
Client Matrix: Water

Date Sampled: 01/23/2008 1120
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 0652
Date Prepared: 01/26/2008 0652

Analysis Batch: 660-56734

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2554.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	2.1		0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Client Sample ID: **MW-239**

Lab Sample ID: 660-20738-17
Client Matrix: Water

Date Sampled: 01/23/2008 1120
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 0652
Date Prepared: 01/26/2008 0652

Analysis Batch: 660-56734

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2554.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	2.9		0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	110	77 - 122
4-Bromofluorobenzene	97	74 - 126
Dibromofluoromethane	109	70 - 130

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: MW-49

Lab Sample ID: 660-20738-18
Client Matrix: Water

Date Sampled: 01/23/2008 1141
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 0714
Date Prepared: 01/26/2008 0714

Analysis Batch: 660-56734

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2555.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **MW-49**

Lab Sample ID: 660-20738-18
Client Matrix: Water

Date Sampled: 01/23/2008 1141
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 0714
Date Prepared: 01/26/2008 0714

Analysis Batch: 660-56734

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2555.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	110	77 - 122
4-Bromofluorobenzene	94	74 - 126
Dibromofluoromethane	111	70 - 130

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: MW-66

Lab Sample ID: 660-20738-19
Client Matrix: Water

Date Sampled: 01/23/2008 1415
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 0736
Date Prepared: 01/26/2008 0736

Analysis Batch: 660-56734

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2556.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **MW-66**

Lab Sample ID: 660-20738-19
Client Matrix: Water

Date Sampled: 01/23/2008 1415
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 0736
Date Prepared: 01/26/2008 0736

Analysis Batch: 660-56734

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2556.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	120	77 - 122
4-Bromofluorobenzene	101	74 - 126
Dibromofluoromethane	116	70 - 130

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **MW-89**

Lab Sample ID: 660-20738-20
Client Matrix: Water

Date Sampled: 01/23/2008 1417
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 0758
Date Prepared: 01/26/2008 0758

Analysis Batch: 660-56734

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2557.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **MW-89**

Lab Sample ID: 660-20738-20
Client Matrix: Water

Date Sampled: 01/23/2008 1417
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 0758
Date Prepared: 01/26/2008 0758

Analysis Batch: 660-56734

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2557.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	108	77 - 122
4-Bromofluorobenzene	97	74 - 126
Dibromofluoromethane	107	70 - 130

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **MW-17S**

Lab Sample ID: 660-20738-21
Client Matrix: Water

Date Sampled: 01/23/2008 1454
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 0821
Date Prepared: 01/26/2008 0821

Analysis Batch: 660-56734

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2558.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **MW-17S**

Lab Sample ID: 660-20738-21
Client Matrix: Water

Date Sampled: 01/23/2008 1454
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 0821
Date Prepared: 01/26/2008 0821

Analysis Batch: 660-56734

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2558.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	105	77 - 122
4-Bromofluorobenzene	93	74 - 126
Dibromofluoromethane	104	70 - 130

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **MW-17D**

Lab Sample ID: 660-20738-22
Client Matrix: Water

Date Sampled: 01/23/2008 1455
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 0843
Date Prepared: 01/26/2008 0843

Analysis Batch: 660-56734

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2559.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **MW-17D**

Lab Sample ID: 660-20738-22
Client Matrix: Water

Date Sampled: 01/23/2008 1455
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 0843
Date Prepared: 01/26/2008 0843

Analysis Batch: 660-56734

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2559.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	114	77 - 122
4-Bromofluorobenzene	99	74 - 126
Dibromofluoromethane	113	70 - 130

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **MW-79**

Lab Sample ID: 660-20738-23
Client Matrix: Water

Date Sampled: 01/23/2008 1534
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 1550
Date Prepared: 01/26/2008 1550

Analysis Batch: 660-56869

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2613.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	4.0		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	14		0.45	1.0
cis-1,2-Dichloroethene	140		0.65	1.0
trans-1,2-Dichloroethene	3.8		0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Client: ARCADIS

Analytical Data

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **MW-79**

Lab Sample ID: 660-20738-23
Client Matrix: Water

Date Sampled: 01/23/2008 1534
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 1550
Date Prepared: 01/26/2008 1550

Analysis Batch: 660-56869

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2613.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	100		0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U J	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	94	77 - 122
4-Bromofluorobenzene	87	74 - 126
Dibromofluoromethane	94	70 - 130

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: MW-132

Lab Sample ID: 660-20738-24
Client Matrix: Water

Date Sampled: 01/23/2008 1540
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 1613
Date Prepared: 01/26/2008 1613

Analysis Batch: 660-56869

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2614.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	2.6		0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: MW-132

Lab Sample ID: 660-20738-24
Client Matrix: Water

Date Sampled: 01/23/2008 1540
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 1613
Date Prepared: 01/26/2008 1613

Analysis Batch: 660-56869

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2614.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	3.7		0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U J	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	110	77 - 122
4-Bromofluorobenzene	101	74 - 126
Dibromofluoromethane	115	70 - 130

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: MW-188

Lab Sample ID: 660-20738-25
Client Matrix: Water

Date Sampled: 01/23/2008 1100
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 0949
Date Prepared: 01/26/2008 0949

Analysis Batch: 660-56734

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2562.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: MW-188

Lab Sample ID: 660-20738-25
Client Matrix: Water

Date Sampled: 01/23/2008 1100
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 0949
Date Prepared: 01/26/2008 0949

Analysis Batch: 660-56734

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2562.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	115	77 - 122
4-Bromofluorobenzene	100	74 - 126
Dibromofluoromethane	110	70 - 130

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **MW-192**

Lab Sample ID: 660-20738-26
Client Matrix: Water

Date Sampled: 01/23/2008 1205
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 0052
Date Prepared: 01/30/2008 0052

Analysis Batch: 660-56874

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2929.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: MW-192

Lab Sample ID: 660-20738-26
Client Matrix: Water

Date Sampled: 01/23/2008 1205
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 0052
Date Prepared: 01/30/2008 0052

Analysis Batch: 660-56874

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2929.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	~~0.81~~ 1.0	~~J~~ U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	12	I	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	43		0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	101	77 - 122
4-Bromofluorobenzene	93	74 - 126
Dibromofluoromethane	100	70 - 130

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: MW-191

Lab Sample ID: 660-20738-27
Client Matrix: Water

Date Sampled: 01/23/2008 1150
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 1034
Date Prepared: 01/26/2008 1034

Analysis Batch: 660-56734

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2564.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **MW-191**

Lab Sample ID: 660-20738-27
Client Matrix: Water

Date Sampled: 01/23/2008 1150
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 1034
Date Prepared: 01/26/2008 1034

Analysis Batch: 660-56734

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2564.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.89	I	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	105	77 - 122
4-Bromofluorobenzene	92	74 - 126
Dibromofluoromethane	110	70 - 130

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: MW-189

Lab Sample ID: 660-20738-28
Client Matrix: Water

Date Sampled: 01/23/2008 1055
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 1056
Date Prepared: 01/26/2008 1056

Analysis Batch: 660-56734

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2565.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: MW-189

Lab Sample ID: 660-20738-28
Client Matrix: Water

Date Sampled: 01/23/2008 1055
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 1056
Date Prepared: 01/26/2008 1056

Analysis Batch: 660-56734

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2565.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	113	77 - 122
4-Bromofluorobenzene	100	74 - 126
Dibromofluoromethane	120	70 - 130

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: MW-212

Lab Sample ID: 660-20738-29
Client Matrix: Water

Date Sampled: 01/23/2008 1520
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 1635
Date Prepared: 01/26/2008 1635

Analysis Batch: 660-56869

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2615.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: MW-212

Lab Sample ID: 660-20738-29
Client Matrix: Water

Date Sampled: 01/23/2008 1520
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 1635
Date Prepared: 01/26/2008 1635

Analysis Batch: 660-56869

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2615.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	2.0		0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	110	77 - 122
4-Bromofluorobenzene	98	74 - 126
Dibromofluoromethane	110	70 - 130

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: MW-208

Lab Sample ID: 660-20738-30
Client Matrix: Water

Date Sampled: 01/23/2008 1440
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 0114
Date Prepared: 01/30/2008 0114

Analysis Batch: 660-56874

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2930.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	11		0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **MW-208**

Lab Sample ID: 660-20738-30
Client Matrix: Water

Date Sampled: 01/23/2008 1440
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 0114
Date Prepared: 01/30/2008 0114

Analysis Batch: 660-56874

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2930.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	116	77 - 122
4-Bromofluorobenzene	109	74 - 126
Dibromofluoromethane	115	70 - 130

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: MW-211

Lab Sample ID: 660-20738-31
Client Matrix: Water

Date Sampled: 01/23/2008 1550
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 1719
Date Prepared: 01/26/2008 1719

Analysis Batch: 660-56869

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2617.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.64	I	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.64	I	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	1.1		0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: MW-211

Lab Sample ID: 660-20738-31
Client Matrix: Water

Date Sampled: 01/23/2008 1550
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 1719
Date Prepared: 01/26/2008 1719

Analysis Batch: 660-56869

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2617.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	~~0.93~~ 1.0	+ U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.53	I	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	16		0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U J	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	113	77 - 122
4-Bromofluorobenzene	100	74 - 126
Dibromofluoromethane	114	70 - 130

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: MW-210

Lab Sample ID: 660-20738-32
Client Matrix: Water

Date Sampled: 01/23/2008 1610
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 1742
Date Prepared: 01/26/2008 1742

Analysis Batch: 660-56869

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2618.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: MW-210

Lab Sample ID: 660-20738-32
Client Matrix: Water

Date Sampled: 01/23/2008 1610
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 1742
Date Prepared: 01/26/2008 1742

Analysis Batch: 660-56869

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2618.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U J	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	116	77 - 122
4-Bromofluorobenzene	100	74 - 126
Dibromofluoromethane	112	70 - 130

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: MW-209

Lab Sample ID: 660-20738-33
Client Matrix: Water

Date Sampled: 01/23/2008 1445
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 1804
Date Prepared: 01/26/2008 1804

Analysis Batch: 660-56869

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2619.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: MW-209

Lab Sample ID: 660-20738-33
Client Matrix: Water

Date Sampled: 01/23/2008 1445
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 1804
Date Prepared: 01/26/2008 1804

Analysis Batch: 660-56869

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2619.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	112	77 - 122
4-Bromofluorobenzene	101	74 - 126
Dibromofluoromethane	112	70 - 130

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **Dup2**

Lab Sample ID: 660-20738-34
Client Matrix: Water

Date Sampled: 01/23/2008 0000
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 1826
Date Prepared: 01/26/2008 1826

Analysis Batch: 660-56869

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2620.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.90	I	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **Dup2**

Lab Sample ID: 660-20738-34
Client Matrix: Water

Date Sampled: 01/23/2008 0000
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 1826
Date Prepared: 01/26/2008 1826

Analysis Batch: 660-56869

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2620.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	1.7		0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	114	77 - 122
4-Bromofluorobenzene	99	74 - 126
Dibromofluoromethane	116	70 - 130

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: Dup3

Lab Sample ID: 660-20738-35
Client Matrix: Water

Date Sampled: 01/23/2008 0000
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 1849
Date Prepared: 01/26/2008 1849

Analysis Batch: 660-56869

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2621.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: Dup3

Lab Sample ID: 660-20738-35
Client Matrix: Water

Date Sampled: 01/23/2008 0000
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 1849
Date Prepared: 01/26/2008 1849

Analysis Batch: 660-56869

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2621.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	108	77 - 122
4-Bromofluorobenzene	98	74 - 126
Dibromofluoromethane	115	70 - 130

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: Dup4

Lab Sample ID: 660-20738-36
Client Matrix: Water

Date Sampled: 01/23/2008 0000
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 1911
Date Prepared: 01/26/2008 1911

Analysis Batch: 660-56869

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2622.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: Dup4

Lab Sample ID: 660-20738-36
Client Matrix: Water

Date Sampled: 01/23/2008 0000
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 1911
Date Prepared: 01/26/2008 1911

Analysis Batch: 660-56869

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2622.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	116	77 - 122
4-Bromofluorobenzene	103	74 - 126
Dibromofluoromethane	120	70 - 130

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **Equipment-2**

Lab Sample ID: 660-20738-37
Client Matrix: Water

Date Sampled: 01/23/2008 1600
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 1933
Date Prepared: 01/26/2008 1933

Analysis Batch: 660-56869

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2623.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **Equipment-2**

Lab Sample ID: 660-20738-37
Client Matrix: Water

Date Sampled: 01/23/2008 1600
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 1933
Date Prepared: 01/26/2008 1933

Analysis Batch: 660-56869

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2623.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.87	I	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	111	77 - 122
4-Bromofluorobenzene	98	74 - 126
Dibromofluoromethane	110	70 - 130

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **Equipment-3**

Lab Sample ID: 660-20738-38
Client Matrix: Water

Date Sampled: 01/23/2008 1630
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 1955
Date Prepared: 01/26/2008 1955

Analysis Batch: 660-56869

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2624.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **Equipment-3**

Lab Sample ID: 660-20738-38
Client Matrix: Water

Date Sampled: 01/23/2008 1630
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 1955
Date Prepared: 01/26/2008 1955

Analysis Batch: 660-56869

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2624.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.99	I	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	121	77 - 122
4-Bromofluorobenzene	106	74 - 126
Dibromofluoromethane	119	70 - 130

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **Equipment-5**

Lab Sample ID: 660-20738-39
Client Matrix: Water

Date Sampled: 01/23/2008 0000
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 2018
Date Prepared: 01/26/2008 2018

Analysis Batch: 660-56869

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2625.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: Equipment-5

Lab Sample ID: 660-20738-39
Client Matrix: Water

Date Sampled: 01/23/2008 0000
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 2018
Date Prepared: 01/26/2008 2018

Analysis Batch: 660-56869

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2625.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.98	I	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	97	77 - 122
4-Bromofluorobenzene	84	74 - 126
Dibromofluoromethane	94	70 - 130

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **Trip Blank 2**

Lab Sample ID: 660-20738-40
Client Matrix: Water

Date Sampled: 01/23/2008 0000
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 2040
Date Prepared: 01/26/2008 2040

Analysis Batch: 660-56869

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2626.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: Trip Blank 2

Lab Sample ID: 660-20738-40
Client Matrix: Water

Date Sampled: 01/23/2008 0000
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 2040
Date Prepared: 01/26/2008 2040

Analysis Batch: 660-56869

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2626.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	118	77 - 122
4-Bromofluorobenzene	102	74 - 126
Dibromofluoromethane	117	70 - 130

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **Trip Blank 3**

Lab Sample ID: 660-20738-41
Client Matrix: Water

Date Sampled: 01/23/2008 0000
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 2102
Date Prepared: 01/26/2008 2102

Analysis Batch: 660-56869

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2627.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: Trip Blank 3

Lab Sample ID: 660-20738-41
Client Matrix: Water

Date Sampled: 01/23/2008 0000
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 2102
Date Prepared: 01/26/2008 2102

Analysis Batch: 660-56869

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2627.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	108	77 - 122
4-Bromofluorobenzene	93	74 - 126
Dibromofluoromethane	110	70 - 130

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **Trip Blank 4**

Lab Sample ID: 660-20738-42
Client Matrix: Water

Date Sampled: 01/23/2008 0000
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 2125
Date Prepared: 01/26/2008 2125

Analysis Batch: 660-56869

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2628.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **Trip Blank 4**

Lab Sample ID: 660-20738-42
Client Matrix: Water

Date Sampled: 01/23/2008 0000
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 2125
Date Prepared: 01/26/2008 2125

Analysis Batch: 660-56869

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2628.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	122	77 - 122
4-Bromofluorobenzene	100	74 - 126
Dibromofluoromethane	117	70 - 130

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **Trip Blank 5**

Lab Sample ID: 660-20738-43
Client Matrix: Water

Date Sampled: 01/23/2008 0000
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 2147
Date Prepared: 01/26/2008 2147

Analysis Batch: 660-56869

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2629.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: Trip Blank 5

Lab Sample ID: 660-20738-43
Client Matrix: Water

Date Sampled: 01/23/2008 0000
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 2147
Date Prepared: 01/26/2008 2147

Analysis Batch: 660-56869

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2629.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	115	77 - 122
4-Bromofluorobenzene	97	74 - 126
Dibromofluoromethane	105	70 - 130

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **MW-152**

Lab Sample ID: 660-20738-44
Client Matrix: Water

Date Sampled: 01/23/2008 1044
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 2209
Date Prepared: 01/26/2008 2209

Analysis Batch: 660-56869

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2630.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: MW-152

Lab Sample ID: 660-20738-44
Client Matrix: Water

Date Sampled: 01/23/2008 1044
Date Received: 01/24/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 2209
Date Prepared: 01/26/2008 2209

Analysis Batch: 660-56869

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2630.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	107	77 - 122
4-Bromofluorobenzene	95	74 - 126
Dibromofluoromethane	109	70 - 130

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **MW-228**

Lab Sample ID: 660-20738-1
Client Matrix: Water

Date Sampled: 01/23/2008 0948
Date Received: 01/24/2008 0945

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/25/2008 2052
Date Prepared: 01/25/2008 2052

Analysis Batch: 660-56754

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2527.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: MW-204

Lab Sample ID: 660-20738-2
Client Matrix: Water

Date Sampled: 01/23/2008 1040
Date Received: 01/24/2008 0945

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/25/2008 2114
Date Prepared: 01/25/2008 2114

Analysis Batch: 660-56754

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2528.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **MW-205**

Lab Sample ID: 660-20738-3
Client Matrix: Water

Date Sampled: 01/23/2008 1044
Date Received: 01/24/2008 0945

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/25/2008 2136
Date Prepared: 01/25/2008 2136

Analysis Batch: 660-56754

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2529.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: MW-240

Lab Sample ID: 660-20738-4
Client Matrix: Water

Date Sampled: 01/23/2008 1422
Date Received: 01/24/2008 0945

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/25/2008 2159
Date Prepared: 01/25/2008 2159

Analysis Batch: 660-56754

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2530.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **MW-169**

Lab Sample ID: 660-20738-5
Client Matrix: Water

Date Sampled: 01/23/2008 1515
Date Received: 01/24/2008 0945

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/25/2008 2221
Date Prepared: 01/25/2008 2221

Analysis Batch: 660-56754

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2531.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **MW-182**

Lab Sample ID: 660-20738-6
Client Matrix: Water

Date Sampled: 01/23/2008 1515
Date Received: 01/24/2008 0945

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/25/2008 2243
Date Prepared: 01/25/2008 2243

Analysis Batch: 660-56754

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2532.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **MW-167**

Lab Sample ID: 660-20738-7
Client Matrix: Water

Date Sampled: 01/23/2008 1600
Date Received: 01/24/2008 0945

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/25/2008 2305
Date Prepared: 01/25/2008 2305

Analysis Batch: 660-56754

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2533.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **MW-168**

Lab Sample ID: 660-20738-8
Client Matrix: Water

Date Sampled: 01/23/2008 1647
Date Received: 01/24/2008 0945

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/25/2008 2328
Date Prepared: 01/25/2008 2328

Analysis Batch: 660-56754

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2534.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **MW-170**

Lab Sample ID: 660-20738-9
Client Matrix: Water

Date Sampled: 01/23/2008 1705
Date Received: 01/24/2008 0945

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 1528
Date Prepared: 01/26/2008 1528

Analysis Batch: 660-56870

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2612.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **MW-154**

Lab Sample ID: 660-20738-10
Client Matrix: Water

Date Sampled: 01/23/2008 1000
Date Received: 01/24/2008 0945

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 0416
Date Prepared: 01/26/2008 0416

Analysis Batch: 660-56755

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2547.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **MW-151**

Lab Sample ID: 660-20738-11
Client Matrix: Water

Date Sampled: 01/23/2008 1050
Date Received: 01/24/2008 0945

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 0439
Date Prepared: 01/26/2008 0439

Analysis Batch: 660-56755

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2548.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	2.8		1.0	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **MW-121**

Lab Sample ID: 660-20738-12
Client Matrix: Water

Date Sampled: 01/23/2008 1615
Date Received: 01/24/2008 0945

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 0501
Date Prepared: 01/26/2008 0501

Analysis Batch: 660-56755

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2549.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: MW-172

Lab Sample ID: 660-20738-13
Client Matrix: Water

Date Sampled: 01/23/2008 1510
Date Received: 01/24/2008 0945

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 0523
Date Prepared: 01/26/2008 0523

Analysis Batch: 660-56755

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2550.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **MW-173**

Lab Sample ID: 660-20738-14
Client Matrix: Water

Date Sampled: 01/23/2008 1552
Date Received: 01/24/2008 0945

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 0545
Date Prepared: 01/26/2008 0545

Analysis Batch: 660-56755

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2551.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **MW-171**

Lab Sample ID: 660-20738-15
Client Matrix: Water

Date Sampled: 01/23/2008 1433
Date Received: 01/24/2008 0945

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 0607
Date Prepared: 01/26/2008 0607

Analysis Batch: 660-56755

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2552.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **MW-90**

Lab Sample ID: 660-20738-16
Client Matrix: Water

Date Sampled: 01/23/2008 1002
Date Received: 01/24/2008 0945

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 0630
Date Prepared: 01/26/2008 0630

Analysis Batch: 660-56755

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2553.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **MW-239**

Lab Sample ID: 660-20738-17
Client Matrix: Water

Date Sampled: 01/23/2008 1120
Date Received: 01/24/2008 0945

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 0652
Date Prepared: 01/26/2008 0652

Analysis Batch: 660-56755

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2554.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	6.7		1.0	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **MW-49**

Lab Sample ID: 660-20738-18
Client Matrix: Water

Date Sampled: 01/23/2008 1141
Date Received: 01/24/2008 0945

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 0714
Date Prepared: 01/26/2008 0714

Analysis Batch: 660-56755

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2555.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **MW-66**

Lab Sample ID: 660-20738-19
Client Matrix: Water

Date Sampled: 01/23/2008 1415
Date Received: 01/24/2008 0945

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 0736
Date Prepared: 01/26/2008 0736

Analysis Batch: 660-56755

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2556.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **MW-89**

Lab Sample ID: 660-20738-20
Client Matrix: Water

Date Sampled: 01/23/2008 1417
Date Received: 01/24/2008 0945

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 0758
Date Prepared: 01/26/2008 0758

Analysis Batch: 660-56755

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2557.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	2.9		1.0	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **MW-17S**

Lab Sample ID: 660-20738-21
Client Matrix: Water

Date Sampled: 01/23/2008 1454
Date Received: 01/24/2008 0945

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 0821
Date Prepared: 01/26/2008 0821

Analysis Batch: 660-56755

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2558.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: MW-17D

Lab Sample ID: 660-20738-22
Client Matrix: Water

Date Sampled: 01/23/2008 1455
Date Received: 01/24/2008 0945

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 0843
Date Prepared: 01/26/2008 0843

Analysis Batch: 660-56755

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2559.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **MW-79**

Lab Sample ID: 660-20738-23
Client Matrix: Water

Date Sampled: 01/23/2008 1534
Date Received: 01/24/2008 0945

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 1550
Date Prepared: 01/26/2008 1550

Analysis Batch: 660-56870

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2613.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	52		1.0	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **MW-132**

Lab Sample ID: 660-20738-24
Client Matrix: Water

Date Sampled: 01/23/2008 1540
Date Received: 01/24/2008 0945

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 0927
Date Prepared: 01/26/2008 0927

Analysis Batch: 660-56755

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2561.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	2.8		1.0	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: MW-188

Lab Sample ID: 660-20738-25
Client Matrix: Water

Date Sampled: 01/23/2008 1100
Date Received: 01/24/2008 0945

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 0949
Date Prepared: 01/26/2008 0949

Analysis Batch: 660-56755

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2562.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **MW-192**

Lab Sample ID: 660-20738-26
Client Matrix: Water

Date Sampled: 01/23/2008 1205
Date Received: 01/24/2008 0945

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 1011
Date Prepared: 01/26/2008 1011

Analysis Batch: 660-56755

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2563.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **MW-191**

Lab Sample ID: 660-20738-27
Client Matrix: Water

Date Sampled: 01/23/2008 1150
Date Received: 01/24/2008 0945

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 1034
Date Prepared: 01/26/2008 1034

Analysis Batch: 660-56755

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2564.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **MW-189**

Lab Sample ID: 660-20738-28
Client Matrix: Water

Date Sampled: 01/23/2008 1055
Date Received: 01/24/2008 0945

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 1056
Date Prepared: 01/26/2008 1056

Analysis Batch: 660-56755

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2565.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: MW-212

Lab Sample ID: 660-20738-29
Client Matrix: Water

Date Sampled: 01/23/2008 1520
Date Received: 01/24/2008 0945

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 1635
Date Prepared: 01/26/2008 1635

Analysis Batch: 660-56870

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2615.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **MW-208**

Lab Sample ID: 660-20738-30
Client Matrix: Water

Date Sampled: 01/23/2008 1440
Date Received: 01/24/2008 0945

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 1657
Date Prepared: 01/26/2008 1657

Analysis Batch: 660-56870

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2616.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **MW-211**

Lab Sample ID: 660-20738-31
Client Matrix: Water

Date Sampled: 01/23/2008 1550
Date Received: 01/24/2008 0945

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 1719
Date Prepared: 01/26/2008 1719

Analysis Batch: 660-56870

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2617.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: MW-210

Lab Sample ID: 660-20738-32
Client Matrix: Water

Date Sampled: 01/23/2008 1610
Date Received: 01/24/2008 0945

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 1230
Date Prepared: 01/31/2008 1230

Analysis Batch: 660-57011

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3055.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **MW-209**

Lab Sample ID: 660-20738-33
Client Matrix: Water

Date Sampled: 01/23/2008 1445
Date Received: 01/24/2008 0945

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 1252
Date Prepared: 01/31/2008 1252

Analysis Batch: 660-57011

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3056.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **Dup2**

Lab Sample ID: 660-20738-34
Client Matrix: Water

Date Sampled: 01/23/2008 0000
Date Received: 01/24/2008 0945

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 1826
Date Prepared: 01/26/2008 1826

Analysis Batch: 660-56870

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2620.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	2.1		1.0	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **Dup3**

Lab Sample ID: 660-20738-35
Client Matrix: Water

Date Sampled: 01/23/2008 0000
Date Received: 01/24/2008 0945

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 1849
Date Prepared: 01/26/2008 1849

Analysis Batch: 660-56870

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2621.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **Dup4**

Lab Sample ID: 660-20738-36
Client Matrix: Water

Date Sampled: 01/23/2008 0000
Date Received: 01/24/2008 0945

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 1314
Date Prepared: 01/31/2008 1314

Analysis Batch: 660-57011

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3057.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **Equipment-2**

Lab Sample ID: 660-20738-37
Client Matrix: Water

Date Sampled: 01/23/2008 1600
Date Received: 01/24/2008 0945

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 1933
Date Prepared: 01/26/2008 1933

Analysis Batch: 660-56870

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2623.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **Equipment-3**

Lab Sample ID: 660-20738-38
Client Matrix: Water

Date Sampled: 01/23/2008 1630
Date Received: 01/24/2008 0945

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 1336
Date Prepared: 01/31/2008 1336

Analysis Batch: 660-57011

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3058.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **Equipment-5**

Lab Sample ID: 660-20738-39
Client Matrix: Water

Date Sampled: 01/23/2008 0000
Date Received: 01/24/2008 0945

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 2018
Date Prepared: 01/26/2008 2018

Analysis Batch: 660-56870

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2625.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **Trip Blank 2**

Lab Sample ID: 660-20738-40
Client Matrix: Water

Date Sampled: 01/23/2008 0000
Date Received: 01/24/2008 0945

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 2040
Date Prepared: 01/26/2008 2040

Analysis Batch: 660-56870

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2626.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **Trip Blank 3**

Lab Sample ID: 660-20738-41
Client Matrix: Water

Date Sampled: 01/23/2008 0000
Date Received: 01/24/2008 0945

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 2102
Date Prepared: 01/26/2008 2102

Analysis Batch: 660-56870

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2627.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **Trip Blank 4**

Lab Sample ID: 660-20738-42
Client Matrix: Water

Date Sampled: 01/23/2008 0000
Date Received: 01/24/2008 0945

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 2125
Date Prepared: 01/26/2008 2125

Analysis Batch: 660-56870

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2628.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **Trip Blank 5**

Lab Sample ID: 660-20738-43
Client Matrix: Water

Date Sampled: 01/23/2008 0000
Date Received: 01/24/2008 0945

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 2147
Date Prepared: 01/26/2008 2147

Analysis Batch: 660-56870

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2629.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Client: ARCADIS

Job Number: 660-20738-1
Sdg Number: 660-20738

Client Sample ID: **MW-152**

Lab Sample ID: 660-20738-44
Client Matrix: Water

Date Sampled: 01/23/2008 1044
Date Received: 01/24/2008 0945

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/26/2008 2209
Date Prepared: 01/26/2008 2209

Analysis Batch: 660-56870

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2630.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

SAMPLE COMPLIANCE REPORT

SAMPLE COMPLIANCE REPORT

Sample Delivery Group	Sampling Date	Protocol	Sample ID	Matrix	Compliancy[1]					Noncompliance
					VOC	SVOC	PCB/PEST/ HERB	MET	MISC	
660-20738	1/23/2008	SW-846	MW-228	Water	Yes	--	--	--	--	
660-20738	1/23/2008	SW-846	MW-154	Water	Yes	--	--	--	--	
660-20738	1/23/2008	SW-846	MW-151	Water	Yes	--	--	--	--	
660-20738	1/23/2008	SW-846	MW-121	Water	Yes	--	--	--	--	
660-20738	1/23/2008	SW-846	MW-172	Water	Yes	--	--	--	--	
660-20738	1/23/2008	SW-846	MW-173	Water	Yes	--	--	--	--	
660-20738	1/23/2008	SW-846	MW-171	Water	Yes	--	--	--	--	
660-20738	1/23/2008	SW-846	MW-90	Water	Yes	--	--	--	--	
660-20738	1/23/2008	SW-846	MW-239	Water	Yes	--	--	--	--	
660-20738	1/23/2008	SW-846	MW-49	Water	Yes	--	--	--	--	
660-20738	1/23/2008	SW-846	MW-66	Water	Yes	--	--	--	--	
660-20738	1/23/2008	SW-846	MW-204	Water	Yes	--	--	--	--	
660-20738	1/23/2008	SW-846	MW-89	Water	Yes	--	--	--	--	
660-20738	1/23/2008	SW-846	MW-17S	Water	Yes	--	--	--	--	
660-20738	1/23/2008	SW-846	MW-17D	Water	Yes	--	--	--	--	
660-20738	1/23/2008	SW-846	MW-79	Water	No	--	--	--	--	VOC – CCAL %D
660-20738	1/23/2008	SW-846	MW-132	Water	No	--	--	--	--	VOC – CCAL %D
660-20738	1/23/2008	SW-846	MW-188	Water	Yes	--	--	--	--	
660-20738	1/23/2008	SW-846	MW-192	Water	No	--	--	--	--	VOC – Associated Blank
660-20738	1/23/2008	SW-846	MW-191	Water	Yes	--	--	--	--	
660-20738	1/23/2008	SW-846	MW-189	Water	Yes	--	--	--	--	
660-20738	1/23/2008	SW-846	MW-212	Water	No	--	--	--	--	VOC – CCAL %D
660-20738	1/23/2008	SW-846	MW-205	Water	Yes	--	--	--	--	
660-20738	1/23/2008	SW-846	MW-208	Water	No	--	--	--	--	VOC – CCAL %D
660-20738	1/23/2008	SW-846	MW-211	Water	No	--	--	--	--	VOC – CCAL %D, Associated Blank
660-20738	1/23/2008	SW-846	MW-210	Water	No	--	--	--	--	VOC – CCAL %D

Sample Delivery Group	Sampling Date	Protocol	Sample ID	Matrix	Compliancy[1]					Noncompliance
					VOC	SVOC	PCB/PEST/ HERB	MET	MISC	
660-20738	1/23/2008	SW-846	MW-209	Water	No	--	--	--	--	VOC – CCAL %D
660-20738	1/23/2008	SW-846	Dup2	Water	No	--	--	--	--	VOC – CCAL %D
660-20738	1/23/2008	SW-846	Dup3	Water	No	--	--	--	--	VOC – CCAL %D
660-20738	1/23/2008	SW-846	Dup4	Water	No	--	--	--	--	VOC – CCAL %D
660-20738	1/23/2008	SW-846	Equipment-2	Water	No	--	--	--	--	VOC – CCAL %D
660-20738	1/23/2008	SW-846	Equipment-3	Water	No	--	--	--	--	VOC – CCAL %D
660-20738	1/23/2008	SW-846	Equipment-5	Water	No	--	--	--	--	VOC – CCAL %D
660-20738	1/23/2008	SW-846	MW-240	Water	Yes	--	--	--	--	
660-20738	1/23/2008	SW-846	Trip Blank 2	Water	No	--	--	--	--	VOC – CCAL %D
660-20738	1/23/2008	SW-846	Trip Blank 3	Water	No	--	--	--	--	VOC – CCAL %D
660-20738	1/23/2008	SW-846	Trip Blank 4	Water	No	--	--	--	--	VOC – CCAL %D
660-20738	1/23/2008	SW-846	Trip Blank 5	Water	No	--	--	--	--	VOC – CCAL %D
660-20738	1/23/2008	SW-846	MW-152	Water	No	--	--	--	--	VOC – CCAL %D
660-20738	1/23/2008	SW-846	MW-169	Water	Yes	--	--	--	--	
660-20738	1/23/2008	SW-846	MW-182	Water	Yes	--	--	--	--	
660-20738	1/23/2008	SW-846	MW-167	Water	Yes	--	--	--	--	
660-20738	1/23/2008	SW-846	MW-168	Water	Yes	--	--	--	--	
660-20738	1/23/2008	SW-846	MW-170	Water	No	--	--	--	--	VOC – CCAL %D

1 Samples which are compliant with no added validation qualifiers are listed as "yes". Samples which are non-compliant or which have added qualifiers are listed as "no". A "no" designation does not necessarily indicate that the data have been rejected or are otherwise unusable.

ARCADIS

Attachment 2

DATA REVIEW FOR

LOCKHEED MARTIN - TALLEVAST

TALLEVAST, FLORIDA

SDG #660-20784

VOLATILE ANALYSES

Analyses performed by:

TestAmerica Laboratories
Tampa, Florida

Review performed by:

ARCADIS
Infrastructure, environment, facilities

Syracuse, New York
Report #8107R

Summary

The following is an assessment of the data package for sample delivery group (SDG) #660-20784 for sampling from the Lockheed Martin - Tallevast Site. Included with this assessment are the corrected sample results and the sample compliance report. Analyses were performed on the following samples:

Sample ID	Lab ID	Matrix	Sample Date	Analysis				
				VOC	SVOC	PCB	MET	MISC
MW-94	660-20784-1	Water	1/24/2008	X				
MW-32	660-20784-10	Water	1/24/2008	X				
MW-7S	660-20784-11	Water	1/24/2008	X				
Dup7	660-20784-12	Water	1/24/2008	X				
MW-7D	660-20784-13	Water	1/24/2008	X				
MW-159	660-20784-14	Water	1/24/2008	X				
MW-157	660-20784-15	Water	1/24/2008	X				
MW-160	660-20784-16	Water	1/24/2008	X				
MW-156	660-20784-17	Water	1/24/2008	X				
MW-11	660-20784-18	Water	1/24/2008	X				
EB-7	660-20784-19	Water	1/24/2008	X				
MW-95	660-20784-2	Water	1/24/2008	X				
TB-7	660-20784-20	Water	1/24/2008	X				
TB-6	660-20784-21	Water	1/24/2008	X				
EB-6	660-20784-22	Water	1/24/2008	X				
MW-107	660-20784-23	Water	1/24/2008	X				
MW-153	660-20784-24	Water	1/24/2008	X				
MW-155	660-20784-25	Water	1/24/2008	X				
MW-161	660-20784-26	Water	1/24/2008	X				
MW-158	660-20784-27	Water	1/24/2008	X				
EB-9	660-20784-28	Water	1/24/2008	X				
MW-124	660-20784-29	Water	1/24/2008	X				
TB-1	660-20784-3	Water	1/24/2008	X				
MW-126	660-20784-30	Water	1/24/2008	X				
MW-106	660-20784-31	Water	1/24/2008	X				
MW-112	660-20784-32	Water	1/24/2008	X				
MW-195	660-20784-33	Water	1/24/2008	X				
MW-194	660-20784-34	Water	1/24/2008	X				
MW-193	660-20784-35	Water	1/24/2008	X				
Dup6	660-20784-36	Water	1/24/2008	X				
MW-184	660-20784-37	Water	1/24/2008	X				
MW-183	660-20784-38	Water	1/24/2008	X				
MW-185	660-20784-39	Water	1/24/2008	X				
RW-2	660-20784-4	Water	1/24/2008	X				
MW-187	660-20784-40	Water	1/24/2008	X				
MW-186	660-20784-41	Water	1/24/2008	X				
Dup9	660-20784-42	Water	1/24/2008	X				
TB-9	660-20784-43	Water	1/24/2008	X				

Sample ID	Lab ID	Matrix	Sample Date	Analysis				
				VOC	SVOC	PCB	MET	MISC
TB-8	660-20784-44	Water	1/24/2008	X				
EB-8	660-20784-45	Water	1/24/2008	X				
Dup-8	660-20784-46	Water	1/24/2008	X				
MW-15S	660-20784-47	Water	1/24/2008	X				
MW-15D	660-20784-48	Water	1/24/2008	X				
MW-14S	660-20784-49	Water	1/24/2008	X				
MW-12	660-20784-5	Water	1/24/2008	X				
MW-14D	660-20784-50	Water	1/24/2008	X				
MW-77	660-20784-51	Water	1/24/2008	X				
MW-20	660-20784-52	Water	1/24/2008	X				
MW-9S	660-20784-53	Water	1/24/2008	X				
MW-9D	660-20784-54	Water	1/24/2008	X				
MW-76	660-20784-55	Water	1/24/2008	X				
MW-25	660-20784-56	Water	1/24/2008	X				
MW-85	660-20784-57	Water	1/24/2008	X				
MW-233	660-20784-58	Water	1/24/2008	X				
MW-5	660-20784-6	Water	1/24/2008	X				
MW-114	660-20784-7	Water	1/24/2008	X				
MW-83	660-20784-8	Water	1/24/2008	X				
Private Well 84	660-20784-9	Water	1/24/2008	X				

Notes:

1. Matrix spike/matrix spike duplicate (MS/MSD) analyses performed on sample location MW-159.
2. Sample location Dup6 is the field duplicate of parent sample location MW-153.
3. Sample location Dup7 is the field duplicate of parent sample location Private Well 84.
4. Sample location Dup8 is the field duplicate of parent sample location MW-77.
5. Sample location Dup9 is the field duplicate of parent sample location MW-195.

VOLATILE ORGANIC COMPOUND (VOC) ANALYSES

Introduction

Analyses were performed according to (United Stated Environmental Protection Agency) USEPA SW-846 Method 8260B total ion monitoring (TIM) and 8260C selective ion monitoring (SIM) by isotope dilution. Data were reviewed in accordance with USEPA National Functional Guidelines of October 1999 and January 2005.

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with USEPA National Functional Guidelines:

U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

J The compound was positively identified; however, the associated numerical value is an estimated concentration only.

B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.

N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.

JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration only.

E The compound was quantitated above the calibration range.

D Concentration is based on a diluted sample analysis.

C Identification confirmed by gas chromatograph/mass spectrometer (GC/MS).

UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.

R The sample results are rejected.

Two facts should be noted by all data users. First, the "R" flag means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

Data Assessment

1. Holding Times

The specified holding times for the following methods are presented in the following table.

Method	Matrix	Holding Time	Preservation
SW-846 8260B/C	Water	14 days from collection to analysis	Cooled @ 4 °C; preserved to a pH of less than 2.
	Soil	48 hours from collection to extraction and 14 days from extraction to analysis	Cooled @ 4 °C.

All samples were analyzed within the specified holding times.

2. Blank Contamination

Quality assurance (QA) blanks (i.e., method, trip, and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure contamination of samples during shipment. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank (common laboratory contaminant compounds are calculated at ten times) is calculated for QA blanks containing concentrations greater than the method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

Target compounds were detected in the associated QA blanks. Sample results associated with blank contamination that were greater than the BAL and/or non-detect did not result in any qualification of data. Sample results less than the BAL associated with the following sample locations were qualified as listed in the following table.

Sample Locations	Analytes	Sample Result	Qualification
MW-112 MW-195 MW-20 MW-233	Toluene	Detected sample results <RL and <BAL	"U" at the PQL

RL = reporting limit

3. Mass Spectrometer Tuning

Mass spectrometer performance was acceptable.

System performance and column resolution were acceptable.

4. Calibration

Satisfactory instrument calibration is established to insure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument daily performance is satisfactory.

4.1 Initial Calibration

The method specifies percent relative standard deviation (%RSD) and relative response factor (RRF) limits for select compounds only. A technical review of the data applies limits to all compounds with no exceptions.

All target compounds analyzed by 8260B associated with the initial calibration standards must exhibit a %RSD less than the control limit (15%) or a correlation coefficient greater than 0.99. The compounds analyzed by method 8260B TIM must exhibit a RRF value greater than the control limit (0.05). The analysis of the target compound 1,4-Dioxane performed by method 8260C SIM by isotope dilution must exhibit a RRF value greater than the control limit (0.005).

4.2 Continuing Calibration

All target compounds analyzed by 8260B associated with the continuing calibration standard must exhibit a percent difference (%D) less then the control limit (20%) with the exception of 1,4-Dioxane must exhibit a %D less than the control limit of (50%). The compounds analyzed by method 8260B TIM must exhibit a RRF value greater than the control limit (0.05). The analysis of the target compound 1,4-Dioxane performed by method 8260C SIM by isotope dilution must exhibit a RRF value greater than the control limit (0.005).

All compounds associated with the calibrations were within the specified control limits, with the exception of the compounds presented in the following table.

Sample Locations	Initial/Continuing	Compound	Criteria
MW-124 MW-126 MW-106 MW-112 MW-195 MW-194 MW-193 Dup6 MW-184 MW-183 MW-185 MW-187 MW-186 Dup9 TB-9 TB-8 EB-8 Dup-8 MW-15S MW-15D	CCV %D	Chloroethane	92.7%

The criteria used to evaluate the initial and continuing calibration are presented in the following table. In the case of a calibration deviation, the sample results are qualified.

Initial/Continuing	Criteria	Sample Result	Qualification
Initial and Continuing Calibration	RRF <0.05	Non-detect	R
		Detect	J
	RRF <0.01[1]	Non-detect	R
		Detect	J
	RRF >0.05 or RRF >0.01[1]	Non-detect	No Action
		Detect	
Initial Calibration	%RSD > 15% or a correlation coefficient <0.99	Non-detect	UJ
		Detect	J
Continuing Calibration	%D >20% (increase in sensitivity)	Non-detect	No Action
		Detect	J
	%D >20% (decrease in sensitivity)	Non-detect	UJ
		Detect	J
	%D >90%	Non-detect	R
		Detect	J

1. RRF of 0.01 only applies to compounds which are typically poor responding compounds (i.e. ketones, 1,4-Dioxane, etc.)

5. Surrogates/System Monitoring Compounds

All samples to be analyzed for organic compounds are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. VOC analysis requires that all surrogates associated with the analysis exhibit recoveries within the laboratory-established acceptance limits.

All surrogate recoveries were within control limits.

6. Internal Standard Performance

Internal standard performance criteria insure that the GC/MS sensitivity and response are stable during every sample analysis. The criteria requires the internal standard compounds associated with the VOC exhibit area counts that are not greater than two times (+100%) or less than one-half (-50%) of the area counts of the associated continuing calibration standard.

All internal standard areas and retention times were within established limits.

7. Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analysis

MS/MSD data are used to assess the precision and accuracy of the analytical method. The compounds used to perform the MS/MSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits. The relative percent difference (RPD) between the MS/MSD recoveries must exhibit an RPD within the laboratory-established acceptance limits.

Note: The MS/MSD recovery control limits do not apply for MS/MSD performed on sample locations were the compound concentration detected in the parent sample exceeds the MS/MSD concentration by a factor of four or greater.

The MS/MSD exhibited acceptable recoveries and RPD between the MS/MSD recoveries.

8. Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) Analysis

The LCS/LCSD analysis is used to assess the precision and accuracy of the analytical method independent of matrix interferences. The compounds associated with the LCS/LCSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits.

All compounds associated with the LCS/LCSD analysis exhibited acceptable recoveries and RPD between the LCS/LCSD recoveries.

9. Field Duplicate Analysis

Field duplicate analysis is used to assess the precision and accuracy of the field sampling procedures and analytical method. A control limit of 50% for water matrices is applied to the RPD between the parent sample and the field duplicate.

Results for duplicate samples are summarized in the following table.

Sample ID/Duplicate ID	Compound	Sample Result	Duplicate Result	RPD
MW-77/Dup8	1,1-Dichloroethane	39	45	14.2 %
	1,1-Dichloroethene	18	20	10.5 %
	cis-1,2-Dichloroethene	3.5	3.8	AC
	Tetrachloroethene	1.3	1.4	AC
	Trichloroethene	24	26	8.0 %
	1,4-Dioxane (SIM ID)	150	220	37.8 %
MW-153/Dup6	All Compounds	ND	ND	AC
Private Well 84/Dup7	All Compounds	ND	ND	AC
MW-195/Dup9	All Compounds	ND	ND	AC

NC = Not compliant.
ND = Not detected.
AC = The field duplicate RPD is acceptable when the RPD between parent sample and field duplicate sample is less than one times the RL and where the parent sample and/or duplicate concentration is less than five times the RL.

The calculated RPDs between the parent sample and field duplicate were acceptable.

10. Compound Identification

Compounds are identified on the GC/MS by using the analytes relative retention time and ion spectra.

Sample results associated with compound that exhibited a concentration greater than the linear range of the instrument calibration are summarized in the following table.

Sample ID	Compound	Original Analysis	Diluted Analysis	Reported Analysis
MW-12	Trichloroethene	180 E	190 D	190 D

Sample ID	Compound	Original Analysis	Diluted Analysis	Reported Analysis
MW-9D	Acetone	760 E	580 D	580 D

Note: In the instance where both the original analysis and the diluted analysis sample results exhibited a concentration greater than and/or less than the calibration linear range of the instrument; the sample result exhibiting the greatest concentration will be reported as the final result.

Sample results associated with compounds exhibiting concentrations greater than the linear range are qualified as documented in the table below when reported as the final reported sample result.

Reported Sample Results	Qualification
Diluted sample result within calibration range	D
Diluted sample result less than the calibration range	DJ
Diluted sample result greater than the calibration range	EDJ
Original sample result greater than the calibration range	EJ

11. System Performance and Overall Assessment

Manual integration was performed on TCL compound 1,4-Dioxane and internal standard 1,4-Dioxane-d8 for associated sample locations found within this SDG. All manual integrations performed by the laboratory were consistent from baseline to baseline of the primary quantitation ion; therefore detected sample results were not qualified.

Additionally, non-detect sample results were reviewed and there is no detected peak of the primary quantitation ion within the retention time window of 1,4-Dioxane; therefore all non-detect results were confirmed and are usable as reported.

Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

CORRECTED SAMPLE ANALYSIS DATA SHEETS

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-94**

Lab Sample ID: 660-20784-1
Client Matrix: Water

Date Sampled: 01/24/2008 1630
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/27/2008 0747
Date Prepared: 01/27/2008 0747

Analysis Batch: 660-56879

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2656.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-94**

Lab Sample ID: 660-20784-1
Client Matrix: Water

Date Sampled: 01/24/2008 1630
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/27/2008 0747
Date Prepared: 01/27/2008 0747

Analysis Batch: 660-56879

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2656.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U J	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	102	77 - 122
4-Bromofluorobenzene	83	74 - 126
Dibromofluoromethane	100	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-95**

Lab Sample ID: 660-20784-2
Client Matrix: Water

Date Sampled: 01/24/2008 1547
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/27/2008 0809
Date Prepared: 01/27/2008 0809

Analysis Batch: 660-56879

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2657.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-95**

Lab Sample ID: 660-20784-2
Client Matrix: Water

Date Sampled: 01/24/2008 1547
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/27/2008 0809
Date Prepared: 01/27/2008 0809

Analysis Batch: 660-56879

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2657.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	105	77 - 122
4-Bromofluorobenzene	89	74 - 126
Dibromofluoromethane	106	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: TB-1

Lab Sample ID: 660-20784-3
Client Matrix: Water

Date Sampled: 01/24/2008 0000
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/27/2008 0832
Date Prepared: 01/27/2008 0832

Analysis Batch: 660-56879

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2658.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **TB-1**

Lab Sample ID: 660-20784-3
Client Matrix: Water

Date Sampled: 01/24/2008 0000
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/27/2008 0832
Date Prepared: 01/27/2008 0832

Analysis Batch: 660-56879

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2658.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	116	77 - 122
4-Bromofluorobenzene	98	74 - 126
Dibromofluoromethane	118	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **RW-2**

Lab Sample ID: 660-20784-4
Client Matrix: Water

Date Sampled: 01/24/2008 0930
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/27/2008 0854
Date Prepared: 01/27/2008 0854

Analysis Batch: 660-56879

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2659.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	4.1		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.56	I	0.45	1.0
cis-1,2-Dichloroethene	15		0.65	1.0
trans-1,2-Dichloroethene	0.46	I	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: RW-2

Lab Sample ID: 660-20784-4
Client Matrix: Water

Date Sampled: 01/24/2008 0930
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/27/2008 0854
Date Prepared: 01/27/2008 0854

Analysis Batch: 660-56879

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2659.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	21		0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	9.7		0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	160		9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	105	77 - 122
4-Bromofluorobenzene	90	74 - 126
Dibromofluoromethane	108	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-12**

Lab Sample ID: 660-20784-5
Client Matrix: Water

Date Sampled: 01/24/2008 1035
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/27/2008 0916
Date Prepared: 01/27/2008 0916

Analysis Batch: 660-56879

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2660.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	10		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	6.9		0.45	1.0
cis-1,2-Dichloroethene	5.1		0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-12**

Lab Sample ID: 660-20784-5
Client Matrix: Water

Date Sampled: 01/24/2008 1035
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/27/2008 0916
Date Prepared: 01/27/2008 0916

Analysis Batch: 660-56879

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2660.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	58		0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	1.7		0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	97		9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	111	77 - 122
4-Bromofluorobenzene	92	74 - 126
Dibromofluoromethane	108	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-12**

Lab Sample ID: 660-20784-5
Client Matrix: Water

Date Sampled: 01/24/2008 1035
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 2.0
Date Analyzed: 01/31/2008 1358
Date Prepared: 01/31/2008 1358

Analysis Batch: 660-57065

Run Type: DL

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3059.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Trichloroethene	190	D	1.0	2.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-5**

Lab Sample ID: 660-20784-6
Client Matrix: Water

Date Sampled: 01/24/2008 1130
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/27/2008 0938
Date Prepared: 01/27/2008 0938

Analysis Batch: 660-56879

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2661.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-5**

Lab Sample ID: 660-20784-6
Client Matrix: Water

Date Sampled: 01/24/2008 1130
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/27/2008 0938
Date Prepared: 01/27/2008 0938

Analysis Batch: 660-56879

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2661.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U J	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	117	77 - 122
4-Bromofluorobenzene	96	74 - 126
Dibromofluoromethane	116	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-114**

Lab Sample ID: 660-20784-7
Client Matrix: Water

Date Sampled: 01/24/2008 1420
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/27/2008 1000
Date Prepared: 01/27/2008 1000

Analysis Batch: 660-56879

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2662.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-114**

Lab Sample ID: 660-20784-7
Client Matrix: Water

Date Sampled: 01/24/2008 1420
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/27/2008 1000
Date Prepared: 01/27/2008 1000

Analysis Batch: 660-56879

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2662.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U J	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	107	77 - 122
4-Bromofluorobenzene	90	74 - 126
Dibromofluoromethane	111	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-83**

Lab Sample ID: 660-20784-8
Client Matrix: Water

Date Sampled: 01/24/2008 1525
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/27/2008 1022
Date Prepared: 01/27/2008 1022

Analysis Batch: 660-56879

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2663.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-83**

Lab Sample ID: 660-20784-8
Client Matrix: Water

Date Sampled: 01/24/2008 1525
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/27/2008 1022
Date Prepared: 01/27/2008 1022

Analysis Batch: 660-56879

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2663.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	108	77 - 122
4-Bromofluorobenzene	93	74 - 126
Dibromofluoromethane	110	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **Private Well 84**

Lab Sample ID: 660-20784-9
Client Matrix: Water

Date Sampled: 01/24/2008 1540
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/27/2008 1045
Date Prepared: 01/27/2008 1045

Analysis Batch: 660-56879

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2664.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **Private Well 84**

Lab Sample ID: 660-20784-9
Client Matrix: Water

Date Sampled: 01/24/2008 1540
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/27/2008 1045
Date Prepared: 01/27/2008 1045

Analysis Batch: 660-56879

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2664.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U J	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	109	77 - 122
4-Bromofluorobenzene	89	74 - 126
Dibromofluoromethane	112	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-32**

Lab Sample ID: 660-20784-10
Client Matrix: Water

Date Sampled: 01/24/2008 1012
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 1420
Date Prepared: 01/31/2008 1420

Analysis Batch: 660-57065

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3060.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	9.9		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	8.6		0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-32**

Lab Sample ID: 660-20784-10
Client Matrix: Water

Date Sampled: 01/24/2008 1012
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 1420
Date Prepared: 01/31/2008 1420

Analysis Batch: 660-57065

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3060.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	3.5		0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	8.3		0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	17	I	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	108	77 - 122
4-Bromofluorobenzene	104	74 - 126
Dibromofluoromethane	111	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-7S**

Lab Sample ID: 660-20784-11
Client Matrix: Water

Date Sampled: 01/24/2008 1054
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 0756
Date Prepared: 01/30/2008 0756

Analysis Batch: 660-57058

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2948.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-7S**

Lab Sample ID: 660-20784-11
Client Matrix: Water

Date Sampled: 01/24/2008 1054
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 0756
Date Prepared: 01/30/2008 0756

Analysis Batch: 660-57058

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2948.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	107	77 - 122
4-Bromofluorobenzene	99	74 - 126
Dibromofluoromethane	107	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **Dup7**

Lab Sample ID: 660-20784-12
Client Matrix: Water

Date Sampled: 01/24/2008 0000
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 0818
Date Prepared: 01/30/2008 0818

Analysis Batch: 660-57058

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2949.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **Dup7**

Lab Sample ID: 660-20784-12
Client Matrix: Water

Date Sampled: 01/24/2008 0000
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 0818
Date Prepared: 01/30/2008 0818

Analysis Batch: 660-57058

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2949.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	4.1	J	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	103	77 - 122
4-Bromofluorobenzene	96	74 - 126
Dibromofluoromethane	105	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-7D**

Lab Sample ID: 660-20784-13
Client Matrix: Water

Date Sampled: 01/24/2008 1117
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 0840
Date Prepared: 01/30/2008 0840

Analysis Batch: 660-57058

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2950.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-7D**

Lab Sample ID: 660-20784-13
Client Matrix: Water

Date Sampled: 01/24/2008 1117
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 0840
Date Prepared: 01/30/2008 0840

Analysis Batch: 660-57058

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2950.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	18	I	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	112	77 - 122
4-Bromofluorobenzene	103	74 - 126
Dibromofluoromethane	109	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: MW-159

Lab Sample ID: 660-20784-14
Client Matrix: Water

Date Sampled: 01/24/2008 1515
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 1223
Date Prepared: 01/30/2008 1223

Analysis Batch: 660-57058

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2960.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: MW-159

Lab Sample ID: 660-20784-14
Client Matrix: Water

Date Sampled: 01/24/2008 1515
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 1223
Date Prepared: 01/30/2008 1223

Analysis Batch: 660-57058

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2960.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	92	77 - 122
4-Bromofluorobenzene	84	74 - 126
Dibromofluoromethane	94	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-157**

Lab Sample ID: 660-20784-15
Client Matrix: Water

Date Sampled: 01/24/2008 1422
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 1245
Date Prepared: 01/30/2008 1245

Analysis Batch: 660-57058

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2961.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-157**

Lab Sample ID: 660-20784-15
Client Matrix: Water

Date Sampled: 01/24/2008 1422
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 1245
Date Prepared: 01/30/2008 1245

Analysis Batch: 660-57058

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2961.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	101	77 - 122
4-Bromofluorobenzene	91	74 - 126
Dibromofluoromethane	108	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-160**

Lab Sample ID: 660-20784-16
Client Matrix: Water

Date Sampled: 01/24/2008 1515
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 0947
Date Prepared: 01/30/2008 0947

Analysis Batch: 660-57058

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2953.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

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Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-160**

Lab Sample ID: 660-20784-16
Client Matrix: Water

Date Sampled: 01/24/2008 1515
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 0947
Date Prepared: 01/30/2008 0947

Analysis Batch: 660-57058

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2953.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	105	77 - 122
4-Bromofluorobenzene	99	74 - 126
Dibromofluoromethane	114	70 - 130

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THE LEADER IN ENVIRONMENTAL TESTING

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-156**

Lab Sample ID: 660-20784-17
Client Matrix: Water

Date Sampled: 01/24/2008 1425
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 1009
Date Prepared: 01/30/2008 1009

Analysis Batch: 660-57058

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2954.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

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Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-156**

Lab Sample ID: 660-20784-17
Client Matrix: Water

Date Sampled: 01/24/2008 1425
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 1009
Date Prepared: 01/30/2008 1009

Analysis Batch: 660-57058

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2954.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	108	77 - 122
4-Bromofluorobenzene	98	74 - 126
Dibromofluoromethane	114	70 - 130

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-11**

Lab Sample ID: 660-20784-18
Client Matrix: Water

Date Sampled: 01/24/2008 1105
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 1031
Date Prepared: 01/30/2008 1031

Analysis Batch: 660-57058

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2955.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	9.1		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	1.5		0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

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THE LEADER IN ENVIRONMENTAL TESTING

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-11**

Lab Sample ID: 660-20784-18
Client Matrix: Water

Date Sampled: 01/24/2008 1105
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 1031
Date Prepared: 01/30/2008 1031

Analysis Batch: 660-57058

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2955.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	1.4		0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	17		0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	24		9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	112	77 - 122
4-Bromofluorobenzene	100	74 - 126
Dibromofluoromethane	115	70 - 130

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THE LEADER IN ENVIRONMENTAL TESTING

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: EB-7

Lab Sample ID: 660-20784-19
Client Matrix: Water

Date Sampled: 01/24/2008 1628
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 1054
Date Prepared: 01/30/2008 1054

Analysis Batch: 660-57058

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2956.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

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Client: ARCADIS

Analytical Data

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: EB-7

Lab Sample ID: 660-20784-19
Client Matrix: Water

Date Sampled: 01/24/2008 1628
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 1054
Date Prepared: 01/30/2008 1054

Analysis Batch: 660-57058

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2956.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	1.2		0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	104	77 - 122
4-Bromofluorobenzene	93	74 - 126
Dibromofluoromethane	104	70 - 130

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THE LEADER IN ENVIRONMENTAL TESTING

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: TB-7

Lab Sample ID: 660-20784-20
Client Matrix: Water

Date Sampled: 01/24/2008 0000
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 1116
Date Prepared: 01/30/2008 1116

Analysis Batch: 660-57058

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2957.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client: ARCADIS

Analytical Data

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: TB-7

Lab Sample ID: 660-20784-20
Client Matrix: Water

Date Sampled: 01/24/2008 0000
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 1116
Date Prepared: 01/30/2008 1116

Analysis Batch: 660-57058

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2957.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	105	77 - 122
4-Bromofluorobenzene	93	74 - 126
Dibromofluoromethane	112	70 - 130

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client: ARCADIS

Analytical Data

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: TB-6

Lab Sample ID: 660-20784-21
Client Matrix: Water

Date Sampled: 01/24/2008 0000
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 1138
Date Prepared: 01/30/2008 1138

Analysis Batch: 660-57058

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2958.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **TB-6**

Lab Sample ID: 660-20784-21
Client Matrix: Water

Date Sampled: 01/24/2008 0000
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 1138
Date Prepared: 01/30/2008 1138

Analysis Batch: 660-57058

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2958.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	99	77 - 122
4-Bromofluorobenzene	93	74 - 126
Dibromofluoromethane	104	70 - 130

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: EB-6

Lab Sample ID: 660-20784-22
Client Matrix: Water

Date Sampled: 01/24/2008 1645
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 1200
Date Prepared: 01/30/2008 1200

Analysis Batch: 660-57058

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2959.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: EB-6

Lab Sample ID: 660-20784-22
Client Matrix: Water

Date Sampled: 01/24/2008 1645
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 1200
Date Prepared: 01/30/2008 1200

Analysis Batch: 660-57058

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2959.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	1.2		0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	110	77 - 122
4-Bromofluorobenzene	101	74 - 126
Dibromofluoromethane	113	70 - 130

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-107**

Lab Sample ID: 660-20784-23
Client Matrix: Water

Date Sampled: 01/24/2008 1450
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 1307
Date Prepared: 01/30/2008 1307

Analysis Batch: 660-57058

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2962.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-107**

Lab Sample ID: 660-20784-23
Client Matrix: Water

Date Sampled: 01/24/2008 1450
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 1307
Date Prepared: 01/30/2008 1307

Analysis Batch: 660-57058

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2962.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	94	77 - 122
4-Bromofluorobenzene	87	74 - 126
Dibromofluoromethane	92	70 - 130

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-153**

Lab Sample ID: 660-20784-24
Client Matrix: Water

Date Sampled: 01/24/2008 1045
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 1329
Date Prepared: 01/30/2008 1329

Analysis Batch: 660-57058

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2963.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: MW-153

Lab Sample ID: 660-20784-24
Client Matrix: Water

Date Sampled: 01/24/2008 1045
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 1329
Date Prepared: 01/30/2008 1329

Analysis Batch: 660-57058

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2963.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	92	77 - 122
4-Bromofluorobenzene	90	74 - 126
Dibromofluoromethane	95	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: MW-155

Lab Sample ID: 660-20784-25
Client Matrix: Water

Date Sampled: 01/24/2008 1130
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 1352
Date Prepared: 01/30/2008 1352

Analysis Batch: 660-57058

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2964.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-155**

Lab Sample ID: 660-20784-25
Client Matrix: Water

Date Sampled: 01/24/2008 1130
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 1352
Date Prepared: 01/30/2008 1352

Analysis Batch: 660-57058

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2964.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	104	77 - 122
4-Bromofluorobenzene	101	74 - 126
Dibromofluoromethane	106	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: MW-161

Lab Sample ID: 660-20784-26
Client Matrix: Water

Date Sampled: 01/24/2008 1554
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 1414
Date Prepared: 01/30/2008 1414

Analysis Batch: 660-57058

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2965.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-161**

Lab Sample ID: 660-20784-26
Client Matrix: Water

Date Sampled: 01/24/2008 1554
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 1414
Date Prepared: 01/30/2008 1414

Analysis Batch: 660-57058

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2965.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	109	77 - 122
4-Bromofluorobenzene	104	74 - 126
Dibromofluoromethane	113	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-158**

Lab Sample ID: 660-20784-27
Client Matrix: Water

Date Sampled: 01/24/2008 1535
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 1436
Date Prepared: 01/30/2008 1436

Analysis Batch: 660-57058

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2966.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	4.7		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	4.6		0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-158**

Lab Sample ID: 660-20784-27
Client Matrix: Water

Date Sampled: 01/24/2008 1535
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 1436
Date Prepared: 01/30/2008 1436

Analysis Batch: 660-57058

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2966.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	105	77 - 122
4-Bromofluorobenzene	101	74 - 126
Dibromofluoromethane	112	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: EB-9

Lab Sample ID: 660-20784-28
Client Matrix: Water

Date Sampled: 01/24/2008 1650
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 1459
Date Prepared: 01/30/2008 1459

Analysis Batch: 660-57058

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2967.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: EB-9

Lab Sample ID: 660-20784-28
Client Matrix: Water

Date Sampled: 01/24/2008 1650
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 1459
Date Prepared: 01/30/2008 1459

Analysis Batch: 660-57058

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2967.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	109	77 - 122
4-Bromofluorobenzene	105	74 - 126
Dibromofluoromethane	112	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-124**

Lab Sample ID: 660-20784-29
Client Matrix: Water

Date Sampled: 01/24/2008 0930
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 2003
Date Prepared: 01/30/2008 2003

Analysis Batch: 660-57062

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3011.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	R 2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-124**

Lab Sample ID: 660-20784-29
Client Matrix: Water

Date Sampled: 01/24/2008 0930
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 2003
Date Prepared: 01/30/2008 2003

Analysis Batch: 660-57062

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3011.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	109	77 - 122
4-Bromofluorobenzene	103	74 - 126
Dibromofluoromethane	112	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-126**

Lab Sample ID: 660-20784-30
Client Matrix: Water

Date Sampled: 01/24/2008 1010
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 2026
Date Prepared: 01/30/2008 2026

Analysis Batch: 660-57062

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3012.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	R 2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-126**

Lab Sample ID: 660-20784-30
Client Matrix: Water

Date Sampled: 01/24/2008 1010
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 2026
Date Prepared: 01/30/2008 2026

Analysis Batch: 660-57062

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3012.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	16	I	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	5.3		0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	104	77 - 122
4-Bromofluorobenzene	99	74 - 126
Dibromofluoromethane	107	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: MW-106

Lab Sample ID: 660-20784-31
Client Matrix: Water

Date Sampled: 01/24/2008 1018
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 2048
Date Prepared: 01/30/2008 2048

Analysis Batch: 660-57062

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3013.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-106**

Lab Sample ID: 660-20784-31
Client Matrix: Water

Date Sampled: 01/24/2008 1018
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 2048
Date Prepared: 01/30/2008 2048

Analysis Batch: 660-57062

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3013.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	105	77 - 122
4-Bromofluorobenzene	101	74 - 126
Dibromofluoromethane	109	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-112**

Lab Sample ID: 660-20784-32
Client Matrix: Water

Date Sampled: 01/24/2008 1045
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 2111
Date Prepared: 01/30/2008 2111

Analysis Batch: 660-57062

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3014.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	R 2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-112**

Lab Sample ID: 660-20784-32
Client Matrix: Water

Date Sampled: 01/24/2008 1045
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 2111
Date Prepared: 01/30/2008 2111

Analysis Batch: 660-57062

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3014.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	~~0.53~~ 1.0	~~U~~	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	119	77 - 122
4-Bromofluorobenzene	114	74 - 126
Dibromofluoromethane	125	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-195**

Lab Sample ID: 660-20784-33
Client Matrix: Water

Date Sampled: 01/24/2008 1214
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 2133
Date Prepared: 01/30/2008 2133

Analysis Batch: 660-57062

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3015.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	R 2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: MW-195

Lab Sample ID: 660-20784-33
Client Matrix: Water

Date Sampled: 01/24/2008 1214
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 2133
Date Prepared: 01/30/2008 2133

Analysis Batch: 660-57062

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3015.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	~~0.61~~ 1.0	~~+~~ U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	99	77 - 122
4-Bromofluorobenzene	93	74 - 126
Dibromofluoromethane	103	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: MW-194

Lab Sample ID: 660-20784-34
Client Matrix: Water

Date Sampled: 01/24/2008 1245
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 2155
Date Prepared: 01/30/2008 2155

Analysis Batch: 660-57062

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3016.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	R 2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: MW-194

Lab Sample ID: 660-20784-34
Client Matrix: Water

Date Sampled: 01/24/2008 1245
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 2155
Date Prepared: 01/30/2008 2155

Analysis Batch: 660-57062

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3016.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	104	77 - 122
4-Bromofluorobenzene	98	74 - 126
Dibromofluoromethane	110	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-193**

Lab Sample ID: 660-20784-35
Client Matrix: Water

Date Sampled: 01/24/2008 1248
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 2218
Date Prepared: 01/30/2008 2218

Analysis Batch: 660-57062

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3017.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	R ~~2.5~~	~~U~~	~~2.5~~	~~5.0~~
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: MW-193

Lab Sample ID: 660-20784-35
Client Matrix: Water

Date Sampled: 01/24/2008 1248
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 2218
Date Prepared: 01/30/2008 2218

Analysis Batch: 660-57062

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3017.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	113	77 - 122
4-Bromofluorobenzene	102	74 - 126
Dibromofluoromethane	119	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **Dup6**

Lab Sample ID: 660-20784-36
Client Matrix: Water

Date Sampled: 01/24/2008 0000
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 2240
Date Prepared: 01/30/2008 2240

Analysis Batch: 660-57062

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3018.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	R ~~2.5~~	~~U~~	~~2.5~~	~~5.0~~
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **Dup6**

Lab Sample ID: 660-20784-36
Client Matrix: Water

Date Sampled: 01/24/2008 0000
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 2240
Date Prepared: 01/30/2008 2240

Analysis Batch: 660-57062

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3018.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	108	77 - 122
4-Bromofluorobenzene	101	74 - 126
Dibromofluoromethane	113	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: MW-184

Lab Sample ID: 660-20784-37
Client Matrix: Water

Date Sampled: 01/24/2008 1510
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 2302
Date Prepared: 01/30/2008 2302

Analysis Batch: 660-57062

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3019.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	R 2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-184**

Lab Sample ID: 660-20784-37
Client Matrix: Water

Date Sampled: 01/24/2008 1510
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 2302
Date Prepared: 01/30/2008 2302

Analysis Batch: 660-57062

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3019.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	106	77 - 122
4-Bromofluorobenzene	100	74 - 126
Dibromofluoromethane	112	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-183**

Lab Sample ID: 660-20784-38
Client Matrix: Water

Date Sampled: 01/24/2008 1519
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 2325
Date Prepared: 01/30/2008 2325

Analysis Batch: 660-57062

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3020.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: MW-183

Lab Sample ID: 660-20784-38
Client Matrix: Water

Date Sampled: 01/24/2008 1519
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 2325
Date Prepared: 01/30/2008 2325

Analysis Batch: 660-57062

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3020.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	105	77 - 122
4-Bromofluorobenzene	97	74 - 126
Dibromofluoromethane	109	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-185**

Lab Sample ID: 660-20784-39
Client Matrix: Water

Date Sampled: 01/24/2008 1600
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 2347
Date Prepared: 01/30/2008 2347

Analysis Batch: 660-57062

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3021.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	R ~~2.5~~	~~U~~	~~2.5~~	~~5.0~~
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: MW-185

Lab Sample ID: 660-20784-39
Client Matrix: Water

Date Sampled: 01/24/2008 1600
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 2347
Date Prepared: 01/30/2008 2347

Analysis Batch: 660-57062

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3021.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	102	77 - 122
4-Bromofluorobenzene	95	74 - 126
Dibromofluoromethane	107	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-187**

Lab Sample ID: 660-20784-40
Client Matrix: Water

Date Sampled: 01/24/2008 1610
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 0009
Date Prepared: 01/31/2008 0009

Analysis Batch: 660-57062

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3022.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	R 2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: MW-187

Lab Sample ID: 660-20784-40
Client Matrix: Water

Date Sampled: 01/24/2008 1610
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 0009
Date Prepared: 01/31/2008 0009

Analysis Batch: 660-57062

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3022.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	21		9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	3.4	J	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	108	77 - 122
4-Bromofluorobenzene	98	74 - 126
Dibromofluoromethane	115	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-186**

Lab Sample ID: 660-20784-41
Client Matrix: Water

Date Sampled: 01/24/2008 1640
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 0032
Date Prepared: 01/31/2008 0032

Analysis Batch: 660-57062

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3023.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-186**

Lab Sample ID: 660-20784-41
Client Matrix: Water

Date Sampled: 01/24/2008 1640
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 0032
Date Prepared: 01/31/2008 0032

Analysis Batch: 660-57062

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3023.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	108	77 - 122
4-Bromofluorobenzene	102	74 - 126
Dibromofluoromethane	113	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **Dup9**

Lab Sample ID: 660-20784-42
Client Matrix: Water

Date Sampled: 01/24/2008 0000
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 0054
Date Prepared: 01/31/2008 0054

Analysis Batch: 660-57062

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3024.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **Dup9**

Lab Sample ID: 660-20784-42
Client Matrix: Water

Date Sampled: 01/24/2008 0000
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 0054
Date Prepared: 01/31/2008 0054

Analysis Batch: 660-57062

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3024.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	111	77 - 122
4-Bromofluorobenzene	105	74 - 126
Dibromofluoromethane	119	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: TB-9

Lab Sample ID: 660-20784-43
Client Matrix: Water

Date Sampled: 01/24/2008 0000
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 0116
Date Prepared: 01/31/2008 0116

Analysis Batch: 660-57062

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3025.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: TB-9

Lab Sample ID: 660-20784-43
Client Matrix: Water

Date Sampled: 01/24/2008 0000
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 0116
Date Prepared: 01/31/2008 0116

Analysis Batch: 660-57062

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3025.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	102	77 - 122
4-Bromofluorobenzene	93	74 - 126
Dibromofluoromethane	102	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: TB-8

Lab Sample ID: 660-20784-44
Client Matrix: Water

Date Sampled: 01/24/2008 0000
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 0139
Date Prepared: 01/31/2008 0139

Analysis Batch: 660-57062

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3026.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: TB-8

Lab Sample ID: 660-20784-44
Client Matrix: Water

Date Sampled: 01/24/2008 0000
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 0139
Date Prepared: 01/31/2008 0139

Analysis Batch: 660-57062

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3026.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	108	77 - 122
4-Bromofluorobenzene	96	74 - 126
Dibromofluoromethane	105	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **EB-8**

Lab Sample ID: 660-20784-45
Client Matrix: Water

Date Sampled: 01/24/2008 1630
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 0201
Date Prepared: 01/31/2008 0201

Analysis Batch: 660-57062

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3027.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **EB-8**

Lab Sample ID: 660-20784-45
Client Matrix: Water

Date Sampled: 01/24/2008 1630
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 0201
Date Prepared: 01/31/2008 0201

Analysis Batch: 660-57062

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3027.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	110	77 - 122
4-Bromofluorobenzene	99	74 - 126
Dibromofluoromethane	111	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **Dup-8**

Lab Sample ID: 660-20784-46
Client Matrix: Water

Date Sampled: 01/24/2008 0000
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 0223
Date Prepared: 01/31/2008 0223

Analysis Batch: 660-57062

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3028.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	R 2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	45		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	20		0.45	1.0
cis-1,2-Dichloroethene	3.8		0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: Dup-8

Lab Sample ID: 660-20784-46
Client Matrix: Water

Date Sampled: 01/24/2008 0000
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 0223
Date Prepared: 01/31/2008 0223

Analysis Batch: 660-57062

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3028.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	1.4		0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	26		0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	118	77 - 122
4-Bromofluorobenzene	108	74 - 126
Dibromofluoromethane	120	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-15S**

Lab Sample ID: 660-20784-47
Client Matrix: Water

Date Sampled: 01/24/2008 0918
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 0246
Date Prepared: 01/31/2008 0246

Analysis Batch: 660-57062

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3029.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: MW-15S

Lab Sample ID: 660-20784-47
Client Matrix: Water

Date Sampled: 01/24/2008 0918
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 0246
Date Prepared: 01/31/2008 0246

Analysis Batch: 660-57062

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3029.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	104	77 - 122
4-Bromofluorobenzene	93	74 - 126
Dibromofluoromethane	113	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-15D**

Lab Sample ID: 660-20784-48
Client Matrix: Water

Date Sampled: 01/24/2008 0910
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 0308
Date Prepared: 01/31/2008 0308

Analysis Batch: 660-57062

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3030.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	4.9		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	3.0		0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: MW-15D

Lab Sample ID: 660-20784-48
Client Matrix: Water

Date Sampled: 01/24/2008 0910
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 0308
Date Prepared: 01/31/2008 0308

Analysis Batch: 660-57062

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3030.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	4.0		0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	110	77 - 122
4-Bromofluorobenzene	103	74 - 126
Dibromofluoromethane	114	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: MW-14S

Lab Sample ID: 660-20784-49
Client Matrix: Water

Date Sampled: 01/24/2008 1012
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 0842
Date Prepared: 01/31/2008 0842

Analysis Batch: 660-57065

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3045.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-14S**

Lab Sample ID: 660-20784-49
Client Matrix: Water

Date Sampled: 01/24/2008 1012
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 0842
Date Prepared: 01/31/2008 0842

Analysis Batch: 660-57065

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3045.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	101	77 - 122
4-Bromofluorobenzene	92	74 - 126
Dibromofluoromethane	107	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: MW-14D

Lab Sample ID: 660-20784-50
Client Matrix: Water

Date Sampled: 01/24/2008 1009
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 0904
Date Prepared: 01/31/2008 0904

Analysis Batch: 660-57065

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3046.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-14D**

Lab Sample ID: 660-20784-50
Client Matrix: Water

Date Sampled: 01/24/2008 1009
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 0904
Date Prepared: 01/31/2008 0904

Analysis Batch: 660-57065

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3046.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	106	77 - 122
4-Bromofluorobenzene	93	74 - 126
Dibromofluoromethane	108	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-77**

Lab Sample ID: 660-20784-51
Client Matrix: Water

Date Sampled: 01/24/2008 1122
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 0927
Date Prepared: 01/31/2008 0927

Analysis Batch: 660-57065

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3047.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	39		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	18		0.45	1.0
cis-1,2-Dichloroethene	3.5		0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: MW-77

Lab Sample ID: 660-20784-51
Client Matrix: Water

Date Sampled: 01/24/2008 1122
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 0927
Date Prepared: 01/31/2008 0927

Analysis Batch: 660-57065

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3047.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	1.3		0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	24		0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	107	77 - 122
4-Bromofluorobenzene	98	74 - 126
Dibromofluoromethane	113	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-20**

Lab Sample ID: 660-20784-52
Client Matrix: Water

Date Sampled: 01/24/2008 1211
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 0949
Date Prepared: 01/31/2008 0949

Analysis Batch: 660-57065

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3048.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.96	I	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	1.1		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.94	I	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: MW-20

Lab Sample ID: 660-20784-52
Client Matrix: Water

Date Sampled: 01/24/2008 1211
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 0949
Date Prepared: 01/31/2008 0949

Analysis Batch: 660-57065

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3048.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	~~0.73~~ 1.0	~~+~~ U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	1.3		0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	109	77 - 122
4-Bromofluorobenzene	97	74 - 126
Dibromofluoromethane	114	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: MW-9S

Lab Sample ID: 660-20784-53
Client Matrix: Water

Date Sampled: 01/24/2008 1408
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 1017
Date Prepared: 01/31/2008 1017

Analysis Batch: 660-57065

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3049.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	6.4		2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-9S**

Lab Sample ID: 660-20784-53
Client Matrix: Water

Date Sampled: 01/24/2008 1408
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 1017
Date Prepared: 01/31/2008 1017

Analysis Batch: 660-57065

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3049.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	109	77 - 122
4-Bromofluorobenzene	93	74 - 126
Dibromofluoromethane	107	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: MW-9D

Lab Sample ID: 660-20784-54
Client Matrix: Water

Date Sampled: 01/24/2008 1400
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 1040
Date Prepared: 01/31/2008 1040

Analysis Batch: 660-57065

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3050.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: MW-9D

Lab Sample ID: 660-20784-54
Client Matrix: Water

Date Sampled: 01/24/2008 1400
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 1040
Date Prepared: 01/31/2008 1040

Analysis Batch: 660-57065

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3050.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	119	77 - 122
4-Bromofluorobenzene	110	74 - 126
Dibromofluoromethane	128	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: MW-9D

Lab Sample ID: 660-20784-54
Client Matrix: Water

Date Sampled: 01/24/2008 1400
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 2.0
Date Analyzed: 02/01/2008 2133
Date Prepared: 02/01/2008 2133

Analysis Batch: 660-57130
Run Type: DL

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0133.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Acetone	580	D	20	40

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-76**

Lab Sample ID: 660-20784-55
Client Matrix: Water

Date Sampled: 01/24/2008 1445
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 1102
Date Prepared: 01/31/2008 1102

Analysis Batch: 660-57065

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3051.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	3.5		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	3.1		0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: MW-76

Lab Sample ID: 660-20784-55
Client Matrix: Water

Date Sampled: 01/24/2008 1445
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 1102
Date Prepared: 01/31/2008 1102

Analysis Batch: 660-57065

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3051.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	3.1		0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	51		0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	23		9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	98	77 - 122
4-Bromofluorobenzene	87	74 - 126
Dibromofluoromethane	103	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: MW-25

Lab Sample ID: 660-20784-56
Client Matrix: Water

Date Sampled: 01/24/2008 1550
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 1124
Date Prepared: 01/31/2008 1124

Analysis Batch: 660-57065

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3052.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	14		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	7.5		0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: MW-25

Lab Sample ID: 660-20784-56
Client Matrix: Water

Date Sampled: 01/24/2008 1550
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 1124
Date Prepared: 01/31/2008 1124

Analysis Batch: 660-57065

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3052.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	2.3		0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	109	77 - 122
4-Bromofluorobenzene	98	74 - 126
Dibromofluoromethane	117	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: MW-85

Lab Sample ID: 660-20784-57
Client Matrix: Water

Date Sampled: 01/24/2008 1452
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 1146
Date Prepared: 01/31/2008 1146

Analysis Batch: 660-57065

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3053.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	98		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	92		0.45	1.0
cis-1,2-Dichloroethene	34		0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-85**

Lab Sample ID: 660-20784-57
Client Matrix: Water

Date Sampled: 01/24/2008 1452
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 1146
Date Prepared: 01/31/2008 1146

Analysis Batch: 660-57065

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3053.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	7.6		0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	95	77 - 122
4-Bromofluorobenzene	89	74 - 126
Dibromofluoromethane	104	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-233**

Lab Sample ID: 660-20784-58
Client Matrix: Water

Date Sampled: 01/24/2008 1715
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 1208
Date Prepared: 01/31/2008 1208

Analysis Batch: 660-57065

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3054.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-233**

Lab Sample ID: 660-20784-58
Client Matrix: Water

Date Sampled: 01/24/2008 1715
Date Received: 01/25/2008 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 1208
Date Prepared: 01/31/2008 1208

Analysis Batch: 660-57065

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3054.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	~~0.58~~ /.0	~~+~~ U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	106	77 - 122
4-Bromofluorobenzene	98	74 - 126
Dibromofluoromethane	112	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-94**

Lab Sample ID: 660-20784-1
Client Matrix: Water

Date Sampled: 01/24/2008 1630
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/27/2008 0747
Date Prepared: 01/27/2008 0747

Analysis Batch: 660-56873

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2656.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	19		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-95**

Lab Sample ID: 660-20784-2
Client Matrix: Water

Date Sampled: 01/24/2008 1547
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/27/2008 0809
Date Prepared: 01/27/2008 0809

Analysis Batch: 660-56873

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2657.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	35		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **TB-1**

Lab Sample ID: 660-20784-3
Client Matrix: Water

Date Sampled: 01/24/2008 0000
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/27/2008 0832
Date Prepared: 01/27/2008 0832

Analysis Batch: 660-56873

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2658.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **RW-2**

Lab Sample ID: 660-20784-4
Client Matrix: Water

Date Sampled: 01/24/2008 0930
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/27/2008 0854
Date Prepared: 01/27/2008 0854

Analysis Batch: 660-56873

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2659.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-12**

Lab Sample ID: 660-20784-5
Client Matrix: Water

Date Sampled: 01/24/2008 1035
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/27/2008 0916
Date Prepared: 01/27/2008 0916

Analysis Batch: 660-56873

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2660.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	23		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-5**

Lab Sample ID: 660-20784-6
Client Matrix: Water

Date Sampled: 01/24/2008 1130
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/27/2008 0938
Date Prepared: 01/27/2008 0938

Analysis Batch: 660-56873

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2661.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-114**

Lab Sample ID: 660-20784-7
Client Matrix: Water

Date Sampled: 01/24/2008 1420
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/27/2008 1000
Date Prepared: 01/27/2008 1000

Analysis Batch: 660-56873

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2662.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.1		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-83**

Lab Sample ID: 660-20784-8
Client Matrix: Water

Date Sampled: 01/24/2008 1525
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/27/2008 1022
Date Prepared: 01/27/2008 1022

Analysis Batch: 660-56873

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2663.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **Private Well 84**

Lab Sample ID: 660-20784-9
Client Matrix: Water

Date Sampled: 01/24/2008 1540
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/27/2008 1045
Date Prepared: 01/27/2008 1045

Analysis Batch: 660-56873

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA2664.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-32**

Lab Sample ID: 660-20784-10
Client Matrix: Water

Date Sampled: 01/24/2008 1012
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 1420
Date Prepared: 01/31/2008 1420

Analysis Batch: 660-57011

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3060.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	2.6		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-7S**

Lab Sample ID: 660-20784-11
Client Matrix: Water

Date Sampled: 01/24/2008 1054
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 0756
Date Prepared: 01/30/2008 0756

Analysis Batch: 660-57039

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2948.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **Dup7**

Lab Sample ID: 660-20784-12
Client Matrix: Water

Date Sampled: 01/24/2008 0000
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 0818
Date Prepared: 01/30/2008 0818

Analysis Batch: 660-57039

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2949.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-7D**

Lab Sample ID: 660-20784-13
Client Matrix: Water

Date Sampled: 01/24/2008 1117
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 0840
Date Prepared: 01/30/2008 0840

Analysis Batch: 660-57039

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2950.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-159**

Lab Sample ID: 660-20784-14
Client Matrix: Water

Date Sampled: 01/24/2008 1515
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 1223
Date Prepared: 01/30/2008 1223

Analysis Batch: 660-57039

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2960.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-157**

Lab Sample ID: 660-20784-15
Client Matrix: Water

Date Sampled: 01/24/2008 1422
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 1245
Date Prepared: 01/30/2008 1245

Analysis Batch: 660-57039

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2961.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-160**

Lab Sample ID: 660-20784-16
Client Matrix: Water

Date Sampled: 01/24/2008 1515
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 0947
Date Prepared: 01/30/2008 0947

Analysis Batch: 660-57039

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2953.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-156**

Lab Sample ID: 660-20784-17
Client Matrix: Water

Date Sampled: 01/24/2008 1425
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 1009
Date Prepared: 01/30/2008 1009

Analysis Batch: 660-57039

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2954.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-11**

Lab Sample ID: 660-20784-18
Client Matrix: Water

Date Sampled: 01/24/2008 1105
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 1031
Date Prepared: 01/30/2008 1031

Analysis Batch: 660-57039

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2955.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: EB-7

Lab Sample ID: 660-20784-19
Client Matrix: Water

Date Sampled: 01/24/2008 1628
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 1054
Date Prepared: 01/30/2008 1054

Analysis Batch: 660-57039

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2956.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **TB-7**

Lab Sample ID: 660-20784-20
Client Matrix: Water

Date Sampled: 01/24/2008 0000
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 1116
Date Prepared: 01/30/2008 1116

Analysis Batch: 660-57039

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2957.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **TB-6**

Lab Sample ID: 660-20784-21
Client Matrix: Water

Date Sampled: 01/24/2008 0000
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 1138
Date Prepared: 01/30/2008 1138

Analysis Batch: 660-57039

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2958.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: EB-6

Lab Sample ID: 660-20784-22
Client Matrix: Water

Date Sampled: 01/24/2008 1645
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 1200
Date Prepared: 01/30/2008 1200

Analysis Batch: 660-57039

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2959.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-107**

Lab Sample ID: 660-20784-23
Client Matrix: Water

Date Sampled: 01/24/2008 1450
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 1307
Date Prepared: 01/30/2008 1307

Analysis Batch: 660-57039

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2962.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-153**

Lab Sample ID: 660-20784-24
Client Matrix: Water

Date Sampled: 01/24/2008 1045
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 1329
Date Prepared: 01/30/2008 1329

Analysis Batch: 660-57039

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2963.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-155**

Lab Sample ID: 660-20784-25
Client Matrix: Water

Date Sampled: 01/24/2008 1130
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 1352
Date Prepared: 01/30/2008 1352

Analysis Batch: 660-57039

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2964.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-161**

Lab Sample ID: 660-20784-26
Client Matrix: Water

Date Sampled: 01/24/2008 1554
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 1414
Date Prepared: 01/30/2008 1414

Analysis Batch: 660-57039

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2965.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-158**

Lab Sample ID: 660-20784-27
Client Matrix: Water

Date Sampled: 01/24/2008 1535
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 1436
Date Prepared: 01/30/2008 1436

Analysis Batch: 660-57039

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2966.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	84		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **EB-9**

Lab Sample ID: 660-20784-28
Client Matrix: Water

Date Sampled: 01/24/2008 1650
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 1459
Date Prepared: 01/30/2008 1459

Analysis Batch: 660-57039

Instrument ID: BVMJ GC/MS
Lab File ID: 2JA2967.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-124**

Lab Sample ID: 660-20784-29
Client Matrix: Water

Date Sampled: 01/24/2008 0930
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 1442
Date Prepared: 01/31/2008 1442

Analysis Batch: 660-57011

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3061.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	2.3		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-126**

Lab Sample ID: 660-20784-30
Client Matrix: Water

Date Sampled: 01/24/2008 1010
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 2026
Date Prepared: 01/30/2008 2026

Analysis Batch: 660-57063

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3012.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-106**

Lab Sample ID: 660-20784-31
Client Matrix: Water

Date Sampled: 01/24/2008 1018
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 2048
Date Prepared: 01/30/2008 2048

Analysis Batch: 660-57063

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3013.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-112**

Lab Sample ID: 660-20784-32
Client Matrix: Water

Date Sampled: 01/24/2008 1045
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 2111
Date Prepared: 01/30/2008 2111

Analysis Batch: 660-57063

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3014.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-195**

Lab Sample ID: 660-20784-33
Client Matrix: Water

Date Sampled: 01/24/2008 1214
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 2133
Date Prepared: 01/30/2008 2133

Analysis Batch: 660-57063

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3015.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-194**

Lab Sample ID: 660-20784-34
Client Matrix: Water

Date Sampled: 01/24/2008 1245
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 2155
Date Prepared: 01/30/2008 2155

Analysis Batch: 660-57063

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3016.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-193**

Lab Sample ID: 660-20784-35
Client Matrix: Water

Date Sampled: 01/24/2008 1248
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 2218
Date Prepared: 01/30/2008 2218

Analysis Batch: 660-57063

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3017.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **Dup6**

Lab Sample ID: 660-20784-36
Client Matrix: Water

Date Sampled: 01/24/2008 0000
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 2240
Date Prepared: 01/30/2008 2240

Analysis Batch: 660-57063

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3018.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-184**

Lab Sample ID: 660-20784-37
Client Matrix: Water

Date Sampled: 01/24/2008 1510
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 2302
Date Prepared: 01/30/2008 2302

Analysis Batch: 660-57063

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3019.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-183**

Lab Sample ID: 660-20784-38
Client Matrix: Water

Date Sampled: 01/24/2008 1519
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 2325
Date Prepared: 01/30/2008 2325

Analysis Batch: 660-57063

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3020.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-185**

Lab Sample ID: 660-20784-39
Client Matrix: Water

Date Sampled: 01/24/2008 1600
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/30/2008 2347
Date Prepared: 01/30/2008 2347

Analysis Batch: 660-57063

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3021.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-187**

Lab Sample ID: 660-20784-40
Client Matrix: Water

Date Sampled: 01/24/2008 1610
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 0009
Date Prepared: 01/31/2008 0009

Analysis Batch: 660-57063

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3022.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-186**

Lab Sample ID: 660-20784-41
Client Matrix: Water

Date Sampled: 01/24/2008 1640
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 0032
Date Prepared: 01/31/2008 0032

Analysis Batch: 660-57063

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3023.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **Dup9**

Lab Sample ID: 660-20784-42
Client Matrix: Water

Date Sampled: 01/24/2008 0000
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 0054
Date Prepared: 01/31/2008 0054

Analysis Batch: 660-57063

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3024.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: TB-9

Lab Sample ID: 660-20784-43
Client Matrix: Water

Date Sampled: 01/24/2008 0000
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 0116
Date Prepared: 01/31/2008 0116

Analysis Batch: 660-57063

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3025.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: TB-8

Lab Sample ID: 660-20784-44
Client Matrix: Water

Date Sampled: 01/24/2008 0000
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 0139
Date Prepared: 01/31/2008 0139

Analysis Batch: 660-57063

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3026.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **EB-8**

Lab Sample ID: 660-20784-45
Client Matrix: Water

Date Sampled: 01/24/2008 1630
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 0201
Date Prepared: 01/31/2008 0201

Analysis Batch: 660-57063

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3027.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **Dup-8**

Lab Sample ID: 660-20784-46
Client Matrix: Water

Date Sampled: 01/24/2008 0000
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 4.0
Date Analyzed: 02/06/2008 1958
Date Prepared: 02/06/2008 1958

Analysis Batch: 660-57263

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0632.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	220		4.0	4.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-15S**

Lab Sample ID: 660-20784-47
Client Matrix: Water

Date Sampled: 01/24/2008 0918
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 0246
Date Prepared: 01/31/2008 0246

Analysis Batch: 660-57063

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3029.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-15D**

Lab Sample ID: 660-20784-48
Client Matrix: Water

Date Sampled: 01/24/2008 0910
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 0308
Date Prepared: 01/31/2008 0308

Analysis Batch: 660-57063

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3030.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	7.5		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-14S**

Lab Sample ID: 660-20784-49
Client Matrix: Water

Date Sampled: 01/24/2008 1012
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 0842
Date Prepared: 01/31/2008 0842

Analysis Batch: 660-57011

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3045.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-14D**

Lab Sample ID: 660-20784-50
Client Matrix: Water

Date Sampled: 01/24/2008 1009
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 0904
Date Prepared: 01/31/2008 0904

Analysis Batch: 660-57011

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3046.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-77**

Lab Sample ID: 660-20784-51
Client Matrix: Water

Date Sampled: 01/24/2008 1122
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 2.0
Date Analyzed: 01/31/2008 1526
Date Prepared: 01/31/2008 1526

Analysis Batch: 660-57011

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3063.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	150		2.0	2.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-20**

Lab Sample ID: 660-20784-52
Client Matrix: Water

Date Sampled: 01/24/2008 1211
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 0949
Date Prepared: 01/31/2008 0949

Analysis Batch: 660-57011

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3048.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	6.1		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-9S**

Lab Sample ID: 660-20784-53
Client Matrix: Water

Date Sampled: 01/24/2008 1408
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 1017
Date Prepared: 01/31/2008 1017

Analysis Batch: 660-57011

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3049.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-9D**

Lab Sample ID: 660-20784-54
Client Matrix: Water

Date Sampled: 01/24/2008 1400
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 1040
Date Prepared: 01/31/2008 1040

Analysis Batch: 660-57011

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3050.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-76**

Lab Sample ID: 660-20784-55
Client Matrix: Water

Date Sampled: 01/24/2008 1445
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 1102
Date Prepared: 01/31/2008 1102

Analysis Batch: 660-57011

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3051.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	9.9		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-25**

Lab Sample ID: 660-20784-56
Client Matrix: Water

Date Sampled: 01/24/2008 1550
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 1124
Date Prepared: 01/31/2008 1124

Analysis Batch: 660-57011

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3052.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	7.7		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-85**

Lab Sample ID: 660-20784-57
Client Matrix: Water

Date Sampled: 01/24/2008 1452
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 10
Date Analyzed: 02/06/2008 2021
Date Prepared: 02/06/2008 2021

Analysis Batch: 660-57263

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0633.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	590		10	10

Analytical Data

Client: ARCADIS

Job Number: 660-20784-1
Sdg Number: 660-20784

Client Sample ID: **MW-233**

Lab Sample ID: 660-20784-58
Client Matrix: Water

Date Sampled: 01/24/2008 1715
Date Received: 01/25/2008 0915

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/31/2008 1208
Date Prepared: 01/31/2008 1208

Analysis Batch: 660-57011

Instrument ID: BVMJ GC/MS
Lab File ID: 1JA3054.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

SAMPLE COMPLIANCE REPORT

SAMPLE COMPLIANCE REPORT

Sample Delivery Group	Sampling Date	Protocol	Sample ID	Matrix	Compliancy[1]					Noncompliance
					VOC	SVOC	PCB/PEST/ HERB	MET	MISC	
660-20784	1/24/2008	SW-846	MW-94	Water	No	--	--	--	--	VOC – CCAL %D
660-20784	1/24/2008	SW-846	MW-32	Water	Yes	--	--	--	--	
660-20784	1/24/2008	SW-846	MW-7S	Water	Yes	--	--	--	--	
660-20784	1/24/2008	SW-846	Dup7	Water	No	--	--	--	--	VOC – CCAL %D
660-20784	1/24/2008	SW-846	MW-7D	Water	Yes	--	--	--	--	
660-20784	1/24/2008	SW-846	MW-159	Water	Yes	--	--	--	--	
660-20784	1/24/2008	SW-846	MW-157	Water	Yes	--	--	--	--	
660-20784	1/24/2008	SW-846	MW-160	Water	Yes	--	--	--	--	
660-20784	1/24/2008	SW-846	MW-156	Water	Yes	--	--	--	--	
660-20784	1/24/2008	SW-846	MW-11	Water	Yes	--	--	--	--	
660-20784	1/24/2008	SW-846	EB-7	Water	Yes	--	--	--	--	
660-20784	1/24/2008	SW-846	MW-95	Water	No	--	--	--	--	VOC – CCAL %D
660-20784	1/24/2008	SW-846	TB-7	Water	Yes	--	--	--	--	
660-20784	1/24/2008	SW-846	TB-6	Water	Yes	--	--	--	--	
660-20784	1/24/2008	SW-846	EB-6	Water	Yes	--	--	--	--	
660-20784	1/24/2008	SW-846	MW-107	Water	Yes	--	--	--	--	
660-20784	1/24/2008	SW-846	MW-153	Water	Yes	--	--	--	--	
660-20784	1/24/2008	SW-846	MW-155	Water	Yes	--	--	--	--	
660-20784	1/24/2008	SW-846	MW-161	Water	Yes	--	--	--	--	
660-20784	1/24/2008	SW-846	MW-158	Water	Yes	--	--	--	--	
660-20784	1/24/2008	SW-846	EB-9	Water	Yes	--	--	--	--	
660-20784	1/24/2008	SW-846	MW-124	Water	No	--	--	--	--	VOC – CCAL %D
660-20784	1/24/2008	SW-846	TB-1	Water	No	--	--	--	--	VOC – CCAL %D
660-20784	1/24/2008	SW-846	MW-126	Water	No	--	--	--	--	VOC – CCAL %D
660-20784	1/24/2008	SW-846	MW-106	Water	No	--	--	--	--	VOC – CCAL %D
660-20784	1/24/2008	SW-846	MW-112	Water	No	--	--	--	--	VOC – CCAL %D, Associated Blank

Sample Delivery Group	Sampling Date	Protocol	Sample ID	Matrix	Compliancy[1]					Noncompliance
					VOC	SVOC	PCB/PEST/ HERB	MET	MISC	
660-20784	1/24/2008	SW-846	MW-195	Water	No	--	--	--	--	VOC – CCAL %D, Associated Blank
660-20784	1/24/2008	SW-846	MW-194	Water	No	--	--	--	--	VOC – CCAL %D
660-20784	1/24/2008	SW-846	MW-193	Water	No	--	--	--	--	VOC – CCAL %D
660-20784	1/24/2008	SW-846	Dup6	Water	No	--	--	--	--	VOC – CCAL %D
660-20784	1/24/2008	SW-846	MW-184	Water	No	--	--	--	--	VOC – CCAL %D
660-20784	1/24/2008	SW-846	MW-183	Water	No	--	--	--	--	VOC – CCAL %D
660-20784	1/24/2008	SW-846	MW-185	Water	No	--	--	--	--	VOC – CCAL %D
660-20784	1/24/2008	SW-846	RW-2	Water	No	--	--	--	--	VOC – CCAL %D
660-20784	1/24/2008	SW-846	MW-187	Water	No	--	--	--	--	VOC – CCAL %D
660-20784	1/24/2008	SW-846	MW-186	Water	No	--	--	--	--	VOC – CCAL %D
660-20784	1/24/2008	SW-846	Dup9	Water	No	--	--	--	--	VOC – CCAL %D
660-20784	1/24/2008	SW-846	TB-9	Water	No	--	--	--	--	VOC – CCAL %D
660-20784	1/24/2008	SW-846	TB-8	Water	No	--	--	--	--	VOC – CCAL %D
660-20784	1/24/2008	SW-846	EB-8	Water	No	--	--	--	--	VOC – CCAL %D
660-20784	1/24/2008	SW-846	Dup-8	Water	No	--	--	--	--	VOC – CCAL %D
660-20784	1/24/2008	SW-846	MW-15S	Water	No	--	--	--	--	VOC – CCAL %D
660-20784	1/24/2008	SW-846	MW-15D	Water	No	--	--	--	--	VOC – CCAL %D
660-20784	1/24/2008	SW-846	MW-14S	Water	Yes	--	--	--	--	
660-20784	1/24/2008	SW-846	MW-12	Water	No	--	--	--	--	VOC – CCAL %D
660-20784	1/24/2008	SW-846	MW-14D	Water	Yes	--	--	--	--	
660-20784	1/24/2008	SW-846	MW-77	Water	Yes	--	--	--	--	
660-20784	1/24/2008	SW-846	MW-20	Water	No	--	--	--	--	VOC – Associated Blank
660-20784	1/24/2008	SW-846	MW-9S	Water	Yes	--	--	--	--	
660-20784	1/24/2008	SW-846	MW-9D	Water	Yes	--	--	--	--	
660-20784	1/24/2008	SW-846	MW-76	Water	Yes	--	--	--	--	
660-20784	1/24/2008	SW-846	MW-25	Water	Yes	--	--	--	--	
660-20784	1/24/2008	SW-846	MW-85	Water	Yes	--	--	--	--	
660-20784	1/24/2008	SW-846	MW-233	Water	No	--	--	--	--	VOC – Associated Blank

Sample Delivery Group	Sampling Date	Protocol	Sample ID	Matrix	Compliancy[1]					Noncompliance
					VOC	SVOC	PCB/PEST/ HERB	MET	MISC	
660-20784	1/24/2008	SW-846	MW-5	Water	No	--	--	--	--	VOC – CCAL %D
660-20784	1/24/2008	SW-846	MW-114	Water	No	--	--	--	--	VOC – CCAL %D
660-20784	1/24/2008	SW-846	MW-83	Water	No	--	--	--	--	VOC – CCAL %D
660-20784	1/24/2008	SW-846	Private Well 84	Water	No	--	--	--	--	VOC – CCAL %D

1 Samples which are compliant with no added validation qualifiers are listed as "yes". Samples which are non-compliant or which have added qualifiers are listed as "no". A "no" designation does not necessarily indicate that the data have been rejected or are otherwise unusable.

ARCADIS

Attachment 3

DATA REVIEW FOR

LOCKHEED MARTIN - TALLEVAST

TALLEVAST, FLORIDA

SDG #660-20815

VOLATILE ANALYSES

Analyses performed by:

TestAmerica Laboratories
Tampa, Florida

Review performed by:

ARCADIS
Infrastructure, environment, facilities

Syracuse, New York
Report #8114R

Summary

The following is an assessment of the data package for sample delivery group (SDG) #660-20815 for sampling from the Lockheed Martin - Tallevast Site. Included with this assessment are the corrected sample results and the sample compliance report. Analyses were performed on the following samples:

Sample ID	Lab ID	Matrix	Sample Date	Analysis				
				VOC	SVOC	PCB	MET	MISC
MW-117	660-20815-1	Water	1/25/2008	X				
MW-241	660-20815-10	Water	1/25/2008	X				
MW-100	660-20815-11	Water	1/25/2008	X				
MW-99	660-20815-12	Water	1/25/2008	X				
EB-10	660-20815-13	Water	1/25/2008	X				
MW-221	660-20815-14	Water	1/25/2008	X				
MW-22	660-20815-15	Water	1/25/2008	X				
MW-23	660-20815-16	Water	1/25/2008	X				
MW-219	660-20815-17	Water	1/25/2008	X				
MW-220	660-20815-18	Water	1/25/2008	X				
MW-222	660-20815-19	Water	1/25/2008	X				
MW-118	660-20815-2	Water	1/25/2008	X				
EB-11	660-20815-20	Water	1/25/2008	X				
MW-73	660-20815-21	Water	1/25/2008	X				
MW-98	660-20815-22	Water	1/25/2008	X				
DUP-11	660-20815-23	Water	1/25/2008	X				
DUP-10	660-20815-24	Water	1/25/2008	X				
MW-103	660-20815-25	Water	1/25/2008	X				
MW-102	660-20815-26	Water	1/25/2008	X				
MW-190	660-20815-27	Water	1/25/2008	X				
EB-13	660-20815-28	Water	1/25/2008	X				
MW-8S	660-20815-29	Water	1/25/2008	X				
MW-119	660-20815-3	Water	1/25/2008	X				
MW-3	660-20815-30	Water	1/25/2008	X				
MW-84	660-20815-31	Water	1/25/2008	X				
MW-4	660-20815-32	Water	1/25/2008	X				
DUP-13	660-20815-33	Water	1/25/2008	X				
TB-13	660-20815-34	Water	1/25/2008	X				
MW-174	660-20815-35	Water	1/25/2008	X				
MW-179	660-20815-36	Water	1/25/2008	X				
MW-116	660-20815-37	Water	1/25/2008	X				
MW-122	660-20815-38	Water	1/25/2008	X				
MW-178	660-20815-39	Water	1/25/2008	X				
MW-120	660-20815-4	Water	1/25/2008	X				
MW-180	660-20815-40	Water	1/25/2008	X				
MW-181	660-20815-41	Water	1/25/2008	X				
TB-10	660-20815-43	Water	1/25/2008	X				
TB-11	660-20815-44	Water	1/25/2008	X				

Sample ID	Lab ID	Matrix	Sample Date	Analysis				
				VOC	SVOC	PCB	MET	MISC
TB-14	660-20815-45	Water	1/25/2008	X				
MW-224	660-20815-5	Water	1/25/2008	X				
MW-227	660-20815-6	Water	1/25/2008	X				
MW-223	660-20815-7	Water	1/25/2008	X				
MW-225	660-20815-8	Water	1/25/2008	X				
MW-226	660-20815-9	Water	1/25/2008	X				

Notes:

1. Sample location DUP-10 is the field duplicate of parent sample location MW-99.
2. Sample location DUP-11 is the field duplicate of parent sample location MW-23.
3. Sample location DUP-13 is the field duplicate of parent sample location MW-179.

VOLATILE ORGANIC COMPOUND (VOC) ANALYSES

Introduction

Analyses were performed according to (United Stated Environmental Protection Agency) USEPA SW-846 Method 8260B total ion monitoring (TIM) and 8260C selective ion monitoring (SIM) by isotope dilution. Data were reviewed in accordance with USEPA National Functional Guidelines of October 1999 and January 2005.

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with USEPA National Functional Guidelines:

U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

J The compound was positively identified; however, the associated numerical value is an estimated concentration only.

B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.

N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.

JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration only.

E The compound was quantitated above the calibration range.

D Concentration is based on a diluted sample analysis.

C Identification confirmed by gas chromatograph/mass spectrometer (GC/MS).

UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.

R The sample results are rejected.

Two facts should be noted by all data users. First, the "R" flag means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

Data Assessment

1. Holding Times

The specified holding times for the following methods are presented in the following table.

Method	Matrix	Holding Time	Preservation
SW-846 8260B/C	Water	14 days from collection to analysis	Cooled @ 4 °C; preserved to a pH of less than 2.
	Soil	48 hours from collection to extraction and 14 days from extraction to analysis	Cooled @ 4 °C.

All samples were analyzed within the specified holding times.

2. Blank Contamination

Quality assurance (QA) blanks (i.e., method, trip, and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure contamination of samples during shipment. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank (common laboratory contaminant compounds are calculated at ten times) is calculated for QA blanks containing concentrations greater than the method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

Target compounds were detected in the associated QA blanks. Sample results associated with blank contamination that were greater than the BAL and/or non-detect did not result in any qualification of data. Sample results less than the BAL associated with the following sample locations were qualified as listed in the following table.

Sample Locations	Analytes	Sample Result	Qualification
MW-120 MW-224 MW-226 MW-220 MW-181	Toluene	Detected sample results <RL and <BAL	"U" at the PQL
MW-99 MW-22 DUP-10 MW-103 MW-102 MW-4	o-Xylene	Detected sample results <RL and <BAL	"U" at the PQL

RL = reporting limit

3. Mass Spectrometer Tuning

Mass spectrometer performance was acceptable.

System performance and column resolution were acceptable.

4. Calibration

Satisfactory instrument calibration is established to insure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument daily performance is satisfactory.

4.1 Initial Calibration

The method specifies percent relative standard deviation (%RSD) and relative response factor (RRF) limits for select compounds only. A technical review of the data applies limits to all compounds with no exceptions.

All target compounds analyzed by 8260B associated with the initial calibration standards must exhibit a %RSD less than the control limit (15%) or a correlation coefficient greater than 0.99. The compounds analyzed by method 8260B TIM must exhibit a RRF value greater than the control limit (0.05). The analysis of the target compound 1,4-Dioxane performed by method 8260C SIM by isotope dilution must exhibit a RRF value greater than the control limit (0.005).

4.2 Continuing Calibration

All target compounds analyzed by 8260B associated with the continuing calibration standard must exhibit a percent difference (%D) less then the control limit (20%) with the exception of 1,4-Dioxane must exhibit a %D less than the control limit of (50%). The compounds analyzed by method 8260B TIM must exhibit a RRF value greater than the control limit (0.05). The analysis of the target compound 1,4-Dioxane performed by method 8260C SIM by isotope dilution must exhibit a RRF value greater than the control limit (0.005).

All compounds associated with the calibrations were within the specified control limits, with the exception of the compounds presented in the following table.

Sample Locations	Initial/Continuing	Compound	Criteria
MW-224 MW-227 MW-223 MW-225 MW-226 MW-241 MW-100 MW-99 EB-10 MW-221 MW-22 MW-23 MW-219 MW-220	CCV %D	1,2,3-Trichlorobenzene	-28.6%
		1,2,4-Trichlorobenzene	-28.6%
		Bromomethane	-26.0%
		Hexachlorobutadiene	-21.7%
		Naphthalene	-20.8%
MW-178 MW-180 MW-181 TB-10 TB-11 TB-14	CCV %D	trans-1,2-Dichloroethene	-21.5%
		1,2,4-Trichlorobenzene	-24.7%
		2,2-Dichloropropane	-22.9%
		4-Methyl-2-pentanone	21.0%
		Benzene	-21.3%
		Bromomethane	-22.4%

Sample Locations	Initial/Continuing	Compound	Criteria
		Chlorobromomethane	-20.2%
		Chloroethane	54.4%
		Hexachlorobutadiene	-22.7%

The criteria used to evaluate the initial and continuing calibration are presented in the following table. In the case of a calibration deviation, the sample results are qualified.

Initial/Continuing	Criteria	Sample Result	Qualification
Initial and Continuing Calibration	RRF <0.05	Non-detect	R
		Detect	J
	RRF <0.01[1]	Non-detect	R
		Detect	J
	RRF >0.05 or RRF >0.01[1]	Non-detect	No Action
		Detect	
Initial Calibration	%RSD > 15% or a correlation coefficient <0.99	Non-detect	UJ
		Detect	J
Continuing Calibration	%D >20% (increase in sensitivity)	Non-detect	No Action
		Detect	J
	%D >20% (decrease in sensitivity)	Non-detect	UJ
		Detect	J
	%D >90%	Non-detect	R
		Detect	J

1. RRF of 0.01 only applies to compounds which are typically poor responding compounds (i.e. ketones, 1,4-Dioxane, etc.)

5. Surrogates/System Monitoring Compounds

All samples to be analyzed for organic compounds are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. VOC analysis requires that all surrogates associated with the analysis exhibit recoveries within the laboratory-established acceptance limits.

All surrogate recoveries were within control limits.

6. Internal Standard Performance

Internal standard performance criteria insure that the GC/MS sensitivity and response are stable during every sample analysis. The criteria requires the internal standard compounds associated with the VOC exhibit area counts that are not greater than two times (+100%) or less than one-half (-50%) of the area counts of the associated continuing calibration standard.

All internal standard areas and retention times were within established limits.

7. Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analysis

MS/MSD data are used to assess the precision and accuracy of the analytical method. The compounds used to perform the MS/MSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits. The relative percent difference (RPD) between the MS/MSD recoveries must exhibit an RPD within the laboratory-established acceptance limits.

> Note: The MS/MSD recovery control limits do not apply for MS/MSD performed on sample locations were the compound concentration detected in the parent sample exceeds the MS/MSD concentration by a factor of four or greater.

A MS/MSD was not performed on a sample location within this SDG.

8. Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) Analysis

The LCS/LCSD analysis is used to assess the precision and accuracy of the analytical method independent of matrix interferences. The compounds associated with the LCS/LCSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits.

All compounds associated with the LCS/LCSD analysis exhibited acceptable recoveries and RPD between the LCS/LCSD recoveries.

9. Field Duplicate Analysis

Field duplicate analysis is used to assess the precision and accuracy of the field sampling procedures and analytical method. A control limit of 50% for water matrices is applied to the RPD between the parent sample and the field duplicate.

Results for duplicate samples are summarized in the following table.

Sample ID/Duplicate ID	Compound	Sample Result	Duplicate Result	RPD
MW-99/DUP-10	m-Xylene & p-Xylene	ND(1.0)	0.71 I	AC
MW-23/DUP-11	Acetone	15 I	ND(20)	AC
	1,4-Dioxane (SIM ID)	4.0	4.9	AC
MW-179/DUP-13	All Compounds	ND	ND	AC

NC = Not compliant.
ND = Not detected.
AC = The field duplicate RPD is acceptable when the RPD between parent sample and field duplicate sample is less than one times the RL and where the parent sample and/or duplicate concentration is less than five times the RL.

The calculated RPDs between the parent sample and field duplicate were acceptable.

10. Compound Identification

Compounds are identified on the GC/MS by using the analytes relative retention time and ion spectra.

Sample results associated with compound that exhibited a concentration greater than the linear range of the instrument calibration are summarized in the following table.

Sample ID	Compound	Original Analysis	Diluted Analysis	Reported Analysis
MW-98	1,1-Dichloroethane	160 E	170 D	170 D
	1,1-Dichloroethene	350 E	480 D	480 D

Note: In the instance where both the original analysis and the diluted analysis sample results exhibited a concentration greater than and/or less than the calibration linear range of the instrument; the sample result exhibiting the greatest concentration will be reported as the final result.

Sample results associated with compounds exhibiting concentrations greater than the linear range are qualified as documented in the table below when reported as the final reported sample result.

Reported Sample Results	Qualification
Diluted sample result within calibration range	D
Diluted sample result less than the calibration range	DJ
Diluted sample result greater than the calibration range	EDJ
Original sample result greater than the calibration range	EJ

11. System Performance and Overall Assessment

Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

CORRECTED SAMPLE ANALYSIS DATA SHEETS

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: MW-117

Lab Sample ID: 660-20815-1
Client Matrix: Water

Date Sampled: 01/25/2008 0903
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/01/2008 2155
Date Prepared: 02/01/2008 2155

Analysis Batch: 660-57130

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0134.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-117**

Lab Sample ID: 660-20815-1
Client Matrix: Water

Date Sampled: 01/25/2008 0903
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/01/2008 2155
Date Prepared: 02/01/2008 2155

Analysis Batch: 660-57130

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0134.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	1.2		0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	108	77 - 122
4-Bromofluorobenzene	97	74 - 126
Dibromofluoromethane	112	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-118**

Lab Sample ID: 660-20815-2
Client Matrix: Water

Date Sampled: 01/25/2008 0840
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/01/2008 2217
Date Prepared: 02/01/2008 2217

Analysis Batch: 660-57130

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0135.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-118**

Lab Sample ID: 660-20815-2
Client Matrix: Water

Date Sampled: 01/25/2008 0840
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/01/2008 2217
Date Prepared: 02/01/2008 2217

Analysis Batch: 660-57130

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0135.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	107	77 - 122
4-Bromofluorobenzene	96	74 - 126
Dibromofluoromethane	110	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-119**

Lab Sample ID: 660-20815-3
Client Matrix: Water

Date Sampled: 01/25/2008 0806
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/01/2008 2240
Date Prepared: 02/01/2008 2240

Analysis Batch: 660-57130

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0136.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-119**

Lab Sample ID: 660-20815-3
Client Matrix: Water

Date Sampled: 01/25/2008 0806
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/01/2008 2240
Date Prepared: 02/01/2008 2240

Analysis Batch: 660-57130

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0136.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	32		9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	99	77 - 122
4-Bromofluorobenzene	89	74 - 126
Dibromofluoromethane	101	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-120**

Lab Sample ID: 660-20815-4
Client Matrix: Water

Date Sampled: 01/25/2008 0750
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/06/2008 2043
Date Prepared: 02/06/2008 2043

Analysis Batch: 660-57307

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0634.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-120**

Lab Sample ID: 660-20815-4
Client Matrix: Water

Date Sampled: 01/25/2008 0750
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/06/2008 2043
Date Prepared: 02/06/2008 2043

Analysis Batch: 660-57307

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0634.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	~~0.71~~ 1.0	~~+~~ U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	111	77 - 122
4-Bromofluorobenzene	103	74 - 126
Dibromofluoromethane	104	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: MW-224

Lab Sample ID: 660-20815-5
Client Matrix: Water

Date Sampled: 01/25/2008 1020
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/02/2008 0541
Date Prepared: 02/02/2008 0541

Analysis Batch: 660-57134

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0155.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U J	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U J	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U J	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: MW-224

Lab Sample ID: 660-20815-5
Client Matrix: Water

Date Sampled: 01/25/2008 1020
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/02/2008 0541
Date Prepared: 02/02/2008 0541

Analysis Batch: 660-57134

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0155.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	~~0.53~~ 1.0	~~J~~ U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	100	77 - 122
4-Bromofluorobenzene	87	74 - 126
Dibromofluoromethane	102	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: MW-227

Lab Sample ID: 660-20815-6
Client Matrix: Water

Date Sampled: 01/25/2008 1032
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/02/2008 0603
Date Prepared: 02/02/2008 0603

Analysis Batch: 660-57134

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0156.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U J	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U J	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U J	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-227**

Lab Sample ID: 660-20815-6
Client Matrix: Water

Date Sampled: 01/25/2008 1032
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/02/2008 0603
Date Prepared: 02/02/2008 0603

Analysis Batch: 660-57134

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0156.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	92	77 - 122
4-Bromofluorobenzene	81	74 - 126
Dibromofluoromethane	94	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: MW-223

Lab Sample ID: 660-20815-7
Client Matrix: Water

Date Sampled: 01/25/2008 1100
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/02/2008 0625
Date Prepared: 02/02/2008 0625

Analysis Batch: 660-57134

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0157.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U J	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U J	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U J	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-223**

Lab Sample ID: 660-20815-7
Client Matrix: Water

Date Sampled: 01/25/2008 1100
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/02/2008 0625
Date Prepared: 02/02/2008 0625

Analysis Batch: 660-57134

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0157.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U J	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U J	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	103	77 - 122
4-Bromofluorobenzene	88	74 - 126
Dibromofluoromethane	104	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-225**

Lab Sample ID: 660-20815-8
Client Matrix: Water

Date Sampled: 01/25/2008 1120
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/06/2008 2105
Date Prepared: 02/06/2008 2105

Analysis Batch: 660-57307

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0635.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U J	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U J	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U J	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: MW-225

Lab Sample ID: 660-20815-8
Client Matrix: Water

Date Sampled: 01/25/2008 1120
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/06/2008 2105
Date Prepared: 02/06/2008 2105

Analysis Batch: 660-57307

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0635.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	116	77 - 122
4-Bromofluorobenzene	106	74 - 126
Dibromofluoromethane	110	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-226**

Lab Sample ID: 660-20815-9
Client Matrix: Water

Date Sampled: 01/25/2008 1155
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/02/2008 0709
Date Prepared: 02/02/2008 0709

Analysis Batch: 660-57134

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0159.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-226**

Lab Sample ID: 660-20815-9
Client Matrix: Water

Date Sampled: 01/25/2008 1155
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/02/2008 0709
Date Prepared: 02/02/2008 0709

Analysis Batch: 660-57134

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0159.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.55 1.0	+ U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U J	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U J	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	104	77 - 122
4-Bromofluorobenzene	89	74 - 126
Dibromofluoromethane	108	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-241**

Lab Sample ID: 660-20815-10
Client Matrix: Water

Date Sampled: 01/25/2008 1157
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/02/2008 0731
Date Prepared: 02/02/2008 0731

Analysis Batch: 660-57134

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0160.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U J	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U J	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U J	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-241**

Lab Sample ID: 660-20815-10
Client Matrix: Water

Date Sampled: 01/25/2008 1157
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/02/2008 0731
Date Prepared: 02/02/2008 0731

Analysis Batch: 660-57134

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0160.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	105	77 - 122
4-Bromofluorobenzene	91	74 - 126
Dibromofluoromethane	108	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: MW-100

Lab Sample ID: 660-20815-11
Client Matrix: Water

Date Sampled: 01/25/2008 1300
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/02/2008 0754
Date Prepared: 02/02/2008 0754

Analysis Batch: 660-57134

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0161.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U J	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	7.5		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	2.2		0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U J	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U J	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: MW-100

Lab Sample ID: 660-20815-11
Client Matrix: Water

Date Sampled: 01/25/2008 1300
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/02/2008 0754
Date Prepared: 02/02/2008 0754

Analysis Batch: 660-57134

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0161.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	101	77 - 122
4-Bromofluorobenzene	87	74 - 126
Dibromofluoromethane	103	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-99**

Lab Sample ID: 660-20815-12
Client Matrix: Water

Date Sampled: 01/25/2008 1303
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/02/2008 0816
Date Prepared: 02/02/2008 0816

Analysis Batch: 660-57134

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0162.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-99**

Lab Sample ID: 660-20815-12
Client Matrix: Water

Date Sampled: 01/25/2008 1303
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/02/2008 0816
Date Prepared: 02/02/2008 0816

Analysis Batch: 660-57134

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0162.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U J	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U J	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	~~0.54~~ 1.0	~~U~~ U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	108	77 - 122
4-Bromofluorobenzene	89	74 - 126
Dibromofluoromethane	113	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: EB-10

Lab Sample ID: 660-20815-13
Client Matrix: Water

Date Sampled: 01/25/2008 1323
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/02/2008 0838
Date Prepared: 02/02/2008 0838

Analysis Batch: 660-57134

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0163.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U J	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U J	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U J	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **EB-10**

Lab Sample ID: 660-20815-13
Client Matrix: Water

Date Sampled: 01/25/2008 1323
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/02/2008 0838
Date Prepared: 02/02/2008 0838

Analysis Batch: 660-57134

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0163.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	100	77 - 122
4-Bromofluorobenzene	85	74 - 126
Dibromofluoromethane	105	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-221**

Lab Sample ID: 660-20815-14
Client Matrix: Water

Date Sampled: 01/25/2008 1343
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/02/2008 0900
Date Prepared: 02/02/2008 0900

Analysis Batch: 660-57134

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0164.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U J	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U J	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U J	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: MW-221

Lab Sample ID: 660-20815-14
Client Matrix: Water

Date Sampled: 01/25/2008 1343
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/02/2008 0900
Date Prepared: 02/02/2008 0900

Analysis Batch: 660-57134

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0164.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	105	77 - 122
4-Bromofluorobenzene	89	74 - 126
Dibromofluoromethane	109	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-22**

Lab Sample ID: 660-20815-15
Client Matrix: Water

Date Sampled: 01/25/2008 1121
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/02/2008 0922
Date Prepared: 02/02/2008 0922

Analysis Batch: 660-57134

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0165.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U J	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U J	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U J	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: MW-22

Lab Sample ID: 660-20815-15
Client Matrix: Water

Date Sampled: 01/25/2008 1121
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/02/2008 0922
Date Prepared: 02/02/2008 0922

Analysis Batch: 660-57134

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0165.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	~~0.52~~ 1.0	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	100	77 - 122
4-Bromofluorobenzene	86	74 - 126
Dibromofluoromethane	105	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-23**

Lab Sample ID: 660-20815-16
Client Matrix: Water

Date Sampled: 01/25/2008 1041
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/02/2008 0944
Date Prepared: 02/02/2008 0944

Analysis Batch: 660-57134

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0166.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U J	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U J	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U J	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: MW-23

Lab Sample ID: 660-20815-16
Client Matrix: Water

Date Sampled: 01/25/2008 1041
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/02/2008 0944
Date Prepared: 02/02/2008 0944

Analysis Batch: 660-57134

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0166.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U J	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U J	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	15	I	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	92	77 - 122
4-Bromofluorobenzene	82	74 - 126
Dibromofluoromethane	97	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-219**

Lab Sample ID: 660-20815-17
Client Matrix: Water

Date Sampled: 01/25/2008 1252
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/02/2008 1006
Date Prepared: 02/02/2008 1006

Analysis Batch: 660-57134

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0167.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U J	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U J	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U J	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-219**

Lab Sample ID: 660-20815-17
Client Matrix: Water

Date Sampled: 01/25/2008 1252
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/02/2008 1006
Date Prepared: 02/02/2008 1006

Analysis Batch: 660-57134

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0167.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	33		0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	113	77 - 122
4-Bromofluorobenzene	96	74 - 126
Dibromofluoromethane	112	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-220**

Lab Sample ID: 660-20815-18
Client Matrix: Water

Date Sampled: 01/25/2008 1251
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/02/2008 1028
Date Prepared: 02/02/2008 1028

Analysis Batch: 660-57134

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0168.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: MW-220

Lab Sample ID: 660-20815-18
Client Matrix: Water

Date Sampled: 01/25/2008 1251
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/02/2008 1028
Date Prepared: 02/02/2008 1028

Analysis Batch: 660-57134

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0168.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	~~0.53~~ 1.0	~~U~~	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U J	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U J	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	99	77 - 122
4-Bromofluorobenzene	85	74 - 126
Dibromofluoromethane	106	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: MW-222

Lab Sample ID: 660-20815-19
Client Matrix: Water

Date Sampled: 01/25/2008 1341
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0058
Date Prepared: 02/03/2008 0058

Analysis Batch: 660-57197

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0235.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-222**

Lab Sample ID: 660-20815-19
Client Matrix: Water

Date Sampled: 01/25/2008 1341
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0058
Date Prepared: 02/03/2008 0058

Analysis Batch: 660-57197

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0235.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	1.1		0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	101	77 - 122
4-Bromofluorobenzene	100	74 - 126
Dibromofluoromethane	106	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: EB-11

Lab Sample ID: 660-20815-20
Client Matrix: Water

Date Sampled: 01/25/2008 1345
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0120
Date Prepared: 02/03/2008 0120

Analysis Batch: 660-57197

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0236.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: EB-11

Lab Sample ID: 660-20815-20
Client Matrix: Water

Date Sampled: 01/25/2008 1345
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0120
Date Prepared: 02/03/2008 0120

Analysis Batch: 660-57197

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0236.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.99	I	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	93	77 - 122
4-Bromofluorobenzene	92	74 - 126
Dibromofluoromethane	90	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: MW-73

Lab Sample ID: 660-20815-21
Client Matrix: Water

Date Sampled: 01/25/2008 1455
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0143
Date Prepared: 02/03/2008 0143

Analysis Batch: 660-57197

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0237.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	53		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	91		0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: MW-73

Lab Sample ID: 660-20815-21
Client Matrix: Water

Date Sampled: 01/25/2008 1455
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0143
Date Prepared: 02/03/2008 0143

Analysis Batch: 660-57197

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0237.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	7.9		0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	11		0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	89	77 - 122
4-Bromofluorobenzene	86	74 - 126
Dibromofluoromethane	94	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: MW-98

Lab Sample ID: 660-20815-22
Client Matrix: Water

Date Sampled: 01/25/2008 1410
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0205
Date Prepared: 02/03/2008 0205

Analysis Batch: 660-57197

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0238.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,2-Dichloroethane	0.57	U	0.57	1.0
cis-1,2-Dichloroethene	3.6		0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	13		0.50	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-98**

Lab Sample ID: 660-20815-22
Client Matrix: Water

Date Sampled: 01/25/2008 1410
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0205
Date Prepared: 02/03/2008 0205

Analysis Batch: 660-57197

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0238.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	47		0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	1.6		0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	88	77 - 122
4-Bromofluorobenzene	88	74 - 126
Dibromofluoromethane	91	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-98**

Lab Sample ID: 660-20815-22
Client Matrix: Water

Date Sampled: 01/25/2008 1410
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 20
Date Analyzed: 02/07/2008 0408
Date Prepared: 02/07/2008 0408

Analysis Batch: 660-57315

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0654.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1-Dichloroethane	170	D	10	20
1,1-Dichloroethene	480	D	9.0	20

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: DUP-11

Lab Sample ID: 660-20815-23
Client Matrix: Water

Date Sampled: 01/25/2008 0000
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0227
Date Prepared: 02/03/2008 0227

Analysis Batch: 660-57197

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0239.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: DUP-11

Lab Sample ID: 660-20815-23
Client Matrix: Water

Date Sampled: 01/25/2008 0000
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0227
Date Prepared: 02/03/2008 0227

Analysis Batch: 660-57197

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0239.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	90	77 - 122
4-Bromofluorobenzene	88	74 - 126
Dibromofluoromethane	92	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: DUP-10

Lab Sample ID: 660-20815-24
Client Matrix: Water

Date Sampled: 01/25/2008 0000
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0250
Date Prepared: 02/03/2008 0250

Analysis Batch: 660-57197

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0240.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: DUP-10

Lab Sample ID: 660-20815-24
Client Matrix: Water

Date Sampled: 01/25/2008 0000
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0250
Date Prepared: 02/03/2008 0250

Analysis Batch: 660-57197

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0240.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	~~0.59~~ 1.0	~~U~~	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.71	I	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	97	77 - 122
4-Bromofluorobenzene	97	74 - 126
Dibromofluoromethane	97	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: MW-103

Lab Sample ID: 660-20815-25
Client Matrix: Water

Date Sampled: 01/25/2008 1115
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0312
Date Prepared: 02/03/2008 0312

Analysis Batch: 660-57197

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0241.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: MW-103

Lab Sample ID: 660-20815-25
Client Matrix: Water

Date Sampled: 01/25/2008 1115
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0312
Date Prepared: 02/03/2008 0312

Analysis Batch: 660-57197

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0241.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	~~0.53~~ 1.0	~~U~~	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	89	77 - 122
4-Bromofluorobenzene	91	74 - 126
Dibromofluoromethane	87	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW102**

Lab Sample ID: 660-20815-26
Client Matrix: Water

Date Sampled: 01/25/2008 1030
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0334
Date Prepared: 02/03/2008 0334

Analysis Batch: 660-57197

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0242.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW102**

Lab Sample ID: 660-20815-26
Client Matrix: Water

Date Sampled: 01/25/2008 1030
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0334
Date Prepared: 02/03/2008 0334

Analysis Batch: 660-57197

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0242.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	~~0.56~~ 1.0	+ U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	115	77 - 122
4-Bromofluorobenzene	115	74 - 126
Dibromofluoromethane	111	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-190**

Lab Sample ID: 660-20815-27
Client Matrix: Water

Date Sampled: 01/25/2008 0855
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0357
Date Prepared: 02/03/2008 0357

Analysis Batch: 660-57197

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0243.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-190**

Lab Sample ID: 660-20815-27
Client Matrix: Water

Date Sampled: 01/25/2008 0855
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0357
Date Prepared: 02/03/2008 0357

Analysis Batch: 660-57197

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0243.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.66	I	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	95	77 - 122
4-Bromofluorobenzene	99	74 - 126
Dibromofluoromethane	97	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: EB-13

Lab Sample ID: 660-20815-28
Client Matrix: Water

Date Sampled: 01/25/2008 1508
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0419
Date Prepared: 02/03/2008 0419

Analysis Batch: 660-57197

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0244.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: EB-13

Lab Sample ID: 660-20815-28
Client Matrix: Water

Date Sampled: 01/25/2008 1508
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0419
Date Prepared: 02/03/2008 0419

Analysis Batch: 660-57197

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0244.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.55	I	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.51	I	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	77	77 - 122
4-Bromofluorobenzene	81	74 - 126
Dibromofluoromethane	76	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-8S**

Lab Sample ID: 660-20815-29
Client Matrix: Water

Date Sampled: 01/25/2008 1317
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0442
Date Prepared: 02/03/2008 0442

Analysis Batch: 660-57197

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0245.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: MW-8S

Lab Sample ID: 660-20815-29
Client Matrix: Water

Date Sampled: 01/25/2008 1317
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0442
Date Prepared: 02/03/2008 0442

Analysis Batch: 660-57197

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0245.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	92	77 - 122
4-Bromofluorobenzene	94	74 - 126
Dibromofluoromethane	92	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-3**

Lab Sample ID: 660-20815-30
Client Matrix: Water

Date Sampled: 01/25/2008 1354
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0504
Date Prepared: 02/03/2008 0504

Analysis Batch: 660-57197

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0246.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-3**

Lab Sample ID: 660-20815-30
Client Matrix: Water

Date Sampled: 01/25/2008 1354
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0504
Date Prepared: 02/03/2008 0504

Analysis Batch: 660-57197

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0246.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	93	77 - 122
4-Bromofluorobenzene	95	74 - 126
Dibromofluoromethane	91	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: MW-84

Lab Sample ID: 660-20815-31
Client Matrix: Water

Date Sampled: 01/25/2008 1500
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0526
Date Prepared: 02/03/2008 0526

Analysis Batch: 660-57197

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0247.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-84**

Lab Sample ID: 660-20815-31
Client Matrix: Water

Date Sampled: 01/25/2008 1500
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0526
Date Prepared: 02/03/2008 0526

Analysis Batch: 660-57197

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0247.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	99	77 - 122
4-Bromofluorobenzene	104	74 - 126
Dibromofluoromethane	94	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: MW-4

Lab Sample ID: 660-20815-32
Client Matrix: Water

Date Sampled: 01/25/2008 1345
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0549
Date Prepared: 02/03/2008 0549

Analysis Batch: 660-57197

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0248.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	6.1		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	1.7		0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.50	I	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: MW-4

Lab Sample ID: 660-20815-32
Client Matrix: Water

Date Sampled: 01/25/2008 1345
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0549
Date Prepared: 02/03/2008 0549

Analysis Batch: 660-57197

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0248.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	5.9		0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	~~0.60~~ 1.0	~~U~~	0.50	1.0
Acetone	31		9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.68	I	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	96	77 - 122
4-Bromofluorobenzene	99	74 - 126
Dibromofluoromethane	91	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: DUP-13

Lab Sample ID: 660-20815-33
Client Matrix: Water

Date Sampled: 01/25/2008 0000
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0611
Date Prepared: 02/03/2008 0611

Analysis Batch: 660-57197

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0249.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: DUP-13

Lab Sample ID: 660-20815-33
Client Matrix: Water

Date Sampled: 01/25/2008 0000
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0611
Date Prepared: 02/03/2008 0611

Analysis Batch: 660-57197

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0249.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	105	77 - 122
4-Bromofluorobenzene	107	74 - 126
Dibromofluoromethane	99	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: TB-13

Lab Sample ID: 660-20815-34
Client Matrix: Water

Date Sampled: 01/25/2008 0000
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0633
Date Prepared: 02/03/2008 0633

Analysis Batch: 660-57197

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0250.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: TB-13

Lab Sample ID: 660-20815-34
Client Matrix: Water

Date Sampled: 01/25/2008 0000
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0633
Date Prepared: 02/03/2008 0633

Analysis Batch: 660-57197

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0250.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	98	77 - 122
4-Bromofluorobenzene	102	74 - 126
Dibromofluoromethane	93	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-174**

Lab Sample ID: 660-20815-35
Client Matrix: Water

Date Sampled: 01/25/2008 0840
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0656
Date Prepared: 02/03/2008 0656

Analysis Batch: 660-57197

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0251.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-174**

Lab Sample ID: 660-20815-35
Client Matrix: Water

Date Sampled: 01/25/2008 0840
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0656
Date Prepared: 02/03/2008 0656

Analysis Batch: 660-57197

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0251.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	98	77 - 122
4-Bromofluorobenzene	102	74 - 126
Dibromofluoromethane	94	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: MW-179

Lab Sample ID: 660-20815-36
Client Matrix: Water

Date Sampled: 01/25/2008 1125
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0718
Date Prepared: 02/03/2008 0718

Analysis Batch: 660-57197

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0252.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: MW-179

Lab Sample ID: 660-20815-36
Client Matrix: Water

Date Sampled: 01/25/2008 1125
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0718
Date Prepared: 02/03/2008 0718

Analysis Batch: 660-57197

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0252.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	89	77 - 122
4-Bromofluorobenzene	93	74 - 126
Dibromofluoromethane	85	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: MW-116

Lab Sample ID: 660-20815-37
Client Matrix: Water

Date Sampled: 01/25/2008 1420
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0740
Date Prepared: 02/03/2008 0740

Analysis Batch: 660-57197

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0253.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: MW-116

Lab Sample ID: 660-20815-37
Client Matrix: Water

Date Sampled: 01/25/2008 1420
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0740
Date Prepared: 02/03/2008 0740

Analysis Batch: 660-57197

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0253.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	88	77 - 122
4-Bromofluorobenzene	90	74 - 126
Dibromofluoromethane	83	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-122**

Lab Sample ID: 660-20815-38
Client Matrix: Water

Date Sampled: 01/25/2008 0925
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0803
Date Prepared: 02/03/2008 0803

Analysis Batch: 660-57197

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0254.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: MW-122

Lab Sample ID: 660-20815-38
Client Matrix: Water

Date Sampled: 01/25/2008 0925
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0803
Date Prepared: 02/03/2008 0803

Analysis Batch: 660-57197

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0254.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	89	77 - 122
4-Bromofluorobenzene	92	74 - 126
Dibromofluoromethane	84	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-178**

Lab Sample ID: 660-20815-39
Client Matrix: Water

Date Sampled: 01/25/2008 1115
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 1321
Date Prepared: 02/03/2008 1321

Analysis Batch: 660-57098

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0314.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U J	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U J	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U J	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U J	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U J	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U J	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: MW-178

Lab Sample ID: 660-20815-39
Client Matrix: Water

Date Sampled: 01/25/2008 1115
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 1321
Date Prepared: 02/03/2008 1321

Analysis Batch: 660-57098

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0314.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U J	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	1.1		0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	98	77 - 122
4-Bromofluorobenzene	100	74 - 126
Dibromofluoromethane	90	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: MW-180

Lab Sample ID: 660-20815-40
Client Matrix: Water

Date Sampled: 01/25/2008 1410
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 1343
Date Prepared: 02/03/2008 1343

Analysis Batch: 660-57098

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0315.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-180**

Lab Sample ID: 660-20815-40
Client Matrix: Water

Date Sampled: 01/25/2008 1410
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 1343
Date Prepared: 02/03/2008 1343

Analysis Batch: 660-57098

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0315.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	92	77 - 122
4-Bromofluorobenzene	98	74 - 126
Dibromofluoromethane	86	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-181**

Lab Sample ID: 660-20815-41
Client Matrix: Water

Date Sampled: 01/25/2008 1510
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 1406
Date Prepared: 02/03/2008 1406

Analysis Batch: 660-57098

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0316.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.79	J	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U J	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U J	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U J	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U J	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U J	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: MW-181

Lab Sample ID: 660-20815-41
Client Matrix: Water

Date Sampled: 01/25/2008 1510
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 1406
Date Prepared: 02/03/2008 1406

Analysis Batch: 660-57098

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0316.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	~~0.88~~ 1.0	~~U~~	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U J	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	3.5		0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	99	77 - 122
4-Bromofluorobenzene	103	74 - 126
Dibromofluoromethane	90	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: TB-10

Lab Sample ID: 660-20815-43
Client Matrix: Water

Date Sampled: 01/25/2008 0000
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 1428
Date Prepared: 02/03/2008 1428

Analysis Batch: 660-57098

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0317.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U J	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U J	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U J	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U J	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U J	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U J	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **TB-10**

Lab Sample ID: 660-20815-43
Client Matrix: Water

Date Sampled: 01/25/2008 0000
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 1428
Date Prepared: 02/03/2008 1428

Analysis Batch: 660-57098

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0317.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	112	77 - 122
4-Bromofluorobenzene	116	74 - 126
Dibromofluoromethane	100	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: TB-11

Lab Sample ID: 660-20815-44
Client Matrix: Water

Date Sampled: 01/25/2008 0000
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 1450
Date Prepared: 02/03/2008 1450

Analysis Batch: 660-57098

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0318.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U J	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U J	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U J	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U J	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U J	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U J	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **TB-11**

Lab Sample ID: 660-20815-44
Client Matrix: Water

Date Sampled: 01/25/2008 0000
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 1450
Date Prepared: 02/03/2008 1450

Analysis Batch: 660-57098

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0318.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	94	77 - 122
4-Bromofluorobenzene	97	74 - 126
Dibromofluoromethane	86	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: TB-14

Lab Sample ID: 660-20815-45
Client Matrix: Water

Date Sampled: 01/25/2008 0000
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 1513
Date Prepared: 02/03/2008 1513

Analysis Batch: 660-57098

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0319.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: TB-14

Lab Sample ID: 660-20815-45
Client Matrix: Water

Date Sampled: 01/25/2008 0000
Date Received: 01/28/2008 1254

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 1513
Date Prepared: 02/03/2008 1513

Analysis Batch: 660-57098

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0319.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	105	77 - 122
4-Bromofluorobenzene	105	74 - 126
Dibromofluoromethane	96	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-117**

Lab Sample ID: 660-20815-1
Client Matrix: Water

Date Sampled: 01/25/2008 0903
Date Received: 01/28/2008 1254

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/01/2008 2155
Date Prepared: 02/01/2008 2155

Analysis Batch: 660-57131

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0134.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-118**

Lab Sample ID: 660-20815-2
Client Matrix: Water

Date Sampled: 01/25/2008 0840
Date Received: 01/28/2008 1254

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/01/2008 2217
Date Prepared: 02/01/2008 2217

Analysis Batch: 660-57131

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0135.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	2.3		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: MW-119

Lab Sample ID: 660-20815-3
Client Matrix: Water

Date Sampled: 01/25/2008 0806
Date Received: 01/28/2008 1254

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/01/2008 2240
Date Prepared: 02/01/2008 2240

Analysis Batch: 660-57131

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0136.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: MW-120

Lab Sample ID: 660-20815-4
Client Matrix: Water

Date Sampled: 01/25/2008 0750
Date Received: 01/28/2008 1254

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/06/2008 2043
Date Prepared: 02/06/2008 2043

Analysis Batch: 660-57263

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0634.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-224**

Lab Sample ID: 660-20815-5
Client Matrix: Water

Date Sampled: 01/25/2008 1020
Date Received: 01/28/2008 1254

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/02/2008 0541
Date Prepared: 02/02/2008 0541

Analysis Batch: 660-57198

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0155.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-227**

Lab Sample ID: 660-20815-6
Client Matrix: Water

Date Sampled: 01/25/2008 1032
Date Received: 01/28/2008 1254

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/02/2008 0603
Date Prepared: 02/02/2008 0603

Analysis Batch: 660-57198

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0156.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-223**

Lab Sample ID: 660-20815-7
Client Matrix: Water

Date Sampled: 01/25/2008 1100
Date Received: 01/28/2008 1254

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/02/2008 0625
Date Prepared: 02/02/2008 0625

Analysis Batch: 660-57198

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0157.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: MW-225

Lab Sample ID: 660-20815-8
Client Matrix: Water

Date Sampled: 01/25/2008 1120
Date Received: 01/28/2008 1254

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/06/2008 2105
Date Prepared: 02/06/2008 2105

Analysis Batch: 660-57263

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0635.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-226**

Lab Sample ID: 660-20815-9
Client Matrix: Water

Date Sampled: 01/25/2008 1155
Date Received: 01/28/2008 1254

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/02/2008 0709
Date Prepared: 02/02/2008 0709

Analysis Batch: 660-57198

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0159.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-241**

Lab Sample ID: 660-20815-10
Client Matrix: Water

Date Sampled: 01/25/2008 1157
Date Received: 01/28/2008 1254

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/02/2008 0731
Date Prepared: 02/02/2008 0731

Analysis Batch: 660-57198

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0160.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: MW-100

Lab Sample ID: 660-20815-11
Client Matrix: Water

Date Sampled: 01/25/2008 1300
Date Received: 01/28/2008 1254

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/02/2008 0754
Date Prepared: 02/02/2008 0754

Analysis Batch: 660-57198

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0161.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	28		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-99**

Lab Sample ID: 660-20815-12
Client Matrix: Water

Date Sampled: 01/25/2008 1303
Date Received: 01/28/2008 1254

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/02/2008 0816
Date Prepared: 02/02/2008 0816

Analysis Batch: 660-57198

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0162.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: EB-10

Lab Sample ID: 660-20815-13
Client Matrix: Water

Date Sampled: 01/25/2008 1323
Date Received: 01/28/2008 1254

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/02/2008 0838
Date Prepared: 02/02/2008 0838

Analysis Batch: 660-57198

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0163.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-221**

Lab Sample ID: 660-20815-14
Client Matrix: Water

Date Sampled: 01/25/2008 1343
Date Received: 01/28/2008 1254

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/02/2008 0900
Date Prepared: 02/02/2008 0900

Analysis Batch: 660-57198

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0164.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-22**

Lab Sample ID: 660-20815-15
Client Matrix: Water

Date Sampled: 01/25/2008 1121
Date Received: 01/28/2008 1254

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/02/2008 0922
Date Prepared: 02/02/2008 0922

Analysis Batch: 660-57198

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0165.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: MW-23

Lab Sample ID: 660-20815-16
Client Matrix: Water

Date Sampled: 01/25/2008 1041
Date Received: 01/28/2008 1254

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/02/2008 0944
Date Prepared: 02/02/2008 0944

Analysis Batch: 660-57198

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0166.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	4.0		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-219**

Lab Sample ID: 660-20815-17
Client Matrix: Water

Date Sampled: 01/25/2008 1252
Date Received: 01/28/2008 1254

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/02/2008 1006
Date Prepared: 02/02/2008 1006

Analysis Batch: 660-57198

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0167.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-220**

Lab Sample ID: 660-20815-18
Client Matrix: Water

Date Sampled: 01/25/2008 1251
Date Received: 01/28/2008 1254

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/02/2008 1028
Date Prepared: 02/02/2008 1028

Analysis Batch: 660-57198

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0168.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-222**

Lab Sample ID: 660-20815-19
Client Matrix: Water

Date Sampled: 01/25/2008 1341
Date Received: 01/28/2008 1254

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0058
Date Prepared: 02/03/2008 0058

Analysis Batch: 660-57112

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0235.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: EB-11

Lab Sample ID: 660-20815-20
Client Matrix: Water

Date Sampled: 01/25/2008 1345
Date Received: 01/28/2008 1254

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0120
Date Prepared: 02/03/2008 0120

Analysis Batch: 660-57112

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0236.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-73**

Lab Sample ID: 660-20815-21
Client Matrix: Water

Date Sampled: 01/25/2008 1455
Date Received: 01/28/2008 1254

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0143
Date Prepared: 02/03/2008 0143

Analysis Batch: 660-57112

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0237.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	84		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-98**

Lab Sample ID: 660-20815-22
Client Matrix: Water

Date Sampled: 01/25/2008 1410
Date Received: 01/28/2008 1254

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 20
Date Analyzed: 02/07/2008 0408
Date Prepared: 02/07/2008 0408

Analysis Batch: 660-57317

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0654.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	710		20	20

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: DUP-11

Lab Sample ID: 660-20815-23
Client Matrix: Water

Date Sampled: 01/25/2008 0000
Date Received: 01/28/2008 1254

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0227
Date Prepared: 02/03/2008 0227

Analysis Batch: 660-57112

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0239.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	4.9		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: DUP-10

Lab Sample ID: 660-20815-24
Client Matrix: Water

Date Sampled: 01/25/2008 0000
Date Received: 01/28/2008 1254

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0250
Date Prepared: 02/03/2008 0250

Analysis Batch: 660-57112

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0240.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-103**

Lab Sample ID: 660-20815-25
Client Matrix: Water

Date Sampled: 01/25/2008 1115
Date Received: 01/28/2008 1254

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0312
Date Prepared: 02/03/2008 0312

Analysis Batch: 660-57112

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0241.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW102**

Lab Sample ID: 660-20815-26
Client Matrix: Water

Date Sampled: 01/25/2008 1030
Date Received: 01/28/2008 1254

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0334
Date Prepared: 02/03/2008 0334

Analysis Batch: 660-57112

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0242.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-190**

Lab Sample ID: 660-20815-27
Client Matrix: Water

Date Sampled: 01/25/2008 0855
Date Received: 01/28/2008 1254

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0357
Date Prepared: 02/03/2008 0357

Analysis Batch: 660-57112

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0243.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **EB-13**

Lab Sample ID: 660-20815-28
Client Matrix: Water

Date Sampled: 01/25/2008 1508
Date Received: 01/28/2008 1254

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0419
Date Prepared: 02/03/2008 0419

Analysis Batch: 660-57112

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0244.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-8S**

Lab Sample ID: 660-20815-29
Client Matrix: Water

Date Sampled: 01/25/2008 1317
Date Received: 01/28/2008 1254

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0442
Date Prepared: 02/03/2008 0442

Analysis Batch: 660-57112

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0245.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: MW-3

Lab Sample ID: 660-20815-30
Client Matrix: Water

Date Sampled: 01/25/2008 1354
Date Received: 01/28/2008 1254

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0504
Date Prepared: 02/03/2008 0504

Analysis Batch: 660-57112

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0246.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: MW-84

Lab Sample ID: 660-20815-31
Client Matrix: Water

Date Sampled: 01/25/2008 1500
Date Received: 01/28/2008 1254

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0526
Date Prepared: 02/03/2008 0526

Analysis Batch: 660-57112

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0247.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-4**

Lab Sample ID: 660-20815-32
Client Matrix: Water

Date Sampled: 01/25/2008 1345
Date Received: 01/28/2008 1254

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0549
Date Prepared: 02/03/2008 0549

Analysis Batch: 660-57112

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0248.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: DUP-13

Lab Sample ID: 660-20815-33
Client Matrix: Water

Date Sampled: 01/25/2008 0000
Date Received: 01/28/2008 1254

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0611
Date Prepared: 02/03/2008 0611

Analysis Batch: 660-57112

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0249.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **TB-13**

Lab Sample ID: 660-20815-34
Client Matrix: Water

Date Sampled: 01/25/2008 0000
Date Received: 01/28/2008 1254

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0633
Date Prepared: 02/03/2008 0633

Analysis Batch: 660-57112

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0250.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: MW-174

Lab Sample ID: 660-20815-35
Client Matrix: Water

Date Sampled: 01/25/2008 0840
Date Received: 01/28/2008 1254

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0656
Date Prepared: 02/03/2008 0656

Analysis Batch: 660-57112

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0251.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-179**

Lab Sample ID: 660-20815-36
Client Matrix: Water

Date Sampled: 01/25/2008 1125
Date Received: 01/28/2008 1254

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0718
Date Prepared: 02/03/2008 0718

Analysis Batch: 660-57112

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0252.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-116**

Lab Sample ID: 660-20815-37
Client Matrix: Water

Date Sampled: 01/25/2008 1420
Date Received: 01/28/2008 1254

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0740
Date Prepared: 02/03/2008 0740

Analysis Batch: 660-57112

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0253.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-122**

Lab Sample ID: 660-20815-38
Client Matrix: Water

Date Sampled: 01/25/2008 0925
Date Received: 01/28/2008 1254

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 0803
Date Prepared: 02/03/2008 0803

Analysis Batch: 660-57112

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0254.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-178**

Lab Sample ID: 660-20815-39
Client Matrix: Water

Date Sampled: 01/25/2008 1115
Date Received: 01/28/2008 1254

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 1321
Date Prepared: 02/03/2008 1321

Analysis Batch: 660-57097

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0314.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-180**

Lab Sample ID: 660-20815-40
Client Matrix: Water

Date Sampled: 01/25/2008 1410
Date Received: 01/28/2008 1254

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 1343
Date Prepared: 02/03/2008 1343

Analysis Batch: 660-57097

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0315.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **MW-181**

Lab Sample ID: 660-20815-41
Client Matrix: Water

Date Sampled: 01/25/2008 1510
Date Received: 01/28/2008 1254

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 1406
Date Prepared: 02/03/2008 1406

Analysis Batch: 660-57097

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0316.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **TB-10**

Lab Sample ID: 660-20815-43
Client Matrix: Water

Date Sampled: 01/25/2008 0000
Date Received: 01/28/2008 1254

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 1428
Date Prepared: 02/03/2008 1428

Analysis Batch: 660-57097

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0317.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **TB-11**

Lab Sample ID: 660-20815-44
Client Matrix: Water

Date Sampled: 01/25/2008 0000
Date Received: 01/28/2008 1254

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 1450
Date Prepared: 02/03/2008 1450

Analysis Batch: 660-57097

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0318.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20815-1
Sdg Number: 660-20815

Client Sample ID: **TB-14**

Lab Sample ID: 660-20815-45
Client Matrix: Water

Date Sampled: 01/25/2008 0000
Date Received: 01/28/2008 1254

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 1513
Date Prepared: 02/03/2008 1513

Analysis Batch: 660-57097

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0319.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

SAMPLE COMPLIANCE REPORT

SAMPLE COMPLIANCE REPORT

Sample Delivery Group	Sampling Date	Protocol	Sample ID	Matrix	Compliancy[1]					Noncompliance
					VOC	SVOC	PCB/PEST/ HERB	MET	MISC	
660-20815	1/25/2008	SW-846	MW-117	Water	Yes	--	--	--	--	
660-20815	1/25/2008	SW-846	MW-241	Water	No	--	--	--	--	VOC – CCAL %D
660-20815	1/25/2008	SW-846	MW-100	Water	No	--	--	--	--	VOC – CCAL %D
660-20815	1/25/2008	SW-846	MW-99	Water	No	--	--	--	--	VOC – CCAL %D, Associated Blank
660-20815	1/25/2008	SW-846	EB-10	Water	No	--	--	--	--	VOC – CCAL %D
660-20815	1/25/2008	SW-846	MW-221	Water	No	--	--	--	--	VOC – CCAL %D
660-20815	1/25/2008	SW-846	MW-22	Water	No	--	--	--	--	VOC – CCAL %D, Associated Blank
660-20815	1/25/2008	SW-846	MW-23	Water	No	--	--	--	--	VOC – CCAL %D
660-20815	1/25/2008	SW-846	MW-219	Water	No	--	--	--	--	VOC – CCAL %D
660-20815	1/25/2008	SW-846	MW-220	Water	No	--	--	--	--	VOC – CCAL %D, Associated Blank
660-20815	1/25/2008	SW-846	MW-222	Water	Yes	--	--	--	--	
660-20815	1/25/2008	SW-846	MW-118	Water	Yes	--	--	--	--	
660-20815	1/25/2008	SW-846	EB-11	Water	Yes	--	--	--	--	
660-20815	1/25/2008	SW-846	MW-73	Water	Yes	--	--	--	--	
660-20815	1/25/2008	SW-846	MW-98	Water	Yes	--	--	--	--	
660-20815	1/25/2008	SW-846	DUP-11	Water	Yes	--	--	--	--	
660-20815	1/25/2008	SW-846	DUP-10	Water	No	--	--	--	--	VOC – Associated Blank
660-20815	1/25/2008	SW-846	MW-103	Water	No	--	--	--	--	VOC – Associated Blank
660-20815	1/25/2008	SW-846	MW-102	Water	No	--	--	--	--	VOC – Associated Blank
660-20815	1/25/2008	SW-846	MW-190	Water	Yes	--	--	--	--	
660-20815	1/25/2008	SW-846	EB-13	Water	Yes	--	--	--	--	
660-20815	1/25/2008	SW-846	MW-8S	Water	Yes	--	--	--	--	
660-20815	1/25/2008	SW-846	MW-119	Water	Yes	--	--	--	--	
660-20815	1/25/2008	SW-846	MW-3	Water	Yes	--	--	--	--	
660-20815	1/25/2008	SW-846	MW-84	Water	Yes	--	--	--	--	

Sample Delivery Group	Sampling Date	Protocol	Sample ID	Matrix	Compliancy[1]					Noncompliance
					VOC	SVOC	PCB/PEST/ HERB	MET	MISC	
660-20815	1/25/2008	SW-846	MW-4	Water	No	--	--	--	--	VOC – Associated Blank
660-20815	1/25/2008	SW-846	DUP-13	Water	Yes	--	--	--	--	
660-20815	1/25/2008	SW-846	TB-13	Water	Yes	--	--	--	--	
660-20815	1/25/2008	SW-846	MW-174	Water	Yes	--	--	--	--	
660-20815	1/25/2008	SW-846	MW-179	Water	Yes	--	--	--	--	
660-20815	1/25/2008	SW-846	MW-116	Water	Yes	--	--	--	--	
660-20815	1/25/2008	SW-846	MW-122	Water	Yes	--	--	--	--	
660-20815	1/25/2008	SW-846	MW-178	Water	No	--	--	--	--	VOC – CCAL %D
660-20815	1/25/2008	SW-846	MW-120	Water	No	--	--	--	--	VOC – Associated Blank
660-20815	1/25/2008	SW-846	MW-180	Water	No	--	--	--	--	VOC – CCAL %D
660-20815	1/25/2008	SW-846	MW-181	Water	No	--	--	--	--	VOC – CCAL %D, Associated Blank
660-20815	1/25/2008	SW-846	TB-10	Water	No	--	--	--	--	VOC – CCAL %D
660-20815	1/25/2008	SW-846	TB-11	Water	No	--	--	--	--	VOC – CCAL %D
660-20815	1/25/2008	SW-846	TB-14	Water	No	--	--	--	--	VOC – CCAL %D
660-20815	1/25/2008	SW-846	MW-224	Water	No	--	--	--	--	VOC – CCAL %D, Associated Blank
660-20815	1/25/2008	SW-846	MW-227	Water	No	--	--	--	--	VOC – CCAL %D
660-20815	1/25/2008	SW-846	MW-223	Water	No	--	--	--	--	VOC – CCAL %D
660-20815	1/25/2008	SW-846	MW-225	Water	No	--	--	--	--	VOC – CCAL %D
660-20815	1/25/2008	SW-846	MW-226	Water	No	--	--	--	--	VOC – CCAL %D, Associated Blank

1 Samples which are compliant with no added validation qualifiers are listed as "yes". Samples which are non-compliant or which have added qualifiers are listed as "no". A "no" designation does not necessarily indicate that the data have been rejected or are otherwise unusable.

ARCADIS

Attachment 4

DATA REVIEW FOR

LOCKHEED MARTIN - TALLEVAST

TALLEVAST, FLORIDA

SDG #660-20822

VOLATILE ANALYSES

Analyses performed by:

TestAmerica Laboratories
Tampa, Florida

Review performed by:

ARCADIS
Infrastructure, environment, facilities

Syracuse, New York
Report #8118R

Summary

The following is an assessment of the data package for sample delivery group (SDG) #660-20822 for sampling from the Lockheed Martin - Tallevast Site. Included with this assessment are the corrected sample results and the sample compliance report. Analyses were performed on the following samples:

Sample ID	Lab ID	Matrix	Sample Date	Analysis				
				VOC	SVOC	PCB	MET	MISC
MW-31	660-20822-1	Water	1/28/2008	X				
MW-65	660-20822-10	Water	1/28/2008	X				
MW-135	660-20822-11	Water	1/28/2008	X				
MW-93	660-20822-12	Water	1/28/2008	X				
MW-50	660-20822-13	Water	1/28/2008	X				
MW-111	660-20822-14	Water	1/28/2008	X				
MW-113	660-20822-15	Water	1/28/2008	X				
MW-51	660-20822-16	Water	1/28/2008	X				
MW-26	660-20822-17	Water	1/28/2008	X				
MW-44	660-20822-18	Water	1/28/2008	X				
MW-78	660-20822-19	Water	1/28/2008	X				
MW-59	660-20822-2	Water	1/28/2008	X				
MW-18S	660-20822-20	Water	1/28/2008	X				
MW-18D	660-20822-21	Water	1/28/2008	X				
MW-91	660-20822-22	Water	1/28/2008	X				
MW-29	660-20822-23	Water	1/28/2008	X				
MW-133	660-20822-24	Water	1/28/2008	X				
MW-52	660-20822-25	Water	1/28/2008	X				
MW-64	660-20822-26	Water	1/28/2008	X				
MW-28	660-20822-27	Water	1/28/2008	X				
MW-53	660-20822-28	Water	1/28/2008	X				
MW-54	660-20822-29	Water	1/28/2008	X				
MW-68	660-20822-3	Water	1/28/2008	X				
MW-27	660-20822-30	Water	1/28/2008	X				
MW-104	660-20822-31	Water	1/28/2008	X				
MW-105	660-20822-32	Water	1/28/2008	X				
MW-248	660-20822-33	Water	1/28/2008	X				
DUP14	660-20822-34	Water	1/28/2008	X				
DUP15	660-20822-35	Water	1/28/2008	X				
DUP16	660-20822-36	Water	1/28/2008	X				
DUP17	660-20822-37	Water	1/28/2008	X				
TB-14	660-20822-38	Water	1/28/2008	X				
TB-15	660-20822-39	Water	1/28/2008	X				
MW-60	660-20822-4	Water	1/28/2008	X				
TB-16	660-20822-40	Water	1/28/2008	X				
TB-17	660-20822-41	Water	1/28/2008	X				
EB-14	660-20822-42	Water	1/28/2008	X				
EB-15	660-20822-43	Water	1/28/2008	X				

Sample ID	Lab ID	Matrix	Sample Date	Analysis				
				VOC	SVOC	PCB	MET	MISC
EB-16	660-20822-44	Water	1/28/2008	X				
MW-201	660-20822-45	Water	1/28/2008	X				
MW-199	660-20822-46	Water	1/28/2008	X				
MW-200	660-20822-47	Water	1/28/2008	X				
MW-198	660-20822-48	Water	1/28/2008	X				
DUP21	660-20822-49	Water	1/28/2008	X				
MW-109	660-20822-5	Water	1/28/2008	X				
EB-21	660-20822-50	Water	1/28/2008	X				
MW-21	660-20822-6	Water	1/28/2008	X				
MW-86	660-20822-7	Water	1/28/2008	X				
MW-110	660-20822-8	Water	1/28/2008	X				
MW-67	660-20822-9	Water	1/28/2008	X				

Notes:

1. Sample location DUP14 is the field duplicate of parent sample location MW-21.
2. Sample location DUP15 is the field duplicate of parent sample location MW-135.
3. Sample location DUP16 is the field duplicate of parent sample location MW-133.
4. Sample location DUP17 is the field duplicate of parent sample location MW-53.
5. Sample location DUP21 is the field duplicate of parent sample location MW-248.

VOLATILE ORGANIC COMPOUND (VOC) ANALYSES

Introduction

Analyses were performed according to (United Stated Environmental Protection Agency) USEPA SW-846 Method 8260B total ion monitoring (TIM) and 8260C selective ion monitoring (SIM) by isotope dilution. Data were reviewed in accordance with USEPA National Functional Guidelines of October 1999 and January 2005.

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with USEPA National Functional Guidelines:

U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

J The compound was positively identified; however, the associated numerical value is an estimated concentration only.

B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.

N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.

JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration only.

E The compound was quantitated above the calibration range.

D Concentration is based on a diluted sample analysis.

C Identification confirmed by gas chromatograph/mass spectrometer (GC/MS).

UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.

R The sample results are rejected.

Two facts should be noted by all data users. First, the "R" flag means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

Data Assessment

1. Holding Times

The specified holding times for the following methods are presented in the following table.

Method	Matrix	Holding Time	Preservation
SW-846 8260B/C	Water	14 days from collection to analysis	Cooled @ 4 °C; preserved to a pH of less than 2.
	Soil	48 hours from collection to extraction and 14 days from extraction to analysis	Cooled @ 4 °C.

All samples were analyzed within the specified holding times.

2. Blank Contamination

Quality assurance (QA) blanks (i.e., method, trip, and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure contamination of samples during shipment. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank (common laboratory contaminant compounds are calculated at ten times) is calculated for QA blanks containing concentrations greater than the method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

No compounds were detected in the associated blanks.

3. Mass Spectrometer Tuning

Mass spectrometer performance was acceptable.

System performance and column resolution were acceptable.

4. Calibration

Satisfactory instrument calibration is established to insure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument daily performance is satisfactory.

4.1 Initial Calibration

The method specifies percent relative standard deviation (%RSD) and relative response factor (RRF) limits for select compounds only. A technical review of the data applies limits to all compounds with no exceptions.

All target compounds analyzed by 8260B associated with the initial calibration standards must exhibit a %RSD less than the control limit (15%) or a correlation coefficient greater than 0.99. The compounds analyzed by method 8260B TIM must exhibit a RRF value greater than the control limit (0.05). The analysis of the target compound 1,4-Dioxane performed by method 8260C SIM by isotope dilution must exhibit a RRF value greater than the control limit (0.005).

4.2 Continuing Calibration

All target compounds analyzed by 8260B associated with the continuing calibration standard must exhibit a percent difference (%D) less then the control limit (20%) with the exception of 1,4-Dioxane must exhibit a %D less than the control limit of (50%). The compounds analyzed by method 8260B TIM must exhibit a RRF value greater than the control limit (0.05). The analysis of the target compound 1,4-Dioxane performed by method 8260C SIM by isotope dilution must exhibit a RRF value greater than the control limit (0.005).

All compounds associated with the calibrations were within the specified control limits, with the exception of the compounds presented in the following table.

Sample Locations	Initial/Continuing	Compound	Criteria
MW-59 MW-68 MW-60 MW-109 MW-21 MW-86 MW-110 MW-67 MW-65 MW-135 MW-93	CCV %D	trans-1,2-Dichloroethene	-21.5%
		1,2,4-Trichlorobenzene	-24.7%
		2,2-Dichloropropane	-22.9%
		4-Methyl-2-pentanone	21.0%
		Benzene	-21.3%
		Bromomethane	-22.4%
		Chlorobromomethane	-20.2%
		Chloroethane	54.4%
		Hexachlorobutadiene	-22.7%
MW-50 MW-111 MW-113 MW-51 MW-26 MW-44 MW-78 MW-18S MW-18D MW-91 MW-29 MW-133 MW-52 MW-64 MW-28 MW-53 MW-54 MW-27 MW-104 MW-105	CCV %D	trans-1,2-Dichloroethene	-21.0%
		2-Hexanone	31.6%
		4-Methyl-2-pentanone	33.7%
		Acetone	34.6%
		Benzene	-23.2%
		Chlorobromomethane	-27.4%
		MTBE	-24.0%
		Trichloroethene	-25.8%
		Tetrachloroethene	-27.2%

Sample Locations	Initial/Continuing	Compound	Criteria
MW-248 DUP14 DUP15 DUP16 DUP17 TB-15 TB-16 TB-17 EB-14 EB-15 EB-16 MW-201 MW-199 MW-200 MW-198 DUP21 EB-21	CCV %D	Bromomethane	77.5%
		Chloroethane	26.5%
TB-14	CCV %D	Bromomethane	25.3%

The criteria used to evaluate the initial and continuing calibration are presented in the following table. In the case of a calibration deviation, the sample results are qualified.

Initial/Continuing	Criteria	Sample Result	Qualification
Initial and Continuing Calibration	RRF <0.05	Non-detect	R
		Detect	J
	RRF <0.01[1]	Non-detect	R
		Detect	J
	RRF >0.05 or RRF >0.01[1]	Non-detect	No Action
		Detect	
Initial Calibration	%RSD > 15% or a correlation coefficient <0.99	Non-detect	UJ
		Detect	J
Continuing Calibration	%D >20% (increase in sensitivity)	Non-detect	No Action
		Detect	J
	%D >20% (decrease in sensitivity)	Non-detect	UJ
		Detect	J
	%D >90%	Non-detect	R
		Detect	J

1. RRF of 0.01 only applies to compounds which are typically poor responding compounds (i.e. ketones, 1,4-Dioxane, etc.)

5. Surrogates/System Monitoring Compounds

All samples to be analyzed for organic compounds are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. VOC analysis requires that all surrogates associated with the analysis exhibit recoveries within the laboratory-established acceptance limits.

Sample locations associated with surrogates exhibiting recoveries outside of the control limits presented in the following table.

Sample Locations	Surrogate	Recovery
MW-26	Toluene-d8	AC
	4-Bromofluorobenzene	> UL
	Dibromofluoromethane	AC
DUP21	Toluene-d8	> UL
	4-Bromofluorobenzene	> UL
	Dibromofluoromethane	> UL

Upper control limit (UL)
Lower control limit (LL)
Diluted (D)
Acceptable (AC)

The criteria used to evaluate the surrogate recoveries are presented in the following table. In the case of a surrogate deviation, the sample results associated with the deviant fraction are qualified as documented in the table below.

Control Limit	Sample Result	Qualification
> UL	Non-detect	No Action
	Detect	J
< LL but > 10%	Non-detect	J
	Detect	J
< 10%	Non-detect	R
	Detect	J
Surrogates diluted below the calibration curve due to the high concentration of a target compounds	Non-detect	No Action
	Detect	

6. Internal Standard Performance

Internal standard performance criteria insure that the GC/MS sensitivity and response are stable during every sample analysis. The criteria requires the internal standard compounds associated with the VOC exhibit area counts that are not greater than two times (+100%) or less than one-half (-50%) of the area counts of the associated continuing calibration standard.

All internal standard areas and retention times were within established limits.

7. Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analysis

MS/MSD data are used to assess the precision and accuracy of the analytical method. The compounds used to perform the MS/MSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits. The relative percent difference (RPD) between the MS/MSD recoveries must exhibit an RPD within the laboratory-established acceptance limits.

> Note: The MS/MSD recovery control limits do not apply for MS/MSD performed on sample locations were the compound concentration detected in the parent sample exceeds the MS/MSD concentration by a factor of four or greater.

A MS/MSD was not performed on a sample location within this SDG.

8. Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) Analysis

The LCS/LCSD analysis is used to assess the precision and accuracy of the analytical method independent of matrix interferences. The compounds associated with the LCS/LCSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits.

All compounds associated with the LCS/LCSD analysis exhibited acceptable recoveries and RPD between the LCS/LCSD recoveries.

9. Field Duplicate Analysis

Field duplicate analysis is used to assess the precision and accuracy of the field sampling procedures and analytical method. A control limit of 50% for water matrices is applied to the RPD between the parent sample and the field duplicate.

Results for duplicate samples are summarized in the following table.

Sample ID/Duplicate ID	Compound	Sample Result	Duplicate Result	RPD
MW-21/DUP14	Carbon disulfide	1.2	ND(0.85)	AC
	1,4-Dioxane (SIM ID)	ND(1.0)	2.6	AC
MW-135/DUP15	1,1-Dichloroethane	0.72 I	0.98 I	AC
	1,1-Dichloroethene	1.2	2.1	AC
	cis-1,2-Dichloroethene	63	93	38.4%
	trans-1,2-Dichloroethene	0.5 I	0.93 I	AC
	Trichloroethene	80	120	40.0%
	1,4-Dioxane (SIM ID)	29	33	12.9%
MW-133/DUP16	Acetone	180	130	32.2%
MW-53/DUP17	All Compounds	ND	ND	AC
MW-248/DUP21	1,1-Dichloroethane	1.1	ND(0.52)	AC
	1,1-Dichloroethene	0.68 I	ND(0.45)	AC
	Acetone	14 I	ND(9.9)	AC
	Carbon disulfide	3.6	ND(0.85)	NC
	1,4-Dioxane (SIM ID)	12	ND(1.0)	NC

NC = Not compliant.
ND = Not detected.
AC = The field duplicate RPD is acceptable when the RPD between parent sample and field duplicate sample is less than one times the RL and where the parent sample and/or duplicate concentration is less than five times the RL.

The compounds carbon disulfide and 1,4-dioxane associated with samples MW-248 and DUP21 exhibited a field duplicate RPD greater than the control limit. The associated sample results from sample locations for the listed compound were qualified as estimated.

10. Compound Identification

Compounds are identified on the GC/MS by using the analytes relative retention time and ion spectra.

Sample results associated with compound that exhibited a concentration greater than the linear range of the instrument calibration are summarized in the following table.

Sample ID	Compound	Original Analysis	Diluted Analysis	Reported Analysis
MW-78	1,1-Dichloroethane	240 E	340 D	340 D
	1,1-Dichloroethene	180 E	320 D	320 D

Note: In the instance where both the original analysis and the diluted analysis sample results exhibited a concentration greater than and/or less than the calibration linear range of the instrument; the sample result exhibiting the greatest concentration will be reported as the final result.

Sample results associated with compounds exhibiting concentrations greater than the linear range are qualified as documented in the table below when reported as the final reported sample result.

Reported Sample Results	Qualification
Diluted sample result within calibration range	D
Diluted sample result less than the calibration range	DJ
Diluted sample result greater than the calibration range	EDJ
Original sample result greater than the calibration range	EJ

11. System Performance and Overall Assessment

Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

CORRECTED SAMPLE ANALYSIS DATA SHEETS

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-31**

Lab Sample ID: 660-20822-1
Client Matrix: Water

Date Sampled: 01/28/2008 1305
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/08/2008 2248
Date Prepared: 02/08/2008 2248

Analysis Batch: 660-57668

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0821.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-31**

Lab Sample ID: 660-20822-1
Client Matrix: Water

Date Sampled: 01/28/2008 1305
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/08/2008 2248
Date Prepared: 02/08/2008 2248

Analysis Batch: 660-57668

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0821.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.70	I	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	87	77 - 122
4-Bromofluorobenzene	91	74 - 126
Dibromofluoromethane	90	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-59**

Lab Sample ID: 660-20822-2
Client Matrix: Water

Date Sampled: 01/28/2008 1240
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 1557
Date Prepared: 02/03/2008 1557

Analysis Batch: 660-57098

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0321.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U J	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U J	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U J	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U J	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U J	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U J	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-59**

Lab Sample ID: 660-20822-2
Client Matrix: Water

Date Sampled: 01/28/2008 1240
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 1557
Date Prepared: 02/03/2008 1557

Analysis Batch: 660-57098

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0321.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	2.0		0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	95	77 - 122
4-Bromofluorobenzene	98	74 - 126
Dibromofluoromethane	84	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-68**

Lab Sample ID: 660-20822-3
Client Matrix: Water

Date Sampled: 01/28/2008 1350
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 1620
Date Prepared: 02/03/2008 1620

Analysis Batch: 660-57098

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0322.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	1.8		0.45	1.0
cis-1,2-Dichloroethene	1.6		0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-68**

Lab Sample ID: 660-20822-3
Client Matrix: Water

Date Sampled: 01/28/2008 1350
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 1620
Date Prepared: 02/03/2008 1620

Analysis Batch: 660-57098

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0322.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	5.2		0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	91	77 - 122
4-Bromofluorobenzene	94	74 - 126
Dibromofluoromethane	80	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: MW-60

Lab Sample ID: 660-20822-4
Client Matrix: Water

Date Sampled: 01/28/2008 1627
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 1642
Date Prepared: 02/03/2008 1642

Analysis Batch: 660-57098

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0323.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-60**

Lab Sample ID: 660-20822-4
Client Matrix: Water

Date Sampled: 01/28/2008 1627
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 1642
Date Prepared: 02/03/2008 1642

Analysis Batch: 660-57098

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0323.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	105	77 - 122
4-Bromofluorobenzene	106	74 - 126
Dibromofluoromethane	97	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-109**

Lab Sample ID: 660-20822-5
Client Matrix: Water

Date Sampled: 01/28/2008 1528
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 1704
Date Prepared: 02/03/2008 1704

Analysis Batch: 660-57098

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0324.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.77	I	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: MW-109

Lab Sample ID: 660-20822-5
Client Matrix: Water

Date Sampled: 01/28/2008 1528
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 1704
Date Prepared: 02/03/2008 1704

Analysis Batch: 660-57098

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0324.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	96	77 - 122
4-Bromofluorobenzene	100	74 - 126
Dibromofluoromethane	82	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: MW-21

Lab Sample ID: 660-20822-6
Client Matrix: Water

Date Sampled: 01/28/2008 1121
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 1727
Date Prepared: 02/03/2008 1727

Analysis Batch: 660-57098

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0325.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: MW-21

Lab Sample ID: 660-20822-6
Client Matrix: Water

Date Sampled: 01/28/2008 1121
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 1727
Date Prepared: 02/03/2008 1727

Analysis Batch: 660-57098

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0325.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	1.2		0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	98	77 - 122
4-Bromofluorobenzene	101	74 - 126
Dibromofluoromethane	89	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-86**

Lab Sample ID: 660-20822-7
Client Matrix: Water

Date Sampled: 01/28/2008 1028
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 1749
Date Prepared: 02/03/2008 1749

Analysis Batch: 660-57098

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0326.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U J	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U J	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U J	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	1.6		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	1.8		0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U J	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U J	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U J	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-86**

Lab Sample ID: 660-20822-7
Client Matrix: Water

Date Sampled: 01/28/2008 1028
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 1749
Date Prepared: 02/03/2008 1749

Analysis Batch: 660-57098

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0326.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	97	77 - 122
4-Bromofluorobenzene	102	74 - 126
Dibromofluoromethane	88	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-110**

Lab Sample ID: 660-20822-8
Client Matrix: Water

Date Sampled: 01/28/2008 1112
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 1811
Date Prepared: 02/03/2008 1811

Analysis Batch: 660-57098

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0327.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	15		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	15		0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-110**

Lab Sample ID: 660-20822-8
Client Matrix: Water

Date Sampled: 01/28/2008 1112
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 1811
Date Prepared: 02/03/2008 1811

Analysis Batch: 660-57098

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0327.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	97	77 - 122
4-Bromofluorobenzene	101	74 - 126
Dibromofluoromethane	87	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: MW-67

Lab Sample ID: 660-20822-9
Client Matrix: Water

Date Sampled: 01/28/2008 1657
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 1834
Date Prepared: 02/03/2008 1834

Analysis Batch: 660-57098

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0328.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	25		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	41		0.45	1.0
cis-1,2-Dichloroethene	2.3		0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-67**

Lab Sample ID: 660-20822-9
Client Matrix: Water

Date Sampled: 01/28/2008 1657
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 1834
Date Prepared: 02/03/2008 1834

Analysis Batch: 660-57098

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0328.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	14		0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	99	77 - 122
4-Bromofluorobenzene	107	74 - 126
Dibromofluoromethane	87	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-65**

Lab Sample ID: 660-20822-10
Client Matrix: Water

Date Sampled: 01/28/2008 1012
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 1857
Date Prepared: 02/03/2008 1857

Analysis Batch: 660-57098

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0329.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: MW-65

Lab Sample ID: 660-20822-10
Client Matrix: Water

Date Sampled: 01/28/2008 1012
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 1857
Date Prepared: 02/03/2008 1857

Analysis Batch: 660-57098

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0329.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	101	77 - 122
4-Bromofluorobenzene	107	74 - 126
Dibromofluoromethane	92	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-135**

Lab Sample ID: 660-20822-11
Client Matrix: Water

Date Sampled: 01/28/2008 1105
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 1921
Date Prepared: 02/03/2008 1921

Analysis Batch: 660-57098

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0330.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U J	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U J	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U J	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.72	I	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	1.2		0.45	1.0
cis-1,2-Dichloroethene	63		0.65	1.0
trans-1,2-Dichloroethene	0.50	U J	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U J	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U J	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: MW-135

Lab Sample ID: 660-20822-11
Client Matrix: Water

Date Sampled: 01/28/2008 1105
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 1921
Date Prepared: 02/03/2008 1921

Analysis Batch: 660-57098

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0330.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	80		0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	101	77 - 122
4-Bromofluorobenzene	106	74 - 126
Dibromofluoromethane	88	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-93**

Lab Sample ID: 660-20822-12
Client Matrix: Water

Date Sampled: 01/28/2008 1055
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 1946
Date Prepared: 02/03/2008 1946

Analysis Batch: 660-57098

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0331.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: MW-93

Lab Sample ID: 660-20822-12
Client Matrix: Water

Date Sampled: 01/28/2008 1055
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 1946
Date Prepared: 02/03/2008 1946

Analysis Batch: 660-57098

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0331.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	93	77 - 122
4-Bromofluorobenzene	100	74 - 126
Dibromofluoromethane	82	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-50**

Lab Sample ID: 660-20822-13
Client Matrix: Water

Date Sampled: 01/28/2008 1318
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/04/2008 2200
Date Prepared: 02/04/2008 2200

Analysis Batch: 660-57469

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0428.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U J	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U J	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U J	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-50**

Lab Sample ID: 660-20822-13
Client Matrix: Water

Date Sampled: 01/28/2008 1318
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/04/2008 2200
Date Prepared: 02/04/2008 2200

Analysis Batch: 660-57469

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0428.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U J	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U J	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U J	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	94	77 - 122
4-Bromofluorobenzene	104	74 - 126
Dibromofluoromethane	79	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-111**

Lab Sample ID: 660-20822-14
Client Matrix: Water

Date Sampled: 01/28/2008 1700
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/04/2008 2222
Date Prepared: 02/04/2008 2222

Analysis Batch: 660-57469

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0429.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U J	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U J	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U J	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-111**

Lab Sample ID: 660-20822-14
Client Matrix: Water

Date Sampled: 01/28/2008 1700
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/04/2008 2222
Date Prepared: 02/04/2008 2222

Analysis Batch: 660-57469

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0429.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	94	77 - 122
4-Bromofluorobenzene	107	74 - 126
Dibromofluoromethane	75	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-113**

Lab Sample ID: 660-20822-15
Client Matrix: Water

Date Sampled: 01/28/2008 1618
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/04/2008 2244
Date Prepared: 02/04/2008 2244

Analysis Batch: 660-57469

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0430.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: MW-113

Lab Sample ID: 660-20822-15
Client Matrix: Water

Date Sampled: 01/28/2008 1618
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/04/2008 2244
Date Prepared: 02/04/2008 2244

Analysis Batch: 660-57469

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0430.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	102	77 - 122
4-Bromofluorobenzene	121	74 - 126
Dibromofluoromethane	88	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-51**

Lab Sample ID: 660-20822-16
Client Matrix: Water

Date Sampled: 01/28/2008 1640
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/04/2008 2307
Date Prepared: 02/04/2008 2307

Analysis Batch: 660-57469

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0431.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: MW-51

Lab Sample ID: 660-20822-16
Client Matrix: Water

Date Sampled: 01/28/2008 1640
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/04/2008 2307
Date Prepared: 02/04/2008 2307

Analysis Batch: 660-57469

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0431.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	104	77 - 122
4-Bromofluorobenzene	117	74 - 126
Dibromofluoromethane	86	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-26**

Lab Sample ID: 660-20822-17
Client Matrix: Water

Date Sampled: 01/28/2008 1503
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/04/2008 2329
Date Prepared: 02/04/2008 2329

Analysis Batch: 660-57469

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0432.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-26**

Lab Sample ID: 660-20822-17
Client Matrix: Water

Date Sampled: 01/28/2008 1503
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/04/2008 2329
Date Prepared: 02/04/2008 2329

Analysis Batch: 660-57469

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0432.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec		Acceptance Limits
Toluene-d8 (Surr)	112		77 - 122
4-Bromofluorobenzene	127	J1	74 - 126
Dibromofluoromethane	94		70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-44**

Lab Sample ID: 660-20822-18
Client Matrix: Water

Date Sampled: 01/28/2008 1319
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/04/2008 2351
Date Prepared: 02/04/2008 2351

Analysis Batch: 660-57469

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0433.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	5.1		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	2.9		0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-44**

Lab Sample ID: 660-20822-18
Client Matrix: Water

Date Sampled: 01/28/2008 1319
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/04/2008 2351
Date Prepared: 02/04/2008 2351

Analysis Batch: 660-57469

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0433.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U J	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U J	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U J	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	103	77 - 122
4-Bromofluorobenzene	123	74 - 126
Dibromofluoromethane	86	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-78**

Lab Sample ID: 660-20822-19
Client Matrix: Water

Date Sampled: 01/28/2008 1345
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/05/2008 0013
Date Prepared: 02/05/2008 0013

Analysis Batch: 660-57469

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0434.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,2-Dichloroethane	0.57	U	0.57	1.0
cis-1,2-Dichloroethene	110		0.65	1.0
trans-1,2-Dichloroethene	3.7	J	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	6.4	J	0.50	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-78**

Lab Sample ID: 660-20822-19
Client Matrix: Water

Date Sampled: 01/28/2008 1345
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/05/2008 0013
Date Prepared: 02/05/2008 0013

Analysis Batch: 660-57469

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0434.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	48	J	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	1.2		0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U J	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	101	77 - 122
4-Bromofluorobenzene	120	74 - 126
Dibromofluoromethane	87	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: MW-78

Lab Sample ID: 660-20822-19
Client Matrix: Water

Date Sampled: 01/28/2008 1345
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 5.0
Date Analyzed: 02/07/2008 0858
Date Prepared: 02/07/2008 0858

Analysis Batch: 660-57315
Run Type: DL

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0667.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1-Dichloroethane	340	D	2.6	5.0
1,1-Dichloroethene	320	D	2.2	5.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-18S**

Lab Sample ID: 660-20822-20
Client Matrix: Water

Date Sampled: 01/28/2008 1050
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/05/2008 0036
Date Prepared: 02/05/2008 0036

Analysis Batch: 660-57469

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0435.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: MW-18S

Lab Sample ID: 660-20822-20
Client Matrix: Water

Date Sampled: 01/28/2008 1050
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/05/2008 0036
Date Prepared: 02/05/2008 0036

Analysis Batch: 660-57469

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0435.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	103	77 - 122
4-Bromofluorobenzene	116	74 - 126
Dibromofluoromethane	88	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: MW-18D

Lab Sample ID: 660-20822-21
Client Matrix: Water

Date Sampled: 01/28/2008 1035
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/05/2008 0058
Date Prepared: 02/05/2008 0058

Analysis Batch: 660-57469

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0436.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.74	I	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	2.1		0.65	1.0
trans-1,2-Dichloroethene	3.1	J	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-18D**

Lab Sample ID: 660-20822-21
Client Matrix: Water

Date Sampled: 01/28/2008 1035
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/05/2008 0058
Date Prepared: 02/05/2008 0058

Analysis Batch: 660-57469

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0436.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U J	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.52	J	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U J	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	103	77 - 122
4-Bromofluorobenzene	117	74 - 126
Dibromofluoromethane	86	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-91**

Lab Sample ID: 660-20822-22
Client Matrix: Water

Date Sampled: 01/28/2008 0935
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/05/2008 0120
Date Prepared: 02/05/2008 0120

Analysis Batch: 660-57469

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0437.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	34		2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	3.8		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	3.1		0.45	1.0
cis-1,2-Dichloroethene	7.0		0.65	1.0
trans-1,2-Dichloroethene	0.92	J	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-91**

Lab Sample ID: 660-20822-22
Client Matrix: Water

Date Sampled: 01/28/2008 0935
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/05/2008 0120
Date Prepared: 02/05/2008 0120

Analysis Batch: 660-57469

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0437.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	16		0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	97	77 - 122
4-Bromofluorobenzene	106	74 - 126
Dibromofluoromethane	79	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-29**

Lab Sample ID: 660-20822-23
Client Matrix: Water

Date Sampled: 01/28/2008 1116
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/05/2008 0142
Date Prepared: 02/05/2008 0142

Analysis Batch: 660-57469

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0438.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	10		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	7.5		0.45	1.0
cis-1,2-Dichloroethene	12		0.65	1.0
trans-1,2-Dichloroethene	3.2	J	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: MW-29

Lab Sample ID: 660-20822-23
Client Matrix: Water

Date Sampled: 01/28/2008 1116
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/05/2008 0142
Date Prepared: 02/05/2008 0142

Analysis Batch: 660-57469

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0438.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U J	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	91	J	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U J	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	105	77 - 122
4-Bromofluorobenzene	124	74 - 126
Dibromofluoromethane	87	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-133**

Lab Sample ID: 660-20822-24
Client Matrix: Water

Date Sampled: 01/28/2008 0937
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/05/2008 0205
Date Prepared: 02/05/2008 0205

Analysis Batch: 660-57469

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0439.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-133**

Lab Sample ID: 660-20822-24
Client Matrix: Water

Date Sampled: 01/28/2008 0937
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/05/2008 0205
Date Prepared: 02/05/2008 0205

Analysis Batch: 660-57469

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0439.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U J	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U J	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	180	J	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U J	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	101	77 - 122
4-Bromofluorobenzene	115	74 - 126
Dibromofluoromethane	82	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: MW-52

Lab Sample ID: 660-20822-25
Client Matrix: Water

Date Sampled: 01/28/2008 1140
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/05/2008 0227
Date Prepared: 02/05/2008 0227

Analysis Batch: 660-57469

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0440.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: MW-52

Lab Sample ID: 660-20822-25
Client Matrix: Water

Date Sampled: 01/28/2008 1140
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/05/2008 0227
Date Prepared: 02/05/2008 0227

Analysis Batch: 660-57469

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0440.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	100	77 - 122
4-Bromofluorobenzene	120	74 - 126
Dibromofluoromethane	83	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: MW-64

Lab Sample ID: 660-20822-26
Client Matrix: Water

Date Sampled: 01/28/2008 1205
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/05/2008 0249
Date Prepared: 02/05/2008 0249

Analysis Batch: 660-57469

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0441.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	1.7		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.79	I	0.45	1.0
cis-1,2-Dichloroethene	2.0		0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: MW-64

Lab Sample ID: 660-20822-26
Client Matrix: Water

Date Sampled: 01/28/2008 1205
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/05/2008 0249
Date Prepared: 02/05/2008 0249

Analysis Batch: 660-57469

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0441.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	10		0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	99	77 - 122
4-Bromofluorobenzene	114	74 - 126
Dibromofluoromethane	81	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-28**

Lab Sample ID: 660-20822-27
Client Matrix: Water

Date Sampled: 01/28/2008 1255
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/05/2008 0311
Date Prepared: 02/05/2008 0311

Analysis Batch: 660-57469

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0442.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	3.1		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	1.4		0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-28**

Lab Sample ID: 660-20822-27
Client Matrix: Water

Date Sampled: 01/28/2008 1255
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/05/2008 0311
Date Prepared: 02/05/2008 0311

Analysis Batch: 660-57469

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0442.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	97	77 - 122
4-Bromofluorobenzene	111	74 - 126
Dibromofluoromethane	77	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-53**

Lab Sample ID: 660-20822-28
Client Matrix: Water

Date Sampled: 01/28/2008 1215
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/05/2008 0333
Date Prepared: 02/05/2008 0333

Analysis Batch: 660-57469

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0443.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: MW-53

Lab Sample ID: 660-20822-28
Client Matrix: Water

Date Sampled: 01/28/2008 1215
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/05/2008 0333
Date Prepared: 02/05/2008 0333

Analysis Batch: 660-57469

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0443.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	108	77 - 122
4-Bromofluorobenzene	125	74 - 126
Dibromofluoromethane	89	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-54**

Lab Sample ID: 660-20822-29
Client Matrix: Water

Date Sampled: 01/28/2008 1115
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/05/2008 0356
Date Prepared: 02/05/2008 0356

Analysis Batch: 660-57469

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0444.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-54**

Lab Sample ID: 660-20822-29
Client Matrix: Water

Date Sampled: 01/28/2008 1115
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/05/2008 0356
Date Prepared: 02/05/2008 0356

Analysis Batch: 660-57469

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0444.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U J	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U J	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U J	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	98	77 - 122
4-Bromofluorobenzene	113	74 - 126
Dibromofluoromethane	80	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-27**

Lab Sample ID: 660-20822-30
Client Matrix: Water

Date Sampled: 01/28/2008 1040
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/05/2008 0418
Date Prepared: 02/05/2008 0418

Analysis Batch: 660-57469

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0445.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	69		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	120		0.45	1.0
cis-1,2-Dichloroethene	11		0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: MW-27

Lab Sample ID: 660-20822-30
Client Matrix: Water

Date Sampled: 01/28/2008 1040
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/05/2008 0418
Date Prepared: 02/05/2008 0418

Analysis Batch: 660-57469

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0445.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	79	J	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	23	J	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U J	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	113	77 - 122
4-Bromofluorobenzene	125	74 - 126
Dibromofluoromethane	92	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: MW-104

Lab Sample ID: 660-20822-31
Client Matrix: Water

Date Sampled: 01/28/2008 1115
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/05/2008 0440
Date Prepared: 02/05/2008 0440

Analysis Batch: 660-57469

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0446.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U J	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U J	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	23		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	25		0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U J	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: MW-104

Lab Sample ID: 660-20822-31
Client Matrix: Water

Date Sampled: 01/28/2008 1115
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/05/2008 0440
Date Prepared: 02/05/2008 0440

Analysis Batch: 660-57469

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0446.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U J	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.85	J	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U J	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	102	77 - 122
4-Bromofluorobenzene	110	74 - 126
Dibromofluoromethane	83	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-105**

Lab Sample ID: 660-20822-32
Client Matrix: Water

Date Sampled: 01/28/2008 1010
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/05/2008 0502
Date Prepared: 02/05/2008 0502

Analysis Batch: 660-57469

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0447.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-105**

Lab Sample ID: 660-20822-32
Client Matrix: Water

Date Sampled: 01/28/2008 1010
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/05/2008 0502
Date Prepared: 02/05/2008 0502

Analysis Batch: 660-57469

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0447.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U J	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U J	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U J	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	100	77 - 122
4-Bromofluorobenzene	118	74 - 126
Dibromofluoromethane	84	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-248**

Lab Sample ID: 660-20822-33
Client Matrix: Water

Date Sampled: 01/28/2008 1225
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/07/2008 0217
Date Prepared: 02/07/2008 0217

Analysis Batch: 660-57315

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0649.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	1.1		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.68	I	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-248**

Lab Sample ID: 660-20822-33
Client Matrix: Water

Date Sampled: 01/28/2008 1225
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/07/2008 0217
Date Prepared: 02/07/2008 0217

Analysis Batch: 660-57315

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0649.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	14	I	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	3.6	J	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	101	77 - 122
4-Bromofluorobenzene	88	74 - 126
Dibromofluoromethane	94	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **DUP14**

Lab Sample ID: 660-20822-34
Client Matrix: Water

Date Sampled: 01/28/2008 0000
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/07/2008 0240
Date Prepared: 02/07/2008 0240

Analysis Batch: 660-57315

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0650.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **DUP14**

Lab Sample ID: 660-20822-34
Client Matrix: Water

Date Sampled: 01/28/2008 0000
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/07/2008 0240
Date Prepared: 02/07/2008 0240

Analysis Batch: 660-57315

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0650.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	111	77 - 122
4-Bromofluorobenzene	98	74 - 126
Dibromofluoromethane	105	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: DUP15

Lab Sample ID: 660-20822-35
Client Matrix: Water

Date Sampled: 01/28/2008 0000
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/07/2008 0302
Date Prepared: 02/07/2008 0302

Analysis Batch: 660-57315

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0651.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.98	I	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	2.1		0.45	1.0
cis-1,2-Dichloroethene	93		0.65	1.0
trans-1,2-Dichloroethene	0.93	I	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **DUP15**

Lab Sample ID: 660-20822-35
Client Matrix: Water

Date Sampled: 01/28/2008 0000
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/07/2008 0302
Date Prepared: 02/07/2008 0302

Analysis Batch: 660-57315

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0651.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	120		0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	112	77 - 122
4-Bromofluorobenzene	98	74 - 126
Dibromofluoromethane	107	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **DUP16**

Lab Sample ID: 660-20822-36
Client Matrix: Water

Date Sampled: 01/28/2008 0000
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/07/2008 0324
Date Prepared: 02/07/2008 0324

Analysis Batch: 660-57315

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0652.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **DUP16**

Lab Sample ID: 660-20822-36
Client Matrix: Water

Date Sampled: 01/28/2008 0000
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/07/2008 0324
Date Prepared: 02/07/2008 0324

Analysis Batch: 660-57315

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0652.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	130		9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	105	77 - 122
4-Bromofluorobenzene	92	74 - 126
Dibromofluoromethane	100	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **DUP17**

Lab Sample ID: 660-20822-37
Client Matrix: Water

Date Sampled: 01/28/2008 0000
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/07/2008 0346
Date Prepared: 02/07/2008 0346

Analysis Batch: 660-57315

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0653.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **DUP17**

Lab Sample ID: 660-20822-37
Client Matrix: Water

Date Sampled: 01/28/2008 0000
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/07/2008 0346
Date Prepared: 02/07/2008 0346

Analysis Batch: 660-57315

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0653.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	115	77 - 122
4-Bromofluorobenzene	103	74 - 126
Dibromofluoromethane	108	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **TB-14**

Lab Sample ID: 660-20822-38
Client Matrix: Water

Date Sampled: 01/28/2008 0000
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/09/2008 1455
Date Prepared: 02/09/2008 1455

Analysis Batch: 660-57397

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0913.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.4	U	2.4	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.4	U	2.4	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.64	U	0.64	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.4	U	2.4	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.4	U	2.4	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.64	U	0.64	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.4	U	2.4	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **TB-14**

Lab Sample ID: 660-20822-38
Client Matrix: Water

Date Sampled: 01/28/2008 0000
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/09/2008 1455
Date Prepared: 02/09/2008 1455

Analysis Batch: 660-57397

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0913.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.4	U	2.4	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.84	U	0.84	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	86	77 - 122
4-Bromofluorobenzene	96	74 - 126
Dibromofluoromethane	84	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **TB-15**

Lab Sample ID: 660-20822-39
Client Matrix: Water

Date Sampled: 01/28/2008 0000
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/07/2008 0431
Date Prepared: 02/07/2008 0431

Analysis Batch: 660-57315

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0655.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **TB-15**

Lab Sample ID: 660-20822-39
Client Matrix: Water

Date Sampled: 01/28/2008 0000
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/07/2008 0431
Date Prepared: 02/07/2008 0431

Analysis Batch: 660-57315

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0655.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	111	77 - 122
4-Bromofluorobenzene	94	74 - 126
Dibromofluoromethane	103	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **TB-16**

Lab Sample ID: 660-20822-40
Client Matrix: Water

Date Sampled: 01/28/2008 0000
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/07/2008 0453
Date Prepared: 02/07/2008 0453

Analysis Batch: 660-57315

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0656.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: TB-16

Lab Sample ID: 660-20822-40
Client Matrix: Water

Date Sampled: 01/28/2008 0000
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/07/2008 0453
Date Prepared: 02/07/2008 0453

Analysis Batch: 660-57315

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0656.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	111	77 - 122
4-Bromofluorobenzene	98	74 - 126
Dibromofluoromethane	106	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **TB-17**

Lab Sample ID: 660-20822-41
Client Matrix: Water

Date Sampled: 01/28/2008 0000
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/07/2008 0515
Date Prepared: 02/07/2008 0515

Analysis Batch: 660-57315

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0657.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **TB-17**

Lab Sample ID: 660-20822-41
Client Matrix: Water

Date Sampled: 01/28/2008 0000
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/07/2008 0515
Date Prepared: 02/07/2008 0515

Analysis Batch: 660-57315

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0657.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	108	77 - 122
4-Bromofluorobenzene	90	74 - 126
Dibromofluoromethane	98	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **EB-14**

Lab Sample ID: 660-20822-42
Client Matrix: Water

Date Sampled: 01/28/2008 1130
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/07/2008 0538
Date Prepared: 02/07/2008 0538

Analysis Batch: 660-57315

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0658.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: EB-14

Lab Sample ID: 660-20822-42
Client Matrix: Water

Date Sampled: 01/28/2008 1130
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/07/2008 0538
Date Prepared: 02/07/2008 0538

Analysis Batch: 660-57315

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0658.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	115	77 - 122
4-Bromofluorobenzene	96	74 - 126
Dibromofluoromethane	109	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: EB-15

Lab Sample ID: 660-20822-43
Client Matrix: Water

Date Sampled: 01/28/2008 1715
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/07/2008 0600
Date Prepared: 02/07/2008 0600

Analysis Batch: 660-57315

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0659.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: EB-15

Lab Sample ID: 660-20822-43
Client Matrix: Water

Date Sampled: 01/28/2008 1715
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/07/2008 0600
Date Prepared: 02/07/2008 0600

Analysis Batch: 660-57315

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0659.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	110	77 - 122
4-Bromofluorobenzene	94	74 - 126
Dibromofluoromethane	107	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **EB-16**

Lab Sample ID: 660-20822-44
Client Matrix: Water

Date Sampled: 01/28/2008 1625
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/07/2008 0622
Date Prepared: 02/07/2008 0622

Analysis Batch: 660-57315

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0660.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: EB-16

Lab Sample ID: 660-20822-44
Client Matrix: Water

Date Sampled: 01/28/2008 1625
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/07/2008 0622
Date Prepared: 02/07/2008 0622

Analysis Batch: 660-57315

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0660.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	112	77 - 122
4-Bromofluorobenzene	93	74 - 126
Dibromofluoromethane	105	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: MW-201

Lab Sample ID: 660-20822-45
Client Matrix: Water

Date Sampled: 01/28/2008 1550
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/07/2008 0644
Date Prepared: 02/07/2008 0644

Analysis Batch: 660-57315

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0661.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: MW-201

Lab Sample ID: 660-20822-45
Client Matrix: Water

Date Sampled: 01/28/2008 1550
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/07/2008 0644
Date Prepared: 02/07/2008 0644

Analysis Batch: 660-57315

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0661.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	116	77 - 122
4-Bromofluorobenzene	98	74 - 126
Dibromofluoromethane	112	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-199**

Lab Sample ID: 660-20822-46
Client Matrix: Water

Date Sampled: 01/28/2008 1550
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/07/2008 0706
Date Prepared: 02/07/2008 0706

Analysis Batch: 660-57315

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0662.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: MW-199

Lab Sample ID: 660-20822-46
Client Matrix: Water

Date Sampled: 01/28/2008 1550
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/07/2008 0706
Date Prepared: 02/07/2008 0706

Analysis Batch: 660-57315

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0662.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	106	77 - 122
4-Bromofluorobenzene	88	74 - 126
Dibromofluoromethane	103	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-200**

Lab Sample ID: 660-20822-47
Client Matrix: Water

Date Sampled: 01/28/2008 1440
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/07/2008 0729
Date Prepared: 02/07/2008 0729

Analysis Batch: 660-57315

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0663.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-200**

Lab Sample ID: 660-20822-47
Client Matrix: Water

Date Sampled: 01/28/2008 1440
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/07/2008 0729
Date Prepared: 02/07/2008 0729

Analysis Batch: 660-57315

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0663.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	119	77 - 122
4-Bromofluorobenzene	98	74 - 126
Dibromofluoromethane	119	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-198**

Lab Sample ID: 660-20822-48
Client Matrix: Water

Date Sampled: 01/28/2008 1445
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/07/2008 0751
Date Prepared: 02/07/2008 0751

Analysis Batch: 660-57315

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0664.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-198**

Lab Sample ID: 660-20822-48
Client Matrix: Water

Date Sampled: 01/28/2008 1445
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/07/2008 0751
Date Prepared: 02/07/2008 0751

Analysis Batch: 660-57315

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0664.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	102	77 - 122
4-Bromofluorobenzene	88	74 - 126
Dibromofluoromethane	101	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **DUP21**

Lab Sample ID: 660-20822-49
Client Matrix: Water

Date Sampled: 01/28/2008 0000
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/07/2008 0813
Date Prepared: 02/07/2008 0813

Analysis Batch: 660-57315

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0665.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: DUP21

Lab Sample ID: 660-20822-49
Client Matrix: Water

Date Sampled: 01/28/2008 0000
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/07/2008 0813
Date Prepared: 02/07/2008 0813

Analysis Batch: 660-57315

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0665.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec		Acceptance Limits
Toluene-d8 (Surr)	151	J1	77 - 122
4-Bromofluorobenzene	126	J1	74 - 126
Dibromofluoromethane	147	J1	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: EB-21

Lab Sample ID: 660-20822-50
Client Matrix: Water

Date Sampled: 01/28/2008 1650
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/07/2008 0835
Date Prepared: 02/07/2008 0835

Analysis Batch: 660-57315

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0666.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **EB-21**

Lab Sample ID: 660-20822-50
Client Matrix: Water

Date Sampled: 01/28/2008 1650
Date Received: 01/29/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/07/2008 0835
Date Prepared: 02/07/2008 0835

Analysis Batch: 660-57315

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0666.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	104	77 - 122
4-Bromofluorobenzene	87	74 - 126
Dibromofluoromethane	100	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-31**

Lab Sample ID: 660-20822-1
Client Matrix: Water

Date Sampled: 01/28/2008 1305
Date Received: 01/29/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 1535
Date Prepared: 02/03/2008 1535

Analysis Batch: 660-57097

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0320.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-59**

Lab Sample ID: 660-20822-2
Client Matrix: Water

Date Sampled: 01/28/2008 1240
Date Received: 01/29/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 1557
Date Prepared: 02/03/2008 1557

Analysis Batch: 660-57097

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0321.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-68**

Lab Sample ID: 660-20822-3
Client Matrix: Water

Date Sampled: 01/28/2008 1350
Date Received: 01/29/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/08/2008 2311
Date Prepared: 02/08/2008 2311

Analysis Batch: 660-57684

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0822.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	16		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-60**

Lab Sample ID: 660-20822-4
Client Matrix: Water

Date Sampled: 01/28/2008 1627
Date Received: 01/29/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 1642
Date Prepared: 02/03/2008 1642

Analysis Batch: 660-57097

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0323.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	2.5		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-109**

Lab Sample ID: 660-20822-5
Client Matrix: Water

Date Sampled: 01/28/2008 1528
Date Received: 01/29/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 1704
Date Prepared: 02/03/2008 1704

Analysis Batch: 660-57097

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0324.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	15		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-21**

Lab Sample ID: 660-20822-6
Client Matrix: Water

Date Sampled: 01/28/2008 1121
Date Received: 01/29/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 1727
Date Prepared: 02/03/2008 1727

Analysis Batch: 660-57097

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0325.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-86**

Lab Sample ID: 660-20822-7
Client Matrix: Water

Date Sampled: 01/28/2008 1028
Date Received: 01/29/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 1749
Date Prepared: 02/03/2008 1749

Analysis Batch: 660-57097

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0326.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	13		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-110**

Lab Sample ID: 660-20822-8
Client Matrix: Water

Date Sampled: 01/28/2008 1112
Date Received: 01/29/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 1811
Date Prepared: 02/03/2008 1811

Analysis Batch: 660-57097

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0327.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	62		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-67**

Lab Sample ID: 660-20822-9
Client Matrix: Water

Date Sampled: 01/28/2008 1657
Date Received: 01/29/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 1834
Date Prepared: 02/03/2008 1834

Analysis Batch: 660-57097

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0328.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	54		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-65**

Lab Sample ID: 660-20822-10
Client Matrix: Water

Date Sampled: 01/28/2008 1012
Date Received: 01/29/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 1857
Date Prepared: 02/03/2008 1857

Analysis Batch: 660-57097

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0329.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-135**

Lab Sample ID: 660-20822-11
Client Matrix: Water

Date Sampled: 01/28/2008 1105
Date Received: 01/29/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 1921
Date Prepared: 02/03/2008 1921

Analysis Batch: 660-57097

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0330.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	29		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-93**

Lab Sample ID: 660-20822-12
Client Matrix: Water

Date Sampled: 01/28/2008 1055
Date Received: 01/29/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/03/2008 1946
Date Prepared: 02/03/2008 1946

Analysis Batch: 660-57097

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0331.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-50**

Lab Sample ID: 660-20822-13
Client Matrix: Water

Date Sampled: 01/28/2008 1318
Date Received: 01/29/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/04/2008 2200
Date Prepared: 02/04/2008 2200

Analysis Batch: 660-57215

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0428.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-111**

Lab Sample ID: 660-20822-14
Client Matrix: Water

Date Sampled: 01/28/2008 1700
Date Received: 01/29/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/04/2008 2222
Date Prepared: 02/04/2008 2222

Analysis Batch: 660-57215

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0429.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-113**

Lab Sample ID: 660-20822-15
Client Matrix: Water

Date Sampled: 01/28/2008 1618
Date Received: 01/29/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/04/2008 2244
Date Prepared: 02/04/2008 2244

Analysis Batch: 660-57215

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0430.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-51**

Lab Sample ID: 660-20822-16
Client Matrix: Water

Date Sampled: 01/28/2008 1640
Date Received: 01/29/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/04/2008 2307
Date Prepared: 02/04/2008 2307

Analysis Batch: 660-57215

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0431.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-26**

Lab Sample ID: 660-20822-17
Client Matrix: Water

Date Sampled: 01/28/2008 1503
Date Received: 01/29/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/04/2008 2329
Date Prepared: 02/04/2008 2329

Analysis Batch: 660-57215

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0432.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-44**

Lab Sample ID: 660-20822-18
Client Matrix: Water

Date Sampled: 01/28/2008 1319
Date Received: 01/29/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/04/2008 2351
Date Prepared: 02/04/2008 2351

Analysis Batch: 660-57215

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0433.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	4.8		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-78**

Lab Sample ID: 660-20822-19
Client Matrix: Water

Date Sampled: 01/28/2008 1345
Date Received: 01/29/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/05/2008 0013
Date Prepared: 02/05/2008 0013

Analysis Batch: 660-57215

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0434.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	99		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-18S**

Lab Sample ID: 660-20822-20
Client Matrix: Water

Date Sampled: 01/28/2008 1050
Date Received: 01/29/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/05/2008 0036
Date Prepared: 02/05/2008 0036

Analysis Batch: 660-57215

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0435.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-18D**

Lab Sample ID: 660-20822-21
Client Matrix: Water

Date Sampled: 01/28/2008 1035
Date Received: 01/29/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/05/2008 0058
Date Prepared: 02/05/2008 0058

Analysis Batch: 660-57215

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0436.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	2.6		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-91**

Lab Sample ID: 660-20822-22
Client Matrix: Water

Date Sampled: 01/28/2008 0935
Date Received: 01/29/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/05/2008 0120
Date Prepared: 02/05/2008 0120

Analysis Batch: 660-57215

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0437.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	85		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-29**

Lab Sample ID: 660-20822-23
Client Matrix: Water

Date Sampled: 01/28/2008 1116
Date Received: 01/29/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/05/2008 0142
Date Prepared: 02/05/2008 0142

Analysis Batch: 660-57215

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0438.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	91		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-133**

Lab Sample ID: 660-20822-24
Client Matrix: Water

Date Sampled: 01/28/2008 0937
Date Received: 01/29/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/05/2008 0205
Date Prepared: 02/05/2008 0205

Analysis Batch: 660-57215

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0439.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-52**

Lab Sample ID: 660-20822-25
Client Matrix: Water

Date Sampled: 01/28/2008 1140
Date Received: 01/29/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/05/2008 0227
Date Prepared: 02/05/2008 0227

Analysis Batch: 660-57215

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0440.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-64**

Lab Sample ID: 660-20822-26
Client Matrix: Water

Date Sampled: 01/28/2008 1205
Date Received: 01/29/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/05/2008 0249
Date Prepared: 02/05/2008 0249

Analysis Batch: 660-57215

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0441.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	19		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-28**

Lab Sample ID: 660-20822-27
Client Matrix: Water

Date Sampled: 01/28/2008 1255
Date Received: 01/29/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/05/2008 0311
Date Prepared: 02/05/2008 0311

Analysis Batch: 660-57215

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0442.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	28		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-53**

Lab Sample ID: 660-20822-28
Client Matrix: Water

Date Sampled: 01/28/2008 1215
Date Received: 01/29/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/05/2008 0333
Date Prepared: 02/05/2008 0333

Analysis Batch: 660-57215

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0443.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-54**

Lab Sample ID: 660-20822-29
Client Matrix: Water

Date Sampled: 01/28/2008 1115
Date Received: 01/29/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/05/2008 0356
Date Prepared: 02/05/2008 0356

Analysis Batch: 660-57215

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0444.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-27**

Lab Sample ID: 660-20822-30
Client Matrix: Water

Date Sampled: 01/28/2008 1040
Date Received: 01/29/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/05/2008 0418
Date Prepared: 02/05/2008 0418

Analysis Batch: 660-57215

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0445.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	69		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-104**

Lab Sample ID: 660-20822-31
Client Matrix: Water

Date Sampled: 01/28/2008 1115
Date Received: 01/29/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/05/2008 0440
Date Prepared: 02/05/2008 0440

Analysis Batch: 660-57215

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0446.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	91		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-105**

Lab Sample ID: 660-20822-32
Client Matrix: Water

Date Sampled: 01/28/2008 1010
Date Received: 01/29/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/05/2008 0502
Date Prepared: 02/05/2008 0502

Analysis Batch: 660-57215

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0447.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-248**

Lab Sample ID: 660-20822-33
Client Matrix: Water

Date Sampled: 01/28/2008 1225
Date Received: 01/29/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/07/2008 0217
Date Prepared: 02/07/2008 0217

Analysis Batch: 660-57317

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0649.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	12	J	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **DUP14**

Lab Sample ID: 660-20822-34
Client Matrix: Water

Date Sampled: 01/28/2008 0000
Date Received: 01/29/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/07/2008 0240
Date Prepared: 02/07/2008 0240

Analysis Batch: 660-57317

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0650.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	2.6		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **DUP15**

Lab Sample ID: 660-20822-35
Client Matrix: Water

Date Sampled: 01/28/2008 0000
Date Received: 01/29/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/07/2008 0302
Date Prepared: 02/07/2008 0302

Analysis Batch: 660-57317

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0651.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	33		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **DUP16**

Lab Sample ID: 660-20822-36
Client Matrix: Water

Date Sampled: 01/28/2008 0000
Date Received: 01/29/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/07/2008 0324
Date Prepared: 02/07/2008 0324

Analysis Batch: 660-57317

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0652.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **DUP17**

Lab Sample ID: 660-20822-37
Client Matrix: Water

Date Sampled: 01/28/2008 0000
Date Received: 01/29/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/07/2008 0346
Date Prepared: 02/07/2008 0346

Analysis Batch: 660-57317

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0653.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **TB-14**

Lab Sample ID: 660-20822-38
Client Matrix: Water

Date Sampled: 01/28/2008 0000
Date Received: 01/29/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/07/2008 1841
Date Prepared: 02/07/2008 1841

Analysis Batch: 660-57645

Instrument ID: BVMJ GC/MS
Lab File ID: 3JB0710.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **TB-15**

Lab Sample ID: 660-20822-39
Client Matrix: Water

Date Sampled: 01/28/2008 0000
Date Received: 01/29/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/07/2008 0431
Date Prepared: 02/07/2008 0431

Analysis Batch: 660-57317

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0655.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **TB-16**

Lab Sample ID: 660-20822-40
Client Matrix: Water

Date Sampled: 01/28/2008 0000
Date Received: 01/29/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/07/2008 0453
Date Prepared: 02/07/2008 0453

Analysis Batch: 660-57317

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0656.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **TB-17**

Lab Sample ID: 660-20822-41
Client Matrix: Water

Date Sampled: 01/28/2008 0000
Date Received: 01/29/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/07/2008 0515
Date Prepared: 02/07/2008 0515

Analysis Batch: 660-57317

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0657.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **EB-14**

Lab Sample ID: 660-20822-42
Client Matrix: Water

Date Sampled: 01/28/2008 1130
Date Received: 01/29/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/07/2008 0538
Date Prepared: 02/07/2008 0538

Analysis Batch: 660-57317

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0658.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **EB-15**

Lab Sample ID: 660-20822-43
Client Matrix: Water

Date Sampled: 01/28/2008 1715
Date Received: 01/29/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/07/2008 0600
Date Prepared: 02/07/2008 0600

Analysis Batch: 660-57317

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0659.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **EB-16**

Lab Sample ID: 660-20822-44
Client Matrix: Water

Date Sampled: 01/28/2008 1625
Date Received: 01/29/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/07/2008 0622
Date Prepared: 02/07/2008 0622

Analysis Batch: 660-57317

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0660.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-201**

Lab Sample ID: 660-20822-45
Client Matrix: Water

Date Sampled: 01/28/2008 1550
Date Received: 01/29/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/07/2008 0644
Date Prepared: 02/07/2008 0644

Analysis Batch: 660-57317

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0661.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-199**

Lab Sample ID: 660-20822-46
Client Matrix: Water

Date Sampled: 01/28/2008 1550
Date Received: 01/29/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/07/2008 0706
Date Prepared: 02/07/2008 0706

Analysis Batch: 660-57317

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0662.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-200**

Lab Sample ID: 660-20822-47
Client Matrix: Water

Date Sampled: 01/28/2008 1440
Date Received: 01/29/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/07/2008 0729
Date Prepared: 02/07/2008 0729

Analysis Batch: 660-57317

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0663.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **MW-198**

Lab Sample ID: 660-20822-48
Client Matrix: Water

Date Sampled: 01/28/2008 1445
Date Received: 01/29/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/07/2008 0751
Date Prepared: 02/07/2008 0751

Analysis Batch: 660-57317

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0664.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **DUP21**

Lab Sample ID: 660-20822-49
Client Matrix: Water

Date Sampled: 01/28/2008 0000
Date Received: 01/29/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/07/2008 0813
Date Prepared: 02/07/2008 0813

Analysis Batch: 660-57317

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0665.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20822-1
Sdg Number: 660-20822

Client Sample ID: **EB-21**

Lab Sample ID: 660-20822-50
Client Matrix: Water

Date Sampled: 01/28/2008 1650
Date Received: 01/29/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/07/2008 0835
Date Prepared: 02/07/2008 0835

Analysis Batch: 660-57317

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB0666.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

SAMPLE COMPLIANCE REPORT

SAMPLE COMPLIANCE REPORT

Sample Delivery Group	Sampling Date	Protocol	Sample ID	Matrix	Compliancy[1]					Noncompliance
					VOC	SVOC	PCB/PEST/ HERB	MET	MISC	
660-20822	1/28/2008	SW-846	MW-31	Water	Yes	--	--	--	--	
660-20822	1/28/2008	SW-846	MW-65	Water	No	--	--	--	--	VOC – CCAL %D
660-20822	1/28/2008	SW-846	MW-135	Water	No	--	--	--	--	VOC – CCAL %D
660-20822	1/28/2008	SW-846	MW-93	Water	No	--	--	--	--	VOC – CCAL %D
660-20822	1/28/2008	SW-846	MW-50	Water	No	--	--	--	--	VOC – CCAL %D
660-20822	1/28/2008	SW-846	MW-111	Water	No	--	--	--	--	VOC – CCAL %D
660-20822	1/28/2008	SW-846	MW-113	Water	No	--	--	--	--	VOC – CCAL %D
660-20822	1/28/2008	SW-846	MW-51	Water	No	--	--	--	--	VOC – CCAL %D
660-20822	1/28/2008	SW-846	MW-26	Water	No	--	--	--	--	VOC – CCAL %D
660-20822	1/28/2008	SW-846	MW-44	Water	No	--	--	--	--	VOC – CCAL %D
660-20822	1/28/2008	SW-846	MW-78	Water	No	--	--	--	--	VOC – CCAL %D
660-20822	1/28/2008	SW-846	MW-59	Water	No	--	--	--	--	VOC – CCAL %D
660-20822	1/28/2008	SW-846	MW-18S	Water	No	--	--	--	--	VOC – CCAL %D
660-20822	1/28/2008	SW-846	MW-18D	Water	No	--	--	--	--	VOC – CCAL %D
660-20822	1/28/2008	SW-846	MW-91	Water	No	--	--	--	--	VOC – CCAL %D
660-20822	1/28/2008	SW-846	MW-29	Water	No	--	--	--	--	VOC – CCAL %D
660-20822	1/28/2008	SW-846	MW-133	Water	No	--	--	--	--	VOC – CCAL %D
660-20822	1/28/2008	SW-846	MW-52	Water	No	--	--	--	--	VOC – CCAL %D
660-20822	1/28/2008	SW-846	MW-64	Water	No	--	--	--	--	VOC – CCAL %D
660-20822	1/28/2008	SW-846	MW-28	Water	No	--	--	--	--	VOC – CCAL %D
660-20822	1/28/2008	SW-846	MW-53	Water	No	--	--	--	--	VOC – CCAL %D
660-20822	1/28/2008	SW-846	MW-54	Water	No	--	--	--	--	VOC – CCAL %D
660-20822	1/28/2008	SW-846	MW-68	Water	No	--	--	--	--	VOC – CCAL %D
660-20822	1/28/2008	SW-846	MW-27	Water	No	--	--	--	--	VOC – CCAL %D
660-20822	1/28/2008	SW-846	MW-104	Water	No	--	--	--	--	VOC – CCAL %D
660-20822	1/28/2008	SW-846	MW-105	Water	No	--	--	--	--	VOC – CCAL %D
660-20822	1/28/2008	SW-846	MW-248	Water	No	--	--	--	--	VOC – Field Duplicate RPD

Sample Delivery Group	Sampling Date	Protocol	Sample ID	Matrix	Compliancy[1]					Noncompliance
					VOC	SVOC	PCB/PEST/ HERB	MET	MISC	
660-20822	1/28/2008	SW-846	DUP14	Water	Yes	--	--	--	--	
660-20822	1/28/2008	SW-846	DUP15	Water	Yes	--	--	--	--	
660-20822	1/28/2008	SW-846	DUP16	Water	Yes	--	--	--	--	
660-20822	1/28/2008	SW-846	DUP17	Water	Yes	--	--	--	--	
660-20822	1/28/2008	SW-846	TB-14	Water	Yes	--	--	--	--	
660-20822	1/28/2008	SW-846	TB-15	Water	Yes	--	--	--	--	
660-20822	1/28/2008	SW-846	MW-60	Water	No	--	--	--	--	VOC – CCAL %D
660-20822	1/28/2008	SW-846	TB-16	Water	Yes	--	--	--	--	
660-20822	1/28/2008	SW-846	TB-17	Water	Yes	--	--	--	--	
660-20822	1/28/2008	SW-846	EB-14	Water	Yes	--	--	--	--	
660-20822	1/28/2008	SW-846	EB-15	Water	Yes	--	--	--	--	
660-20822	1/28/2008	SW-846	EB-16	Water	Yes	--	--	--	--	
660-20822	1/28/2008	SW-846	MW-201	Water	Yes	--	--	--	--	
660-20822	1/28/2008	SW-846	MW-199	Water	Yes	--	--	--	--	
660-20822	1/28/2008	SW-846	MW-200	Water	Yes	--	--	--	--	
660-20822	1/28/2008	SW-846	MW-198	Water	Yes	--	--	--	--	
660-20822	1/28/2008	SW-846	DUP21	Water	No	--	--	--	--	VOC – Field Duplicate RPD
660-20822	1/28/2008	SW-846	MW-109	Water	No	--	--	--	--	VOC – CCAL %D
660-20822	1/28/2008	SW-846	EB-21	Water	Yes	--	--	--	--	
660-20822	1/28/2008	SW-846	MW-21	Water	No	--	--	--	--	VOC – CCAL %D
660-20822	1/28/2008	SW-846	MW-86	Water	No	--	--	--	--	VOC – CCAL %D
660-20822	1/28/2008	SW-846	MW-110	Water	No	--	--	--	--	VOC – CCAL %D
660-20822	1/28/2008	SW-846	MW-67	Water	No	--	--	--	--	VOC – CCAL %D

1 Samples which are compliant with no added validation qualifiers are listed as "yes". Samples which are non-compliant or which have added qualifiers are listed as "no". A "no" designation does not necessarily indicate that the data have been rejected or are otherwise unusable.

ARCADIS

Attachment 5

DATA REVIEW FOR

LOCKHEED MARTIN - TALLEVAST

TALLEVAST, FLORIDA

SDG #660-20857

VOLATILE ANALYSES

Analyses performed by:

TestAmerica Laboratories
Tampa, Florida

Review performed by:

ARCADIS
Infrastructure, environment, facilities

Syracuse, New York
Report #8147R

Summary

The following is an assessment of the data package for sample delivery group (SDG) #660-20857 for sampling from the Lockheed Martin - Tallevast Site. Included with this assessment are the corrected sample results and the sample compliance report. Analyses were performed on the following samples:

Sample ID	Lab ID	Matrix	Sample Date	Analysis				
				VOC	SVOC	PCB	MET	MISC
MW-24	660-20857-1	Water	1/29/2008	X				
DUP-20	660-20857-10	Water	1/29/2008	X				
MW-16S	660-20857-11	Water	1/29/2008	X				
MW-145	660-20857-12	Water	1/29/2008	X				
MW-143	660-20857-13	Water	1/29/2008	X				
MW-140	660-20857-14	Water	1/29/2008	X				
MW-136	660-20857-15	Water	1/29/2008	X				
MW-207	660-20857-16	Water	1/29/2008	X				
MW-16D	660-20857-17	Water	1/29/2008	X				
MW-206	660-20857-18	Water	1/29/2008	X				
MW-142	660-20857-19	Water	1/29/2008	X				
MW-146	660-20857-2	Water	1/29/2008	X				
MW-141	660-20857-20	Water	1/29/2008	X				
MW-144	660-20857-21	Water	1/29/2008	X				
MW-96	660-20857-22	Water	1/29/2008	X				
MW-139	660-20857-23	Water	1/29/2008	X				
MW-137	660-20857-24	Water	1/29/2008	X				
MW-138	660-20857-25	Water	1/29/2008	X				
MW-176	660-20857-26	Water	1/29/2008	X				
MW-175	660-20857-27	Water	1/29/2008	X				
MW-125	660-20857-28	Water	1/29/2008	X				
MW-13S	660-20857-29	Water	1/29/2008	X				
MW-56	660-20857-3	Water	1/29/2008	X				
MW-13D	660-20857-30	Water	1/29/2008	X				
MW-45	660-20857-31	Water	1/29/2008	X				
MW-115	660-20857-32	Water	1/29/2008	X				
MW-177	660-20857-33	Water	1/29/2008	X				
MW-243	660-20857-34	Water	1/29/2008	X				
MW-244	660-20857-35	Water	1/29/2008	X				
DUP-18	660-20857-36	Water	1/29/2008	X				
MW-231	660-20857-37	Water	1/29/2008	X				
MW-229	660-20857-38	Water	1/29/2008	X				
MW-245	660-20857-39	Water	1/29/2008	X				
MW-88	660-20857-4	Water	1/29/2008	X				
MW-247	660-20857-40	Water	1/29/2008	X				
MW-246	660-20857-41	Water	1/29/2008	X				
MW-242	660-20857-42	Water	1/29/2008	X				
MW-230	660-20857-43	Water	1/29/2008	X				

Sample ID	Lab ID	Matrix	Sample Date	Analysis				
				VOC	SVOC	PCB	MET	MISC
MW-108	660-20857-44	Water	1/29/2008	X				
EB-19	660-20857-45	Water	1/29/2008	X				
EB-21	660-20857-46	Water	1/29/2008	X				
EB-20	660-20857-47	Water	1/29/2008	X				
EB-18	660-20857-48	Water	1/29/2008	X				
MW-101	660-20857-49	Water	1/29/2008	X				
MW-84B	660-20857-5	Water	1/29/2008	X				
MW-55	660-20857-50	Water	1/29/2008	X				
MW-150	660-20857-51	Water	1/29/2008	X				
MW-147	660-20857-52	Water	1/29/2008	X				
MW-148	660-20857-53	Water	1/29/2008	X				
TB-19	660-20857-54	Water	1/29/2008	X				
TB-18	660-20857-55	Water	1/29/2008	X				
TB-20	660-20857-56	Water	1/29/2008	X				
TB-21	660-20857-57	Water	1/29/2008	X				
MW-84A	660-20857-6	Water	1/29/2008	X				
MW-82	660-20857-7	Water	1/29/2008	X				
MW-74	660-20857-8	Water	1/29/2008	X				
DUP-19	660-20857-9	Water	1/29/2008	X				

Notes:

1. Sample location DUP-18 is the field duplicate of parent sample location MW-247.
2. Sample location DUP-19 is the field duplicate of parent sample location MW-55.
3. Sample location DUP-20 is the field duplicate of parent sample location MW-175.

VOLATILE ORGANIC COMPOUND (VOC) ANALYSES

Introduction

Analyses were performed according to (United Stated Environmental Protection Agency) USEPA SW-846 Method 8260B total ion monitoring (TIM) and 8260C selective ion monitoring (SIM) by isotope dilution. Data were reviewed in accordance with USEPA National Functional Guidelines of October 1999 and January 2005.

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with USEPA National Functional Guidelines:

U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

J The compound was positively identified; however, the associated numerical value is an estimated concentration only.

B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.

N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.

JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration only.

E The compound was quantitated above the calibration range.

D Concentration is based on a diluted sample analysis.

C Identification confirmed by gas chromatograph/mass spectrometer (GC/MS).

UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.

R The sample results are rejected.

Two facts should be noted by all data users. First, the "R" flag means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

Data Assessment

1. Holding Times

The specified holding times for the following methods are presented in the following table.

Method	Matrix	Holding Time	Preservation
SW-846 8260B/C	Water	14 days from collection to analysis	Cooled @ 4 °C; preserved to a pH of less than 2.
	Soil	48 hours from collection to extraction and 14 days from extraction to analysis	Cooled @ 4 °C.

All samples were analyzed within the specified holding times.

2. Blank Contamination

Quality assurance (QA) blanks (i.e., method, trip, and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure contamination of samples during shipment. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank (common laboratory contaminant compounds are calculated at ten times) is calculated for QA blanks containing concentrations greater than the method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

No compounds were detected in the associated blanks.

3. Mass Spectrometer Tuning

Mass spectrometer performance was acceptable.

System performance and column resolution were acceptable.

4. Calibration

Satisfactory instrument calibration is established to insure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument daily performance is satisfactory.

4.1 Initial Calibration

The method specifies percent relative standard deviation (%RSD) and relative response factor (RRF) limits for select compounds only. A technical review of the data applies limits to all compounds with no exceptions.

All target compounds analyzed by 8260B associated with the initial calibration standards must exhibit a %RSD less than the control limit (15%) or a correlation coefficient greater than 0.99. The compounds analyzed by method 8260B TIM must exhibit a RRF value greater than the control limit (0.05). The analysis of the target compound 1,4-Dioxane performed by method 8260C SIM by isotope dilution must exhibit a RRF value greater than the control limit (0.005).

4.2 Continuing Calibration

All target compounds analyzed by 8260B associated with the continuing calibration standard must exhibit a percent difference (%D) less then the control limit (20%) with the exception of 1,4-Dioxane must exhibit a %D less than the control limit of (50%). The compounds analyzed by method 8260B TIM must exhibit a RRF value greater than the control limit (0.05). The analysis of the target compound 1,4-Dioxane performed by method 8260C SIM by isotope dilution must exhibit a RRF value greater than the control limit (0.005).

All compounds associated with the calibrations were within the specified control limits, with the exception of the compounds presented in the following table.

Sample Locations	Initial/Continuing	Compound	Criteria
MW-24 MW-146 MW-56 MW-88 MW-84B MW-84A EB-19 EB-21 EB-18 TB-19 TB-18 TB-20 TB-21	CCV %D	2,2-Dichloropropane	-43.1%
		4-Methyl-2-pentanone	27.2%
		Benzene	-22.9%
		Bromomethane	-71.8%
		Carbon disulfide	-24.2%
		Chloromethane	35.1%
		Methylene chloride	-24.7%
		trans-1,2-Dichloroethene	-24.5%
DUP-20 MW-230 MW-108 MW-101 MW-55 MW-150 MW-147 MW-148	CCV %D	1,2,3-Trichlorobenzene	-28.0%
		2,2-Dichloropropane	50.5%
		Bromomethane	-66.3%
		Methylene chloride	-21.8%
		Naphthalene	-30.5%
		Tetrachloroethene	-26.7%
MW-13D MW-45 MW-115 MW-177 MW-243 MW-244 DUP-18 MW-231 MW-229 MW-245 MW-247 MW-246 MW-242 EB-20	CCV %D	1,2,3-Trichlorobenzene	-20.2%
		2,2-Dichloropropane	54.4%
		Naphthalene	-26.2%

The criteria used to evaluate the initial and continuing calibration are presented in the following table. In the case of a calibration deviation, the sample results are qualified.

Initial/Continuing	Criteria	Sample Result	Qualification
Initial and Continuing Calibration	RRF <0.05	Non-detect	R
		Detect	J
	RRF <0.01[1]	Non-detect	R
		Detect	J
	RRF >0.05 or RRF >0.01[1]	Non-detect	No Action
		Detect	
Initial Calibration	%RSD > 15% or a correlation coefficient <0.99	Non-detect	UJ
		Detect	J
Continuing Calibration	%D >20% (increase in sensitivity)	Non-detect	No Action
		Detect	J
	%D >20% (decrease in sensitivity)	Non-detect	UJ
		Detect	J
	%D >90%	Non-detect	R
		Detect	J

1. RRF of 0.01 only applies to compounds which are typically poor responding compounds (i.e. ketones, 1,4-Dioxane, etc.)

5. Surrogates/System Monitoring Compounds

All samples to be analyzed for organic compounds are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. VOC analysis requires that all surrogates associated with the analysis exhibit recoveries within the laboratory-established acceptance limits.

Sample locations associated with surrogates exhibiting recoveries outside of the control limits presented in the following table.

Sample Locations	Surrogate	Recovery
MW-143 MW-140 MW-142 MW-141	Toluene-d8	> UL
	4-Bromofluorobenzene	AC
	Dibromofluoromethane	AC

Upper control limit (UL)
Lower control limit (LL)
Diluted (D)
Acceptable (AC)

The criteria used to evaluate the surrogate recoveries are presented in the following table. In the case of a surrogate deviation, the sample results associated with the deviant fraction are qualified as documented in the table below.

Control Limit	Sample Result	Qualification
> UL	Non-detect	No Action
	Detect	J
< LL but > 10%	Non-detect	J
	Detect	J

Control Limit	Sample Result	Qualification
< 10%	Non-detect	R
	Detect	J
Surrogates diluted below the calibration curve due to the high concentration of a target compounds	Non-detect	No Action
	Detect	

6. Internal Standard Performance

Internal standard performance criteria insure that the GC/MS sensitivity and response are stable during every sample analysis. The criteria requires the internal standard compounds associated with the VOC exhibit area counts that are not greater than two times (+100%) or less than one-half (-50%) of the area counts of the associated continuing calibration standard.

All internal standard areas and retention times were within established limits.

7. Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analysis

MS/MSD data are used to assess the precision and accuracy of the analytical method. The compounds used to perform the MS/MSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits. The relative percent difference (RPD) between the MS/MSD recoveries must exhibit an RPD within the laboratory-established acceptance limits.

> Note: The MS/MSD recovery control limits do not apply for MS/MSD performed on sample locations were the compound concentration detected in the parent sample exceeds the MS/MSD concentration by a factor of four or greater.

A MS/MSD was not performed on a sample location within this SDG.

8. Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) Analysis

The LCS/LCSD analysis is used to assess the precision and accuracy of the analytical method independent of matrix interferences. The compounds associated with the LCS/LCSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits.

All compounds associated with the LCS/LCSD analysis exhibited acceptable recoveries and RPD between the LCS/LCSD recoveries.

9. Field Duplicate Analysis

Field duplicate analysis is used to assess the precision and accuracy of the field sampling procedures and analytical method. A control limit of 50% for water matrices is applied to the RPD between the parent sample and the field duplicate.

Results for duplicate samples are summarized in the following table.

Sample ID/Duplicate ID	Compound	Sample Result	Duplicate Result	RPD
MW-247/DUP-18	All Compounds	ND	ND	AC

Sample ID/Duplicate ID	Compound	Sample Result	Duplicate Result	RPD
MW-55/DUP-19	1,1-Dichloroethane	1.9	1.6	AC
	1,4-Dioxane (SIM ID)	14	15	6.8%
MW-175/DUP-20	All Compounds	ND	ND	AC

NC = Not compliant.
ND = Not detected.
AC = The field duplicate RPD is acceptable when the RPD between parent sample and field duplicate sample is less than one times the RL and where the parent sample and/or duplicate concentration is less than five times the RL.

The calculated RPDs between the parent sample and field duplicate were acceptable.

10. Compound Identification

Compounds are identified on the GC/MS by using the analytes relative retention time and ion spectra.

All identified compounds met the specified criteria.

11. System Performance and Overall Assessment

Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

CORRECTED SAMPLE ANALYSIS DATA SHEETS

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-24

Lab Sample ID: 660-20857-1
Client Matrix: Water

Date Sampled: 01/29/2008 0916
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/08/2008 1942
Date Prepared: 02/08/2008 1942

Analysis Batch: 660-57398

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0825.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U J	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.4	U J	2.4	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.4	U	2.4	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.64	U	0.64	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.4	U	2.4	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.4	U	2.4	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.64	U	0.64	1.0
trans-1,2-Dichloroethene	0.44	U J	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U J	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U J	4.0	5.0
Naphthalene	2.4	U	2.4	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-24

Lab Sample ID: 660-20857-1
Client Matrix: Water

Date Sampled: 01/29/2008 0916
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/08/2008 1942
Date Prepared: 02/08/2008 1942

Analysis Batch: 660-57398

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0825.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.4	U	2.4	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.84	U J	0.84	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	104	77 - 122
4-Bromofluorobenzene	89	74 - 126
Dibromofluoromethane	77	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-146**

Lab Sample ID: 660-20857-2
Client Matrix: Water

Date Sampled: 01/29/2008 1149
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/08/2008 2005
Date Prepared: 02/08/2008 2005

Analysis Batch: 660-57398

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0826.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U J	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.4	U J	2.4	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.4	U	2.4	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.64	U	0.64	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.4	U	2.4	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.4	U	2.4	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.64	U	0.64	1.0
trans-1,2-Dichloroethene	0.44	U J	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U J	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U J	4.0	5.0
Naphthalene	2.4	U	2.4	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-146**

Lab Sample ID: 660-20857-2
Client Matrix: Water

Date Sampled: 01/29/2008 1149
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/08/2008 2005
Date Prepared: 02/08/2008 2005

Analysis Batch: 660-57398

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0826.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.4	U	2.4	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.84	U	0.84	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	99	77 - 122
4-Bromofluorobenzene	88	74 - 126
Dibromofluoromethane	71	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-56**

Lab Sample ID: 660-20857-3
Client Matrix: Water

Date Sampled: 01/29/2008 1557
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/08/2008 2029
Date Prepared: 02/08/2008 2029

Analysis Batch: 660-57398

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0827.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U J	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.4	U J	2.4	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.4	U	2.4	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.64	U	0.64	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.4	U	2.4	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.4	U	2.4	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.64	U	0.64	1.0
trans-1,2-Dichloroethene	0.44	U J	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U J	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U J	4.0	5.0
Naphthalene	2.4	U	2.4	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-56

Lab Sample ID: 660-20857-3
Client Matrix: Water

Date Sampled: 01/29/2008 1557
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/08/2008 2029
Date Prepared: 02/08/2008 2029

Analysis Batch: 660-57398

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0827.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.4	U	2.4	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	25		9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.84	U	0.84	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	101	77 - 122
4-Bromofluorobenzene	88	74 - 126
Dibromofluoromethane	74	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-88**

Lab Sample ID: 660-20857-4
Client Matrix: Water

Date Sampled: 01/29/2008 1519
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/08/2008 2052
Date Prepared: 02/08/2008 2052

Analysis Batch: 660-57398

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0828.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U J	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.4	U J	2.4	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.4	U	2.4	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.64	U	0.64	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.4	U	2.4	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.4	U	2.4	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.64	U	0.64	1.0
trans-1,2-Dichloroethene	0.44	U J	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U J	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U J	4.0	5.0
Naphthalene	2.4	U	2.4	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-88**

Lab Sample ID: 660-20857-4
Client Matrix: Water

Date Sampled: 01/29/2008 1519
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/08/2008 2052
Date Prepared: 02/08/2008 2052

Analysis Batch: 660-57398

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0828.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.4	U	2.4	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	180		9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.84	U	0.84	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	100	77 - 122
4-Bromofluorobenzene	88	74 - 126
Dibromofluoromethane	76	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-84B**

Lab Sample ID: 660-20857-5
Client Matrix: Water

Date Sampled: 01/29/2008 0952
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/08/2008 2117
Date Prepared: 02/08/2008 2117

Analysis Batch: 660-57398

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0829.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U J	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.4	U J	2.4	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.4	U	2.4	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.64	U	0.64	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.4	U	2.4	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.4	U	2.4	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.64	U	0.64	1.0
trans-1,2-Dichloroethene	0.44	U J	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U J	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U J	4.0	5.0
Naphthalene	2.4	U	2.4	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-84B

Lab Sample ID: 660-20857-5
Client Matrix: Water

Date Sampled: 01/29/2008 0952
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/08/2008 2117
Date Prepared: 02/08/2008 2117

Analysis Batch: 660-57398

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0829.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.4	U	2.4	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.84	U	0.84	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	94	77 - 122
4-Bromofluorobenzene	84	74 - 126
Dibromofluoromethane	72	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-84A**

Lab Sample ID: 660-20857-6
Client Matrix: Water

Date Sampled: 01/29/2008 0957
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/08/2008 2141
Date Prepared: 02/08/2008 2141

Analysis Batch: 660-57398

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0830.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U J	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.4	U J	2.4	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.4	U	2.4	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.64	U	0.64	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.4	U	2.4	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.4	U	2.4	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.64	U	0.64	1.0
trans-1,2-Dichloroethene	0.44	U J	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U J	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U J	4.0	5.0
Naphthalene	2.4	U	2.4	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-84A**

Lab Sample ID: 660-20857-6
Client Matrix: Water

Date Sampled: 01/29/2008 0957
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/08/2008 2141
Date Prepared: 02/08/2008 2141

Analysis Batch: 660-57398

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0830.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.4	U	2.4	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.84	U	0.84	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	95	77 - 122
4-Bromofluorobenzene	84	74 - 126
Dibromofluoromethane	71	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-82**

Lab Sample ID: 660-20857-7
Client Matrix: Water

Date Sampled: 01/29/2008 1450
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 10
Date Analyzed: 02/09/2008 2013
Date Prepared: 02/09/2008 2013

Analysis Batch: 660-57501

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0925.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	5.0	U	5.0	10
Bromobenzene	5.8	U	5.8	10
Chlorobromomethane	5.8	U	5.8	10
Dichlorobromomethane	3.5	U	3.5	10
Bromoform	5.8	U	5.8	10
Bromomethane	24	U	24	50
n-Butylbenzene	6.7	U	6.7	10
sec-Butylbenzene	6.3	U	6.3	10
tert-Butylbenzene	8.4	U	8.4	10
Carbon tetrachloride	4.2	U	4.2	10
Chlorobenzene	6.3	U	6.3	10
Chloroethane	24	U	24	50
Chloroform	9.0	U	9.0	10
Chloromethane	10	U	10	40
2-Chlorotoluene	6.4	U	6.4	10
4-Chlorotoluene	5.2	U	5.2	10
Chlorodibromomethane	3.4	U	3.4	10
1,2-Dibromo-3-Chloropropane	24	U	24	50
Ethylene Dibromide	5.0	U	5.0	10
Dibromomethane	4.1	U	4.1	10
1,2-Dichlorobenzene	4.4	U	4.4	10
1,3-Dichlorobenzene	6.4	U	6.4	10
1,4-Dichlorobenzene	5.2	U	5.2	10
Dichlorodifluoromethane	24	U	24	50
1,1-Dichloroethane	73		5.2	10
1,2-Dichloroethane	5.7	U	5.7	10
1,1-Dichloroethene	17		4.4	10
cis-1,2-Dichloroethene	6.4	U	6.4	10
trans-1,2-Dichloroethene	4.4	U	4.4	10
1,2-Dichloropropane	5.2	U	5.2	10
1,3-Dichloropropane	3.9	U	3.9	10
2,2-Dichloropropane	3.6	U	3.6	10
1,1-Dichloropropene	3.1	U	3.1	10
cis-1,3-Dichloropropene	1.4	U	1.4	10
trans-1,3-Dichloropropene	1.4	U	1.4	10
Ethylbenzene	4.4	U	4.4	10
Hexachlorobutadiene	4.0	U	4.0	10
Isopropylbenzene	1.9	U	1.9	10
4-Isopropyltoluene	6.9	U	6.9	10
Methylene Chloride	40	U	40	50
Naphthalene	24	U	24	50
N-Propylbenzene	5.9	U	5.9	10
Styrene	9.8	U	9.8	20
1,1,1,2-Tetrachloroethane	6.3	U	6.3	10

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-82

Lab Sample ID: 660-20857-7
Client Matrix: Water

Date Sampled: 01/29/2008 1450
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 10
Date Analyzed: 02/09/2008 2013
Date Prepared: 02/09/2008 2013

Analysis Batch: 660-57501

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0925.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	1.5	U	1.5	10
Tetrachloroethene	5.0	U	5.0	10
Toluene	5.1	U	5.1	10
1,2,3-Trichlorobenzene	7.7	U	7.7	10
1,2,4-Trichlorobenzene	5.8	U	5.8	10
1,1,1-Trichloroethane	4.6	U	4.6	10
1,1,2-Trichloroethane	4.7	U	4.7	10
Trichloroethene	5.0	U	5.0	10
Trichlorofluoromethane	24	U	24	50
1,2,3-Trichloropropane	1.8	U	1.8	10
1,2,4-Trimethylbenzene	8.6	U	8.6	10
1,3,5-Trimethylbenzene	5.4	U	5.4	10
Vinyl chloride	5.0	U	5.0	10
o-Xylene	5.0	U	5.0	10
Acetone	99	U	99	200
2-Butanone (MEK)	84	U	84	100
4-Methyl-2-pentanone (MIBK)	38	U	38	100
Carbon disulfide	8.4	U	8.4	10
2-Hexanone	44	U	44	100
Methyl tert-butyl ether	4.4	U	4.4	10
m-Xylene & p-Xylene	6.0	U	6.0	20

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	98	77 - 122
4-Bromofluorobenzene	88	74 - 126
Dibromofluoromethane	90	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-74**

Lab Sample ID: 660-20857-8
Client Matrix: Water

Date Sampled: 01/29/2008 1622
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 5.0
Date Analyzed: 02/09/2008 2037
Date Prepared: 02/09/2008 2037

Analysis Batch: 660-57501

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0926.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	2.4	U	2.4	5.0
Bromobenzene	2.9	U	2.9	5.0
Chlorobromomethane	2.9	U	2.9	5.0
Dichlorobromomethane	1.8	U	1.8	5.0
Bromoform	2.9	U	2.9	5.0
Bromomethane	13	U	13	24
n-Butylbenzene	3.4	U	3.4	5.0
sec-Butylbenzene	3.2	U	3.2	5.0
tert-Butylbenzene	4.2	U	4.2	5.0
Carbon tetrachloride	2.1	U	2.1	5.0
Chlorobenzene	3.2	U	3.2	5.0
Chloroethane	13	U	13	24
Chloroform	4.4	U	4.4	5.0
Chloromethane	5.0	U	5.0	20
2-Chlorotoluene	3.3	U	3.3	5.0
4-Chlorotoluene	2.6	U	2.6	5.0
Chlorodibromomethane	1.7	U	1.7	5.0
1,2-Dibromo-3-Chloropropane	13	U	13	24
Ethylene Dibromide	2.4	U	2.4	5.0
Dibromomethane	2.1	U	2.1	5.0
1,2-Dichlorobenzene	2.2	U	2.2	5.0
1,3-Dichlorobenzene	3.2	U	3.2	5.0
1,4-Dichlorobenzene	2.6	U	2.6	5.0
Dichlorodifluoromethane	13	U	13	24
1,1-Dichloroethane	82		2.6	5.0
1,2-Dichloroethane	2.9	U	2.9	5.0
1,1-Dichloroethene	37		2.3	5.0
cis-1,2-Dichloroethene	3.3	U	3.3	5.0
trans-1,2-Dichloroethene	2.2	U	2.2	5.0
1,2-Dichloropropane	2.6	U	2.6	5.0
1,3-Dichloropropane	2.0	U	2.0	5.0
2,2-Dichloropropane	1.8	U	1.8	5.0
1,1-Dichloropropene	1.6	U	1.6	5.0
cis-1,3-Dichloropropene	0.70	U	0.70	5.0
trans-1,3-Dichloropropene	0.70	U	0.70	5.0
Ethylbenzene	2.2	U	2.2	5.0
Hexachlorobutadiene	2.0	U	2.0	5.0
Isopropylbenzene	0.95	U	0.95	5.0
4-Isopropyltoluene	3.5	U	3.5	5.0
Methylene Chloride	20	U	20	24
Naphthalene	13	U	13	24
N-Propylbenzene	3.0	U	3.0	5.0
Styrene	4.9	U	4.9	10
1,1,1,2-Tetrachloroethane	3.2	U	3.2	5.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-74

Lab Sample ID: 660-20857-8
Client Matrix: Water

Date Sampled: 01/29/2008 1622
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 5.0
Date Analyzed: 02/09/2008 2037
Date Prepared: 02/09/2008 2037

Analysis Batch: 660-57501

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0926.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.75	U	0.75	5.0
Tetrachloroethene	2.4	U	2.4	5.0
Toluene	2.5	U	2.5	5.0
1,2,3-Trichlorobenzene	3.9	U	3.9	5.0
1,2,4-Trichlorobenzene	2.9	U	2.9	5.0
1,1,1-Trichloroethane	2.3	U	2.3	5.0
1,1,2-Trichloroethane	2.4	U	2.4	5.0
Trichloroethene	2.4	U	2.4	5.0
Trichlorofluoromethane	13	U	13	24
1,2,3-Trichloropropane	0.90	U	0.90	5.0
1,2,4-Trimethylbenzene	4.3	U	4.3	5.0
1,3,5-Trimethylbenzene	2.7	U	2.7	5.0
Vinyl chloride	2.4	U	2.4	5.0
o-Xylene	2.4	U	2.4	5.0
Acetone	50	U	50	100
2-Butanone (MEK)	42	U	42	50
4-Methyl-2-pentanone (MIBK)	19	U	19	50
Carbon disulfide	4.3	U	4.3	5.0
2-Hexanone	22	U	22	50
Methyl tert-butyl ether	2.2	U	2.2	5.0
m-Xylene & p-Xylene	3.0	U	3.0	10

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	97	77 - 122
4-Bromofluorobenzene	90	74 - 126
Dibromofluoromethane	85	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **DUP-19**

Lab Sample ID: 660-20857-9
Client Matrix: Water

Date Sampled: 01/29/2008 0000
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/09/2008 2100
Date Prepared: 02/09/2008 2100

Analysis Batch: 660-57501

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0927.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.4	U	2.4	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.4	U	2.4	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.64	U	0.64	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.4	U	2.4	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.4	U	2.4	5.0
1,1-Dichloroethane	1.6		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.64	U	0.64	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.4	U	2.4	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: DUP-19

Lab Sample ID: 660-20857-9
Client Matrix: Water

Date Sampled: 01/29/2008 0000
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/09/2008 2100
Date Prepared: 02/09/2008 2100

Analysis Batch: 660-57501

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0927.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.4	U	2.4	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.84	U	0.84	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	117	77 - 122
4-Bromofluorobenzene	109	74 - 126
Dibromofluoromethane	107	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: DUP-20

Lab Sample ID: 660-20857-10
Client Matrix: Water

Date Sampled: 01/29/2008 0000
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 0117
Date Prepared: 02/12/2008 0117

Analysis Batch: 660-57495

Instrument ID: BVMH GC/MS
Lab File ID: 2HB1142.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.4	U J	2.4	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.4	U	2.4	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.64	U	0.64	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.4	U	2.4	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.4	U	2.4	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.64	U	0.64	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U J	4.0	5.0
Naphthalene	2.4	U J	2.4	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: DUP-20

Lab Sample ID: 660-20857-10
Client Matrix: Water

Date Sampled: 01/29/2008 0000
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 0117
Date Prepared: 02/12/2008 0117

Analysis Batch: 660-57495

Instrument ID: BVMH GC/MS
Lab File ID: 2HB1142.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U J	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U J	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.4	U	2.4	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.84	U	0.84	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	108	77 - 122
4-Bromofluorobenzene	97	74 - 126
Dibromofluoromethane	91	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-16S

Lab Sample ID: 660-20857-11
Client Matrix: Water

Date Sampled: 01/29/2008 1605
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/09/2008 2147
Date Prepared: 02/09/2008 2147

Analysis Batch: 660-57501

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0929.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.4	U	2.4	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.4	U	2.4	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.64	U	0.64	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.4	U	2.4	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.4	U	2.4	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.64	U	0.64	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.4	U	2.4	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-16S

Lab Sample ID: 660-20857-11
Client Matrix: Water

Date Sampled: 01/29/2008 1605
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/09/2008 2147
Date Prepared: 02/09/2008 2147

Analysis Batch: 660-57501

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0929.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.4	U	2.4	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.84	U	0.84	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	116	77 - 122
4-Bromofluorobenzene	109	74 - 126
Dibromofluoromethane	105	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-145

Lab Sample ID: 660-20857-12
Client Matrix: Water

Date Sampled: 01/29/2008 1130
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/09/2008 2210
Date Prepared: 02/09/2008 2210

Analysis Batch: 660-57501

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0930.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.4	U	2.4	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.4	U	2.4	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.64	U	0.64	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.4	U	2.4	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.4	U	2.4	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.64	U	0.64	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.4	U	2.4	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-145

Lab Sample ID: 660-20857-12
Client Matrix: Water

Date Sampled: 01/29/2008 1130
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/09/2008 2210
Date Prepared: 02/09/2008 2210

Analysis Batch: 660-57501

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0930.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.4	U	2.4	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.84	U	0.84	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	119	77 - 122
4-Bromofluorobenzene	105	74 - 126
Dibromofluoromethane	107	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-143**

Lab Sample ID: 660-20857-13
Client Matrix: Water

Date Sampled: 01/29/2008 1315
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/09/2008 2234
Date Prepared: 02/09/2008 2234

Analysis Batch: 660-57501

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0931.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.4	U	2.4	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.4	U	2.4	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.64	U	0.64	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.4	U	2.4	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.4	U	2.4	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.64	U	0.64	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.4	U	2.4	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-143

Lab Sample ID: 660-20857-13
Client Matrix: Water

Date Sampled: 01/29/2008 1315
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/09/2008 2234
Date Prepared: 02/09/2008 2234

Analysis Batch: 660-57501

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0931.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.4	U	2.4	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.84	U	0.84	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec		Acceptance Limits
Toluene-d8 (Surr)	127	J1	77 - 122
4-Bromofluorobenzene	110		74 - 126
Dibromofluoromethane	105		70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-140**

Lab Sample ID: 660-20857-14
Client Matrix: Water

Date Sampled: 01/29/2008 1010
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/09/2008 2257
Date Prepared: 02/09/2008 2257

Analysis Batch: 660-57501

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0932.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.4	U	2.4	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.4	U	2.4	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.64	U	0.64	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.4	U	2.4	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.4	U	2.4	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.64	U	0.64	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.4	U	2.4	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-140

Lab Sample ID: 660-20857-14
Client Matrix: Water

Date Sampled: 01/29/2008 1010
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/09/2008 2257
Date Prepared: 02/09/2008 2257

Analysis Batch: 660-57501

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0932.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.4	U	2.4	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.84	U	0.84	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec		Acceptance Limits
Toluene-d8 (Surr)	125	J1	77 - 122
4-Bromofluorobenzene	110		74 - 126
Dibromofluoromethane	104		70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-136**

Lab Sample ID: 660-20857-15
Client Matrix: Water

Date Sampled: 01/29/2008 0850
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/09/2008 2321
Date Prepared: 02/09/2008 2321

Analysis Batch: 660-57501

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0933.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.4	U	2.4	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.4	U	2.4	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.64	U	0.64	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.4	U	2.4	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.4	U	2.4	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.64	U	0.64	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.4	U	2.4	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-136

Lab Sample ID: 660-20857-15
Client Matrix: Water

Date Sampled: 01/29/2008 0850
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/09/2008 2321
Date Prepared: 02/09/2008 2321

Analysis Batch: 660-57501

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0933.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.4	U	2.4	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.84	U	0.84	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	115	77 - 122
4-Bromofluorobenzene	108	74 - 126
Dibromofluoromethane	107	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-207**

Lab Sample ID: 660-20857-16
Client Matrix: Water

Date Sampled: 01/29/2008 1415
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/09/2008 2344
Date Prepared: 02/09/2008 2344

Analysis Batch: 660-57501

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0934.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.4	U	2.4	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.4	U	2.4	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.64	U	0.64	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.4	U	2.4	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.4	U	2.4	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.64	U	0.64	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.4	U	2.4	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-207**

Lab Sample ID: 660-20857-16
Client Matrix: Water

Date Sampled: 01/29/2008 1415
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/09/2008 2344
Date Prepared: 02/09/2008 2344

Analysis Batch: 660-57501

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0934.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.4	U	2.4	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	14	I	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	4.8		0.84	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	120	77 - 122
4-Bromofluorobenzene	105	74 - 126
Dibromofluoromethane	104	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-16D**

Lab Sample ID: 660-20857-17
Client Matrix: Water

Date Sampled: 01/29/2008 1535
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/10/2008 0007
Date Prepared: 02/10/2008 0007

Analysis Batch: 660-57501

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0935.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.4	U	2.4	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.4	U	2.4	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.64	U	0.64	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.4	U	2.4	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.4	U	2.4	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.64	U	0.64	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.4	U	2.4	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-16D**

Lab Sample ID: 660-20857-17
Client Matrix: Water

Date Sampled: 01/29/2008 1535
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/10/2008 0007
Date Prepared: 02/10/2008 0007

Analysis Batch: 660-57501

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0935.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.4	U	2.4	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.84	U	0.84	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	122	77 - 122
4-Bromofluorobenzene	109	74 - 126
Dibromofluoromethane	101	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-206**

Lab Sample ID: 660-20857-18
Client Matrix: Water

Date Sampled: 01/29/2008 1405
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/10/2008 1945
Date Prepared: 02/10/2008 1945

Analysis Batch: 660-57531

Instrument ID: BVMH GC/MS
Lab File ID: 2HB1019.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.4	U	2.4	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.4	U	2.4	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.64	U	0.64	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.4	U	2.4	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.4	U	2.4	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.64	U	0.64	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.4	U	2.4	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-206

Lab Sample ID: 660-20857-18
Client Matrix: Water

Date Sampled: 01/29/2008 1405
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/10/2008 1945
Date Prepared: 02/10/2008 1945

Analysis Batch: 660-57531

Instrument ID: BVMH GC/MS
Lab File ID: 2HB1019.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.4	U	2.4	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	1.7		0.84	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	117	77 - 122
4-Bromofluorobenzene	105	74 - 126
Dibromofluoromethane	106	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-142

Lab Sample ID: 660-20857-19
Client Matrix: Water

Date Sampled: 01/29/2008 1315
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/10/2008 2009
Date Prepared: 02/10/2008 2009

Analysis Batch: 660-57531

Instrument ID: BVMH GC/MS
Lab File ID: 2HB1020.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.4	U	2.4	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.4	U	2.4	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.64	U	0.64	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.4	U	2.4	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.4	U	2.4	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.64	U	0.64	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.4	U	2.4	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-142

Lab Sample ID: 660-20857-19
Client Matrix: Water

Date Sampled: 01/29/2008 1315
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/10/2008 2009
Date Prepared: 02/10/2008 2009

Analysis Batch: 660-57531

Instrument ID: BVMH GC/MS
Lab File ID: 2HB1020.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.4	U	2.4	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.84	U	0.84	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec		Acceptance Limits
Toluene-d8 (Surr)	130	J1	77 - 122
4-Bromofluorobenzene	112		74 - 126
Dibromofluoromethane	118		70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-141

Lab Sample ID: 660-20857-20
Client Matrix: Water

Date Sampled: 01/29/2008 1250
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/10/2008 2032
Date Prepared: 02/10/2008 2032

Analysis Batch: 660-57531

Instrument ID: BVMH GC/MS
Lab File ID: 2HB1021.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.4	U	2.4	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.4	U	2.4	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.64	U	0.64	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.4	U	2.4	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.4	U	2.4	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.64	U	0.64	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.4	U	2.4	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-141**

Lab Sample ID: 660-20857-20
Client Matrix: Water

Date Sampled: 01/29/2008 1250
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/10/2008 2032
Date Prepared: 02/10/2008 2032

Analysis Batch: 660-57531

Instrument ID: BVMH GC/MS
Lab File ID: 2HB1021.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.4	U	2.4	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.84	U	0.84	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec		Acceptance Limits
Toluene-d8 (Surr)	130	J1	77 - 122
4-Bromofluorobenzene	113		74 - 126
Dibromofluoromethane	121		70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-144

Lab Sample ID: 660-20857-21
Client Matrix: Water

Date Sampled: 01/29/2008 1220
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/10/2008 2055
Date Prepared: 02/10/2008 2055

Analysis Batch: 660-57531

Instrument ID: BVMH GC/MS
Lab File ID: 2HB1022.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.4	U	2.4	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.4	U	2.4	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.64	U	0.64	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.4	U	2.4	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.4	U	2.4	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.64	U	0.64	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.4	U	2.4	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-144

Lab Sample ID: 660-20857-21
Client Matrix: Water

Date Sampled: 01/29/2008 1220
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/10/2008 2055
Date Prepared: 02/10/2008 2055

Analysis Batch: 660-57531

Instrument ID: BVMH GC/MS
Lab File ID: 2HB1022.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.4	U	2.4	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.84	U	0.84	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	112	77 - 122
4-Bromofluorobenzene	97	74 - 126
Dibromofluoromethane	97	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-96

Lab Sample ID: 660-20857-22
Client Matrix: Water

Date Sampled: 01/29/2008 1115
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/10/2008 2119
Date Prepared: 02/10/2008 2119

Analysis Batch: 660-57531

Instrument ID: BVMH GC/MS
Lab File ID: 2HB1023.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.4	U	2.4	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.4	U	2.4	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.64	U	0.64	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.4	U	2.4	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.4	U	2.4	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.64	U	0.64	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.4	U	2.4	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-96

Lab Sample ID: 660-20857-22
Client Matrix: Water

Date Sampled: 01/29/2008 1115
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/10/2008 2119
Date Prepared: 02/10/2008 2119

Analysis Batch: 660-57531

Instrument ID: BVMH GC/MS
Lab File ID: 2HB1023.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.4	U	2.4	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.84	U	0.84	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	102	77 - 122
4-Bromofluorobenzene	95	74 - 126
Dibromofluoromethane	99	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-139**

Lab Sample ID: 660-20857-23
Client Matrix: Water

Date Sampled: 01/29/2008 1005
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/10/2008 2142
Date Prepared: 02/10/2008 2142

Analysis Batch: 660-57531

Instrument ID: BVMH GC/MS
Lab File ID: 2HB1024.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.4	U	2.4	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.4	U	2.4	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.64	U	0.64	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.4	U	2.4	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.4	U	2.4	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.64	U	0.64	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.4	U	2.4	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-139

Lab Sample ID: 660-20857-23
Client Matrix: Water

Date Sampled: 01/29/2008 1005
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/10/2008 2142
Date Prepared: 02/10/2008 2142

Analysis Batch: 660-57531

Instrument ID: BVMH GC/MS
Lab File ID: 2HB1024.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.4	U	2.4	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.84	U	0.84	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	107	77 - 122
4-Bromofluorobenzene	94	74 - 126
Dibromofluoromethane	91	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-137**

Lab Sample ID: 660-20857-24
Client Matrix: Water

Date Sampled: 01/29/2008 0915
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/10/2008 2206
Date Prepared: 02/10/2008 2206

Analysis Batch: 660-57531

Instrument ID: BVMH GC/MS
Lab File ID: 2HB1025.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.4	U	2.4	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.4	U	2.4	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.64	U	0.64	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.4	U	2.4	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.4	U	2.4	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.64	U	0.64	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.4	U	2.4	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-137**

Lab Sample ID: 660-20857-24
Client Matrix: Water

Date Sampled: 01/29/2008 0915
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/10/2008 2206
Date Prepared: 02/10/2008 2206

Analysis Batch: 660-57531

Instrument ID: BVMH GC/MS
Lab File ID: 2HB1025.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.4	U	2.4	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.84	U	0.84	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	111	77 - 122
4-Bromofluorobenzene	95	74 - 126
Dibromofluoromethane	102	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-138

Lab Sample ID: 660-20857-25
Client Matrix: Water

Date Sampled: 01/29/2008 0845
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/10/2008 2229
Date Prepared: 02/10/2008 2229

Analysis Batch: 660-57531

Instrument ID: BVMH GC/MS
Lab File ID: 2HB1026.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.4	U	2.4	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.4	U	2.4	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.1	I	1.0	4.0
2-Chlorotoluene	0.64	U	0.64	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.4	U	2.4	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.4	U	2.4	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.64	U	0.64	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.4	U	2.4	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-138**

Lab Sample ID: 660-20857-25
Client Matrix: Water

Date Sampled: 01/29/2008 0845
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/10/2008 2229
Date Prepared: 02/10/2008 2229

Analysis Batch: 660-57531

Instrument ID: BVMH GC/MS
Lab File ID: 2HB1026.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.4	U	2.4	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.84	U	0.84	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	107	77 - 122
4-Bromofluorobenzene	96	74 - 126
Dibromofluoromethane	99	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-176**

Lab Sample ID: 660-20857-26
Client Matrix: Water

Date Sampled: 01/29/2008 0920
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/10/2008 2252
Date Prepared: 02/10/2008 2252

Analysis Batch: 660-57531

Instrument ID: BVMH GC/MS
Lab File ID: 2HB1027.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.4	U	2.4	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.4	U	2.4	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.64	U	0.64	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.4	U	2.4	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.4	U	2.4	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.64	U	0.64	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.4	U	2.4	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-176**

Lab Sample ID: 660-20857-26
Client Matrix: Water

Date Sampled: 01/29/2008 0920
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/10/2008 2252
Date Prepared: 02/10/2008 2252

Analysis Batch: 660-57531

Instrument ID: BVMH GC/MS
Lab File ID: 2HB1027.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.4	U	2.4	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.84	U	0.84	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	106	77 - 122
4-Bromofluorobenzene	95	74 - 126
Dibromofluoromethane	95	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-175**

Lab Sample ID: 660-20857-27
Client Matrix: Water

Date Sampled: 01/29/2008 1130
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/10/2008 2316
Date Prepared: 02/10/2008 2316

Analysis Batch: 660-57531

Instrument ID: BVMH GC/MS
Lab File ID: 2HB1028.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.4	U	2.4	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.4	U	2.4	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.64	U	0.64	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.4	U	2.4	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.4	U	2.4	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.64	U	0.64	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.4	U	2.4	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-175

Lab Sample ID: 660-20857-27
Client Matrix: Water

Date Sampled: 01/29/2008 1130
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/10/2008 2316
Date Prepared: 02/10/2008 2316

Analysis Batch: 660-57531

Instrument ID: BVMH GC/MS
Lab File ID: 2HB1028.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.4	U	2.4	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.84	U	0.84	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	114	77 - 122
4-Bromofluorobenzene	98	74 - 126
Dibromofluoromethane	102	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-125**

Lab Sample ID: 660-20857-28
Client Matrix: Water

Date Sampled: 01/29/2008 1114
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/10/2008 2339
Date Prepared: 02/10/2008 2339

Analysis Batch: 660-57531

Instrument ID: BVMH GC/MS
Lab File ID: 2HB1029.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.4	U	2.4	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.4	U	2.4	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.64	U	0.64	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.4	U	2.4	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.4	U	2.4	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.64	U	0.64	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.4	U	2.4	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-125

Lab Sample ID: 660-20857-28
Client Matrix: Water

Date Sampled: 01/29/2008 1114
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/10/2008 2339
Date Prepared: 02/10/2008 2339

Analysis Batch: 660-57531

Instrument ID: BVMH GC/MS
Lab File ID: 2HB1029.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.4	U	2.4	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.84	U	0.84	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	107	77 - 122
4-Bromofluorobenzene	95	74 - 126
Dibromofluoromethane	92	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-13S**

Lab Sample ID: 660-20857-29
Client Matrix: Water

Date Sampled: 01/29/2008 1305
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/11/2008 0002
Date Prepared: 02/11/2008 0002

Analysis Batch: 660-57531

Instrument ID: BVMH GC/MS
Lab File ID: 2HB1030.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.4	U	2.4	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.4	U	2.4	5.0
Chloroform	9.2		0.90	1.0
Chloromethane	1.1	I	1.0	4.0
2-Chlorotoluene	0.64	U	0.64	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.4	U	2.4	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.4	U	2.4	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.64	U	0.64	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.4	U	2.4	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-13S**

Lab Sample ID: 660-20857-29
Client Matrix: Water

Date Sampled: 01/29/2008 1305
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/11/2008 0002
Date Prepared: 02/11/2008 0002

Analysis Batch: 660-57531

Instrument ID: BVMH GC/MS
Lab File ID: 2HB1030.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.4	U	2.4	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.84	U	0.84	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	117	77 - 122
4-Bromofluorobenzene	100	74 - 126
Dibromofluoromethane	100	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-13D**

Lab Sample ID: 660-20857-30
Client Matrix: Water

Date Sampled: 01/29/2008 1244
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/11/2008 1342
Date Prepared: 02/11/2008 1342

Analysis Batch: 660-57504

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1113.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.4	U	2.4	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.4	U	2.4	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.64	U	0.64	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.4	U	2.4	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.4	U	2.4	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.64	U	0.64	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.4	U J	2.4	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-13D

Lab Sample ID: 660-20857-30
Client Matrix: Water

Date Sampled: 01/29/2008 1244
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/11/2008 1342
Date Prepared: 02/11/2008 1342

Analysis Batch: 660-57504

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1113.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U J	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.4	U	2.4	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.84	U	0.84	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	107	77 - 122
4-Bromofluorobenzene	98	74 - 126
Dibromofluoromethane	100	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-45**

Lab Sample ID: 660-20857-31
Client Matrix: Water

Date Sampled: 01/29/2008 1353
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/11/2008 1406
Date Prepared: 02/11/2008 1406

Analysis Batch: 660-57504

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1114.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.4	U	2.4	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.4	U	2.4	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.64	U	0.64	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.4	U	2.4	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.4	U	2.4	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.64	U	0.64	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.4	U	2.4	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-45

Lab Sample ID: 660-20857-31
Client Matrix: Water

Date Sampled: 01/29/2008 1353
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/11/2008 1406
Date Prepared: 02/11/2008 1406

Analysis Batch: 660-57504

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1114.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.4	U	2.4	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.84	U	0.84	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	111	77 - 122
4-Bromofluorobenzene	94	74 - 126
Dibromofluoromethane	95	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-115**

Lab Sample ID: 660-20857-32
Client Matrix: Water

Date Sampled: 01/29/2008 1005
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/11/2008 1429
Date Prepared: 02/11/2008 1429

Analysis Batch: 660-57504

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1115.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.4	U	2.4	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.4	U	2.4	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.64	U	0.64	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.4	U	2.4	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.4	U	2.4	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.64	U	0.64	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.4	U	2.4	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-115

Lab Sample ID: 660-20857-32
Client Matrix: Water

Date Sampled: 01/29/2008 1005
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/11/2008 1429
Date Prepared: 02/11/2008 1429

Analysis Batch: 660-57504

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1115.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.4	U	2.4	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.84	U	0.84	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	112	77 - 122
4-Bromofluorobenzene	93	74 - 126
Dibromofluoromethane	91	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-177**

Lab Sample ID: 660-20857-33
Client Matrix: Water

Date Sampled: 01/29/2008 0928
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/11/2008 1453
Date Prepared: 02/11/2008 1453

Analysis Batch: 660-57504

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1116.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.4	U	2.4	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.4	U	2.4	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.64	U	0.64	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.4	U	2.4	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.4	U	2.4	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.64	U	0.64	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.4	U	2.4	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-177

Lab Sample ID: 660-20857-33
Client Matrix: Water

Date Sampled: 01/29/2008 0928
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/11/2008 1453
Date Prepared: 02/11/2008 1453

Analysis Batch: 660-57504

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1116.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.4	U	2.4	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.84	U	0.84	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	112	77 - 122
4-Bromofluorobenzene	96	74 - 126
Dibromofluoromethane	98	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-243**

Lab Sample ID: 660-20857-34
Client Matrix: Water

Date Sampled: 01/29/2008 1422
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/11/2008 1516
Date Prepared: 02/11/2008 1516

Analysis Batch: 660-57504

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1117.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.4	U	2.4	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.4	U	2.4	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.64	U	0.64	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.4	U	2.4	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.4	U	2.4	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.64	U	0.64	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.4	U	2.4	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-243

Lab Sample ID: 660-20857-34
Client Matrix: Water

Date Sampled: 01/29/2008 1422
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/11/2008 1516
Date Prepared: 02/11/2008 1516

Analysis Batch: 660-57504

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1117.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.4	U	2.4	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.84	U	0.84	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	113	77 - 122
4-Bromofluorobenzene	99	74 - 126
Dibromofluoromethane	95	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-244

Lab Sample ID: 660-20857-35
Client Matrix: Water

Date Sampled: 01/29/2008 1449
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/11/2008 1539
Date Prepared: 02/11/2008 1539

Analysis Batch: 660-57504

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1118.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.4	U	2.4	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.4	U	2.4	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.64	U	0.64	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.4	U	2.4	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.4	U	2.4	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.64	U	0.64	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.4	U	2.4	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-244**

Lab Sample ID: 660-20857-35
Client Matrix: Water

Date Sampled: 01/29/2008 1449
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/11/2008 1539
Date Prepared: 02/11/2008 1539

Analysis Batch: 660-57504

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1118.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.4	U	2.4	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.84	U	0.84	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	112	77 - 122
4-Bromofluorobenzene	96	74 - 126
Dibromofluoromethane	97	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: DUP-18

Lab Sample ID: 660-20857-36
Client Matrix: Water

Date Sampled: 01/29/2008 0000
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/11/2008 1603
Date Prepared: 02/11/2008 1603

Analysis Batch: 660-57504

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1119.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.4	U	2.4	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.4	U	2.4	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.64	U	0.64	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.4	U	2.4	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.4	U	2.4	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.64	U	0.64	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.4	U	2.4	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: DUP-18

Lab Sample ID: 660-20857-36
Client Matrix: Water

Date Sampled: 01/29/2008 0000
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/11/2008 1603
Date Prepared: 02/11/2008 1603

Analysis Batch: 660-57504

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1119.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.4	U	2.4	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.84	U	0.84	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	110	77 - 122
4-Bromofluorobenzene	96	74 - 126
Dibromofluoromethane	96	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-231**

Lab Sample ID: 660-20857-37
Client Matrix: Water

Date Sampled: 01/29/2008 1036
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/11/2008 1626
Date Prepared: 02/11/2008 1626

Analysis Batch: 660-57504

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1120.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.4	U	2.4	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.4	U	2.4	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.64	U	0.64	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.4	U	2.4	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.4	U	2.4	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.64	U	0.64	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.4	U J	2.4	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-231**

Lab Sample ID: 660-20857-37
Client Matrix: Water

Date Sampled: 01/29/2008 1036
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/11/2008 1626
Date Prepared: 02/11/2008 1626

Analysis Batch: 660-57504

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1120.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.4	U	2.4	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.84	U	0.84	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	109	77 - 122
4-Bromofluorobenzene	94	74 - 126
Dibromofluoromethane	90	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-229**

Lab Sample ID: 660-20857-38
Client Matrix: Water

Date Sampled: 01/29/2008 1042
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/11/2008 1650
Date Prepared: 02/11/2008 1650

Analysis Batch: 660-57504

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1121.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.4	U	2.4	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.4	U	2.4	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.64	U	0.64	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.4	U	2.4	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.4	U	2.4	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.64	U	0.64	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.4	U	2.4	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-229**

Lab Sample ID: 660-20857-38
Client Matrix: Water

Date Sampled: 01/29/2008 1042
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/11/2008 1650
Date Prepared: 02/11/2008 1650

Analysis Batch: 660-57504

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1121.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.4	U	2.4	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.84	U	0.84	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	107	77 - 122
4-Bromofluorobenzene	95	74 - 126
Dibromofluoromethane	92	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-245**

Lab Sample ID: 660-20857-39
Client Matrix: Water

Date Sampled: 01/29/2008 0933
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/11/2008 1713
Date Prepared: 02/11/2008 1713

Analysis Batch: 660-57504

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1122.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.4	U	2.4	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.4	U	2.4	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.64	U	0.64	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.4	U	2.4	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.4	U	2.4	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.64	U	0.64	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.4	U	2.4	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-245

Lab Sample ID: 660-20857-39
Client Matrix: Water

Date Sampled: 01/29/2008 0933
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/11/2008 1713
Date Prepared: 02/11/2008 1713

Analysis Batch: 660-57504

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1122.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.4	U	2.4	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.84	U	0.84	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	103	77 - 122
4-Bromofluorobenzene	90	74 - 126
Dibromofluoromethane	89	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-247

Lab Sample ID: 660-20857-40
Client Matrix: Water

Date Sampled: 01/29/2008 0850
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/11/2008 1737
Date Prepared: 02/11/2008 1737

Analysis Batch: 660-57504

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1123.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.4	U	2.4	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.4	U	2.4	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.64	U	0.64	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.4	U	2.4	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.4	U	2.4	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.64	U	0.64	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.4	U J	2.4	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-247

Lab Sample ID: 660-20857-40
Client Matrix: Water

Date Sampled: 01/29/2008 0850
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/11/2008 1737
Date Prepared: 02/11/2008 1737

Analysis Batch: 660-57504

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1123.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.4	U	2.4	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.84	U	0.84	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	107	77 - 122
4-Bromofluorobenzene	94	74 - 126
Dibromofluoromethane	94	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-246

Lab Sample ID: 660-20857-41
Client Matrix: Water

Date Sampled: 01/29/2008 0900
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/11/2008 1800
Date Prepared: 02/11/2008 1800

Analysis Batch: 660-57504

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1124.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.4	U	2.4	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.4	U	2.4	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.64	U	0.64	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.4	U	2.4	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.4	U	2.4	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.64	U	0.64	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.4	U	2.4	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-246**

Lab Sample ID: 660-20857-41
Client Matrix: Water

Date Sampled: 01/29/2008 0900
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/11/2008 1800
Date Prepared: 02/11/2008 1800

Analysis Batch: 660-57504

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1124.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.4	U	2.4	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.84	U	0.84	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	107	77 - 122
4-Bromofluorobenzene	96	74 - 126
Dibromofluoromethane	93	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-242**

Lab Sample ID: 660-20857-42
Client Matrix: Water

Date Sampled: 01/29/2008 1420
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/11/2008 1824
Date Prepared: 02/11/2008 1824

Analysis Batch: 660-57504

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1125.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.4	U	2.4	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.4	U	2.4	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.64	U	0.64	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.4	U	2.4	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.4	U	2.4	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.64	U	0.64	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.4	U J	2.4	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-242**

Lab Sample ID: 660-20857-42
Client Matrix: Water

Date Sampled: 01/29/2008 1420
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/11/2008 1824
Date Prepared: 02/11/2008 1824

Analysis Batch: 660-57504

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1125.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.4	U	2.4	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.84	U	0.84	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	104	77 - 122
4-Bromofluorobenzene	94	74 - 126
Dibromofluoromethane	91	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-230

Lab Sample ID: 660-20857-43
Client Matrix: Water

Date Sampled: 01/29/2008 1039
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 0140
Date Prepared: 02/12/2008 0140

Analysis Batch: 660-57495

Instrument ID: BVMH GC/MS
Lab File ID: 2HB1143.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.4	U	2.4	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.4	U	2.4	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.64	U	0.64	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.4	U	2.4	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.4	U	2.4	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.64	U	0.64	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.4	U	2.4	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-230**

Lab Sample ID: 660-20857-43
Client Matrix: Water

Date Sampled: 01/29/2008 1039
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 0140
Date Prepared: 02/12/2008 0140

Analysis Batch: 660-57495

Instrument ID: BVMH GC/MS
Lab File ID: 2HB1143.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.4	U	2.4	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.84	U	0.84	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	111	77 - 122
4-Bromofluorobenzene	96	74 - 126
Dibromofluoromethane	92	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-108**

Lab Sample ID: 660-20857-44
Client Matrix: Water

Date Sampled: 01/29/2008 1527
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 0203
Date Prepared: 02/12/2008 0203

Analysis Batch: 660-57495

Instrument ID: BVMH GC/MS
Lab File ID: 2HB1144.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.4	U J	2.4	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.4	U	2.4	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.64	U	0.64	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.4	U	2.4	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.4	U	2.4	5.0
1,1-Dichloroethane	1.3		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.64	U	0.64	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U J	4.0	5.0
Naphthalene	2.4	U J	2.4	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-108**

Lab Sample ID: 660-20857-44
Client Matrix: Water

Date Sampled: 01/29/2008 1527
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 0203
Date Prepared: 02/12/2008 0203

Analysis Batch: 660-57495

Instrument ID: BVMH GC/MS
Lab File ID: 2HB1144.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U J	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U J	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.4	U	2.4	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.84	U	0.84	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	112	77 - 122
4-Bromofluorobenzene	98	74 - 126
Dibromofluoromethane	92	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **EB-19**

Lab Sample ID: 660-20857-45
Client Matrix: Water

Date Sampled: 01/29/2008 1625
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/08/2008 1522
Date Prepared: 02/08/2008 1522

Analysis Batch: 660-57398

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0814.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U J	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.4	U J	2.4	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.4	U	2.4	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.64	U	0.64	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.4	U	2.4	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.4	U	2.4	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.64	U	0.64	1.0
trans-1,2-Dichloroethene	0.44	U J	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U J	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U J	4.0	5.0
Naphthalene	2.4	U	2.4	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: EB-19

Lab Sample ID: 660-20857-45
Client Matrix: Water

Date Sampled: 01/29/2008 1625
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/08/2008 1522
Date Prepared: 02/08/2008 1522

Analysis Batch: 660-57398

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0814.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.4	U	2.4	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.84	U	0.84	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	104	77 - 122
4-Bromofluorobenzene	89	74 - 126
Dibromofluoromethane	83	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: EB-21

Lab Sample ID: 660-20857-46
Client Matrix: Water

Date Sampled: 01/29/2008 1550
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/08/2008 1545
Date Prepared: 02/08/2008 1545

Analysis Batch: 660-57398

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0815.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U J	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.4	U J	2.4	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.4	U	2.4	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.64	U	0.64	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.4	U	2.4	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.4	U	2.4	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.64	U	0.64	1.0
trans-1,2-Dichloroethene	0.44	U J	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U J	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U J	4.0	5.0
Naphthalene	2.4	U	2.4	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **EB-21**

Lab Sample ID: 660-20857-46
Client Matrix: Water

Date Sampled: 01/29/2008 1550
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/08/2008 1545
Date Prepared: 02/08/2008 1545

Analysis Batch: 660-57398

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0815.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.4	U	2.4	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.84	U J	0.84	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	101	77 - 122
4-Bromofluorobenzene	92	74 - 126
Dibromofluoromethane	81	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: EB-20

Lab Sample ID: 660-20857-47
Client Matrix: Water

Date Sampled: 01/29/2008 1452
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/11/2008 1847
Date Prepared: 02/11/2008 1847

Analysis Batch: 660-57504

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1126.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.4	U	2.4	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.4	U	2.4	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.64	U	0.64	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.4	U	2.4	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.4	U	2.4	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.64	U	0.64	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.4	U	2.4	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: EB-20

Lab Sample ID: 660-20857-47
Client Matrix: Water

Date Sampled: 01/29/2008 1452
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/11/2008 1847
Date Prepared: 02/11/2008 1847

Analysis Batch: 660-57504

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1126.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.4	U	2.4	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.84	U	0.84	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	104	77 - 122
4-Bromofluorobenzene	98	74 - 126
Dibromofluoromethane	89	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: EB-18

Lab Sample ID: 660-20857-48
Client Matrix: Water

Date Sampled: 01/29/2008 1600
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/08/2008 1632
Date Prepared: 02/08/2008 1632

Analysis Batch: 660-57398

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0817.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U J	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.4	U J	2.4	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.4	U	2.4	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.64	U	0.64	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.4	U	2.4	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.4	U	2.4	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.64	U	0.64	1.0
trans-1,2-Dichloroethene	0.44	U J	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U J	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U J	4.0	5.0
Naphthalene	2.4	U	2.4	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **EB-18**

Lab Sample ID: 660-20857-48
Client Matrix: Water

Date Sampled: 01/29/2008 1600
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/08/2008 1632
Date Prepared: 02/08/2008 1632

Analysis Batch: 660-57398

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0817.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.4	U	2.4	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.84	U	0.84	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	99	77 - 122
4-Bromofluorobenzene	95	74 - 126
Dibromofluoromethane	77	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-101

Lab Sample ID: 660-20857-49
Client Matrix: Water

Date Sampled: 01/29/2008 0845
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 0227
Date Prepared: 02/12/2008 0227

Analysis Batch: 660-57495

Instrument ID: BVMH GC/MS
Lab File ID: 2HB1145.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.4	U J	2.4	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.4	U	2.4	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.64	U	0.64	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.4	U	2.4	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.4	U	2.4	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.64	U	0.64	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U J	4.0	5.0
Naphthalene	2.4	U J	2.4	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-101

Lab Sample ID: 660-20857-49
Client Matrix: Water

Date Sampled: 01/29/2008 0845
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 0227
Date Prepared: 02/12/2008 0227

Analysis Batch: 660-57495

Instrument ID: BVMH GC/MS
Lab File ID: 2HB1145.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U J	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U J	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.4	U	2.4	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.84	U	0.84	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	114	77 - 122
4-Bromofluorobenzene	99	74 - 126
Dibromofluoromethane	90	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-55**

Lab Sample ID: 660-20857-50
Client Matrix: Water

Date Sampled: 01/29/2008 0855
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 0250
Date Prepared: 02/12/2008 0250

Analysis Batch: 660-57495

Instrument ID: BVMH GC/MS
Lab File ID: 2HB1146.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.4	U	2.4	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.4	U	2.4	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.64	U	0.64	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.4	U	2.4	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.4	U	2.4	5.0
1,1-Dichloroethane	1.9		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.64	U	0.64	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.4	U	2.4	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-55**

Lab Sample ID: 660-20857-50
Client Matrix: Water

Date Sampled: 01/29/2008 0855
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 0250
Date Prepared: 02/12/2008 0250

Analysis Batch: 660-57495

Instrument ID: BVMH GC/MS
Lab File ID: 2HB1146.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U J	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U J	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.4	U	2.4	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.84	U	0.84	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	115	77 - 122
4-Bromofluorobenzene	98	74 - 126
Dibromofluoromethane	94	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-150

Lab Sample ID: 660-20857-51
Client Matrix: Water

Date Sampled: 01/29/2008 1240
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 0314
Date Prepared: 02/12/2008 0314

Analysis Batch: 660-57495

Instrument ID: BVMH GC/MS
Lab File ID: 2HB1147.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.4	U J	2.4	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.4	U	2.4	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.64	U	0.64	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.4	U	2.4	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.4	U	2.4	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.64	U	0.64	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U J	4.0	5.0
Naphthalene	2.4	U J	2.4	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-150**

Lab Sample ID: 660-20857-51
Client Matrix: Water

Date Sampled: 01/29/2008 1240
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 0314
Date Prepared: 02/12/2008 0314

Analysis Batch: 660-57495

Instrument ID: BVMH GC/MS
Lab File ID: 2HB1147.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U J	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U J	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.4	U	2.4	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.84	U	0.84	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	116	77 - 122
4-Bromofluorobenzene	98	74 - 126
Dibromofluoromethane	98	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-147**

Lab Sample ID: 660-20857-52
Client Matrix: Water

Date Sampled: 01/29/2008 1059
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 0337
Date Prepared: 02/12/2008 0337

Analysis Batch: 660-57495

Instrument ID: BVMH GC/MS
Lab File ID: 2HB1148.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.4	U J	2.4	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.4	U	2.4	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.64	U	0.64	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.4	U	2.4	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.4	U	2.4	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.64	U	0.64	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U J	4.0	5.0
Naphthalene	2.4	U J	2.4	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-147**

Lab Sample ID: 660-20857-52
Client Matrix: Water

Date Sampled: 01/29/2008 1059
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 0337
Date Prepared: 02/12/2008 0337

Analysis Batch: 660-57495

Instrument ID: BVMH GC/MS
Lab File ID: 2HB1148.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U J	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U J	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.4	U	2.4	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.84	U	0.84	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	116	77 - 122
4-Bromofluorobenzene	95	74 - 126
Dibromofluoromethane	90	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-148**

Lab Sample ID: 660-20857-53
Client Matrix: Water

Date Sampled: 01/29/2008 1108
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 0400
Date Prepared: 02/12/2008 0400

Analysis Batch: 660-57495

Instrument ID: BVMH GC/MS
Lab File ID: 2HB1149.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.4	U	2.4	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.4	U	2.4	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.64	U	0.64	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.4	U	2.4	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.4	U	2.4	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.64	U	0.64	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.4	U	2.4	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-148

Lab Sample ID: 660-20857-53
Client Matrix: Water

Date Sampled: 01/29/2008 1108
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 0400
Date Prepared: 02/12/2008 0400

Analysis Batch: 660-57495

Instrument ID: BVMH GC/MS
Lab File ID: 2HB1149.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U J	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U J	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.4	U	2.4	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.84	U	0.84	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	117	77 - 122
4-Bromofluorobenzene	97	74 - 126
Dibromofluoromethane	95	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: TB-19

Lab Sample ID: 660-20857-54
Client Matrix: Water

Date Sampled: 01/29/2008 0000
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/08/2008 1655
Date Prepared: 02/08/2008 1655

Analysis Batch: 660-57398

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0818.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U J	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.4	U J	2.4	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.4	U	2.4	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.64	U	0.64	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.4	U	2.4	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.4	U	2.4	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.64	U	0.64	1.0
trans-1,2-Dichloroethene	0.44	U J	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U J	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U J	4.0	5.0
Naphthalene	2.4	U	2.4	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: TB-19

Lab Sample ID: 660-20857-54
Client Matrix: Water

Date Sampled: 01/29/2008 0000
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/08/2008 1655
Date Prepared: 02/08/2008 1655

Analysis Batch: 660-57398

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0818.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.4	U	2.4	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.84	U	0.84	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	99	77 - 122
4-Bromofluorobenzene	92	74 - 126
Dibromofluoromethane	75	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: TB-18

Lab Sample ID: 660-20857-55
Client Matrix: Water

Date Sampled: 01/29/2008 0000
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/08/2008 1718
Date Prepared: 02/08/2008 1718

Analysis Batch: 660-57398

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0819.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U J	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.4	U J	2.4	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.4	U	2.4	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.64	U	0.64	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.4	U	2.4	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.4	U	2.4	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.64	U	0.64	1.0
trans-1,2-Dichloroethene	0.44	U J	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U J	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U J	4.0	5.0
Naphthalene	2.4	U	2.4	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: TB-18

Lab Sample ID: 660-20857-55
Client Matrix: Water

Date Sampled: 01/29/2008 0000
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/08/2008 1718
Date Prepared: 02/08/2008 1718

Analysis Batch: 660-57398

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0819.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.4	U	2.4	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.84	U	0.84	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	98	77 - 122
4-Bromofluorobenzene	92	74 - 126
Dibromofluoromethane	77	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: TB-20

Lab Sample ID: 660-20857-56
Client Matrix: Water

Date Sampled: 01/29/2008 0000
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/08/2008 1742
Date Prepared: 02/08/2008 1742

Analysis Batch: 660-57398

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0820.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U J	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.4	U J	2.4	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.4	U	2.4	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.64	U	0.64	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.4	U	2.4	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.4	U	2.4	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.64	U	0.64	1.0
trans-1,2-Dichloroethene	0.44	U J	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U J	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U J	4.0	5.0
Naphthalene	2.4	U	2.4	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: TB-20

Lab Sample ID: 660-20857-56
Client Matrix: Water

Date Sampled: 01/29/2008 0000
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/08/2008 1742
Date Prepared: 02/08/2008 1742

Analysis Batch: 660-57398

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0820.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.4	U	2.4	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.84	U	0.84	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	99	77 - 122
4-Bromofluorobenzene	90	74 - 126
Dibromofluoromethane	75	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **TB-21**

Lab Sample ID: 660-20857-57
Client Matrix: Water

Date Sampled: 01/29/2008 0000
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/08/2008 1915
Date Prepared: 02/08/2008 1915

Analysis Batch: 660-57398

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0824.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U J	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.4	U J	2.4	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.4	U	2.4	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.64	U	0.64	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.4	U	2.4	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.4	U	2.4	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.44	U	0.44	1.0
cis-1,2-Dichloroethene	0.64	U	0.64	1.0
trans-1,2-Dichloroethene	0.44	U J	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U J	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U J	4.0	5.0
Naphthalene	2.4	U	2.4	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **TB-21**

Lab Sample ID: 660-20857-57
Client Matrix: Water

Date Sampled: 01/29/2008 0000
Date Received: 01/30/2008 1145

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/08/2008 1915
Date Prepared: 02/08/2008 1915

Analysis Batch: 660-57398

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0824.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.4	U	2.4	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.84	U J	0.84	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	95	77 - 122
4-Bromofluorobenzene	90	74 - 126
Dibromofluoromethane	74	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-24**

Lab Sample ID: 660-20857-1
Client Matrix: Water

Date Sampled: 01/29/2008 0916
Date Received: 01/30/2008 1145

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/08/2008 1942
Date Prepared: 02/08/2008 1942

Analysis Batch: 660-57510

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0825.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-146**

Lab Sample ID: 660-20857-2
Client Matrix: Water

Date Sampled: 01/29/2008 1149
Date Received: 01/30/2008 1145

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/08/2008 2005
Date Prepared: 02/08/2008 2005

Analysis Batch: 660-57510

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0826.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-56

Lab Sample ID: 660-20857-3
Client Matrix: Water

Date Sampled: 01/29/2008 1557
Date Received: 01/30/2008 1145

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/08/2008 2029
Date Prepared: 02/08/2008 2029

Analysis Batch: 660-57510

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0827.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-88**

Lab Sample ID: 660-20857-4
Client Matrix: Water

Date Sampled: 01/29/2008 1519
Date Received: 01/30/2008 1145

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/08/2008 2052
Date Prepared: 02/08/2008 2052

Analysis Batch: 660-57510

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0828.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-84B

Lab Sample ID: 660-20857-5
Client Matrix: Water

Date Sampled: 01/29/2008 0952
Date Received: 01/30/2008 1145

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/08/2008 2117
Date Prepared: 02/08/2008 2117

Analysis Batch: 660-57510

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0829.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-84A

Lab Sample ID: 660-20857-6
Client Matrix: Water

Date Sampled: 01/29/2008 0957
Date Received: 01/30/2008 1145

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/08/2008 2141
Date Prepared: 02/08/2008 2141

Analysis Batch: 660-57510

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0830.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-82

Lab Sample ID: 660-20857-7
Client Matrix: Water

Date Sampled: 01/29/2008 1450
Date Received: 01/30/2008 1145

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 10
Date Analyzed: 02/12/2008 0006
Date Prepared: 02/12/2008 0006

Analysis Batch: 660-57499

Instrument ID: BVMH GC/MS
Lab File ID: 2HB1139.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	580		10	10

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-74

Lab Sample ID: 660-20857-8
Client Matrix: Water

Date Sampled: 01/29/2008 1622
Date Received: 01/30/2008 1145

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 5.0
Date Analyzed: 02/12/2008 0030
Date Prepared: 02/12/2008 0030

Analysis Batch: 660-57499

Instrument ID: BVMH GC/MS
Lab File ID: 2HB1140.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	130		5.0	5.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: DUP-19

Lab Sample ID: 660-20857-9
Client Matrix: Water

Date Sampled: 01/29/2008 0000
Date Received: 01/30/2008 1145

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 0053
Date Prepared: 02/12/2008 0053

Analysis Batch: 660-57499

Instrument ID: BVMH GC/MS
Lab File ID: 2HB1141.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	15		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: DUP-20

Lab Sample ID: 660-20857-10
Client Matrix: Water

Date Sampled: 01/29/2008 0000
Date Received: 01/30/2008 1145

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 0117
Date Prepared: 02/12/2008 0117

Analysis Batch: 660-57499

Instrument ID: BVMH GC/MS
Lab File ID: 2HB1142.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-16S

Lab Sample ID: 660-20857-11
Client Matrix: Water

Date Sampled: 01/29/2008 1605
Date Received: 01/30/2008 1145

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/09/2008 2147
Date Prepared: 02/09/2008 2147

Analysis Batch: 660-57509

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0929.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-145

Lab Sample ID: 660-20857-12
Client Matrix: Water

Date Sampled: 01/29/2008 1130
Date Received: 01/30/2008 1145

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/09/2008 2210
Date Prepared: 02/09/2008 2210

Analysis Batch: 660-57509

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0930.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-143**

Lab Sample ID: 660-20857-13
Client Matrix: Water

Date Sampled: 01/29/2008 1315
Date Received: 01/30/2008 1145

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/09/2008 2234
Date Prepared: 02/09/2008 2234

Analysis Batch: 660-57509

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0931.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-140

Lab Sample ID: 660-20857-14
Client Matrix: Water

Date Sampled: 01/29/2008 1010
Date Received: 01/30/2008 1145

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/09/2008 2257
Date Prepared: 02/09/2008 2257

Analysis Batch: 660-57509

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0932.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-136**

Lab Sample ID: 660-20857-15
Client Matrix: Water

Date Sampled: 01/29/2008 0850
Date Received: 01/30/2008 1145

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/09/2008 2321
Date Prepared: 02/09/2008 2321

Analysis Batch: 660-57509

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0933.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-207**

Lab Sample ID: 660-20857-16
Client Matrix: Water

Date Sampled: 01/29/2008 1415
Date Received: 01/30/2008 1145

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/09/2008 2344
Date Prepared: 02/09/2008 2344

Analysis Batch: 660-57509

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0934.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-16D**

Lab Sample ID: 660-20857-17
Client Matrix: Water

Date Sampled: 01/29/2008 1535
Date Received: 01/30/2008 1145

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/08/2008 0100
Date Prepared: 02/08/2008 0100

Analysis Batch: 660-57645

Instrument ID: BVMJ GC/MS
Lab File ID: 3JB0727.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	6.0		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-206

Lab Sample ID: 660-20857-18
Client Matrix: Water

Date Sampled: 01/29/2008 1405
Date Received: 01/30/2008 1145

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/08/2008 0122
Date Prepared: 02/08/2008 0122

Analysis Batch: 660-57645

Instrument ID: BVMJ GC/MS
Lab File ID: 3JB0728.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-142

Lab Sample ID: 660-20857-19
Client Matrix: Water

Date Sampled: 01/29/2008 1315
Date Received: 01/30/2008 1145

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/08/2008 0145
Date Prepared: 02/08/2008 0145

Analysis Batch: 660-57645

Instrument ID: BVMJ GC/MS
Lab File ID: 3JB0729.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-141**

Lab Sample ID: 660-20857-20
Client Matrix: Water

Date Sampled: 01/29/2008 1250
Date Received: 01/30/2008 1145

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 1700
Date Prepared: 02/12/2008 1700

Analysis Batch: 660-57643

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1166.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-144**

Lab Sample ID: 660-20857-21
Client Matrix: Water

Date Sampled: 01/29/2008 1220
Date Received: 01/30/2008 1145

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 1722
Date Prepared: 02/12/2008 1722

Analysis Batch: 660-57643

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1167.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-96

Lab Sample ID: 660-20857-22
Client Matrix: Water

Date Sampled: 01/29/2008 1115
Date Received: 01/30/2008 1145

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 1745
Date Prepared: 02/12/2008 1745

Analysis Batch: 660-57643

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1168.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-139

Lab Sample ID: 660-20857-23
Client Matrix: Water

Date Sampled: 01/29/2008 1005
Date Received: 01/30/2008 1145

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 2105
Date Prepared: 02/12/2008 2105

Analysis Batch: 660-57608

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1209.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-137**

Lab Sample ID: 660-20857-24
Client Matrix: Water

Date Sampled: 01/29/2008 0915
Date Received: 01/30/2008 1145

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/10/2008 2206
Date Prepared: 02/10/2008 2206

Analysis Batch: 660-57649

Instrument ID: BVMH GC/MS
Lab File ID: 2HB1025.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-138**

Lab Sample ID: 660-20857-25
Client Matrix: Water

Date Sampled: 01/29/2008 0845
Date Received: 01/30/2008 1145

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/10/2008 2229
Date Prepared: 02/10/2008 2229

Analysis Batch: 660-57649

Instrument ID: BVMH GC/MS
Lab File ID: 2HB1026.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-176**

Lab Sample ID: 660-20857-26
Client Matrix: Water

Date Sampled: 01/29/2008 0920
Date Received: 01/30/2008 1145

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/10/2008 2252
Date Prepared: 02/10/2008 2252

Analysis Batch: 660-57649

Instrument ID: BVMH GC/MS
Lab File ID: 2HB1027.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-175**

Lab Sample ID: 660-20857-27
Client Matrix: Water

Date Sampled: 01/29/2008 1130
Date Received: 01/30/2008 1145

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/10/2008 2316
Date Prepared: 02/10/2008 2316

Analysis Batch: 660-57649

Instrument ID: BVMH GC/MS
Lab File ID: 2HB1028.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-125

Lab Sample ID: 660-20857-28
Client Matrix: Water

Date Sampled: 01/29/2008 1114
Date Received: 01/30/2008 1145

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/10/2008 2339
Date Prepared: 02/10/2008 2339

Analysis Batch: 660-57649

Instrument ID: BVMH GC/MS
Lab File ID: 2HB1029.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-13S**

Lab Sample ID: 660-20857-29
Client Matrix: Water

Date Sampled: 01/29/2008 1305
Date Received: 01/30/2008 1145

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/11/2008 0002
Date Prepared: 02/11/2008 0002

Analysis Batch: 660-57649

Instrument ID: BVMH GC/MS
Lab File ID: 2HB1030.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	4.5		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-13D**

Lab Sample ID: 660-20857-30
Client Matrix: Water

Date Sampled: 01/29/2008 1244
Date Received: 01/30/2008 1145

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/11/2008 1342
Date Prepared: 02/11/2008 1342

Analysis Batch: 660-57506

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1113.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-45

Lab Sample ID: 660-20857-31
Client Matrix: Water

Date Sampled: 01/29/2008 1353
Date Received: 01/30/2008 1145

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/11/2008 1406
Date Prepared: 02/11/2008 1406

Analysis Batch: 660-57506

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1114.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-115

Lab Sample ID: 660-20857-32
Client Matrix: Water

Date Sampled: 01/29/2008 1005
Date Received: 01/30/2008 1145

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/11/2008 1429
Date Prepared: 02/11/2008 1429

Analysis Batch: 660-57506

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1115.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-177**

Lab Sample ID: 660-20857-33
Client Matrix: Water

Date Sampled: 01/29/2008 0928
Date Received: 01/30/2008 1145

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/11/2008 1453
Date Prepared: 02/11/2008 1453

Analysis Batch: 660-57506

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1116.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-243

Lab Sample ID: 660-20857-34
Client Matrix: Water

Date Sampled: 01/29/2008 1422
Date Received: 01/30/2008 1145

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/11/2008 1516
Date Prepared: 02/11/2008 1516

Analysis Batch: 660-57506

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1117.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-244**

Lab Sample ID: 660-20857-35
Client Matrix: Water

Date Sampled: 01/29/2008 1449
Date Received: 01/30/2008 1145

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/11/2008 1539
Date Prepared: 02/11/2008 1539

Analysis Batch: 660-57506

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1118.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: DUP-18

Lab Sample ID: 660-20857-36
Client Matrix: Water

Date Sampled: 01/29/2008 0000
Date Received: 01/30/2008 1145

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/11/2008 1603
Date Prepared: 02/11/2008 1603

Analysis Batch: 660-57506

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1119.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-231**

Lab Sample ID: 660-20857-37
Client Matrix: Water

Date Sampled: 01/29/2008 1036
Date Received: 01/30/2008 1145

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/11/2008 1626
Date Prepared: 02/11/2008 1626

Analysis Batch: 660-57506

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1120.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-229

Lab Sample ID: 660-20857-38
Client Matrix: Water

Date Sampled: 01/29/2008 1042
Date Received: 01/30/2008 1145

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/11/2008 1650
Date Prepared: 02/11/2008 1650

Analysis Batch: 660-57506

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1121.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-245

Lab Sample ID: 660-20857-39
Client Matrix: Water

Date Sampled: 01/29/2008 0933
Date Received: 01/30/2008 1145

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/11/2008 1713
Date Prepared: 02/11/2008 1713

Analysis Batch: 660-57506

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1122.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-247**

Lab Sample ID: 660-20857-40
Client Matrix: Water

Date Sampled: 01/29/2008 0850
Date Received: 01/30/2008 1145

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/11/2008 1737
Date Prepared: 02/11/2008 1737

Analysis Batch: 660-57506

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1123.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-246**

Lab Sample ID: 660-20857-41
Client Matrix: Water

Date Sampled: 01/29/2008 0900
Date Received: 01/30/2008 1145

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/11/2008 1800
Date Prepared: 02/11/2008 1800

Analysis Batch: 660-57506

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1124.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-242**

Lab Sample ID: 660-20857-42
Client Matrix: Water

Date Sampled: 01/29/2008 1420
Date Received: 01/30/2008 1145

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/11/2008 1824
Date Prepared: 02/11/2008 1824

Analysis Batch: 660-57506

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1125.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-230**

Lab Sample ID: 660-20857-43
Client Matrix: Water

Date Sampled: 01/29/2008 1039
Date Received: 01/30/2008 1145

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 0140
Date Prepared: 02/12/2008 0140

Analysis Batch: 660-57499

Instrument ID: BVMH GC/MS
Lab File ID: 2HB1143.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-108

Lab Sample ID: 660-20857-44
Client Matrix: Water

Date Sampled: 01/29/2008 1527
Date Received: 01/30/2008 1145

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 0203
Date Prepared: 02/12/2008 0203

Analysis Batch: 660-57499

Instrument ID: BVMH GC/MS
Lab File ID: 2HB1144.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	12		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: EB-19

Lab Sample ID: 660-20857-45
Client Matrix: Water

Date Sampled: 01/29/2008 1625
Date Received: 01/30/2008 1145

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/08/2008 1522
Date Prepared: 02/08/2008 1522

Analysis Batch: 660-57510

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0814.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **EB-21**

Lab Sample ID: 660-20857-46
Client Matrix: Water

Date Sampled: 01/29/2008 1550
Date Received: 01/30/2008 1145

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/08/2008 1545
Date Prepared: 02/08/2008 1545

Analysis Batch: 660-57510

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0815.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **EB-20**

Lab Sample ID: 660-20857-47
Client Matrix: Water

Date Sampled: 01/29/2008 1452
Date Received: 01/30/2008 1145

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/08/2008 1608
Date Prepared: 02/08/2008 1608

Analysis Batch: 660-57510

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0816.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: EB-18

Lab Sample ID: 660-20857-48
Client Matrix: Water

Date Sampled: 01/29/2008 1600
Date Received: 01/30/2008 1145

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/08/2008 1632
Date Prepared: 02/08/2008 1632

Analysis Batch: 660-57510

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0817.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-101

Lab Sample ID: 660-20857-49
Client Matrix: Water

Date Sampled: 01/29/2008 0845
Date Received: 01/30/2008 1145

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 0227
Date Prepared: 02/12/2008 0227

Analysis Batch: 660-57499

Instrument ID: BVMH GC/MS
Lab File ID: 2HB1145.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	2.5		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-55**

Lab Sample ID: 660-20857-50
Client Matrix: Water

Date Sampled: 01/29/2008 0855
Date Received: 01/30/2008 1145

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 0250
Date Prepared: 02/12/2008 0250

Analysis Batch: 660-57499

Instrument ID: BVMH GC/MS
Lab File ID: 2HB1146.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	14		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-150**

Lab Sample ID: 660-20857-51
Client Matrix: Water

Date Sampled: 01/29/2008 1240
Date Received: 01/30/2008 1145

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 0314
Date Prepared: 02/12/2008 0314

Analysis Batch: 660-57499

Instrument ID: BVMH GC/MS
Lab File ID: 2HB1147.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **MW-147**

Lab Sample ID: 660-20857-52
Client Matrix: Water

Date Sampled: 01/29/2008 1059
Date Received: 01/30/2008 1145

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 0337
Date Prepared: 02/12/2008 0337

Analysis Batch: 660-57499

Instrument ID: BVMH GC/MS
Lab File ID: 2HB1148.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: MW-148

Lab Sample ID: 660-20857-53
Client Matrix: Water

Date Sampled: 01/29/2008 1108
Date Received: 01/30/2008 1145

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 0400
Date Prepared: 02/12/2008 0400

Analysis Batch: 660-57499

Instrument ID: BVMH GC/MS
Lab File ID: 2HB1149.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: TB-19

Lab Sample ID: 660-20857-54
Client Matrix: Water

Date Sampled: 01/29/2008 0000
Date Received: 01/30/2008 1145

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/08/2008 1655
Date Prepared: 02/08/2008 1655

Analysis Batch: 660-57510

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0818.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **TB-18**

Lab Sample ID: 660-20857-55
Client Matrix: Water

Date Sampled: 01/29/2008 0000
Date Received: 01/30/2008 1145

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/08/2008 1718
Date Prepared: 02/08/2008 1718

Analysis Batch: 660-57510

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0819.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **TB-20**

Lab Sample ID: 660-20857-56
Client Matrix: Water

Date Sampled: 01/29/2008 0000
Date Received: 01/30/2008 1145

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/08/2008 1742
Date Prepared: 02/08/2008 1742

Analysis Batch: 660-57510

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0820.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20857-1
Sdg Number: 660-20857

Client Sample ID: **TB-21**

Lab Sample ID: 660-20857-57
Client Matrix: Water

Date Sampled: 01/29/2008 0000
Date Received: 01/30/2008 1145

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/08/2008 1915
Date Prepared: 02/08/2008 1915

Analysis Batch: 660-57510

Instrument ID: BVMH GC/MS
Lab File ID: 1HB0824.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

SAMPLE COMPLIANCE REPORT

SAMPLE COMPLIANCE REPORT

Sample Delivery Group	Sampling Date	Protocol	Sample ID	Matrix	Compliancy[1]					Noncompliance
					VOC	SVOC	PCB/PEST/ HERB	MET	MISC	
660-20857	1/29/2008	SW-846	MW-24	Water	No	--	--	--	--	VOC – CCAL %D
660-20857	1/29/2008	SW-846	DUP-20	Water	No	--	--	--	--	VOC – CCAL %D
660-20857	1/29/2008	SW-846	MW-16S	Water	Yes	--	--	--	--	
660-20857	1/29/2008	SW-846	MW-145	Water	Yes	--	--	--	--	
660-20857	1/29/2008	SW-846	MW-143	Water	Yes	--	--	--	--	
660-20857	1/29/2008	SW-846	MW-140	Water	Yes	--	--	--	--	
660-20857	1/29/2008	SW-846	MW-136	Water	Yes	--	--	--	--	
660-20857	1/29/2008	SW-846	MW-207	Water	Yes	--	--	--	--	
660-20857	1/29/2008	SW-846	MW-16D	Water	Yes	--	--	--	--	
660-20857	1/29/2008	SW-846	MW-206	Water	Yes	--	--	--	--	
660-20857	1/29/2008	SW-846	MW-142	Water	Yes	--	--	--	--	
660-20857	1/29/2008	SW-846	MW-146	Water	No	--	--	--	--	VOC – CCAL %D
660-20857	1/29/2008	SW-846	MW-141	Water	Yes	--	--	--	--	
660-20857	1/29/2008	SW-846	MW-144	Water	Yes	--	--	--	--	
660-20857	1/29/2008	SW-846	MW-96	Water	Yes	--	--	--	--	
660-20857	1/29/2008	SW-846	MW-139	Water	Yes	--	--	--	--	
660-20857	1/29/2008	SW-846	MW-137	Water	Yes	--	--	--	--	
660-20857	1/29/2008	SW-846	MW-138	Water	Yes	--	--	--	--	
660-20857	1/29/2008	SW-846	MW-176	Water	Yes	--	--	--	--	
660-20857	1/29/2008	SW-846	MW-175	Water	Yes	--	--	--	--	
660-20857	1/29/2008	SW-846	MW-125	Water	Yes	--	--	--	--	
660-20857	1/29/2008	SW-846	MW-13S	Water	Yes	--	--	--	--	
660-20857	1/29/2008	SW-846	MW-56	Water	No	--	--	--	--	VOC – CCAL %D
660-20857	1/29/2008	SW-846	MW-13D	Water	No	--	--	--	--	VOC – CCAL %D
660-20857	1/29/2008	SW-846	MW-45	Water	No	--	--	--	--	VOC – CCAL %D
660-20857	1/29/2008	SW-846	MW-115	Water	No	--	--	--	--	VOC – CCAL %D
660-20857	1/29/2008	SW-846	MW-177	Water	No	--	--	--	--	VOC – CCAL %D

Sample Delivery Group	Sampling Date	Protocol	Sample ID	Matrix	Compliancy[1]					Noncompliance
					VOC	SVOC	PCB/PEST/ HERB	MET	MISC	
660-20857	1/29/2008	SW-846	MW-243	Water	No	--	--	--	--	VOC – CCAL %D
660-20857	1/29/2008	SW-846	MW-244	Water	No	--	--	--	--	VOC – CCAL %D
660-20857	1/29/2008	SW-846	DUP-18	Water	No	--	--	--	--	VOC – CCAL %D
660-20857	1/29/2008	SW-846	MW-231	Water	No	--	--	--	--	VOC – CCAL %D
660-20857	1/29/2008	SW-846	MW-229	Water	No	--	--	--	--	VOC – CCAL %D
660-20857	1/29/2008	SW-846	MW-245	Water	No	--	--	--	--	VOC – CCAL %D
660-20857	1/29/2008	SW-846	MW-88	Water	No	--	--	--	--	VOC – CCAL %D
660-20857	1/29/2008	SW-846	MW-247	Water	No	--	--	--	--	VOC – CCAL %D
660-20857	1/29/2008	SW-846	MW-246	Water	No	--	--	--	--	VOC – CCAL %D
660-20857	1/29/2008	SW-846	MW-242	Water	No	--	--	--	--	VOC – CCAL %D
660-20857	1/29/2008	SW-846	MW-230	Water	No	--	--	--	--	VOC – CCAL %D
660-20857	1/29/2008	SW-846	MW-108	Water	No	--	--	--	--	VOC – CCAL %D
660-20857	1/29/2008	SW-846	EB-19	Water	No	--	--	--	--	VOC – CCAL %D
660-20857	1/29/2008	SW-846	EB-21	Water	No	--	--	--	--	VOC – CCAL %D
660-20857	1/29/2008	SW-846	EB-20	Water	No	--	--	--	--	VOC – CCAL %D
660-20857	1/29/2008	SW-846	EB-18	Water	No	--	--	--	--	VOC – CCAL %D
660-20857	1/29/2008	SW-846	MW-101	Water	No	--	--	--	--	VOC – CCAL %D
660-20857	1/29/2008	SW-846	MW-84B	Water	No	--	--	--	--	VOC – CCAL %D
660-20857	1/29/2008	SW-846	MW-55	Water	No	--	--	--	--	VOC – CCAL %D
660-20857	1/29/2008	SW-846	MW-150	Water	No	--	--	--	--	VOC – CCAL %D
660-20857	1/29/2008	SW-846	MW-147	Water	No	--	--	--	--	VOC – CCAL %D
660-20857	1/29/2008	SW-846	MW-148	Water	No	--	--	--	--	VOC – CCAL %D
660-20857	1/29/2008	SW-846	TB-19	Water	No	--	--	--	--	VOC – CCAL %D
660-20857	1/29/2008	SW-846	TB-18	Water	No	--	--	--	--	VOC – CCAL %D
660-20857	1/29/2008	SW-846	TB-20	Water	No	--	--	--	--	VOC – CCAL %D
660-20857	1/29/2008	SW-846	TB-21	Water	No	--	--	--	--	VOC – CCAL %D
660-20857	1/29/2008	SW-846	MW-84A	Water	No	--	--	--	--	VOC – CCAL %D
660-20857	1/29/2008	SW-846	MW-82	Water	Yes	--	--	--	--	
660-20857	1/29/2008	SW-846	MW-74	Water	Yes	--	--	--	--	

Sample Delivery Group	Sampling Date	Protocol	Sample ID	Matrix	Compliancy[1]					Noncompliance
					VOC	SVOC	PCB/PEST/ HERB	MET	MISC	
660-20857	1/29/2008	SW-846	DUP-19	Water	Yes	--	--	--	--	

1 Samples which are compliant with no added validation qualifiers are listed as "yes". Samples which are non-compliant or which have added qualifiers are listed as "no". A "no" designation does not necessarily indicate that the data have been rejected or are otherwise unusable.

ARCADIS

Attachment 6

DATA REVIEW FOR

LOCKHEED MARTIN - TALLEVAST

TALLEVAST, FLORIDA

SDG #660-20907

VOLATILE ANALYSES

Analyses performed by:

TestAmerica Laboratories
Tampa, Florida

Review performed by:

ARCADIS
Infrastructure, environment, facilities

Syracuse, New York
Report #8124R

Summary

The following is an assessment of the data package for sample delivery group (SDG) #660-20907 for sampling from the Lockheed Martin - Tallevast Site. Included with this assessment are the corrected sample results and the sample compliance report. Analyses were performed on the following samples:

Sample ID	Lab ID	Matrix	Sample Date	Analysis				
				VOC	SVOC	PCB	MET	MISC
MW-71	660-20907-1	Water	1/30/2008	X				
MW-30	660-20907-10	Water	1/30/2008	X				
MW-48	660-20907-11	Water	1/30/2008	X				
MW-232	660-20907-12	Water	1/30/2008	X				
Dup-22	660-20907-13	Water	1/30/2008	X				
EW-110	660-20907-14	Water	1/30/2008	X				
EW-109	660-20907-15	Water	1/30/2008	X				
EW-106	660-20907-16	Water	1/30/2008	X				
EW-105	660-20907-17	Water	1/30/2008	X				
EW-104	660-20907-18	Water	1/30/2008	X				
EW-103	660-20907-19	Water	1/30/2008	X				
MW-149	660-20907-2	Water	1/30/2008	X				
EW-101	660-20907-20	Water	1/30/2008	X				
MW-166	660-20907-21	Water	1/30/2008	X				
MW-165	660-20907-22	Water	1/30/2008	X				
MW-164	660-20907-23	Water	1/30/2008	X				
Dup-25	660-20907-24	Water	1/30/2008	X				
MW-163	660-20907-25	Water	1/30/2008	X				
MW-162	660-20907-26	Water	1/30/2008	X				
MW-97	660-20907-27	Water	1/30/2008	X				
MW-87	660-20907-28	Water	1/30/2008	X				
MW-75	660-20907-29	Water	1/30/2008	X				
MW-129	660-20907-3	Water	1/30/2008	X				
MW-34	660-20907-30	Water	1/30/2008	X				
MW-35	660-20907-31	Water	1/30/2008	X				
MW-251	660-20907-32	Water	1/30/2008	X				
MW-69	660-20907-33	Water	1/30/2008	X				
MW-61	660-20907-34	Water	1/30/2008	X				
MW-196	660-20907-35	Water	1/30/2008	X				
MW-197	660-20907-36	Water	1/30/2008	X				
Private Well 48	660-20907-37	Water	1/30/2008	X				
Private Well 47	660-20907-38	Water	1/30/2008	X				
EB-22	660-20907-39	Water	1/30/2008	X				
MW-58	660-20907-4	Water	1/30/2008	X				
EB-25	660-20907-40	Water	1/30/2008	X				
EB-EW-1	660-20907-41	Water	1/30/2008	X				
TB-22	660-20907-42	Water	1/30/2008	X				
TB-25	660-20907-43	Water	1/30/2008	X				

Sample ID	Lab ID	Matrix	Sample Date	Analysis				
				VOC	SVOC	PCB	MET	MISC
TB-EW-1	660-20907-44	Water	1/30/2008	X				
EB-23	660-20907-45	Water	1/30/2008	X				
TB-23	660-20907-46	Water	1/30/2008	X				
Dup-23	660-20907-47	Water	1/30/2008	X				
MW-70	660-20907-48	Water	1/30/2008	X				
MW-47	660-20907-49	Water	1/30/2008	X				
MW-130	660-20907-5	Water	1/30/2008	X				
MW-81	660-20907-50	Water	1/30/2008	X				
TB-24	660-20907-51	Water	1/30/2008	X				
Dup-24	660-20907-52	Water	1/30/2008	X				
MW-57	660-20907-6	Water	1/30/2008	X				
MW-80	660-20907-7	Water	1/30/2008	X				
MW-72	660-20907-8	Water	1/30/2008	X				
MW-6	660-20907-9	Water	1/30/2008	X				

Notes:

1. Sample location Dup-22 is the field duplicate of parent sample location MW-166.
2. Sample location Dup-23 is the field duplicate of parent sample location MW-58.
3. Sample location Dup-24 is the field duplicate of parent sample location MW-232.
4. Sample location Dup-25 is the field duplicate of parent sample location MW-61.

VOLATILE ORGANIC COMPOUND (VOC) ANALYSES

Introduction

Analyses were performed according to (United Stated Environmental Protection Agency) USEPA SW-846 Method 8260B total ion monitoring (TIM) and 8260C selective ion monitoring (SIM) by isotope dilution. Data were reviewed in accordance with USEPA National Functional Guidelines of October 1999 and January 2005.

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with USEPA National Functional Guidelines:

U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

J The compound was positively identified; however, the associated numerical value is an estimated concentration only.

B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.

N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.

JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration only.

E The compound was quantitated above the calibration range.

D Concentration is based on a diluted sample analysis.

C Identification confirmed by gas chromatograph/mass spectrometer (GC/MS).

UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.

R The sample results are rejected.

Two facts should be noted by all data users. First, the "R" flag means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

Data Assessment

1. Holding Times

The specified holding times for the following methods are presented in the following table.

Method	Matrix	Holding Time	Preservation
SW-846 8260B/C	Water	14 days from collection to analysis	Cooled @ 4 °C; preserved to a pH of less than 2.
	Soil	48 hours from collection to extraction and 14 days from extraction to analysis	Cooled @ 4 °C.

The analyses that exceeded the holding are presented in the following table.

Sample Locations	Holding Time	Criteria
MW-87 (SIM ID) DL	Analysis Completed	23 Days

Sample results reported from the diluted associated sample locations analyzed by analytical method SW-846 8260 were qualified, as specified in the table below. All other holding times were met.

Criteria	Qualification	
	Detected Analytes	Non-detect Analytes
Analysis completed less than two times holding time	J	UJ

2. Blank Contamination

Quality assurance (QA) blanks (i.e., method, trip, and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure contamination of samples during shipment. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank (common laboratory contaminant compounds are calculated at ten times) is calculated for QA blanks containing concentrations greater than the method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

No compounds were detected in the associated blanks.

3. Mass Spectrometer Tuning

Mass spectrometer performance was acceptable.

System performance and column resolution were acceptable.

4. Calibration

Satisfactory instrument calibration is established to insure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument daily performance is satisfactory.

4.1 Initial Calibration

The method specifies percent relative standard deviation (%RSD) and relative response factor (RRF) limits for select compounds only. A technical review of the data applies limits to all compounds with no exceptions.

All target compounds analyzed by 8260B associated with the initial calibration standards must exhibit a %RSD less than the control limit (15%) or a correlation coefficient greater than 0.99. The compounds analyzed by method 8260B TIM must exhibit a RRF value greater than the control limit (0.05). The analysis of the target compound 1,4-Dioxane performed by method 8260C SIM by isotope dilution must exhibit a RRF value greater than the control limit (0.005).

4.2 Continuing Calibration

All target compounds analyzed by 8260B associated with the continuing calibration standard must exhibit a percent difference (%D) less then the control limit (20%) with the exception of 1,4-Dioxane must exhibit a %D less than the control limit of (50%). The compounds analyzed by method 8260B TIM must exhibit a RRF value greater than the control limit (0.05). The analysis of the target compound 1,4-Dioxane performed by method 8260C SIM by isotope dilution must exhibit a RRF value greater than the control limit (0.005).

All compounds associated with the calibrations were within the specified control limits, with the exception of the compounds presented in the following table.

Sample Locations	Initial/Continuing	Compound	Criteria
MW-72 Dup-22 EW-110 EW-109 EW-106 EW-105 EW-104 EW-103	CCV %D	1,3-Dichlorobenzene	-21.9%
		1,2,3-Trichlorobenzene	-25.1%
		1,2,4-Trichlorobenzene	-21.0%
		4-Chlorotoluene	-20.2%
		4-Isopropyltoluene	-20.6%
		Hexachlorobutadiene	-27.5%
		n-Butylbenzene	-23.3%
Private Well 47 EB-22 Dup-23 MW-70 MW-47 MW-81 TB-24 Dup-24	CCV %D	1,2-Dibromo-3-chloropropane	-26.0%
		1,3-Dichlorobenzene	-20.8%
		1,2,3-Trichlorobenzene	-29.4%
		1,2,4-Trichlorobenzene	-24.8%
		4-Chlorotoluene	-20.1%
		Bromomethane	67.4%
		Chloroethane	34.5%
		Hexachlorobutadiene	-28.4%
		n-Butylbenzene	-23.3%
		Naphthalene	-22.0%

Sample Locations	Initial/Continuing	Compound	Criteria
EW-101 MW-166 MW-165 MW-164 Dup-25 MW-163 MW-162 MW-97 MW-87 MW-75 MW-34 MW-35 MW-251 MW-69 MW-61 MW-196 MW-197 Private Well 48	CCV %D	Bromomethane	53.6%
		Carbon disulfide	25.2%

The criteria used to evaluate the initial and continuing calibration are presented in the following table. In the case of a calibration deviation, the sample results are qualified.

Initial/Continuing	Criteria	Sample Result	Qualification
Initial and Continuing Calibration	RRF <0.05	Non-detect	R
		Detect	J
	RRF <0.01[1]	Non-detect	R
		Detect	J
	RRF >0.05 or RRF >0.01[1]	Non-detect	No Action
		Detect	
Initial Calibration	%RSD > 15% or a correlation coefficient <0.99	Non-detect	UJ
		Detect	J
Continuing Calibration	%D >20% (increase in sensitivity)	Non-detect	No Action
		Detect	J
	%D >20% (decrease in sensitivity)	Non-detect	UJ
		Detect	J
	%D >90%	Non-detect	R
		Detect	J

1. RRF of 0.01 only applies to compounds which are typically poor responding compounds (i.e. ketones, 1,4-Dioxane, etc.)

5. Surrogates/System Monitoring Compounds

All samples to be analyzed for organic compounds are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. VOC analysis requires that all surrogates associated with the analysis exhibit recoveries within the laboratory-established acceptance limits.

Sample locations associated with surrogates exhibiting recoveries outside of the control limits presented in the following table.

Sample Locations	Surrogate	Recovery
EB-22	Toluene-d8	> UL
	4-Bromofluorobenzene	AC
	Dibromofluoromethane	AC
Dup-24	Toluene-d8	AC
	4-Bromofluorobenzene	> UL
	Dibromofluoromethane	AC

Upper control limit (UL)
Lower control limit (LL)
Diluted (D)
Acceptable (AC)

The criteria used to evaluate the surrogate recoveries are presented in the following table. In the case of a surrogate deviation, the sample results associated with the deviant fraction are qualified as documented in the table below.

Control Limit	Sample Result	Qualification
> UL	Non-detect	No Action
	Detect	J
< LL but > 10%	Non-detect	J
	Detect	J
< 10%	Non-detect	R
	Detect	J
Surrogates diluted below the calibration curve due to the high concentration of a target compounds	Non-detect	No Action
	Detect	

6. Internal Standard Performance

Internal standard performance criteria insure that the GC/MS sensitivity and response are stable during every sample analysis. The criteria requires the internal standard compounds associated with the VOC exhibit area counts that are not greater than two times (+100%) or less than one-half (-50%) of the area counts of the associated continuing calibration standard.

All internal standard areas and retention times were within established limits.

7. Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analysis

MS/MSD data are used to assess the precision and accuracy of the analytical method. The compounds used to perform the MS/MSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits. The relative percent difference (RPD) between the MS/MSD recoveries must exhibit an RPD within the laboratory-established acceptance limits.

> Note: The MS/MSD recovery control limits do not apply for MS/MSD performed on sample locations were the compound concentration detected in the parent sample exceeds the MS/MSD concentration by a factor of four or greater.

A MS/MSD was not performed on a sample location within this SDG.

8. Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) Analysis

The LCS/LCSD analysis is used to assess the precision and accuracy of the analytical method independent of matrix interferences. The compounds associated with the LCS/LCSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits.

All compounds associated with the LCS/LCSD analysis exhibited acceptable recoveries and RPD between the LCS/LCSD recoveries.

9. Field Duplicate Analysis

Field duplicate analysis is used to assess the precision and accuracy of the field sampling procedures and analytical method. A control limit of 50% for water matrices is applied to the RPD between the parent sample and the field duplicate.

Results for duplicate samples are summarized in the following table.

Sample ID/Duplicate ID	Compound	Sample Result	Duplicate Result	RPD
MW-166/Dup-22	All Compounds	ND	ND	AC
MW-58/Dup-23	All Compounds	ND	ND	AC
MW-232/Dup-24	Toluene	0.89 I	ND(0.51)	AC
	1,4-Dioxane (SIM ID)	7.6	7.6	0.0%
MW-61/Dup-25	1,4-Dioxane (SIM ID)	ND(1.0)	1.3	AC

NC = Not compliant.
ND = Not detected.
AC = The field duplicate RPD is acceptable when the RPD between parent sample and field duplicate sample is less than one times the RL and where the parent sample and/or duplicate concentration is less than five times the RL.

The calculated RPDs between the parent sample and field duplicate were acceptable.

10. Compound Identification

Compounds are identified on the GC/MS by using the analytes relative retention time and ion spectra.

Sample results associated with compound that exhibited a concentration greater than the linear range of the instrument calibration are summarized in the following table.

Sample ID	Compound	Original Analysis	Diluted Analysis	Reported Analysis
MW-80	1,1-Dichloroethene	160 E	170 D	170 D
EW-106	cis-1,2-Dichloroethene	580 E	430 D	580 EJ
	Trichloroethene	1500 E	740 D	1500 EJ
EW-104	Trichloroethene	1000 E	500 D	1000 EJ
MW-87	1,1-Dichloroethane	190 E	150 D	190 EJ
	1,1-Dichloroethene	970 E	720 D	970 EJ

Sample ID	Compound	Original Analysis	Diluted Analysis	Reported Analysis
	Trichloroethene	360 E	200 D	360 EJ
	1,4-Dioxane (SIM ID)	280 E	400 D	400 DJ
MW-81	Trichloroethene	890 E	430 D	890 EJ

Note: All diluted sample results were analyzed beyond the acceptable holding time criteria. Therefore sample results that exhibited a concentration greater than and/or within the calibration linear range of the instrument; the sample result exhibiting the greatest concentration will be reported as the final result.

Sample results associated with compounds exhibiting concentrations greater than the linear range are qualified as documented in the table below when reported as the final reported sample result.

Reported Sample Results	Qualification
Diluted sample result within calibration range	D
Diluted sample result less than the calibration range	DJ
Diluted sample result greater than the calibration range	EDJ
Original sample result greater than the calibration range	EJ

11. System Performance and Overall Assessment

Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

CORRECTED SAMPLE ANALYSIS DATA SHEETS

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **MW-71**

Lab Sample ID: 660-20907-1
Client Matrix: Water

Date Sampled: 01/30/2008 1340
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 0029
Date Prepared: 02/12/2008 0029

Analysis Batch: 660-57754

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1122.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	9.5		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	2.0		0.45	1.0
cis-1,2-Dichloroethene	70		0.65	1.0
trans-1,2-Dichloroethene	3.2		0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **MW-71**

Lab Sample ID: 660-20907-1
Client Matrix: Water

Date Sampled: 01/30/2008 1340
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 0029
Date Prepared: 02/12/2008 0029

Analysis Batch: 660-57754

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1122.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	32		0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	95	77 - 122
4-Bromofluorobenzene	94	74 - 126
Dibromofluoromethane	97	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **MW-149**

Lab Sample ID: 660-20907-2
Client Matrix: Water

Date Sampled: 01/30/2008 1549
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 0051
Date Prepared: 02/12/2008 0051

Analysis Batch: 660-57754

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1123.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **MW-149**

Lab Sample ID: 660-20907-2
Client Matrix: Water

Date Sampled: 01/30/2008 1549
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 0051
Date Prepared: 02/12/2008 0051

Analysis Batch: 660-57754

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1123.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	97	77 - 122
4-Bromofluorobenzene	105	74 - 126
Dibromofluoromethane	95	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **MW-129**

Lab Sample ID: 660-20907-3
Client Matrix: Water

Date Sampled: 01/30/2008 1431
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 0114
Date Prepared: 02/12/2008 0114

Analysis Batch: 660-57754

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1124.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **MW-129**

Lab Sample ID: 660-20907-3
Client Matrix: Water

Date Sampled: 01/30/2008 1431
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 0114
Date Prepared: 02/12/2008 0114

Analysis Batch: 660-57754

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1124.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	107	77 - 122
4-Bromofluorobenzene	115	74 - 126
Dibromofluoromethane	103	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **MW-58**

Lab Sample ID: 660-20907-4
Client Matrix: Water

Date Sampled: 01/30/2008 1436
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 0136
Date Prepared: 02/12/2008 0136

Analysis Batch: 660-57754

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1125.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **MW-58**

Lab Sample ID: 660-20907-4
Client Matrix: Water

Date Sampled: 01/30/2008 1436
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 0136
Date Prepared: 02/12/2008 0136

Analysis Batch: 660-57754

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1125.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	104	77 - 122
4-Bromofluorobenzene	113	74 - 126
Dibromofluoromethane	103	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **MW-130**

Lab Sample ID: 660-20907-5
Client Matrix: Water

Date Sampled: 01/30/2008 0922
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 0159
Date Prepared: 02/12/2008 0159

Analysis Batch: 660-57754

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1126.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	10		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	28		0.45	1.0
cis-1,2-Dichloroethene	1.1		0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **MW-130**

Lab Sample ID: 660-20907-5
Client Matrix: Water

Date Sampled: 01/30/2008 0922
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 0159
Date Prepared: 02/12/2008 0159

Analysis Batch: 660-57754

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1126.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	3.7		0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	107	77 - 122
4-Bromofluorobenzene	114	74 - 126
Dibromofluoromethane	106	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: MW-57

Lab Sample ID: 660-20907-6
Client Matrix: Water

Date Sampled: 01/30/2008 0930
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 0221
Date Prepared: 02/12/2008 0221

Analysis Batch: 660-57754

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1127.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **MW-57**

Lab Sample ID: 660-20907-6
Client Matrix: Water

Date Sampled: 01/30/2008 0930
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 0221
Date Prepared: 02/12/2008 0221

Analysis Batch: 660-57754

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1127.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	430		9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	103	77 - 122
4-Bromofluorobenzene	110	74 - 126
Dibromofluoromethane	102	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **MW-80**

Lab Sample ID: 660-20907-7
Client Matrix: Water

Date Sampled: 01/30/2008 1026
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 0244
Date Prepared: 02/12/2008 0244

Analysis Batch: 660-57754

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1128.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	4.1		0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	17		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
cis-1,2-Dichloroethene	6.2		0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: MW-80

Lab Sample ID: 660-20907-7
Client Matrix: Water

Date Sampled: 01/30/2008 1026
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 0244
Date Prepared: 02/12/2008 0244

Analysis Batch: 660-57754

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1128.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Tetrachloroethene	4.5		0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	23		0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.94	I	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	110	77 - 122
4-Bromofluorobenzene	117	74 - 126
Dibromofluoromethane	110	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **MW-80**

Lab Sample ID: 660-20907-7
Client Matrix: Water

Date Sampled: 01/30/2008 1026
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 2.0
Date Analyzed: 02/12/2008 1143
Date Prepared: 02/12/2008 1143

Analysis Batch: 660-57902

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1152.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1-Dichloroethene	170	D	0.90	2.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **MW-72**

Lab Sample ID: 660-20907-8
Client Matrix: Water

Date Sampled: 01/30/2008 1027
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 1120
Date Prepared: 02/12/2008 1120

Analysis Batch: 660-57902

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1151.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U J	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U J	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U J	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U J	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U J	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: MW-72

Lab Sample ID: 660-20907-8
Client Matrix: Water

Date Sampled: 01/30/2008 1027
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 1120
Date Prepared: 02/12/2008 1120

Analysis Batch: 660-57902

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1151.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	1.7		0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	2.5		0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	108	77 - 122
4-Bromofluorobenzene	111	74 - 126
Dibromofluoromethane	106	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **MW-6**

Lab Sample ID: 660-20907-9
Client Matrix: Water

Date Sampled: 01/30/2008 1118
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 0329
Date Prepared: 02/12/2008 0329

Analysis Batch: 660-57754

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1130.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **MW-6**

Lab Sample ID: 660-20907-9
Client Matrix: Water

Date Sampled: 01/30/2008 1118
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 0329
Date Prepared: 02/12/2008 0329

Analysis Batch: 660-57754

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1130.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	1.0		0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	102	77 - 122
4-Bromofluorobenzene	105	74 - 126
Dibromofluoromethane	100	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **MW-30**

Lab Sample ID: 660-20907-10
Client Matrix: Water

Date Sampled: 01/30/2008 1620
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 0351
Date Prepared: 02/12/2008 0351

Analysis Batch: 660-57754

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1131.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **MW-30**

Lab Sample ID: 660-20907-10
Client Matrix: Water

Date Sampled: 01/30/2008 1620
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 0351
Date Prepared: 02/12/2008 0351

Analysis Batch: 660-57754

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1131.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	1.1		0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	18	I	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	101	77 - 122
4-Bromofluorobenzene	105	74 - 126
Dibromofluoromethane	101	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **MW-48**

Lab Sample ID: 660-20907-11
Client Matrix: Water

Date Sampled: 01/30/2008 1206
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 0414
Date Prepared: 02/12/2008 0414

Analysis Batch: 660-57754

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1132.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **MW-48**

Lab Sample ID: 660-20907-11
Client Matrix: Water

Date Sampled: 01/30/2008 1206
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 0414
Date Prepared: 02/12/2008 0414

Analysis Batch: 660-57754

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1132.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.88	I	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	111	77 - 122
4-Bromofluorobenzene	116	74 - 126
Dibromofluoromethane	109	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **MW-232**

Lab Sample ID: 660-20907-12
Client Matrix: Water

Date Sampled: 01/30/2008 1503
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 0436
Date Prepared: 02/12/2008 0436

Analysis Batch: 660-57754

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1133.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: MW-232

Lab Sample ID: 660-20907-12
Client Matrix: Water

Date Sampled: 01/30/2008 1503
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 0436
Date Prepared: 02/12/2008 0436

Analysis Batch: 660-57754

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1133.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.89	I	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	105	77 - 122
4-Bromofluorobenzene	108	74 - 126
Dibromofluoromethane	105	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: Dup-22

Lab Sample ID: 660-20907-13
Client Matrix: Water

Date Sampled: 01/30/2008 0000
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 1205
Date Prepared: 02/12/2008 1205

Analysis Batch: 660-57902

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1153.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U J	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U J	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U J	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U J	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U J	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: Dup-22

Lab Sample ID: 660-20907-13
Client Matrix: Water

Date Sampled: 01/30/2008 0000
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 1205
Date Prepared: 02/12/2008 1205

Analysis Batch: 660-57902

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1153.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	111	77 - 122
4-Bromofluorobenzene	123	74 - 126
Dibromofluoromethane	110	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: EW-110

Lab Sample ID: 660-20907-14
Client Matrix: Water

Date Sampled: 01/30/2008 1536
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 1446
Date Prepared: 02/12/2008 1446

Analysis Batch: 660-57902

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1160.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U J	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U J	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U J	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	28		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	68		0.45	1.0
cis-1,2-Dichloroethene	5.4		0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U J	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U J	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: EW-110

Lab Sample ID: 660-20907-14
Client Matrix: Water

Date Sampled: 01/30/2008 1536
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 1446
Date Prepared: 02/12/2008 1446

Analysis Batch: 660-57902

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1160.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	4.0		0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	73		0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	10	I	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	1.0		0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	114	77 - 122
4-Bromofluorobenzene	113	74 - 126
Dibromofluoromethane	110	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: EW-109

Lab Sample ID: 660-20907-15
Client Matrix: Water

Date Sampled: 01/30/2008 1538
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 1508
Date Prepared: 02/12/2008 1508

Analysis Batch: 660-57902

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1161.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **EW-109**

Lab Sample ID: 660-20907-15
Client Matrix: Water

Date Sampled: 01/30/2008 1538
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 1508
Date Prepared: 02/12/2008 1508

Analysis Batch: 660-57902

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1161.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	1.1		0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	108	77 - 122
4-Bromofluorobenzene	113	74 - 126
Dibromofluoromethane	108	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: EW-106

Lab Sample ID: 660-20907-16
Client Matrix: Water

Date Sampled: 01/30/2008 1208
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 1530
Date Prepared: 02/12/2008 1530

Analysis Batch: 660-57902

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1162.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U J	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U J	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U J	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	24		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	43		0.45	1.0
cis-1,2-Dichloroethene	580	EJ ~~I~~	0.65	1.0
trans-1,2-Dichloroethene	1.6		0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U J	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U J	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: EW-106

Lab Sample ID: 660-20907-16
Client Matrix: Water

Date Sampled: 01/30/2008 1208
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 1530
Date Prepared: 02/12/2008 1530

Analysis Batch: 660-57902

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1162.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	26		0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	1500	E J ~~L~~	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.57	I	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	110	77 - 122
4-Bromofluorobenzene	112	74 - 126
Dibromofluoromethane	110	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: EW-106

Lab Sample ID: 660-20907-16
Client Matrix: Water

Date Sampled: 01/30/2008 1208
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 20
Date Analyzed: 02/22/2008 1604
Date Prepared: 02/22/2008 1604

Analysis Batch: 660-58162

Instrument ID: BVMH GC/MS
Lab File ID: 1HB2216.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
cis-1,2-Dichloroethene	430	Q	13	20
Trichloroethene	740	Q	10	20

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: EW-105

Lab Sample ID: 660-20907-17
Client Matrix: Water

Date Sampled: 01/30/2008 1213
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 1553
Date Prepared: 02/12/2008 1553

Analysis Batch: 660-57902

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1163.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U J	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U J	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U J	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	1.3		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	1.3		0.45	1.0
cis-1,2-Dichloroethene	1.4		0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U J	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U J	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: EW-105

Lab Sample ID: 660-20907-17
Client Matrix: Water

Date Sampled: 01/30/2008 1213
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 1553
Date Prepared: 02/12/2008 1553

Analysis Batch: 660-57902

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1163.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.79	I	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	19		0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	113	77 - 122
4-Bromofluorobenzene	114	74 - 126
Dibromofluoromethane	113	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: EW-104

Lab Sample ID: 660-20907-18
Client Matrix: Water

Date Sampled: 01/30/2008 1447
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 1615
Date Prepared: 02/12/2008 1615

Analysis Batch: 660-57902

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1164.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U J	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U J	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U J	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	49		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	14		0.45	1.0
cis-1,2-Dichloroethene	71		0.65	1.0
trans-1,2-Dichloroethene	0.89	I	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U J	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U J	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: EW-104

Lab Sample ID: 660-20907-18
Client Matrix: Water

Date Sampled: 01/30/2008 1447
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 1615
Date Prepared: 02/12/2008 1615

Analysis Batch: 660-57902

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1164.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	4.9		0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U J	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U J	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	1000	E J ~~L~~	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	108	77 - 122
4-Bromofluorobenzene	112	74 - 126
Dibromofluoromethane	109	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: EW-104

Lab Sample ID: 660-20907-18
Client Matrix: Water

Date Sampled: 01/30/2008 1447
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 20
Date Analyzed: 02/22/2008 1627
Date Prepared: 02/22/2008 1627

Analysis Batch: 660-58162

Instrument ID: BVMH GC/MS
Lab File ID: 1HB2217.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Trichloroethene	500	Q	10	20

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: EW-103

Lab Sample ID: 660-20907-19
Client Matrix: Water

Date Sampled: 01/30/2008 1450
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 1638
Date Prepared: 02/12/2008 1638

Analysis Batch: 660-57902

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1165.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U J	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U J	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U J	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	18		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	4.2		0.45	1.0
cis-1,2-Dichloroethene	14		0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U J	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U J	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: EW-103

Lab Sample ID: 660-20907-19
Client Matrix: Water

Date Sampled: 01/30/2008 1450
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 1638
Date Prepared: 02/12/2008 1638

Analysis Batch: 660-57902

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1165.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	1.0		0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U J	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U J	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	31		0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	113	77 - 122
4-Bromofluorobenzene	117	74 - 126
Dibromofluoromethane	112	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: EW-101

Lab Sample ID: 660-20907-20
Client Matrix: Water

Date Sampled: 01/30/2008 1251
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1425
Date Prepared: 02/13/2008 1425

Analysis Batch: 660-58411

Instrument ID: BVMG GC/MS
Lab File ID: 1GB1312.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	1.1		0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	3.7		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	3.2		0.45	1.0
cis-1,2-Dichloroethene	14		0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: EW-101

Lab Sample ID: 660-20907-20
Client Matrix: Water

Date Sampled: 01/30/2008 1251
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1425
Date Prepared: 02/13/2008 1425

Analysis Batch: 660-58411

Instrument ID: BVMG GC/MS
Lab File ID: 1GB1312.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	7.3		0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	140		0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	112	77 - 122
4-Bromofluorobenzene	101	74 - 126
Dibromofluoromethane	105	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: MW-166

Lab Sample ID: 660-20907-21
Client Matrix: Water

Date Sampled: 01/30/2008 1445
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1451
Date Prepared: 02/13/2008 1451

Analysis Batch: 660-58411

Instrument ID: BVMG GC/MS
Lab File ID: 1GB1313.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: MW-166

Lab Sample ID: 660-20907-21
Client Matrix: Water

Date Sampled: 01/30/2008 1445
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1451
Date Prepared: 02/13/2008 1451

Analysis Batch: 660-58411

Instrument ID: BVMG GC/MS
Lab File ID: 1GB1313.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	119	77 - 122
4-Bromofluorobenzene	107	74 - 126
Dibromofluoromethane	110	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **MW-165**

Lab Sample ID: 660-20907-22
Client Matrix: Water

Date Sampled: 01/30/2008 1140
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1516
Date Prepared: 02/13/2008 1516

Analysis Batch: 660-58411

Instrument ID: BVMG GC/MS
Lab File ID: 1GB1314.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: MW-165

Lab Sample ID: 660-20907-22
Client Matrix: Water

Date Sampled: 01/30/2008 1140
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1516
Date Prepared: 02/13/2008 1516

Analysis Batch: 660-58411

Instrument ID: BVMG GC/MS
Lab File ID: 1GB1314.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	111	77 - 122
4-Bromofluorobenzene	100	74 - 126
Dibromofluoromethane	109	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **MW-164**

Lab Sample ID: 660-20907-23
Client Matrix: Water

Date Sampled: 01/30/2008 1140
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1540
Date Prepared: 02/13/2008 1540

Analysis Batch: 660-58411

Instrument ID: BVMG GC/MS
Lab File ID: 1GB1315.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: MW-164

Lab Sample ID: 660-20907-23
Client Matrix: Water

Date Sampled: 01/30/2008 1140
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1540
Date Prepared: 02/13/2008 1540

Analysis Batch: 660-58411

Instrument ID: BVMG GC/MS
Lab File ID: 1GB1315.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	117	77 - 122
4-Bromofluorobenzene	106	74 - 126
Dibromofluoromethane	110	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: Dup-25

Lab Sample ID: 660-20907-24
Client Matrix: Water

Date Sampled: 01/30/2008 0000
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1605
Date Prepared: 02/13/2008 1605

Analysis Batch: 660-58411

Instrument ID: BVMG GC/MS
Lab File ID: 1GB1316.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: Dup-25

Lab Sample ID: 660-20907-24
Client Matrix: Water

Date Sampled: 01/30/2008 0000
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1605
Date Prepared: 02/13/2008 1605

Analysis Batch: 660-58411

Instrument ID: BVMG GC/MS
Lab File ID: 1GB1316.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	112	77 - 122
4-Bromofluorobenzene	102	74 - 126
Dibromofluoromethane	108	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **MW-163**

Lab Sample ID: 660-20907-25
Client Matrix: Water

Date Sampled: 01/30/2008 1436
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1629
Date Prepared: 02/13/2008 1629

Analysis Batch: 660-58411

Instrument ID: BVMG GC/MS
Lab File ID: 1GB1317.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: MW-163

Lab Sample ID: 660-20907-25
Client Matrix: Water

Date Sampled: 01/30/2008 1436
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1629
Date Prepared: 02/13/2008 1629

Analysis Batch: 660-58411

Instrument ID: BVMG GC/MS
Lab File ID: 1GB1317.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	115	77 - 122
4-Bromofluorobenzene	104	74 - 126
Dibromofluoromethane	110	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **MW-162**

Lab Sample ID: 660-20907-26
Client Matrix: Water

Date Sampled: 01/30/2008 1225
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1654
Date Prepared: 02/13/2008 1654

Analysis Batch: 660-58411

Instrument ID: BVMG GC/MS
Lab File ID: 1GB1318.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **MW-162**

Lab Sample ID: 660-20907-26
Client Matrix: Water

Date Sampled: 01/30/2008 1225
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1654
Date Prepared: 02/13/2008 1654

Analysis Batch: 660-58411

Instrument ID: BVMG GC/MS
Lab File ID: 1GB1318.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	112	77 - 122
4-Bromofluorobenzene	100	74 - 126
Dibromofluoromethane	107	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **MW-97**

Lab Sample ID: 660-20907-27
Client Matrix: Water

Date Sampled: 01/30/2008 1235
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1718
Date Prepared: 02/13/2008 1718

Analysis Batch: 660-58411

Instrument ID: BVMG GC/MS
Lab File ID: 1GB1319.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: MW-97

Lab Sample ID: 660-20907-27
Client Matrix: Water

Date Sampled: 01/30/2008 1235
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1718
Date Prepared: 02/13/2008 1718

Analysis Batch: 660-58411

Instrument ID: BVMG GC/MS
Lab File ID: 1GB1319.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	112	77 - 122
4-Bromofluorobenzene	101	74 - 126
Dibromofluoromethane	106	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: MW-87

Lab Sample ID: 660-20907-28
Client Matrix: Water

Date Sampled: 01/30/2008 0855
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1743
Date Prepared: 02/13/2008 1743

Analysis Batch: 660-58411

Instrument ID: BVMG GC/MS
Lab File ID: 1GB1320.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	190	EJ [illegible]	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	970	EJ [illegible]	0.45	1.0
cis-1,2-Dichloroethene	8.5		0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **MW-87**

Lab Sample ID: 660-20907-28
Client Matrix: Water

Date Sampled: 01/30/2008 0855
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1743
Date Prepared: 02/13/2008 1743

Analysis Batch: 660-58411

Instrument ID: BVMG GC/MS
Lab File ID: 1GB1320.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	61		0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	360	EJ ~~L~~	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	112	77 - 122
4-Bromofluorobenzene	104	74 - 126
Dibromofluoromethane	109	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **MW-87**

Lab Sample ID: 660-20907-28
Client Matrix: Water

Date Sampled: 01/30/2008 0855
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 10
Date Analyzed: 02/22/2008 1651
Date Prepared: 02/22/2008 1651

Analysis Batch: 660-58162

Instrument ID: BVMH GC/MS
Lab File ID: 1HB2218.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1-Dichloroethane	150	Q	5.2	10
1,1-Dichloroethene	720	Q	4.5	10
Trichloroethene	200	Q	5.0	10

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **MW-75**

Lab Sample ID: 660-20907-29
Client Matrix: Water

Date Sampled: 01/30/2008 0945
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1808
Date Prepared: 02/13/2008 1808

Analysis Batch: 660-58411

Instrument ID: BVMG GC/MS
Lab File ID: 1GB1321.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	16		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	5.1		0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: MW-75

Lab Sample ID: 660-20907-29
Client Matrix: Water

Date Sampled: 01/30/2008 0945
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1808
Date Prepared: 02/13/2008 1808

Analysis Batch: 660-58411

Instrument ID: BVMG GC/MS
Lab File ID: 1GB1321.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	115	77 - 122
4-Bromofluorobenzene	105	74 - 126
Dibromofluoromethane	108	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: MW-34

Lab Sample ID: 660-20907-30
Client Matrix: Water

Date Sampled: 01/30/2008 0820
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1832
Date Prepared: 02/13/2008 1832

Analysis Batch: 660-58411

Instrument ID: BVMG GC/MS
Lab File ID: 1GB1322.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: MW-34

Lab Sample ID: 660-20907-30
Client Matrix: Water

Date Sampled: 01/30/2008 0820
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1832
Date Prepared: 02/13/2008 1832

Analysis Batch: 660-58411

Instrument ID: BVMG GC/MS
Lab File ID: 1GB1322.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	109	77 - 122
4-Bromofluorobenzene	97	74 - 126
Dibromofluoromethane	107	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: MW-35

Lab Sample ID: 660-20907-31
Client Matrix: Water

Date Sampled: 01/30/2008 0820
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1856
Date Prepared: 02/13/2008 1856

Analysis Batch: 660-58411

Instrument ID: BVMG GC/MS
Lab File ID: 1GB1323.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	3.7		0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: MW-35

Lab Sample ID: 660-20907-31
Client Matrix: Water

Date Sampled: 01/30/2008 0820
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1856
Date Prepared: 02/13/2008 1856

Analysis Batch: 660-58411

Instrument ID: BVMG GC/MS
Lab File ID: 1GB1323.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	15		0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	11		0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	120	77 - 122
4-Bromofluorobenzene	104	74 - 126
Dibromofluoromethane	110	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **MW-251**

Lab Sample ID: 660-20907-32
Client Matrix: Water

Date Sampled: 01/30/2008 0957
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1921
Date Prepared: 02/13/2008 1921

Analysis Batch: 660-58411

Instrument ID: BVMG GC/MS
Lab File ID: 1GB1324.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: MW-251

Lab Sample ID: 660-20907-32
Client Matrix: Water

Date Sampled: 01/30/2008 0957
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1921
Date Prepared: 02/13/2008 1921

Analysis Batch: 660-58411

Instrument ID: BVMG GC/MS
Lab File ID: 1GB1324.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	116	77 - 122
4-Bromofluorobenzene	102	74 - 126
Dibromofluoromethane	110	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: MW-69

Lab Sample ID: 660-20907-33
Client Matrix: Water

Date Sampled: 01/30/2008 1102
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1945
Date Prepared: 02/13/2008 1945

Analysis Batch: 660-58411

Instrument ID: BVMG GC/MS
Lab File ID: 1GB1325.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	1.1		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: MW-69

Lab Sample ID: 660-20907-33
Client Matrix: Water

Date Sampled: 01/30/2008 1102
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1945
Date Prepared: 02/13/2008 1945

Analysis Batch: 660-58411

Instrument ID: BVMG GC/MS
Lab File ID: 1GB1325.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	112	77 - 122
4-Bromofluorobenzene	99	74 - 126
Dibromofluoromethane	104	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: MW-61

Lab Sample ID: 660-20907-34
Client Matrix: Water

Date Sampled: 01/30/2008 0956
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 2009
Date Prepared: 02/13/2008 2009

Analysis Batch: 660-58411

Instrument ID: BVMG GC/MS
Lab File ID: 1GB1326.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **MW-61**

Lab Sample ID: 660-20907-34
Client Matrix: Water

Date Sampled: 01/30/2008 0956
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 2009
Date Prepared: 02/13/2008 2009

Analysis Batch: 660-58411

Instrument ID: BVMG GC/MS
Lab File ID: 1GB1326.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	113	77 - 122
4-Bromofluorobenzene	99	74 - 126
Dibromofluoromethane	108	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: MW-196

Lab Sample ID: 660-20907-35
Client Matrix: Water

Date Sampled: 01/30/2008 1455
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 2034
Date Prepared: 02/13/2008 2034

Analysis Batch: 660-58411

Instrument ID: BVMG GC/MS
Lab File ID: 1GB1327.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **MW-196**

Lab Sample ID: 660-20907-35
Client Matrix: Water

Date Sampled: 01/30/2008 1455
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 2034
Date Prepared: 02/13/2008 2034

Analysis Batch: 660-58411

Instrument ID: BVMG GC/MS
Lab File ID: 1GB1327.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	2.2		0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	111	77 - 122
4-Bromofluorobenzene	96	74 - 126
Dibromofluoromethane	109	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **MW-197**

Lab Sample ID: 660-20907-36
Client Matrix: Water

Date Sampled: 01/30/2008 1415
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 2058
Date Prepared: 02/13/2008 2058

Analysis Batch: 660-58411

Instrument ID: BVMG GC/MS
Lab File ID: 1GB1328.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: MW-197

Lab Sample ID: 660-20907-36
Client Matrix: Water

Date Sampled: 01/30/2008 1415
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 2058
Date Prepared: 02/13/2008 2058

Analysis Batch: 660-58411

Instrument ID: BVMG GC/MS
Lab File ID: 1GB1328.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	108	77 - 122
4-Bromofluorobenzene	96	74 - 126
Dibromofluoromethane	105	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **Private Well 48**

Lab Sample ID: 660-20907-37
Client Matrix: Water

Date Sampled: 01/30/2008 0855
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 2122
Date Prepared: 02/13/2008 2122

Analysis Batch: 660-58411

Instrument ID: BVMG GC/MS
Lab File ID: 1GB1329.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **Private Well 48**

Lab Sample ID: 660-20907-37
Client Matrix: Water

Date Sampled: 01/30/2008 0855
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 2122
Date Prepared: 02/13/2008 2122

Analysis Batch: 660-58411

Instrument ID: BVMG GC/MS
Lab File ID: 1GB1329.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	2.2		0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	116	77 - 122
4-Bromofluorobenzene	97	74 - 126
Dibromofluoromethane	107	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **Private Well 47**

Lab Sample ID: 660-20907-38
Client Matrix: Water

Date Sampled: 01/30/2008 0900
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1213
Date Prepared: 02/13/2008 1213

Analysis Batch: 660-58005

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1246.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U J	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U J	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U J	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U J	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U J	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U J	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: Private Well 47

Lab Sample ID: 660-20907-38
Client Matrix: Water

Date Sampled: 01/30/2008 0900
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1213
Date Prepared: 02/13/2008 1213

Analysis Batch: 660-58005

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1246.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	1.9		0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	102	77 - 122
4-Bromofluorobenzene	113	74 - 126
Dibromofluoromethane	106	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: EB-22

Lab Sample ID: 660-20907-39
Client Matrix: Water

Date Sampled: 01/30/2008 1500
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1235
Date Prepared: 02/13/2008 1235

Analysis Batch: 660-58005

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1247.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U J	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U J	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U J	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U J	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U J	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U J	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: EB-22

Lab Sample ID: 660-20907-39
Client Matrix: Water

Date Sampled: 01/30/2008 1500
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1235
Date Prepared: 02/13/2008 1235

Analysis Batch: 660-58005

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1247.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec		Acceptance Limits
Toluene-d8 (Surr)	125	J1	77 - 122
4-Bromofluorobenzene	124		74 - 126
Dibromofluoromethane	118		70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: EB-25

Lab Sample ID: 660-20907-40
Client Matrix: Water

Date Sampled: 01/30/2008 1525
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 2310
Date Prepared: 02/12/2008 2310

Analysis Batch: 660-57611

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1227.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: EB-25

Lab Sample ID: 660-20907-40
Client Matrix: Water

Date Sampled: 01/30/2008 1525
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 2310
Date Prepared: 02/12/2008 2310

Analysis Batch: 660-57611

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1227.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	110	77 - 122
4-Bromofluorobenzene	95	74 - 126
Dibromofluoromethane	94	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: EB-EW-1

Lab Sample ID: 660-20907-41
Client Matrix: Water

Date Sampled: 01/30/2008 1620
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 2333
Date Prepared: 02/12/2008 2333

Analysis Batch: 660-57611

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1228.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: EB-EW-1

Lab Sample ID: 660-20907-41
Client Matrix: Water

Date Sampled: 01/30/2008 1620
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 2333
Date Prepared: 02/12/2008 2333

Analysis Batch: 660-57611

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1228.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	108	77 - 122
4-Bromofluorobenzene	97	74 - 126
Dibromofluoromethane	96	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: TB-22

Lab Sample ID: 660-20907-42
Client Matrix: Water

Date Sampled: 01/30/2008 0000
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 2356
Date Prepared: 02/12/2008 2356

Analysis Batch: 660-57611

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1229.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: TB-22

Lab Sample ID: 660-20907-42
Client Matrix: Water

Date Sampled: 01/30/2008 0000
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 2356
Date Prepared: 02/12/2008 2356

Analysis Batch: 660-57611

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1229.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	98	77 - 122
4-Bromofluorobenzene	91	74 - 126
Dibromofluoromethane	88	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: TB-25

Lab Sample ID: 660-20907-43
Client Matrix: Water

Date Sampled: 01/30/2008 0000
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 0019
Date Prepared: 02/13/2008 0019

Analysis Batch: 660-57611

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1230.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: TB-25

Lab Sample ID: 660-20907-43
Client Matrix: Water

Date Sampled: 01/30/2008 0000
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 0019
Date Prepared: 02/13/2008 0019

Analysis Batch: 660-57611

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1230.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	102	77 - 122
4-Bromofluorobenzene	91	74 - 126
Dibromofluoromethane	90	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **TB-EW-1**

Lab Sample ID: 660-20907-44
Client Matrix: Water

Date Sampled: 01/30/2008 0000
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 0042
Date Prepared: 02/13/2008 0042

Analysis Batch: 660-57611

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1231.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: TB-EW-1

Lab Sample ID: 660-20907-44
Client Matrix: Water

Date Sampled: 01/30/2008 0000
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 0042
Date Prepared: 02/13/2008 0042

Analysis Batch: 660-57611

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1231.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	113	77 - 122
4-Bromofluorobenzene	94	74 - 126
Dibromofluoromethane	94	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: EB-23

Lab Sample ID: 660-20907-45
Client Matrix: Water

Date Sampled: 01/30/2008 0000
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 0105
Date Prepared: 02/13/2008 0105

Analysis Batch: 660-57611

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1232.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: EB-23

Lab Sample ID: 660-20907-45
Client Matrix: Water

Date Sampled: 01/30/2008 0000
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 0105
Date Prepared: 02/13/2008 0105

Analysis Batch: 660-57611

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1232.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	105	77 - 122
4-Bromofluorobenzene	99	74 - 126
Dibromofluoromethane	98	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: TB-23

Lab Sample ID: 660-20907-46
Client Matrix: Water

Date Sampled: 01/30/2008 0000
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 0128
Date Prepared: 02/13/2008 0128

Analysis Batch: 660-57611

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1233.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: TB-23

Lab Sample ID: 660-20907-46
Client Matrix: Water

Date Sampled: 01/30/2008 0000
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 0128
Date Prepared: 02/13/2008 0128

Analysis Batch: 660-57611

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1233.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	114	77 - 122
4-Bromofluorobenzene	98	74 - 126
Dibromofluoromethane	97	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **Dup-23**

Lab Sample ID: 660-20907-47
Client Matrix: Water

Date Sampled: 01/30/2008 0000
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1258
Date Prepared: 02/13/2008 1258

Analysis Batch: 660-58005

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1248.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U J	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U J	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U J	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U J	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U J	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U J	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: Dup-23

Lab Sample ID: 660-20907-47
Client Matrix: Water

Date Sampled: 01/30/2008 0000
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1258
Date Prepared: 02/13/2008 1258

Analysis Batch: 660-58005

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1248.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	107	77 - 122
4-Bromofluorobenzene	112	74 - 126
Dibromofluoromethane	106	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **MW-70**

Lab Sample ID: 660-20907-48
Client Matrix: Water

Date Sampled: 01/30/2008 1257
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1320
Date Prepared: 02/13/2008 1320

Analysis Batch: 660-58005

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1249.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	17		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	4.6		0.45	1.0
cis-1,2-Dichloroethene	0.65	I	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: MW-70

Lab Sample ID: 660-20907-48
Client Matrix: Water

Date Sampled: 01/30/2008 1257
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1320
Date Prepared: 02/13/2008 1320

Analysis Batch: 660-58005

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1249.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	20		0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	310		9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	112	77 - 122
4-Bromofluorobenzene	114	74 - 126
Dibromofluoromethane	111	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: MW-47

Lab Sample ID: 660-20907-49
Client Matrix: Water

Date Sampled: 01/30/2008 1705
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1342
Date Prepared: 02/13/2008 1342

Analysis Batch: 660-58005

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1250.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	2.2		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: MW-47

Lab Sample ID: 660-20907-49
Client Matrix: Water

Date Sampled: 01/30/2008 1705
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1342
Date Prepared: 02/13/2008 1342

Analysis Batch: 660-58005

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1250.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	104	77 - 122
4-Bromofluorobenzene	108	74 - 126
Dibromofluoromethane	105	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: MW-81

Lab Sample ID: 660-20907-50
Client Matrix: Water

Date Sampled: 01/30/2008 1106
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1405
Date Prepared: 02/13/2008 1405

Analysis Batch: 660-58005

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1251.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U J	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U J	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U J	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U J	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	8.1		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	78		0.45	1.0
cis-1,2-Dichloroethene	49		0.65	1.0
trans-1,2-Dichloroethene	0.44	I	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U J	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	9.9		4.0	5.0
Naphthalene	2.5	U J	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **MW-81**

Lab Sample ID: 660-20907-50
Client Matrix: Water

Date Sampled: 01/30/2008 1106
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1405
Date Prepared: 02/13/2008 1405

Analysis Batch: 660-58005

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1251.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U J	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U J	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	890	E5	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	112	77 - 122
4-Bromofluorobenzene	115	74 - 126
Dibromofluoromethane	114	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **MW-81**

Lab Sample ID: 660-20907-50
Client Matrix: Water

Date Sampled: 01/30/2008 1106
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 20
Date Analyzed: 02/21/2008 2109
Date Prepared: 02/21/2008 2109

Analysis Batch: 660-58090

Instrument ID: BVMH GC/MS
Lab File ID: 1HB2121.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Trichloroethene	430	Q	10	20

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: TB-24

Lab Sample ID: 660-20907-51
Client Matrix: Water

Date Sampled: 01/30/2008 0000
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1427
Date Prepared: 02/13/2008 1427

Analysis Batch: 660-58005

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1252.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U J	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U J	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U J	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U J	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U J	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U J	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: TB-24

Lab Sample ID: 660-20907-51
Client Matrix: Water

Date Sampled: 01/30/2008 0000
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1427
Date Prepared: 02/13/2008 1427

Analysis Batch: 660-58005

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1252.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	108	77 - 122
4-Bromofluorobenzene	111	74 - 126
Dibromofluoromethane	109	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: Dup-24

Lab Sample ID: 660-20907-52
Client Matrix: Water

Date Sampled: 01/30/2008 0000
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1449
Date Prepared: 02/13/2008 1449

Analysis Batch: 660-58005

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1253.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U J	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U J	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U J	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U J	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U J	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U J	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **Dup-24**

Lab Sample ID: 660-20907-52
Client Matrix: Water

Date Sampled: 01/30/2008 0000
Date Received: 01/31/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1449
Date Prepared: 02/13/2008 1449

Analysis Batch: 660-58005

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1253.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec		Acceptance Limits
Toluene-d8 (Surr)	119		77 - 122
4-Bromofluorobenzene	128	J1	74 - 126
Dibromofluoromethane	121		70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **MW-71**

Lab Sample ID: 660-20907-1
Client Matrix: Water

Date Sampled: 01/30/2008 1340
Date Received: 01/31/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 1035
Date Prepared: 02/12/2008 1035

Analysis Batch: 660-57643

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1149.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	5.6		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **MW-149**

Lab Sample ID: 660-20907-2
Client Matrix: Water

Date Sampled: 01/30/2008 1549
Date Received: 01/31/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 1058
Date Prepared: 02/12/2008 1058

Analysis Batch: 660-57643

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1150.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **MW-129**

Lab Sample ID: 660-20907-3
Client Matrix: Water

Date Sampled: 01/30/2008 1431
Date Received: 01/31/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 0114
Date Prepared: 02/12/2008 0114

Analysis Batch: 660-57755

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1124.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	4.2		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: MW-58

Lab Sample ID: 660-20907-4
Client Matrix: Water

Date Sampled: 01/30/2008 1436
Date Received: 01/31/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 0136
Date Prepared: 02/12/2008 0136

Analysis Batch: 660-57755

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1125.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **MW-130**

Lab Sample ID: 660-20907-5
Client Matrix: Water

Date Sampled: 01/30/2008 0922
Date Received: 01/31/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 0159
Date Prepared: 02/12/2008 0159

Analysis Batch: 660-57755

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1126.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	92		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **MW-57**

Lab Sample ID: 660-20907-6
Client Matrix: Water

Date Sampled: 01/30/2008 0930
Date Received: 01/31/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 0221
Date Prepared: 02/12/2008 0221

Analysis Batch: 660-57755

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1127.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **MW-80**

Lab Sample ID: 660-20907-7
Client Matrix: Water

Date Sampled: 01/30/2008 1026
Date Received: 01/31/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 0244
Date Prepared: 02/12/2008 0244

Analysis Batch: 660-57755

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1128.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	95		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **MW-72**

Lab Sample ID: 660-20907-8
Client Matrix: Water

Date Sampled: 01/30/2008 1027
Date Received: 01/31/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 1120
Date Prepared: 02/12/2008 1120

Analysis Batch: 660-57643

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1151.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **MW-6**

Lab Sample ID: 660-20907-9
Client Matrix: Water

Date Sampled: 01/30/2008 1118
Date Received: 01/31/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 0329
Date Prepared: 02/12/2008 0329

Analysis Batch: 660-57755

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1130.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **MW-30**

Lab Sample ID: 660-20907-10
Client Matrix: Water

Date Sampled: 01/30/2008 1620
Date Received: 01/31/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 0351
Date Prepared: 02/12/2008 0351

Analysis Batch: 660-57755

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1131.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: MW-48

Lab Sample ID: 660-20907-11
Client Matrix: Water

Date Sampled: 01/30/2008 1206
Date Received: 01/31/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 0414
Date Prepared: 02/12/2008 0414

Analysis Batch: 660-57755

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1132.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	6.1		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **MW-232**

Lab Sample ID: 660-20907-12
Client Matrix: Water

Date Sampled: 01/30/2008 1503
Date Received: 01/31/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 0436
Date Prepared: 02/12/2008 0436

Analysis Batch: 660-57755

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1133.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	7.6		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: Dup-22

Lab Sample ID: 660-20907-13
Client Matrix: Water

Date Sampled: 01/30/2008 0000
Date Received: 01/31/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 1205
Date Prepared: 02/12/2008 1205

Analysis Batch: 660-57643

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1153.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **EW-110**

Lab Sample ID: 660-20907-14
Client Matrix: Water

Date Sampled: 01/30/2008 1536
Date Received: 01/31/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 1446
Date Prepared: 02/12/2008 1446

Analysis Batch: 660-57643

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1160.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	27		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: EW-109

Lab Sample ID: 660-20907-15
Client Matrix: Water

Date Sampled: 01/30/2008 1538
Date Received: 01/31/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 1508
Date Prepared: 02/12/2008 1508

Analysis Batch: 660-57643

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1161.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: EW-106

Lab Sample ID: 660-20907-16
Client Matrix: Water

Date Sampled: 01/30/2008 1208
Date Received: 01/31/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 1530
Date Prepared: 02/12/2008 1530

Analysis Batch: 660-57643

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1162.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	20		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: EW-105

Lab Sample ID: 660-20907-17
Client Matrix: Water

Date Sampled: 01/30/2008 1213
Date Received: 01/31/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 1553
Date Prepared: 02/12/2008 1553

Analysis Batch: 660-57643

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1163.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	3.9		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: EW-104

Lab Sample ID: 660-20907-18
Client Matrix: Water

Date Sampled: 01/30/2008 1447
Date Received: 01/31/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 1615
Date Prepared: 02/12/2008 1615

Analysis Batch: 660-57643

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1164.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	25		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: EW-103

Lab Sample ID: 660-20907-19
Client Matrix: Water

Date Sampled: 01/30/2008 1450
Date Received: 01/31/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 1638
Date Prepared: 02/12/2008 1638

Analysis Batch: 660-57643

Instrument ID: BVMJ GC/MS
Lab File ID: 2JB1165.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: EW-101

Lab Sample ID: 660-20907-20
Client Matrix: Water

Date Sampled: 01/30/2008 1251
Date Received: 01/31/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 2256
Date Prepared: 02/12/2008 2256

Analysis Batch: 660-57608

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1214.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: MW-166

Lab Sample ID: 660-20907-21
Client Matrix: Water

Date Sampled: 01/30/2008 1445
Date Received: 01/31/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 2319
Date Prepared: 02/12/2008 2319

Analysis Batch: 660-57608

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1215.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: MW-165

Lab Sample ID: 660-20907-22
Client Matrix: Water

Date Sampled: 01/30/2008 1140
Date Received: 01/31/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 2341
Date Prepared: 02/12/2008 2341

Analysis Batch: 660-57608

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1216.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **MW-164**

Lab Sample ID: 660-20907-23
Client Matrix: Water

Date Sampled: 01/30/2008 1140
Date Received: 01/31/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 0003
Date Prepared: 02/13/2008 0003

Analysis Batch: 660-57608

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1217.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: Dup-25

Lab Sample ID: 660-20907-24
Client Matrix: Water

Date Sampled: 01/30/2008 0000
Date Received: 01/31/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 0025
Date Prepared: 02/13/2008 0025

Analysis Batch: 660-57608

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1218.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.3		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **MW-163**

Lab Sample ID: 660-20907-25
Client Matrix: Water

Date Sampled: 01/30/2008 1436
Date Received: 01/31/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 0047
Date Prepared: 02/13/2008 0047

Analysis Batch: 660-57608

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1219.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: MW-162

Lab Sample ID: 660-20907-26
Client Matrix: Water

Date Sampled: 01/30/2008 1225
Date Received: 01/31/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 0109
Date Prepared: 02/13/2008 0109

Analysis Batch: 660-57608

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1220.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **MW-97**

Lab Sample ID: 660-20907-27
Client Matrix: Water

Date Sampled: 01/30/2008 1235
Date Received: 01/31/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 0132
Date Prepared: 02/13/2008 0132

Analysis Batch: 660-57608

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1221.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: MW-87

Lab Sample ID: 660-20907-28
Client Matrix: Water

Date Sampled: 01/30/2008 0855
Date Received: 01/31/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 0154
Date Prepared: 02/13/2008 0154

Analysis Batch: 660-57608

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1222.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	~~280~~ 400	~~L~~ DJ	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **MW-87**

Lab Sample ID: 660-20907-28
Client Matrix: Water

Date Sampled: 01/30/2008 0855
Date Received: 01/31/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 10
Date Analyzed: 02/22/2008 1651
Date Prepared: 02/22/2008 1651

Analysis Batch: 660-58129

Instrument ID: BVMH GC/MS
Lab File ID: 1HB2218.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	400	Q	10	10

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **MW-75**

Lab Sample ID: 660-20907-29
Client Matrix: Water

Date Sampled: 01/30/2008 0945
Date Received: 01/31/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 0216
Date Prepared: 02/13/2008 0216

Analysis Batch: 660-57608

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1223.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	33		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: MW-34

Lab Sample ID: 660-20907-30
Client Matrix: Water

Date Sampled: 01/30/2008 0820
Date Received: 01/31/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 0238
Date Prepared: 02/13/2008 0238

Analysis Batch: 660-57608

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1224.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: MW-35

Lab Sample ID: 660-20907-31
Client Matrix: Water

Date Sampled: 01/30/2008 0820
Date Received: 01/31/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 0300
Date Prepared: 02/13/2008 0300

Analysis Batch: 660-57608

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1225.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **MW-251**

Lab Sample ID: 660-20907-32
Client Matrix: Water

Date Sampled: 01/30/2008 0957
Date Received: 01/31/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 0322
Date Prepared: 02/13/2008 0322

Analysis Batch: 660-57608

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1226.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **MW-69**

Lab Sample ID: 660-20907-33
Client Matrix: Water

Date Sampled: 01/30/2008 1102
Date Received: 01/31/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 0344
Date Prepared: 02/13/2008 0344

Analysis Batch: 660-57608

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1227.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	7.4		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: MW-61

Lab Sample ID: 660-20907-34
Client Matrix: Water

Date Sampled: 01/30/2008 0956
Date Received: 01/31/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 0407
Date Prepared: 02/13/2008 0407

Analysis Batch: 660-57608

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1228.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: MW-196

Lab Sample ID: 660-20907-35
Client Matrix: Water

Date Sampled: 01/30/2008 1455
Date Received: 01/31/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 0429
Date Prepared: 02/13/2008 0429

Analysis Batch: 660-57608

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1229.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **MW-197**

Lab Sample ID: 660-20907-36
Client Matrix: Water

Date Sampled: 01/30/2008 1415
Date Received: 01/31/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 0451
Date Prepared: 02/13/2008 0451

Analysis Batch: 660-57608

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1230.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **Private Well 48**

Lab Sample ID: 660-20907-37
Client Matrix: Water

Date Sampled: 01/30/2008 0855
Date Received: 01/31/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 0513
Date Prepared: 02/13/2008 0513

Analysis Batch: 660-57608

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1231.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.6		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **Private Well 47**

Lab Sample ID: 660-20907-38
Client Matrix: Water

Date Sampled: 01/30/2008 0900
Date Received: 01/31/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1213
Date Prepared: 02/13/2008 1213

Analysis Batch: 660-58006

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1246.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.7		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: EB-22

Lab Sample ID: 660-20907-39
Client Matrix: Water

Date Sampled: 01/30/2008 1500
Date Received: 01/31/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1235
Date Prepared: 02/13/2008 1235

Analysis Batch: 660-58006

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1247.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: EB-25

Lab Sample ID: 660-20907-40
Client Matrix: Water

Date Sampled: 01/30/2008 1525
Date Received: 01/31/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 2310
Date Prepared: 02/12/2008 2310

Analysis Batch: 660-57599

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1227.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: EB-EW-1

Lab Sample ID: 660-20907-41
Client Matrix: Water

Date Sampled: 01/30/2008 1620
Date Received: 01/31/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 2333
Date Prepared: 02/12/2008 2333

Analysis Batch: 660-57599

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1228.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **TB-22**

Lab Sample ID: 660-20907-42
Client Matrix: Water

Date Sampled: 01/30/2008 0000
Date Received: 01/31/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2008 2356
Date Prepared: 02/12/2008 2356

Analysis Batch: 660-57599

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1229.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: TB-25

Lab Sample ID: 660-20907-43
Client Matrix: Water

Date Sampled: 01/30/2008 0000
Date Received: 01/31/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 0019
Date Prepared: 02/13/2008 0019

Analysis Batch: 660-57599

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1230.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: TB-EW-1

Lab Sample ID: 660-20907-44
Client Matrix: Water

Date Sampled: 01/30/2008 0000
Date Received: 01/31/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 0042
Date Prepared: 02/13/2008 0042

Analysis Batch: 660-57599

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1231.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: EB-23

Lab Sample ID: 660-20907-45
Client Matrix: Water

Date Sampled: 01/30/2008 0000
Date Received: 01/31/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 0105
Date Prepared: 02/13/2008 0105

Analysis Batch: 660-57599

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1232.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: TB-23

Lab Sample ID: 660-20907-46
Client Matrix: Water

Date Sampled: 01/30/2008 0000
Date Received: 01/31/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 0128
Date Prepared: 02/13/2008 0128

Analysis Batch: 660-57599

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1233.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **Dup-23**

Lab Sample ID: 660-20907-47
Client Matrix: Water

Date Sampled: 01/30/2008 0000
Date Received: 01/31/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1258
Date Prepared: 02/13/2008 1258

Analysis Batch: 660-58006

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1248.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **MW-70**

Lab Sample ID: 660-20907-48
Client Matrix: Water

Date Sampled: 01/30/2008 1257
Date Received: 01/31/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1320
Date Prepared: 02/13/2008 1320

Analysis Batch: 660-58006

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1249.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	3.1		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: MW-47

Lab Sample ID: 660-20907-49
Client Matrix: Water

Date Sampled: 01/30/2008 1705
Date Received: 01/31/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1342
Date Prepared: 02/13/2008 1342

Analysis Batch: 660-58006

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1250.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	39		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **MW-81**

Lab Sample ID: 660-20907-50
Client Matrix: Water

Date Sampled: 01/30/2008 1106
Date Received: 01/31/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 20
Date Analyzed: 02/13/2008 1929
Date Prepared: 02/13/2008 1929

Analysis Batch: 660-57632

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1325.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	150		20	20

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: TB-24

Lab Sample ID: 660-20907-51
Client Matrix: Water

Date Sampled: 01/30/2008 0000
Date Received: 01/31/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1427
Date Prepared: 02/13/2008 1427

Analysis Batch: 660-58006

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1252.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20907-1
Sdg Number: 660-20907

Client Sample ID: **Dup-24**

Lab Sample ID: 660-20907-52
Client Matrix: Water

Date Sampled: 01/30/2008 0000
Date Received: 01/31/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1449
Date Prepared: 02/13/2008 1449

Analysis Batch: 660-58006

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1253.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	7.6		1.0	1.0

SAMPLE COMPLIANCE REPORT

SAMPLE COMPLIANCE REPORT

Sample Delivery Group	Sampling Date	Protocol	Sample ID	Matrix	Compliancy[1]					Noncompliance
					VOC	SVOC	PCB/PEST/ HERB	MET	MISC	
660-20907	1/30/2008	SW-846	MW-71	Water	Yes	--	--	--	--	
660-20907	1/30/2008	SW-846	MW-30	Water	Yes	--	--	--	--	
660-20907	1/30/2008	SW-846	MW-48	Water	Yes	--	--	--	--	
660-20907	1/30/2008	SW-846	MW-232	Water	Yes	--	--	--	--	
660-20907	1/30/2008	SW-846	Dup-22	Water	No	--	--	--	--	VOC – CCAL %D
660-20907	1/30/2008	SW-846	EW-110	Water	No	--	--	--	--	VOC – CCAL %D
660-20907	1/30/2008	SW-846	EW-109	Water	No	--	--	--	--	VOC – CCAL %D
660-20907	1/30/2008	SW-846	EW-106	Water	No	--	--	--	--	VOC – CCAL %D
660-20907	1/30/2008	SW-846	EW-105	Water	No	--	--	--	--	VOC – CCAL %D
660-20907	1/30/2008	SW-846	EW-104	Water	No	--	--	--	--	VOC – CCAL %D
660-20907	1/30/2008	SW-846	EW-103	Water	No	--	--	--	--	VOC – CCAL %D
660-20907	1/30/2008	SW-846	MW-149	Water	Yes	--	--	--	--	
660-20907	1/30/2008	SW-846	EW-101	Water	Yes	--	--	--	--	
660-20907	1/30/2008	SW-846	MW-166	Water	Yes	--	--	--	--	
660-20907	1/30/2008	SW-846	MW-165	Water	Yes	--	--	--	--	
660-20907	1/30/2008	SW-846	MW-164	Water	Yes	--	--	--	--	
660-20907	1/30/2008	SW-846	Dup-25	Water	Yes	--	--	--	--	
660-20907	1/30/2008	SW-846	MW-163	Water	Yes	--	--	--	--	
660-20907	1/30/2008	SW-846	MW-162	Water	Yes	--	--	--	--	
660-20907	1/30/2008	SW-846	MW-97	Water	Yes	--	--	--	--	
660-20907	1/30/2008	SW-846	MW-87	Water	No	--	--	--	--	VOC – Holding Time
660-20907	1/30/2008	SW-846	MW-75	Water	Yes	--	--	--	--	
660-20907	1/30/2008	SW-846	MW-129	Water	Yes	--	--	--	--	
660-20907	1/30/2008	SW-846	MW-34	Water	Yes	--	--	--	--	
660-20907	1/30/2008	SW-846	MW-35	Water	Yes	--	--	--	--	
660-20907	1/30/2008	SW-846	MW-251	Water	Yes	--	--	--	--	
660-20907	1/30/2008	SW-846	MW-69	Water	Yes	--	--	--	--	

Sample Delivery Group	Sampling Date	Protocol	Sample ID	Matrix	Compliancy[1]					Noncompliance
					VOC	SVOC	PCB/PEST/ HERB	MET	MISC	
660-20907	1/30/2008	SW-846	MW-61	Water	Yes	--	--	--	--	
660-20907	1/30/2008	SW-846	MW-196	Water	Yes	--	--	--	--	
660-20907	1/30/2008	SW-846	MW-197	Water	Yes	--	--	--	--	
660-20907	1/30/2008	SW-846	Private Well 48	Water	Yes	--	--	--	--	
660-20907	1/30/2008	SW-846	Private Well 47	Water	No	--	--	--	--	VOC – CCAL %D
660-20907	1/30/2008	SW-846	EB-22	Water	No	--	--	--	--	VOC – CCAL %D
660-20907	1/30/2008	SW-846	MW-58	Water	Yes	--	--	--	--	
660-20907	1/30/2008	SW-846	EB-25	Water	Yes	--	--	--	--	
660-20907	1/30/2008	SW-846	EB-EW-1	Water	Yes	--	--	--	--	
660-20907	1/30/2008	SW-846	TB-22	Water	Yes	--	--	--	--	
660-20907	1/30/2008	SW-846	TB-25	Water	Yes	--	--	--	--	
660-20907	1/30/2008	SW-846	TB-EW-1	Water	Yes	--	--	--	--	
660-20907	1/30/2008	SW-846	EB-23	Water	Yes	--	--	--	--	
660-20907	1/30/2008	SW-846	TB-23	Water	Yes	--	--	--	--	
660-20907	1/30/2008	SW-846	Dup-23	Water	No	--	--	--	--	VOC – CCAL %D
660-20907	1/30/2008	SW-846	MW-70	Water	No	--	--	--	--	VOC – CCAL %D
660-20907	1/30/2008	SW-846	MW-47	Water	No	--	--	--	--	VOC – CCAL %D
660-20907	1/30/2008	SW-846	MW-130	Water	Yes	--	--	--	--	
660-20907	1/30/2008	SW-846	MW-81	Water	No	--	--	--	--	VOC – CCAL %D
660-20907	1/30/2008	SW-846	TB-24	Water	No	--	--	--	--	VOC – CCAL %D
660-20907	1/30/2008	SW-846	Dup-24	Water	No	--	--	--	--	VOC – CCAL %D
660-20907	1/30/2008	SW-846	MW-57	Water	Yes	--	--	--	--	
660-20907	1/30/2008	SW-846	MW-80	Water	Yes	--	--	--	--	
660-20907	1/30/2008	SW-846	MW-72	Water	No	--	--	--	--	VOC – CCAL %D
660-20907	1/30/2008	SW-846	MW-6	Water	Yes	--	--	--	--	

1 Samples which are compliant with no added validation qualifiers are listed as "yes". Samples which are non-compliant or which have added qualifiers are listed as "no". A "no" designation does not necessarily indicate that the data have been rejected or are otherwise unusable.

ARCADIS

Attachment 7

DATA REVIEW FOR

LOCKHEED MARTIN - TALLEVAST

TALLEVAST, FLORIDA

SDG #660-20926

VOLATILE ANALYSES

Analyses performed by:

TestAmerica Laboratories
Tampa, Florida

Review performed by:

ARCADIS
Infrastructure, environment, facilities

Syracuse, New York
Report #8160R

Summary

The following is an assessment of the data package for sample delivery group (SDG) #660-20926 for sampling from the Lockheed Martin - Tallevast Site. Included with this assessment are the corrected sample results and the sample compliance report. Analyses were performed on the following samples:

Sample ID	Lab ID	Matrix	Sample Date	Analysis				
				VOC	SVOC	PCB	MET	MISC
MW-249	660-20926-1	Water	1/31/2008	X				
MW-237	660-20926-10	Water	1/31/2008	X				
MW-238	660-20926-11	Water	1/31/2008	X				
MW-213	660-20926-12	Water	1/31/2008	X				
MW-62	660-20926-13	Water	1/31/2008	X				
MW-92	660-20926-14	Water	1/31/2008	X				
MW-46	660-20926-15	Water	1/31/2008	X				
MW-63	660-20926-16	Water	1/31/2008	X				
MW-131	660-20926-17	Water	1/31/2008	X				
PZ-LSAS-1	660-20926-18	Water	1/31/2008	X				
PZ-LSAS-2	660-20926-19	Water	1/31/2008	X				
MW-250	660-20926-2	Water	1/31/2008	X				
PZ-LSAS-3	660-20926-20	Water	1/31/2008	X				
PZ-LSAS-4	660-20926-21	Water	1/31/2008	X				
PZ-LSAS-5	660-20926-22	Water	1/31/2008	X				
PZ-LSAS-6	660-20926-23	Water	1/31/2008	X				
PZ-LSAS-7	660-20926-24	Water	1/31/2008	X				
Dup-30	660-20926-25	Water	1/31/2008	X				
EB-30	660-20926-26	Water	1/31/2008	X				
TB-30	660-20926-27	Water	1/31/2008	X				
Dup-27	660-20926-28	Water	1/31/2008	X				
EB-27	660-20926-29	Water	1/31/2008	X				
MW-214	660-20926-3	Water	1/31/2008	X				
MW-40	660-20926-30	Water	1/31/2008	X				
MW-41	660-20926-31	Water	1/31/2008	X				
MW-33	660-20926-32	Water	1/31/2008	X				
EW-102	660-20926-33	Water	1/31/2008	X				
EW-107	660-20926-34	Water	1/31/2008	X				
EW-108	660-20926-35	Water	1/31/2008	X				
MW-10	660-20926-36	Water	1/31/2008	X				
MW-36	660-20926-37	Water	1/31/2008	X				
MW-37	660-20926-38	Water	1/31/2008	X				
MW-127	660-20926-39	Water	1/31/2008	X				
MW-215	660-20926-4	Water	1/31/2008	X				
MW-128	660-20926-40	Water	1/31/2008	X				
Dup-28	660-20926-41	Water	1/31/2008	X				
EB-28	660-20926-42	Water	1/31/2008	X				
TB-28	660-20926-43	Water	1/31/2008	X				

Sample ID	Lab ID	Matrix	Sample Date	Analysis				
				VOC	SVOC	PCB	MET	MISC
Dup-29	660-20926-44	Water	1/31/2008	X				
EB-29	660-20926-45	Water	1/31/2008	X				
TB-29	660-20926-46	Water	1/31/2008	X				
Private Well 85	660-20926-47	Water	1/31/2008	X				
MW-19	660-20926-48	Water	1/31/2008	X				
MW-252	660-20926-49	Water	1/31/2008	X				
MW-216	660-20926-5	Water	1/31/2008	X				
MW-217	660-20926-6	Water	1/31/2008	X				
MW-234	660-20926-7	Water	1/31/2008	X				
MW-235	660-20926-8	Water	1/31/2008	X				
MW-236	660-20926-9	Water	1/31/2008	X				

Notes:

1. Sample location Dup-27 is the field duplicate of parent sample location MW-46.
2. Sample location Dup-28 is the field duplicate of parent sample location MW-128.
3. Sample location Dup-29 is the field duplicate of parent sample location EW-107.
4. Sample location Dup-30 is the field duplicate of parent sample location MW-237.

VOLATILE ORGANIC COMPOUND (VOC) ANALYSES

Introduction

Analyses were performed according to (United Stated Environmental Protection Agency) USEPA SW-846 Method 8260B total ion monitoring (TIM) and 8260C selective ion monitoring (SIM) by isotope dilution. Data were reviewed in accordance with USEPA National Functional Guidelines of October 1999 and January 2005.

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with USEPA National Functional Guidelines:

U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

J The compound was positively identified; however, the associated numerical value is an estimated concentration only.

B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.

N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.

JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration only.

E The compound was quantitated above the calibration range.

D Concentration is based on a diluted sample analysis.

C Identification confirmed by gas chromatograph/mass spectrometer (GC/MS).

UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.

R The sample results are rejected.

Two facts should be noted by all data users. First, the "R" flag means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

Data Assessment

1. Holding Times

The specified holding times for the following methods are presented in the following table.

Method	Matrix	Holding Time	Preservation
SW-846 8260B/C	Water	14 days from collection to analysis	Cooled @ 4 °C; preserved to a pH of less than 2.
	Soil	48 hours from collection to extraction and 14 days from extraction to analysis	Cooled @ 4 °C.

The analyses that exceeded the holding are presented in the following table.

Sample Locations	Holding Time	Criteria
PZ-LSAS-2 (SIM ID) DL PZ-LSAS-4 (SIM ID) DL Dup-30 (SIM ID)	Analysis Completed	18 Days
MW-37 DL MW-37 (SIM ID) DL MW-127 DL MW-127 (SIM ID) DL		19 Days
PZ-LSAS-5 DL PZ-LSAS-5 (SIM ID) PZ-LSAS-6 (SIM ID) PZ-LSAS-7 DL PZ-LSAS-7 (SIM ID) Dup-27 (SIM ID) EB-27 (SIM ID) MW-40 (SIM ID) MW-41 (SIM ID) MW-33 DL MW-33 (SIM ID) EW-102 (SIM ID) DL EW-107 (SIM ID)		21 Days
MW-213 EW-108 (SIM ID)		22 Days
PZ-LSAS-6 DL		25 Days

Sample results associated with sample locations analyzed by analytical method SW-846 8260 were qualified, as specified in the table below. All other holding times were met.

Criteria	Qualification	
	Detected Analytes	Non-detect Analytes
Analysis completed less than two times holding time	J	UJ

2. Blank Contamination

Quality assurance (QA) blanks (i.e., method, trip, and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure contamination of samples during shipment. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank (common laboratory contaminant compounds are calculated at ten times) is calculated for QA blanks containing concentrations greater than the method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

Target compounds were detected in the associated QA blanks. Sample results associated with blank contamination that were greater than the BAL and/or non-detect did not result in any qualification of data. Sample results less than the BAL associated with the following sample locations were qualified as listed in the following table.

Sample Locations	Analytes	Sample Result	Qualification
MW-238 MW-128 Dup-28	Acetone	Detected sample results <RL and <BAL	"U" at the PQL
EW-108	Acetone	Detected sample results >RL and <BAL	"U" at detected sample concentration
MW-131 EW-102 MW-10	Trichloroethene	Detected sample results >RL and <BAL	"U" at detected sample concentration

RL = reporting limit

3. Mass Spectrometer Tuning

The initial 1,4-dioxane (SIM ID) analysis for sample locations MW-213, PZ-LSAS-4, Dup-30, Dup-27, EB-27 and EW-107 were analyzed outside of the 12-hour tune clock. These samples were reanalyzed outside of holding time and reported. The reported results were qualified as estimated.

The initial TIM analysis for sample location MW-213 was analyzed outside of the 12-hour tune clock. This sample was reanalyzed outside of holding time and reported. The reported results were qualified as estimated.

4. Calibration

Satisfactory instrument calibration is established to insure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument daily performance is satisfactory.

4.1 Initial Calibration

The method specifies percent relative standard deviation (%RSD) and relative response factor (RRF) limits for select compounds only. A technical review of the data applies limits to all compounds with no exceptions.

All target compounds analyzed by 8260B associated with the initial calibration standards must exhibit a %RSD less than the control limit (15%) or a correlation coefficient greater than 0.99. The compounds analyzed by method 8260B TIM must exhibit a RRF value greater than the

control limit (0.05). The analysis of the target compound 1,4-Dioxane performed by method 8260C SIM by isotope dilution must exhibit a RRF value greater than the control limit (0.005).

4.2 Continuing Calibration

All target compounds analyzed by 8260B associated with the continuing calibration standard must exhibit a percent difference (%D) less then the control limit (20%) with the exception of 1,4-Dioxane must exhibit a %D less than the control limit of (50%). The compounds analyzed by method 8260B TIM must exhibit a RRF value greater than the control limit (0.05). The analysis of the target compound 1,4-Dioxane performed by method 8260C SIM by isotope dilution must exhibit a RRF value greater than the control limit (0.005).

All compounds associated with the calibrations were within the specified control limits, with the exception of the compounds presented in the following table.

Sample Locations	Initial/Continuing	Compound	Criteria
MW-249 MW-250 MW-214 MW-215 MW-216 MW-217 MW-234 MW-235 MW-236 MW-237 MW-238	CCV %D	1,2-Dibromo-3-chloropropane	-26.0%
		1,3-Dichlorobenzene	-20.8%
		1,2,3-Trichlorobenzene	-24.8%
		1,2,4-Trichlorobenzene	-29.4%
		4-Chlorotoluene	-20.1%
		Bromomethane	67.4%
		Chloroethane	34.5%
		Hexachlorobutadiene	-28.4%
		n-Butylbenzene	-23.3%
		Naphthalene	-22.0%
MW-213	CCV %D	Carbon disulfide	-39.7%
		Chloroethane	-21.9%
		Chloromethane	-30.0%
		Methylene chloride	-20.5%

The criteria used to evaluate the initial and continuing calibration are presented in the following table. In the case of a calibration deviation, the sample results are qualified.

Initial/Continuing	Criteria	Sample Result	Qualification
Initial and Continuing Calibration	RRF <0.05	Non-detect	R
		Detect	J
	RRF <0.01[1]	Non-detect	R
		Detect	J
	RRF >0.05 or RRF >0.01[1]	Non-detect	No Action
		Detect	
Initial Calibration	%RSD > 15% or a correlation coefficient <0.99	Non-detect	UJ
		Detect	J
Continuing Calibration	%D >20% (increase in sensitivity)	Non-detect	No Action
		Detect	J
	%D >20% (decrease in sensitivity)	Non-detect	UJ
		Detect	J

Initial/Continuing	Criteria	Sample Result	Qualification
	%D >90%	Non-detect	R
		Detect	J

1. RRF of 0.01 only applies to compounds which are typically poor responding compounds (i.e. ketones, 1,4-Dioxane, etc.)

5. Surrogates/System Monitoring Compounds

All samples to be analyzed for organic compounds are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. VOC analysis requires that all surrogates associated with the analysis exhibit recoveries within the laboratory-established acceptance limits.

Sample locations associated with surrogates exhibiting recoveries outside of the control limits presented in the following table.

Sample Locations	Surrogate	Recovery
MW-33	Toluene-d8	> UL
	4-Bromofluorobenzene	AC
	Dibromofluoromethane	AC

Upper control limit (UL)
Lower control limit (LL)
Diluted (D)
Acceptable (AC)

The criteria used to evaluate the surrogate recoveries are presented in the following table. In the case of a surrogate deviation, the sample results associated with the deviant fraction are qualified as documented in the table below.

Control Limit	Sample Result	Qualification
> UL	Non-detect	No Action
	Detect	J
< LL but > 10%	Non-detect	J
	Detect	J
< 10%	Non-detect	R
	Detect	J
Surrogates diluted below the calibration curve due to the high concentration of a target compounds	Non-detect	No Action
	Detect	

6. Internal Standard Performance

Internal standard performance criteria insure that the GC/MS sensitivity and response are stable during every sample analysis. The criteria requires the internal standard compounds associated with the VOC exhibit area counts that are not greater than two times (+100%) or less than one-half (-50%) of the area counts of the associated continuing calibration standard.

All internal standard areas and retention times were within established limits.

7. Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analysis

MS/MSD data are used to assess the precision and accuracy of the analytical method. The compounds used to perform the MS/MSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits. The relative percent difference (RPD) between the MS/MSD recoveries must exhibit an RPD within the laboratory-established acceptance limits.

> Note: The MS/MSD recovery control limits do not apply for MS/MSD performed on sample locations were the compound concentration detected in the parent sample exceeds the MS/MSD concentration by a factor of four or greater.

A MS/MSD was not performed on a sample location within this SDG.

8. Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) Analysis

The LCS/LCSD analysis is used to assess the precision and accuracy of the analytical method independent of matrix interferences. The compounds associated with the LCS/LCSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits.

All compounds associated with the LCS/LCSD analysis exhibited acceptable recoveries and RPD between the LCS/LCSD recoveries.

9. Field Duplicate Analysis

Field duplicate analysis is used to assess the precision and accuracy of the field sampling procedures and analytical method. A control limit of 50% for water matrices is applied to the RPD between the parent sample and the field duplicate.

Results for duplicate samples are summarized in the following table.

Sample ID/Duplicate ID	Compound	Sample Result	Duplicate Result	RPD
MW-46/Dup-27	All Compounds	ND	ND	AC
MW-128/Dup-28	1,1-Dichloroethane	2.3	2.6	AC
	1,1-Dichloroethene	3.6	4	AC
	Carbon disulfide	0.99 I	1.3	AC
	cis-1,2-Dichloroethene	2.5	2.5	AC
	Toluene	1.5	1.5	AC
	Trichloroethene	34	35	2.8%
	1,4-Dioxane (SIM ID)	7.2	7.6	5.4%
EW-107/Dup-29	Carbon disulfide	6.4	5.1	22.6%
	Toluene	0.52 I	ND(0.51)	AC
	Trichloroethene	6.1	4.2	AC
MW-237/Dup-30	All Compounds	ND	ND	AC

NC = Not compliant.
ND = Not detected.

AC = The field duplicate RPD is acceptable when the RPD between parent sample and field duplicate sample is less than one times the RL and where the parent sample and/or duplicate concentration is less than five times the RL.

The calculated RPDs between the parent sample and field duplicate were acceptable.

10. Compound Identification

Compounds are identified on the GC/MS by using the analytes relative retention time and ion spectra.

Sample results associated with compound that exhibited a concentration greater than the linear range of the instrument calibration are summarized in the following table.

Sample ID	Compound	Original Analysis	Diluted Analysis	Reported Analysis
PZ-LSAS-1	Trichloroethene	310 E	280 D	310 EJ
	1,4-Dioxane (SIM ID)	660 E	470 D	660 EJ
PZ-LSAS-2	cis-1,2-Dichloroethene	680 E	540 D	680 EJ
	Trichloroethene	1000 E	880 D	1000 EJ
	1,4-Dioxane (SIM ID)	570 E	580 D	580 DJ
PZ-LSAS-3	Trichloroethene	2500 E	1900 D	2500 EJ
PZ-LSAS-4	cis-1,2-Dichloroethene	730 E	560 D	730 EJ
	Trichloroethene	4100 E	3800 D	4100 EJ
PZ-LSAS-5	cis-1,2-Dichloroethene	690 E	290 D	690 EJ
	Trichloroethene	2100 E	3400 D	3400 DJ
PZ-LSAS-6	cis-1,2-Dichloroethene	510 E	120 D	510 EJ
	Trichloroethene	2500 E	8900 D	8900 DJ
PZ-LSAS-7	cis-1,2-Dichloroethene	480 E	70 D	480 EJ
	Trichloroethene	1900 E	2300 D	2300 DJ
MW-40	Tetrachloroethene	160 E	150 D	160 EJ
	Trichloroethene	970 E	880 D	970 EJ
MW-41	Trichloroethene	250 E	190 D	250 EJ
MW-33	1,1-Dichloroethane	160 E	140 D	160 EJ
	1,1-Dichloroethene	570 E	580 D	580 DJ
	Trichloroethene	410 E	290 D	410 EJ
EW-108	cis-1,2-Dichloroethene	930 E	460 D	930 EJ
	Carbon disulfide	100 E	85 D	100 EJ
MW-36	Trichloroethene	190 E	130 D	190 EJ
MW-37	1,1-Dichloroethene	230 E	230 D	230 DJ
	cis-1,2-Dichloroethene	420 E	400 D	420 EJ

Sample ID	Compound	Original Analysis	Diluted Analysis	Reported Analysis
	Trichloroethene	4500 E	9400 D	9400 DJ
	1,4-Dioxane (SIM ID)	300 E	760 D	760 DJ
MW-127	1,1-Dichloroethene	240 E	270 D	270 DJ
	Trichloroethene	3200 E	3300 D	3300 DJ
	1,4-Dioxane (SIM ID)	200 E	300 D	300 DJ
EW-102	1,4-Dioxane (SIM ID)	120 E	120 D	120 DJ

Note: All diluted sample results were analyzed beyond the acceptable holding time criteria. Therefore sample results that exhibited a concentration greater than and/or within the calibration linear range of the instrument; the sample result exhibiting the greatest concentration will be reported as the final result.

Sample results associated with compounds exhibiting concentrations greater than the linear range are qualified as documented in the table below when reported as the final reported sample result.

Reported Sample Results	Qualification
Diluted sample result within calibration range	D
Diluted sample result less than the calibration range	DJ
Diluted sample result greater than the calibration range	EDJ
Original sample result greater than the calibration range	EJ

11. System Performance and Overall Assessment

Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

Sample locations EB-30 and TB-30 were analyzed for 1,4-dioxane (SIM ID) by the laboratory but were not reported due to technical issues.

CORRECTED SAMPLE ANALYSIS DATA SHEETS

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-249**

Lab Sample ID: 660-20926-1
Client Matrix: Water

Date Sampled: 01/31/2008 1428
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1512
Date Prepared: 02/13/2008 1512

Analysis Batch: 660-58005

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1254.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	3.0		0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U J	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	4.4		0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U J	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U J	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U J	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U J	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U J	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-249**

Lab Sample ID: 660-20926-1
Client Matrix: Water

Date Sampled: 01/31/2008 1428
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1512
Date Prepared: 02/13/2008 1512

Analysis Batch: 660-58005

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1254.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	108	77 - 122
4-Bromofluorobenzene	107	74 - 126
Dibromofluoromethane	111	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-250**

Lab Sample ID: 660-20926-2
Client Matrix: Water

Date Sampled: 01/31/2008 1410
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1534
Date Prepared: 02/13/2008 1534

Analysis Batch: 660-58005

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1255.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U J	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U J	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U J	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U J	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U J	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U J	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-250**

Lab Sample ID: 660-20926-2
Client Matrix: Water

Date Sampled: 01/31/2008 1410
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1534
Date Prepared: 02/13/2008 1534

Analysis Batch: 660-58005

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1255.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	114	77 - 122
4-Bromofluorobenzene	115	74 - 126
Dibromofluoromethane	116	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-214**

Lab Sample ID: 660-20926-3
Client Matrix: Water

Date Sampled: 01/31/2008 1535
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1557
Date Prepared: 02/13/2008 1557

Analysis Batch: 660-58005

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1256.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U J	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U J	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U J	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U J	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U J	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	5.2		4.0	5.0
Naphthalene	2.5	U J	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-214**

Lab Sample ID: 660-20926-3
Client Matrix: Water

Date Sampled: 01/31/2008 1535
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1557
Date Prepared: 02/13/2008 1557

Analysis Batch: 660-58005

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1256.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	108	77 - 122
4-Bromofluorobenzene	107	74 - 126
Dibromofluoromethane	109	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-215**

Lab Sample ID: 660-20926-4
Client Matrix: Water

Date Sampled: 01/31/2008 1545
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1619
Date Prepared: 02/13/2008 1619

Analysis Batch: 660-58005

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1257.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U J	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U J	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U J	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U J	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U J	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U J	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-215**

Lab Sample ID: 660-20926-4
Client Matrix: Water

Date Sampled: 01/31/2008 1545
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1619
Date Prepared: 02/13/2008 1619

Analysis Batch: 660-58005

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1257.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	112	77 - 122
4-Bromofluorobenzene	112	74 - 126
Dibromofluoromethane	110	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-216**

Lab Sample ID: 660-20926-5
Client Matrix: Water

Date Sampled: 01/31/2008 1525
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1641
Date Prepared: 02/13/2008 1641

Analysis Batch: 660-58005

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1258.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U J	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U J	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U J	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U J	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U J	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U J	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-216**

Lab Sample ID: 660-20926-5
Client Matrix: Water

Date Sampled: 01/31/2008 1525
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1641
Date Prepared: 02/13/2008 1641

Analysis Batch: 660-58005

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1258.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	106	77 - 122
4-Bromofluorobenzene	104	74 - 126
Dibromofluoromethane	106	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-217**

Lab Sample ID: 660-20926-6
Client Matrix: Water

Date Sampled: 01/31/2008 1625
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1704
Date Prepared: 02/13/2008 1704

Analysis Batch: 660-58005

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1259.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U J	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U J	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U J	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U J	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U J	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U J	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-217**

Lab Sample ID: 660-20926-6
Client Matrix: Water

Date Sampled: 01/31/2008 1625
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1704
Date Prepared: 02/13/2008 1704

Analysis Batch: 660-58005

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1259.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	108	77 - 122
4-Bromofluorobenzene	106	74 - 126
Dibromofluoromethane	112	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-234**

Lab Sample ID: 660-20926-7
Client Matrix: Water

Date Sampled: 01/31/2008 1100
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1726
Date Prepared: 02/13/2008 1726

Analysis Batch: 660-58005

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1260.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U J	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U J	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U J	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U J	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U J	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	5.7		4.0	5.0
Naphthalene	2.5	U J	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-234**

Lab Sample ID: 660-20926-7
Client Matrix: Water

Date Sampled: 01/31/2008 1100
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1726
Date Prepared: 02/13/2008 1726

Analysis Batch: 660-58005

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1260.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	110	77 - 122
4-Bromofluorobenzene	107	74 - 126
Dibromofluoromethane	110	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-235**

Lab Sample ID: 660-20926-8
Client Matrix: Water

Date Sampled: 01/31/2008 1150
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1748
Date Prepared: 02/13/2008 1748

Analysis Batch: 660-58005

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1261.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U J	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U J	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U J	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U J	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U J	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U J	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-235**

Lab Sample ID: 660-20926-8
Client Matrix: Water

Date Sampled: 01/31/2008 1150
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1748
Date Prepared: 02/13/2008 1748

Analysis Batch: 660-58005

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1261.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	110	77 - 122
4-Bromofluorobenzene	108	74 - 126
Dibromofluoromethane	112	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-236**

Lab Sample ID: 660-20926-9
Client Matrix: Water

Date Sampled: 01/31/2008 1108
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1811
Date Prepared: 02/13/2008 1811

Analysis Batch: 660-58005

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1262.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U J	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U J	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U J	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U J	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U J	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U J	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-236**

Lab Sample ID: 660-20926-9
Client Matrix: Water

Date Sampled: 01/31/2008 1108
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1811
Date Prepared: 02/13/2008 1811

Analysis Batch: 660-58005

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1262.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	107	77 - 122
4-Bromofluorobenzene	103	74 - 126
Dibromofluoromethane	107	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-237**

Lab Sample ID: 660-20926-10
Client Matrix: Water

Date Sampled: 01/31/2008 1100
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1833
Date Prepared: 02/13/2008 1833

Analysis Batch: 660-58005

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1263.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U J	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U J	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U J	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U J	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U J	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U J	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-237**

Lab Sample ID: 660-20926-10
Client Matrix: Water

Date Sampled: 01/31/2008 1100
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1833
Date Prepared: 02/13/2008 1833

Analysis Batch: 660-58005

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1263.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	115	77 - 122
4-Bromofluorobenzene	112	74 - 126
Dibromofluoromethane	117	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-238**

Lab Sample ID: 660-20926-11
Client Matrix: Water

Date Sampled: 01/31/2008 1116
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1855
Date Prepared: 02/13/2008 1855

Analysis Batch: 660-58005

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1264.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U J	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U J	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U J	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U J	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U J	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U J	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-238**

Lab Sample ID: 660-20926-11
Client Matrix: Water

Date Sampled: 01/31/2008 1116
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1855
Date Prepared: 02/13/2008 1855

Analysis Batch: 660-58005

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1264.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U J	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U J	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	~~9.9~~ 20	~~U~~ U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	103	77 - 122
4-Bromofluorobenzene	102	74 - 126
Dibromofluoromethane	107	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-213**

Lab Sample ID: 660-20926-12
Client Matrix: Water

Date Sampled: 01/31/2008 1546
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/22/2008 1714
Date Prepared: 02/22/2008 1714

Analysis Batch: 660-58162

Instrument ID: BVMH GC/MS
Lab File ID: 1HB2219.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U Q	0.50	1.0
Bromobenzene	0.58	U Q	0.58	1.0
Chlorobromomethane	0.58	U Q	0.58	1.0
Dichlorobromomethane	0.35	U Q	0.35	1.0
Bromoform	0.58	U Q	0.58	1.0
Bromomethane	2.5	U Q	2.5	5.0
n-Butylbenzene	0.67	U Q	0.67	1.0
sec-Butylbenzene	0.63	U Q	0.63	1.0
tert-Butylbenzene	0.84	U Q	0.84	1.0
Carbon tetrachloride	0.42	U Q	0.42	1.0
Chlorobenzene	0.63	U Q	0.63	1.0
Chloroethane	2.5	U Q	2.5	5.0
Chloroform	0.90	U Q	0.90	1.0
Chloromethane	1.0	U Q	1.0	4.0
2-Chlorotoluene	0.65	U Q	0.65	1.0
4-Chlorotoluene	0.52	U Q	0.52	1.0
Chlorodibromomethane	0.34	U Q	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U Q	2.5	5.0
Ethylene Dibromide	0.50	U Q	0.50	1.0
Dibromomethane	0.41	U Q	0.41	1.0
1,2-Dichlorobenzene	0.44	U Q	0.44	1.0
1,3-Dichlorobenzene	0.64	U Q	0.64	1.0
1,4-Dichlorobenzene	0.52	U Q	0.52	1.0
Dichlorodifluoromethane	2.5	U Q	2.5	5.0
1,1-Dichloroethane	0.52	U Q	0.52	1.0
1,2-Dichloroethane	0.57	U Q	0.57	1.0
1,1-Dichloroethene	0.45	U Q	0.45	1.0
cis-1,2-Dichloroethene	0.65	U Q	0.65	1.0
trans-1,2-Dichloroethene	0.44	U Q	0.44	1.0
1,2-Dichloropropane	0.52	U Q	0.52	1.0
1,3-Dichloropropane	0.39	U Q	0.39	1.0
2,2-Dichloropropane	0.36	U Q	0.36	1.0
1,1-Dichloropropene	0.31	U Q	0.31	1.0
cis-1,3-Dichloropropene	0.14	U Q	0.14	1.0
trans-1,3-Dichloropropene	0.14	U Q	0.14	1.0
Ethylbenzene	0.44	U Q	0.44	1.0
Hexachlorobutadiene	0.40	U Q	0.40	1.0
Isopropylbenzene	0.19	U Q	0.19	1.0
4-Isopropyltoluene	0.69	U Q	0.69	1.0
Methylene Chloride	4.0	U Q	4.0	5.0
Naphthalene	2.5	U Q	2.5	5.0
N-Propylbenzene	0.59	U Q	0.59	1.0
Styrene	0.98	U Q	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U Q	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-213**

Lab Sample ID: 660-20926-12
Client Matrix: Water

Date Sampled: 01/31/2008 1546
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/22/2008 1714
Date Prepared: 02/22/2008 1714

Analysis Batch: 660-58162

Instrument ID: BVMH GC/MS
Lab File ID: 1HB2219.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U Q	0.15	1.0
Tetrachloroethene	0.50	U Q	0.50	1.0
Toluene	0.51	U Q	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U Q	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U Q	0.58	1.0
1,1,1-Trichloroethane	0.46	U Q	0.46	1.0
1,1,2-Trichloroethane	0.47	U Q	0.47	1.0
Trichloroethene	0.50	U Q	0.50	1.0
Trichlorofluoromethane	2.5	U Q	2.5	5.0
1,2,3-Trichloropropane	0.18	U Q	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U Q	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U Q	0.54	1.0
Vinyl chloride	0.50	U Q	0.50	1.0
o-Xylene	0.50	U Q	0.50	1.0
Acetone	9.9	U Q	9.9	20
2-Butanone (MEK)	8.4	U Q	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U Q	3.8	10
Carbon disulfide	0.85	U Q	0.85	1.0
2-Hexanone	4.4	U Q	4.4	10
Methyl tert-butyl ether	0.44	U Q	0.44	1.0
m-Xylene & p-Xylene	0.60	U Q	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	103	77 - 122
4-Bromofluorobenzene	97	74 - 126
Dibromofluoromethane	87	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-62**

Lab Sample ID: 660-20926-13
Client Matrix: Water

Date Sampled: 01/31/2008 1025
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1952
Date Prepared: 02/13/2008 1952

Analysis Batch: 660-57631

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1326.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-62**

Lab Sample ID: 660-20926-13
Client Matrix: Water

Date Sampled: 01/31/2008 1025
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1952
Date Prepared: 02/13/2008 1952

Analysis Batch: 660-57631

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1326.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	101	77 - 122
4-Bromofluorobenzene	105	74 - 126
Dibromofluoromethane	74	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-92**

Lab Sample ID: 660-20926-14
Client Matrix: Water

Date Sampled: 01/31/2008 0920
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 2015
Date Prepared: 02/13/2008 2015

Analysis Batch: 660-57631

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1327.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-92**

Lab Sample ID: 660-20926-14
Client Matrix: Water

Date Sampled: 01/31/2008 0920
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 2015
Date Prepared: 02/13/2008 2015

Analysis Batch: 660-57631

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1327.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	102	77 - 122
4-Bromofluorobenzene	96	74 - 126
Dibromofluoromethane	96	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: MW-46

Lab Sample ID: 660-20926-15
Client Matrix: Water

Date Sampled: 01/31/2008 1010
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 2038
Date Prepared: 02/13/2008 2038

Analysis Batch: 660-57631

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1328.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-46**

Lab Sample ID: 660-20926-15
Client Matrix: Water

Date Sampled: 01/31/2008 1010
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 2038
Date Prepared: 02/13/2008 2038

Analysis Batch: 660-57631

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1328.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	112	77 - 122
4-Bromofluorobenzene	95	74 - 126
Dibromofluoromethane	97	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-63**

Lab Sample ID: 660-20926-16
Client Matrix: Water

Date Sampled: 01/31/2008 0955
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 2101
Date Prepared: 02/13/2008 2101

Analysis Batch: 660-57631

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1329.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-63**

Lab Sample ID: 660-20926-16
Client Matrix: Water

Date Sampled: 01/31/2008 0955
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 2101
Date Prepared: 02/13/2008 2101

Analysis Batch: 660-57631

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1329.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	107	77 - 122
4-Bromofluorobenzene	97	74 - 126
Dibromofluoromethane	97	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: MW-131

Lab Sample ID: 660-20926-17
Client Matrix: Water

Date Sampled: 01/31/2008 0920
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 2124
Date Prepared: 02/13/2008 2124

Analysis Batch: 660-57631

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1330.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: MW-131

Lab Sample ID: 660-20926-17
Client Matrix: Water

Date Sampled: 01/31/2008 0920
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 2124
Date Prepared: 02/13/2008 2124

Analysis Batch: 660-57631

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1330.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	3.2	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	113	77 - 122
4-Bromofluorobenzene	100	74 - 126
Dibromofluoromethane	106	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: PZ-LSAS-1

Lab Sample ID: 660-20926-18
Client Matrix: Water

Date Sampled: 01/31/2008 1410
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 2147
Date Prepared: 02/13/2008 2147

Analysis Batch: 660-57631

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1331.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	3.3		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	48		0.45	1.0
cis-1,2-Dichloroethene	120		0.65	1.0
trans-1,2-Dichloroethene	0.97	I	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: PZ-LSAS-1

Lab Sample ID: 660-20926-18
Client Matrix: Water

Date Sampled: 01/31/2008 1410
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 2147
Date Prepared: 02/13/2008 2147

Analysis Batch: 660-57631

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1331.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	310	EJ--	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	111	77 - 122
4-Bromofluorobenzene	102	74 - 126
Dibromofluoromethane	104	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **PZ-LSAS-1**

Lab Sample ID: 660-20926-18
Client Matrix: Water

Date Sampled: 01/31/2008 1410
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 10
Date Analyzed: 02/15/2008 0437
Date Prepared: 02/15/2008 0437

Analysis Batch: 660-58013

Run Type: DL

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1450.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Trichloroethene	280	~~Q~~ D	5.0	10

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **PZ-LSAS-2**

Lab Sample ID: 660-20926-19
Client Matrix: Water

Date Sampled: 01/31/2008 1215
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 2210
Date Prepared: 02/13/2008 2210

Analysis Batch: 660-57631

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1332.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	18		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	77		0.45	1.0
cis-1,2-Dichloroethene	680	ES +	0.65	1.0
trans-1,2-Dichloroethene	2.3		0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: PZ-LSAS-2

Lab Sample ID: 660-20926-19
Client Matrix: Water

Date Sampled: 01/31/2008 1215
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 2210
Date Prepared: 02/13/2008 2210

Analysis Batch: 660-57631

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1332.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	1.7		0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	1000	EJ L	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	1.2		0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	120	77 - 122
4-Bromofluorobenzene	106	74 - 126
Dibromofluoromethane	105	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **PZ-LSAS-2**

Lab Sample ID: 660-20926-19
Client Matrix: Water

Date Sampled: 01/31/2008 1215
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 20
Date Analyzed: 02/18/2008 2151
Date Prepared: 02/18/2008 2151

Analysis Batch: 660-57963

Run Type: DL

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1829.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
cis-1,2-Dichloroethene	540	~~Q~~ b	13	20
Trichloroethene	880	~~Q~~ b	10	20

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: PZ-LSAS-3

Lab Sample ID: 660-20926-20
Client Matrix: Water

Date Sampled: 01/31/2008 1320
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 2233
Date Prepared: 02/13/2008 2233

Analysis Batch: 660-57631

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1333.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	11		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	37		0.45	1.0
cis-1,2-Dichloroethene	56		0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **PZ-LSAS-3**

Lab Sample ID: 660-20926-20
Client Matrix: Water

Date Sampled: 01/31/2008 1320
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 2233
Date Prepared: 02/13/2008 2233

Analysis Batch: 660-57631

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1333.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	13		0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	2500	E) L	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.98	I	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	740		9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	110	77 - 122
4-Bromofluorobenzene	103	74 - 126
Dibromofluoromethane	94	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **PZ-LSAS-3**

Lab Sample ID: 660-20926-20
Client Matrix: Water

Date Sampled: 01/31/2008 1320
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 50
Date Analyzed: 02/18/2008 2213
Date Prepared: 02/18/2008 2213

Analysis Batch: 660-57963

Run Type: DL

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1830.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Trichloroethene	1900	~~Q~~ D	25	50

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **PZ-LSAS-4**

Lab Sample ID: 660-20926-21
Client Matrix: Water

Date Sampled: 01/31/2008 1220
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 2256
Date Prepared: 02/13/2008 2256

Analysis Batch: 660-57631

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1334.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	8.8		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	100		0.45	1.0
cis-1,2-Dichloroethene	730	E) ~~L~~	0.65	1.0
trans-1,2-Dichloroethene	1.7		0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: PZ-LSAS-4

Lab Sample ID: 660-20926-21
Client Matrix: Water

Date Sampled: 01/31/2008 1220
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 2256
Date Prepared: 02/13/2008 2256

Analysis Batch: 660-57631

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1334.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	4100	EJ-L	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	1.7		0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	113	77 - 122
4-Bromofluorobenzene	107	74 - 126
Dibromofluoromethane	104	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **PZ-LSAS-4**

Lab Sample ID: 660-20926-21
Client Matrix: Water

Date Sampled: 01/31/2008 1220
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 100
Date Analyzed: 02/18/2008 2235
Date Prepared: 02/18/2008 2235

Analysis Batch: 660-57963

Run Type: DL

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1831.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
cis-1,2-Dichloroethene	560	~~Q~~ D	65	100
Trichloroethene	3800	~~Q~~ D	50	100

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: PZ-LSAS-5

Lab Sample ID: 660-20926-22
Client Matrix: Water

Date Sampled: 01/31/2008 1325
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 1856
Date Prepared: 02/14/2008 1856

Analysis Batch: 660-57981

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1421.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	18		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	110		0.45	1.0
cis-1,2-Dichloroethene	690	EJ	0.65	1.0
trans-1,2-Dichloroethene	2.1		0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: PZ-LSAS-5

Lab Sample ID: 660-20926-22
Client Matrix: Water

Date Sampled: 01/31/2008 1325
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 1856
Date Prepared: 02/14/2008 1856

Analysis Batch: 660-57981

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1421.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	~~2100~~ 3400	~~L~~ DJ	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	4.6		0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	114	77 - 122
4-Bromofluorobenzene	96	74 - 126
Dibromofluoromethane	105	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **PZ-LSAS-5**

Lab Sample ID: 660-20926-22
Client Matrix: Water

Date Sampled: 01/31/2008 1325
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 50
Date Analyzed: 02/21/2008 2155
Date Prepared: 02/21/2008 2155

Analysis Batch: 660-58090

Run Type: DL

Instrument ID: BVMH GC/MS
Lab File ID: 1HB2123.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
cis-1,2-Dichloroethene	290	Q b	33	50
Trichloroethene	3400	Q b	25	50

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **PZ-LSAS-6**

Lab Sample ID: 660-20926-23
Client Matrix: Water

Date Sampled: 01/31/2008 1425
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 1919
Date Prepared: 02/14/2008 1919

Analysis Batch: 660-57981

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1422.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	33		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	150		0.45	1.0
cis-1,2-Dichloroethene	510	EJ L	0.65	1.0
trans-1,2-Dichloroethene	1.6		0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **PZ-LSAS-6**

Lab Sample ID: 660-20926-23
Client Matrix: Water

Date Sampled: 01/31/2008 1425
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 1919
Date Prepared: 02/14/2008 1919

Analysis Batch: 660-57981

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1422.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	3.1		0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	~~2500~~ 8100	~~E~~ DJ	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	4.8		0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	109	77 - 122
4-Bromofluorobenzene	93	74 - 126
Dibromofluoromethane	99	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **PZ-LSAS-6**

Lab Sample ID: 660-20926-23
Client Matrix: Water

Date Sampled: 01/31/2008 1425
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 100
Date Analyzed: 02/25/2008 2357
Date Prepared: 02/25/2008 2357

Analysis Batch: 660-58229

Instrument ID: BVMH GC/MS
Lab File ID: 1HB2532.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
cis-1,2-Dichloroethene	120	~~Q~~ D	65	100
Trichloroethene	8900	~~Q~~ D	50	100

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: PZ-LSAS-7

Lab Sample ID: 660-20926-24
Client Matrix: Water

Date Sampled: 01/31/2008 1250
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 1942
Date Prepared: 02/14/2008 1942

Analysis Batch: 660-57981

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1423.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	49		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	65		0.45	1.0
cis-1,2-Dichloroethene	480	EJ-L	0.65	1.0
trans-1,2-Dichloroethene	1.8		0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **PZ-LSAS-7**

Lab Sample ID: 660-20926-24
Client Matrix: Water

Date Sampled: 01/31/2008 1250
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 1942
Date Prepared: 02/14/2008 1942

Analysis Batch: 660-57981

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1423.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	6.3		0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.97	I	0.47	1.0
Trichloroethene	~~1900~~ 2300	E D	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	1.9		0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	116	77 - 122
4-Bromofluorobenzene	95	74 - 126
Dibromofluoromethane	107	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **PZ-LSAS-7**

Lab Sample ID: 660-20926-24
Client Matrix: Water

Date Sampled: 01/31/2008 1250
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 50
Date Analyzed: 02/21/2008 2242
Date Prepared: 02/21/2008 2242

Analysis Batch: 660-58090

Run Type: DL

Instrument ID: BVMH GC/MS
Lab File ID: 1HB2125.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
cis-1,2-Dichloroethene	70	D	33	50
Trichloroethene	2300	D	25	50

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **Dup-30**

Lab Sample ID: 660-20926-25
Client Matrix: Water

Date Sampled: 01/31/2008 0000
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 2005
Date Prepared: 02/14/2008 2005

Analysis Batch: 660-57981

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1424.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: Dup-30

Lab Sample ID: 660-20926-25
Client Matrix: Water

Date Sampled: 01/31/2008 0000
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 2005
Date Prepared: 02/14/2008 2005

Analysis Batch: 660-57981

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1424.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	112	77 - 122
4-Bromofluorobenzene	90	74 - 126
Dibromofluoromethane	100	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **EB-30**

Lab Sample ID: 660-20926-26
Client Matrix: Water

Date Sampled: 01/31/2008 1554
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 2028
Date Prepared: 02/14/2008 2028

Analysis Batch: 660-57981

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1425.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: EB-30

Lab Sample ID: 660-20926-26
Client Matrix: Water

Date Sampled: 01/31/2008 1554
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 2028
Date Prepared: 02/14/2008 2028

Analysis Batch: 660-57981

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1425.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	114	77 - 122
4-Bromofluorobenzene	96	74 - 126
Dibromofluoromethane	100	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: TB-30

Lab Sample ID: 660-20926-27
Client Matrix: Water

Date Sampled: 01/31/2008 0000
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 2051
Date Prepared: 02/14/2008 2051

Analysis Batch: 660-57981

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1426.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: TB-30

Lab Sample ID: 660-20926-27
Client Matrix: Water

Date Sampled: 01/31/2008 0000
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 2051
Date Prepared: 02/14/2008 2051

Analysis Batch: 660-57981

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1426.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	110	77 - 122
4-Bromofluorobenzene	90	74 - 126
Dibromofluoromethane	98	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **Dup-27**

Lab Sample ID: 660-20926-28
Client Matrix: Water

Date Sampled: 01/31/2008 0000
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 2114
Date Prepared: 02/14/2008 2114

Analysis Batch: 660-57981

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1427.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **Dup-27**

Lab Sample ID: 660-20926-28
Client Matrix: Water

Date Sampled: 01/31/2008 0000
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 2114
Date Prepared: 02/14/2008 2114

Analysis Batch: 660-57981

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1427.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	109	77 - 122
4-Bromofluorobenzene	93	74 - 126
Dibromofluoromethane	102	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **EB-27**

Lab Sample ID: 660-20926-29
Client Matrix: Water

Date Sampled: 01/31/2008 1550
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 2137
Date Prepared: 02/14/2008 2137

Analysis Batch: 660-57981

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1428.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: EB-27

Lab Sample ID: 660-20926-29
Client Matrix: Water

Date Sampled: 01/31/2008 1550
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 2137
Date Prepared: 02/14/2008 2137

Analysis Batch: 660-57981

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1428.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	107	77 - 122
4-Bromofluorobenzene	93	74 - 126
Dibromofluoromethane	100	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: MW-40

Lab Sample ID: 660-20926-30
Client Matrix: Water

Date Sampled: 01/31/2008 1150
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 2200
Date Prepared: 02/14/2008 2200

Analysis Batch: 660-57981

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1429.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	30		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	25		0.45	1.0
cis-1,2-Dichloroethene	8.2		0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-40**

Lab Sample ID: 660-20926-30
Client Matrix: Water

Date Sampled: 01/31/2008 1150
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 2200
Date Prepared: 02/14/2008 2200

Analysis Batch: 660-57981

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1429.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	160	E) ~~L~~	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	970	E) ~~L~~	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	1.4		0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	116	77 - 122
4-Bromofluorobenzene	99	74 - 126
Dibromofluoromethane	106	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-40**

Lab Sample ID: 660-20926-30
Client Matrix: Water

Date Sampled: 01/31/2008 1150
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 20
Date Analyzed: 02/21/2008 2305
Date Prepared: 02/21/2008 2305

Analysis Batch: 660-58090
Run Type: DL

Instrument ID: BVMH GC/MS
Lab File ID: 1HB2126.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Tetrachloroethene	150	~~Q~~ D	10	20
Trichloroethene	880	~~Q~~ D	10	20

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-41**

Lab Sample ID: 660-20926-31
Client Matrix: Water

Date Sampled: 01/31/2008 1111
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 2223
Date Prepared: 02/14/2008 2223

Analysis Batch: 660-57981

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1430.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	22		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	68		0.45	1.0
cis-1,2-Dichloroethene	96		0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-41**

Lab Sample ID: 660-20926-31
Client Matrix: Water

Date Sampled: 01/31/2008 1111
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 2223
Date Prepared: 02/14/2008 2223

Analysis Batch: 660-57981

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1430.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.59	I	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	250	EJ ~~E~~	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.68	I	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	118	77 - 122
4-Bromofluorobenzene	95	74 - 126
Dibromofluoromethane	103	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-41**

Lab Sample ID: 660-20926-31
Client Matrix: Water

Date Sampled: 01/31/2008 1111
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 20
Date Analyzed: 02/21/2008 2328
Date Prepared: 02/21/2008 2328

Analysis Batch: 660-58090

Run Type: DL

Instrument ID: BVMH GC/MS
Lab File ID: 1HB2127.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Trichloroethene	190	~~Q~~ D	10	20

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-33**

Lab Sample ID: 660-20926-32
Client Matrix: Water

Date Sampled: 01/31/2008 1020
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 2246
Date Prepared: 02/14/2008 2246

Analysis Batch: 660-57981

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1431.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	160	~~U~~ EJ	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	~~570~~ 580	~~U~~ DJ	0.45	1.0
cis-1,2-Dichloroethene	22	J	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: MW-33

Lab Sample ID: 660-20926-32
Client Matrix: Water

Date Sampled: 01/31/2008 1020
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 2246
Date Prepared: 02/14/2008 2246

Analysis Batch: 660-57981

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1431.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	140	J	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	410	~~E~~ EJ	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	4.4	J	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec		Acceptance Limits
Toluene-d8 (Surr)	125	J1	77 - 122
4-Bromofluorobenzene	95		74 - 126
Dibromofluoromethane	107		70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-33**

Lab Sample ID: 660-20926-32
Client Matrix: Water

Date Sampled: 01/31/2008 1020
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 20
Date Analyzed: 02/21/2008 2351
Date Prepared: 02/21/2008 2351

Analysis Batch: 660-58090

Run Type: DL

Instrument ID: BVMH GC/MS
Lab File ID: 1HB2128.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1-Dichloroethane	140	~~Q~~ D	10	20
1,1-Dichloroethene	580	~~Q~~	9.0	20
Trichloroethene	290	~~Q~~	10	20

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **EW-102**

Lab Sample ID: 660-20926-33
Client Matrix: Water

Date Sampled: 01/31/2008 1652
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 2309
Date Prepared: 02/14/2008 2309

Analysis Batch: 660-57981

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1432.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	6.3		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	55		0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **EW-102**

Lab Sample ID: 660-20926-33
Client Matrix: Water

Date Sampled: 01/31/2008 1652
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 2309
Date Prepared: 02/14/2008 2309

Analysis Batch: 660-57981

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1432.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	1.8		0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	73		0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	111	77 - 122
4-Bromofluorobenzene	90	74 - 126
Dibromofluoromethane	100	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: EW-107

Lab Sample ID: 660-20926-34
Client Matrix: Water

Date Sampled: 01/31/2008 1600
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 2332
Date Prepared: 02/14/2008 2332

Analysis Batch: 660-57981

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1433.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: EW-107

Lab Sample ID: 660-20926-34
Client Matrix: Water

Date Sampled: 01/31/2008 1600
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 2332
Date Prepared: 02/14/2008 2332

Analysis Batch: 660-57981

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1433.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.52	I	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	6.1		0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	6.4		0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	111	77 - 122
4-Bromofluorobenzene	92	74 - 126
Dibromofluoromethane	99	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **EW-108**

Lab Sample ID: 660-20926-35
Client Matrix: Water

Date Sampled: 01/31/2008 1447
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 2355
Date Prepared: 02/14/2008 2355

Analysis Batch: 660-57981

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1434.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	46		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	140		0.45	1.0
cis-1,2-Dichloroethene	930	EJ	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **EW-108**

Lab Sample ID: 660-20926-35
Client Matrix: Water

Date Sampled: 01/31/2008 1447
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 2355
Date Prepared: 02/14/2008 2355

Analysis Batch: 660-57981

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1434.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.90	I	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	78		0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	2.5		0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	57	U	9.9	20
2-Butanone (MEK)	30		8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	100	E)	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	110	77 - 122
4-Bromofluorobenzene	84	74 - 126
Dibromofluoromethane	98	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: EW-108

Lab Sample ID: 660-20926-35
Client Matrix: Water

Date Sampled: 01/31/2008 1447
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 20
Date Analyzed: 02/22/2008 0014
Date Prepared: 02/22/2008 0014

Analysis Batch: 660-58090
Run Type: DL

Instrument ID: BVMH GC/MS
Lab File ID: 1HB2129.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
cis-1,2-Dichloroethene	460	~~Q~~ D	13	20
Carbon disulfide	85	~~Q~~ D	17	20

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-10**

Lab Sample ID: 660-20926-36
Client Matrix: Water

Date Sampled: 01/31/2008 1030
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 1702
Date Prepared: 02/14/2008 1702

Analysis Batch: 660-58025

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1419.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	2.7		0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	5.3		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	1.0		0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: MW-10

Lab Sample ID: 660-20926-36
Client Matrix: Water

Date Sampled: 01/31/2008 1030
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 1702
Date Prepared: 02/14/2008 1702

Analysis Batch: 660-58025

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1419.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	1.5		0.50	1.0
Toluene	1.5		0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	1.8		0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	95	77 - 122
4-Bromofluorobenzene	105	74 - 126
Dibromofluoromethane	90	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-36**

Lab Sample ID: 660-20926-37
Client Matrix: Water

Date Sampled: 01/31/2008 1120
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 1727
Date Prepared: 02/14/2008 1727

Analysis Batch: 660-58025

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1420.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	3.1		0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	20		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	54		0.45	1.0
cis-1,2-Dichloroethene	5.8		0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: MW-36

Lab Sample ID: 660-20926-37
Client Matrix: Water

Date Sampled: 01/31/2008 1120
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 1727
Date Prepared: 02/14/2008 1727

Analysis Batch: 660-58025

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1420.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	1.3		0.50	1.0
Toluene	1.6		0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	190	E	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	105	77 - 122
4-Bromofluorobenzene	114	74 - 126
Dibromofluoromethane	101	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-36**

Lab Sample ID: 660-20926-37
Client Matrix: Water

Date Sampled: 01/31/2008 1120
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 5.0
Date Analyzed: 02/22/2008 0037
Date Prepared: 02/22/2008 0037

Analysis Batch: 660-58090
Run Type: DL

Instrument ID: BVMH GC/MS
Lab File ID: 1HB2130.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Trichloroethene	130	D	2.5	5.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: MW-37

Lab Sample ID: 660-20926-38
Client Matrix: Water

Date Sampled: 01/31/2008 1038
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 1749
Date Prepared: 02/14/2008 1749

Analysis Batch: 660-58025

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1421.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	49		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	230	~~U~~ DJ	0.45	1.0
cis-1,2-Dichloroethene	420	~~U~~ EJ	0.65	1.0
trans-1,2-Dichloroethene	1.8		0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-37**

Lab Sample ID: 660-20926-38
Client Matrix: Water

Date Sampled: 01/31/2008 1038
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 1749
Date Prepared: 02/14/2008 1749

Analysis Batch: 660-58025

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1421.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	24		0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	~~4500~~ 9400	~~L~~ DJ	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	12		0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	104	77 - 122
4-Bromofluorobenzene	115	74 - 126
Dibromofluoromethane	102	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-37**

Lab Sample ID: 660-20926-38
Client Matrix: Water

Date Sampled: 01/31/2008 1038
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 100
Date Analyzed: 02/19/2008 1809
Date Prepared: 02/19/2008 1809

Analysis Batch: 660-57968

Run Type: DL

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1923.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1-Dichloroethene	230	~~Q~~ D	45	100
cis-1,2-Dichloroethene	400	~~Q~~	65	100
Trichloroethene	9400	~~Q~~	50	100

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-127**

Lab Sample ID: 660-20926-39
Client Matrix: Water

Date Sampled: 01/31/2008 1221
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 1811
Date Prepared: 02/14/2008 1811

Analysis Batch: 660-58025

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1422.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	34		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	~~240~~ 270	+ DJ	0.45	1.0
cis-1,2-Dichloroethene	100		0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-127**

Lab Sample ID: 660-20926-39
Client Matrix: Water

Date Sampled: 01/31/2008 1221
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 1811
Date Prepared: 02/14/2008 1811

Analysis Batch: 660-58025

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1422.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	3.3		0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	~~3200~~ 3300	~~E~~ DJ	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	2.4		0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	101	77 - 122
4-Bromofluorobenzene	104	74 - 126
Dibromofluoromethane	95	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-127**

Lab Sample ID: 660-20926-39
Client Matrix: Water

Date Sampled: 01/31/2008 1221
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 50
Date Analyzed: 02/19/2008 1831
Date Prepared: 02/19/2008 1831

Analysis Batch: 660-57968

Run Type: DL

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1924.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1-Dichloroethene	270	~~Q~~ D	23	50
Trichloroethene	3300	~~Q~~ D	25	50

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-128**

Lab Sample ID: 660-20926-40
Client Matrix: Water

Date Sampled: 01/31/2008 1220
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 1834
Date Prepared: 02/14/2008 1834

Analysis Batch: 660-58025

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1423.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	2.3		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	3.6		0.45	1.0
cis-1,2-Dichloroethene	2.5		0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-128**

Lab Sample ID: 660-20926-40
Client Matrix: Water

Date Sampled: 01/31/2008 1220
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 1834
Date Prepared: 02/14/2008 1834

Analysis Batch: 660-58025

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1423.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	1.5		0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	34		0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	~~11~~ 20	~~J~~ U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.99	I	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	105	77 - 122
4-Bromofluorobenzene	108	74 - 126
Dibromofluoromethane	101	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **Dup-28**

Lab Sample ID: 660-20926-41
Client Matrix: Water

Date Sampled: 01/31/2008 0000
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 1856
Date Prepared: 02/14/2008 1856

Analysis Batch: 660-58025

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1424.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	2.6		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	4.0		0.45	1.0
cis-1,2-Dichloroethene	2.5		0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **Dup-28**

Lab Sample ID: 660-20926-41
Client Matrix: Water

Date Sampled: 01/31/2008 0000
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 1856
Date Prepared: 02/14/2008 1856

Analysis Batch: 660-58025

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1424.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	1.5		0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	35		0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	~~11~~ 20	+ U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	1.3		0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	112	77 - 122
4-Bromofluorobenzene	116	74 - 126
Dibromofluoromethane	101	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: EB-28

Lab Sample ID: 660-20926-42
Client Matrix: Water

Date Sampled: 01/31/2008 0000
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 1918
Date Prepared: 02/14/2008 1918

Analysis Batch: 660-58025

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1425.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: EB-28

Lab Sample ID: 660-20926-42
Client Matrix: Water

Date Sampled: 01/31/2008 0000
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 1918
Date Prepared: 02/14/2008 1918

Analysis Batch: 660-58025

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1425.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.73	I	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	31		9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	102	77 - 122
4-Bromofluorobenzene	105	74 - 126
Dibromofluoromethane	91	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **TB-28**

Lab Sample ID: 660-20926-43
Client Matrix: Water

Date Sampled: 01/31/2008 0000
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 1941
Date Prepared: 02/14/2008 1941

Analysis Batch: 660-58025

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1426.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **TB-28**

Lab Sample ID: 660-20926-43
Client Matrix: Water

Date Sampled: 01/31/2008 0000
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 1941
Date Prepared: 02/14/2008 1941

Analysis Batch: 660-58025

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1426.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	113	77 - 122
4-Bromofluorobenzene	117	74 - 126
Dibromofluoromethane	103	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **Dup-29**

Lab Sample ID: 660-20926-44
Client Matrix: Water

Date Sampled: 01/31/2008 0000
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 2003
Date Prepared: 02/14/2008 2003

Analysis Batch: 660-58025

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1427.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **Dup-29**

Lab Sample ID: 660-20926-44
Client Matrix: Water

Date Sampled: 01/31/2008 0000
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 2003
Date Prepared: 02/14/2008 2003

Analysis Batch: 660-58025

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1427.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	4.2		0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	5.1		0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	105	77 - 122
4-Bromofluorobenzene	106	74 - 126
Dibromofluoromethane	98	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **EB-29**

Lab Sample ID: 660-20926-45
Client Matrix: Water

Date Sampled: 01/31/2008 1655
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 2026
Date Prepared: 02/14/2008 2026

Analysis Batch: 660-58025

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1428.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: EB-29

Lab Sample ID: 660-20926-45
Client Matrix: Water

Date Sampled: 01/31/2008 1655
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 2026
Date Prepared: 02/14/2008 2026

Analysis Batch: 660-58025

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1428.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	102	77 - 122
4-Bromofluorobenzene	101	74 - 126
Dibromofluoromethane	95	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **TB-29**

Lab Sample ID: 660-20926-46
Client Matrix: Water

Date Sampled: 01/31/2008 0000
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 2048
Date Prepared: 02/14/2008 2048

Analysis Batch: 660-58025

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1429.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: TB-29

Lab Sample ID: 660-20926-46
Client Matrix: Water

Date Sampled: 01/31/2008 0000
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 2048
Date Prepared: 02/14/2008 2048

Analysis Batch: 660-58025

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1429.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	110	77 - 122
4-Bromofluorobenzene	110	74 - 126
Dibromofluoromethane	98	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **Private Well 85**

Lab Sample ID: 660-20926-47
Client Matrix: Water

Date Sampled: 01/31/2008 1505
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 2110
Date Prepared: 02/14/2008 2110

Analysis Batch: 660-58025

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1430.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.55	I	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **Private Well 85**

Lab Sample ID: 660-20926-47
Client Matrix: Water

Date Sampled: 01/31/2008 1505
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 2110
Date Prepared: 02/14/2008 2110

Analysis Batch: 660-58025

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1430.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	1.3		0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	104	77 - 122
4-Bromofluorobenzene	110	74 - 126
Dibromofluoromethane	102	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-19**

Lab Sample ID: 660-20926-48
Client Matrix: Water

Date Sampled: 01/31/2008 1643
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 2133
Date Prepared: 02/14/2008 2133

Analysis Batch: 660-58025

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1431.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: MW-19

Lab Sample ID: 660-20926-48
Client Matrix: Water

Date Sampled: 01/31/2008 1643
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 2133
Date Prepared: 02/14/2008 2133

Analysis Batch: 660-58025

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1431.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	112	77 - 122
4-Bromofluorobenzene	114	74 - 126
Dibromofluoromethane	108	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-252**

Lab Sample ID: 660-20926-49
Client Matrix: Water

Date Sampled: 01/31/2008 1617
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 2155
Date Prepared: 02/14/2008 2155

Analysis Batch: 660-58025

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1432.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-252**

Lab Sample ID: 660-20926-49
Client Matrix: Water

Date Sampled: 01/31/2008 1617
Date Received: 02/01/2008 1000

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 2155
Date Prepared: 02/14/2008 2155

Analysis Batch: 660-58025

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1432.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	104	77 - 122
4-Bromofluorobenzene	104	74 - 126
Dibromofluoromethane	98	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-249**

Lab Sample ID: 660-20926-1
Client Matrix: Water

Date Sampled: 01/31/2008 1428
Date Received: 02/01/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1512
Date Prepared: 02/13/2008 1512

Analysis Batch: 660-58006

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1254.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-250**

Lab Sample ID: 660-20926-2
Client Matrix: Water

Date Sampled: 01/31/2008 1410
Date Received: 02/01/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1534
Date Prepared: 02/13/2008 1534

Analysis Batch: 660-58006

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1255.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	15		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-214**

Lab Sample ID: 660-20926-3
Client Matrix: Water

Date Sampled: 01/31/2008 1535
Date Received: 02/01/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1557
Date Prepared: 02/13/2008 1557

Analysis Batch: 660-58006

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1256.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-215**

Lab Sample ID: 660-20926-4
Client Matrix: Water

Date Sampled: 01/31/2008 1545
Date Received: 02/01/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1619
Date Prepared: 02/13/2008 1619

Analysis Batch: 660-58006

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1257.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-216**

Lab Sample ID: 660-20926-5
Client Matrix: Water

Date Sampled: 01/31/2008 1525
Date Received: 02/01/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1641
Date Prepared: 02/13/2008 1641

Analysis Batch: 660-58006

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1258.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-217**

Lab Sample ID: 660-20926-6
Client Matrix: Water

Date Sampled: 01/31/2008 1625
Date Received: 02/01/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1704
Date Prepared: 02/13/2008 1704

Analysis Batch: 660-58006

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1259.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-234**

Lab Sample ID: 660-20926-7
Client Matrix: Water

Date Sampled: 01/31/2008 1100
Date Received: 02/01/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1726
Date Prepared: 02/13/2008 1726

Analysis Batch: 660-58006

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1260.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-235**

Lab Sample ID: 660-20926-8
Client Matrix: Water

Date Sampled: 01/31/2008 1150
Date Received: 02/01/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1748
Date Prepared: 02/13/2008 1748

Analysis Batch: 660-58006

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1261.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-236**

Lab Sample ID: 660-20926-9
Client Matrix: Water

Date Sampled: 01/31/2008 1108
Date Received: 02/01/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1811
Date Prepared: 02/13/2008 1811

Analysis Batch: 660-58006

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1262.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-237**

Lab Sample ID: 660-20926-10
Client Matrix: Water

Date Sampled: 01/31/2008 1100
Date Received: 02/01/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1833
Date Prepared: 02/13/2008 1833

Analysis Batch: 660-58006

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1263.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-238**

Lab Sample ID: 660-20926-11
Client Matrix: Water

Date Sampled: 01/31/2008 1116
Date Received: 02/01/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1855
Date Prepared: 02/13/2008 1855

Analysis Batch: 660-58006

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1264.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-213**

Lab Sample ID: 660-20926-12
Client Matrix: Water

Date Sampled: 01/31/2008 1546
Date Received: 02/01/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1918
Date Prepared: 02/13/2008 1918

Analysis Batch: 660-58005

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1265.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/22/2008 1714
Date Prepared: 02/22/2008 1714

Analysis Batch: 660-58129

Instrument ID: BVMH GC/MS
Lab File ID: 1HB2219.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U ~~Q~~ J	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-62**

Lab Sample ID: 660-20926-13
Client Matrix: Water

Date Sampled: 01/31/2008 1025
Date Received: 02/01/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 1952
Date Prepared: 02/13/2008 1952

Analysis Batch: 660-57632

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1326.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-92**

Lab Sample ID: 660-20926-14
Client Matrix: Water

Date Sampled: 01/31/2008 0920
Date Received: 02/01/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 2015
Date Prepared: 02/13/2008 2015

Analysis Batch: 660-57632

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1327.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-46**

Lab Sample ID: 660-20926-15
Client Matrix: Water

Date Sampled: 01/31/2008 1010
Date Received: 02/01/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 2038
Date Prepared: 02/13/2008 2038

Analysis Batch: 660-57632

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1328.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-63**

Lab Sample ID: 660-20926-16
Client Matrix: Water

Date Sampled: 01/31/2008 0955
Date Received: 02/01/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 2101
Date Prepared: 02/13/2008 2101

Analysis Batch: 660-57632

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1329.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	6.7		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-131**

Lab Sample ID: 660-20926-17
Client Matrix: Water

Date Sampled: 01/31/2008 0920
Date Received: 02/01/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 2124
Date Prepared: 02/13/2008 2124

Analysis Batch: 660-57632

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1330.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	2.9		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **PZ-LSAS-1**

Lab Sample ID: 660-20926-18
Client Matrix: Water

Date Sampled: 01/31/2008 1410
Date Received: 02/01/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 2147
Date Prepared: 02/13/2008 2147

Analysis Batch: 660-57632

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1331.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	660	ES L	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **PZ-LSAS-1**

Lab Sample ID: 660-20926-18
Client Matrix: Water

Date Sampled: 01/31/2008 1410
Date Received: 02/01/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 10
Date Analyzed: 02/15/2008 0437
Date Prepared: 02/15/2008 0437

Analysis Batch: 660-58015

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1450.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	470	D	10	10

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **PZ-LSAS-2**

Lab Sample ID: 660-20926-19
Client Matrix: Water

Date Sampled: 01/31/2008 1215
Date Received: 02/01/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/13/2008 2210
Date Prepared: 02/13/2008 2210

Analysis Batch: 660-57632

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1332.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	570	L	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: PZ-LSAS-2

Lab Sample ID: 660-20926-19
Client Matrix: Water

Date Sampled: 01/31/2008 1215
Date Received: 02/01/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 20
Date Analyzed: 02/18/2008 2151
Date Prepared: 02/18/2008 2151

Analysis Batch: 660-57964
Run Type: DL

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1829.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	580	Q DJ	20	20

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **PZ-LSAS-3**

Lab Sample ID: 660-20926-20
Client Matrix: Water

Date Sampled: 01/31/2008 1320
Date Received: 02/01/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 50
Date Analyzed: 02/14/2008 2217
Date Prepared: 02/14/2008 2217

Analysis Batch: 660-58019

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1433.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	100		50	50

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **PZ-LSAS-4**

Lab Sample ID: 660-20926-21
Client Matrix: Water

Date Sampled: 01/31/2008 1220
Date Received: 02/01/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 50
Date Analyzed: 02/14/2008 2240
Date Prepared: 02/14/2008 2240

Analysis Batch: 660-58019

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1434.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	580		50	50

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **PZ-LSAS-4**

Lab Sample ID: 660-20926-21
Client Matrix: Water

Date Sampled: 01/31/2008 1220
Date Received: 02/01/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 100
Date Analyzed: 02/18/2008 2235
Date Prepared: 02/18/2008 2235

Analysis Batch: 660-57964

Run Type: DL

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1831.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	600	~~Q~~ DJ	100	100

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: PZ-LSAS-5

Lab Sample ID: 660-20926-22
Client Matrix: Water

Date Sampled: 01/31/2008 1325
Date Received: 02/01/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 50
Date Analyzed: 02/21/2008 2155
Date Prepared: 02/21/2008 2155

Analysis Batch: 660-58089

Instrument ID: BVMH GC/MS
Lab File ID: 1HB2123.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	380	Q	50	50

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **PZ-LSAS-6**

Lab Sample ID: 660-20926-23
Client Matrix: Water

Date Sampled: 01/31/2008 1425
Date Received: 02/01/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 50
Date Analyzed: 02/21/2008 2218
Date Prepared: 02/21/2008 2218

Analysis Batch: 660-58089

Instrument ID: BVMH GC/MS
Lab File ID: 1HB2124.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	350	~~Q~~ J	50	50

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **PZ-LSAS-7**

Lab Sample ID: 660-20926-24
Client Matrix: Water

Date Sampled: 01/31/2008 1250
Date Received: 02/01/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 50
Date Analyzed: 02/21/2008 2242
Date Prepared: 02/21/2008 2242

Analysis Batch: 660-58089

Instrument ID: BVMH GC/MS
Lab File ID: 1HB2125.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	50	U ~~Q~~ J	50	50

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **Dup-30**

Lab Sample ID: 660-20926-25
Client Matrix: Water

Date Sampled: 01/31/2008 0000
Date Received: 02/01/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/18/2008 2257
Date Prepared: 02/18/2008 2257

Analysis Batch: 660-57964

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1832.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U Q	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **Dup-27**

Lab Sample ID: 660-20926-28
Client Matrix: Water

Date Sampled: 01/31/2008 0000
Date Received: 02/01/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/21/2008 0317
Date Prepared: 02/21/2008 0317

Analysis Batch: 660-58063

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB2036.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U Q	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **EB-27**

Lab Sample ID: 660-20926-29
Client Matrix: Water

Date Sampled: 01/31/2008 1550
Date Received: 02/01/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/21/2008 0339
Date Prepared: 02/21/2008 0339

Analysis Batch: 660-58063

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB2037.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U ~~Q~~	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-40**

Lab Sample ID: 660-20926-30
Client Matrix: Water

Date Sampled: 01/31/2008 1150
Date Received: 02/01/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 20
Date Analyzed: 02/21/2008 2305
Date Prepared: 02/21/2008 2305

Analysis Batch: 660-58089

Instrument ID: BVMH GC/MS
Lab File ID: 1HB2126.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	20	U Q	20	20

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: MW-41

Lab Sample ID: 660-20926-31
Client Matrix: Water

Date Sampled: 01/31/2008 1111
Date Received: 02/01/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 20
Date Analyzed: 02/21/2008 2328
Date Prepared: 02/21/2008 2328

Analysis Batch: 660-58089

Instrument ID: BVMH GC/MS
Lab File ID: 1HB2127.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	450	~~Q~~ J	20	20

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-33**

Lab Sample ID: 660-20926-32
Client Matrix: Water

Date Sampled: 01/31/2008 1020
Date Received: 02/01/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 20
Date Analyzed: 02/21/2008 2351
Date Prepared: 02/21/2008 2351

Analysis Batch: 660-58089

Instrument ID: BVMH GC/MS
Lab File ID: 1HB2128.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	590	Q	20	20

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **EW-102**

Lab Sample ID: 660-20926-33
Client Matrix: Water

Date Sampled: 01/31/2008 1652
Date Received: 02/01/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 2.0
Date Analyzed: 02/21/2008 0424
Date Prepared: 02/21/2008 0424

Analysis Batch: 660-58063

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB2039.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	120	DJ ~~Q~~	2.0	2.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **EW-107**

Lab Sample ID: 660-20926-34
Client Matrix: Water

Date Sampled: 01/31/2008 1600
Date Received: 02/01/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/21/2008 0401
Date Prepared: 02/21/2008 0401

Analysis Batch: 660-58063

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB2038.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U Q	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: EW-108

Lab Sample ID: 660-20926-35
Client Matrix: Water

Date Sampled: 01/31/2008 1447
Date Received: 02/01/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 20
Date Analyzed: 02/22/2008 0014
Date Prepared: 02/22/2008 0014

Analysis Batch: 660-58089

Instrument ID: BVMH GC/MS
Lab File ID: 1HB2129.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	540	Q	20	20

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-10**

Lab Sample ID: 660-20926-36
Client Matrix: Water

Date Sampled: 01/31/2008 1030
Date Received: 02/01/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 1702
Date Prepared: 02/14/2008 1702

Analysis Batch: 660-58019

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1419.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-36**

Lab Sample ID: 660-20926-37
Client Matrix: Water

Date Sampled: 01/31/2008 1120
Date Received: 02/01/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 1727
Date Prepared: 02/14/2008 1727

Analysis Batch: 660-58019

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1420.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	15		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-37**

Lab Sample ID: 660-20926-38
Client Matrix: Water

Date Sampled: 01/31/2008 1038
Date Received: 02/01/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 1749
Date Prepared: 02/14/2008 1749

Analysis Batch: 660-58019

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1421.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	300	L	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-37**

Lab Sample ID: 660-20926-38
Client Matrix: Water

Date Sampled: 01/31/2008 1038
Date Received: 02/01/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 100
Date Analyzed: 02/19/2008 1809
Date Prepared: 02/19/2008 1809

Analysis Batch: 660-57967

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1923.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	760	~~Q~~ DJ	100	100

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-127**

Lab Sample ID: 660-20926-39
Client Matrix: Water

Date Sampled: 01/31/2008 1221
Date Received: 02/01/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 1811
Date Prepared: 02/14/2008 1811

Analysis Batch: 660-58019

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1422.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	200	L	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-127**

Lab Sample ID: 660-20926-39
Client Matrix: Water

Date Sampled: 01/31/2008 1221
Date Received: 02/01/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 50
Date Analyzed: 02/19/2008 1831
Date Prepared: 02/19/2008 1831

Analysis Batch: 660-57967

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1924.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	300	Q D J	50	50

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-128**

Lab Sample ID: 660-20926-40
Client Matrix: Water

Date Sampled: 01/31/2008 1220
Date Received: 02/01/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 1834
Date Prepared: 02/14/2008 1834

Analysis Batch: 660-58019

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1423.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	7.2		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **Dup-28**

Lab Sample ID: 660-20926-41
Client Matrix: Water

Date Sampled: 01/31/2008 0000
Date Received: 02/01/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 1856
Date Prepared: 02/14/2008 1856

Analysis Batch: 660-58019

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1424.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	7.6		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **EB-28**

Lab Sample ID: 660-20926-42
Client Matrix: Water

Date Sampled: 01/31/2008 0000
Date Received: 02/01/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 1918
Date Prepared: 02/14/2008 1918

Analysis Batch: 660-58019

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1425.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **TB-28**

Lab Sample ID: 660-20926-43
Client Matrix: Water

Date Sampled: 01/31/2008 0000
Date Received: 02/01/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 1941
Date Prepared: 02/14/2008 1941

Analysis Batch: 660-58019

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1426.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **Dup-29**

Lab Sample ID: 660-20926-44
Client Matrix: Water

Date Sampled: 01/31/2008 0000
Date Received: 02/01/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 2003
Date Prepared: 02/14/2008 2003

Analysis Batch: 660-58019

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1427.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **EB-29**

Lab Sample ID: 660-20926-45
Client Matrix: Water

Date Sampled: 01/31/2008 1655
Date Received: 02/01/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 2026
Date Prepared: 02/14/2008 2026

Analysis Batch: 660-58019

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1428.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **TB-29**

Lab Sample ID: 660-20926-46
Client Matrix: Water

Date Sampled: 01/31/2008 0000
Date Received: 02/01/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 2048
Date Prepared: 02/14/2008 2048

Analysis Batch: 660-58019

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1429.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **Private Well 85**

Lab Sample ID: 660-20926-47
Client Matrix: Water

Date Sampled: 01/31/2008 1505
Date Received: 02/01/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 2110
Date Prepared: 02/14/2008 2110

Analysis Batch: 660-58019

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1430.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	22		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-19**

Lab Sample ID: 660-20926-48
Client Matrix: Water

Date Sampled: 01/31/2008 1643
Date Received: 02/01/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 2133
Date Prepared: 02/14/2008 2133

Analysis Batch: 660-58019

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1431.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20926-1
Sdg Number: 660-20926

Client Sample ID: **MW-252**

Lab Sample ID: 660-20926-49
Client Matrix: Water

Date Sampled: 01/31/2008 1617
Date Received: 02/01/2008 1000

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2008 2155
Date Prepared: 02/14/2008 2155

Analysis Batch: 660-58019

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1432.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

SAMPLE COMPLIANCE REPORT

SAMPLE COMPLIANCE REPORT

Sample Delivery Group	Sampling Date	Protocol	Sample ID	Matrix	Compliancy[1]					Noncompliance
					VOC	SVOC	PCB/PEST/ HERB	MET	MISC	
660-20926	1/31/2008	SW-846	MW-249	Water	No	--	--	--	--	VOC – CCAL %D
660-20926	1/31/2008	SW-846	MW-237	Water	No	--	--	--	--	VOC – CCAL %D
660-20926	1/31/2008	SW-846	MW-238	Water	No	--	--	--	--	VOC – CCAL %D, Associated Blank
660-20926	1/31/2008	SW-846	MW-213	Water	No	--	--	--	--	VOC – CCAL %D, Holding Time
660-20926	1/31/2008	SW-846	MW-62	Water	Yes	--	--	--	--	
660-20926	1/31/2008	SW-846	MW-92	Water	Yes	--	--	--	--	
660-20926	1/31/2008	SW-846	MW-46	Water	Yes	--	--	--	--	
660-20926	1/31/2008	SW-846	MW-63	Water	Yes	--	--	--	--	
660-20926	1/31/2008	SW-846	MW-131	Water	No	--	--	--	--	VOC – Associated Blank
660-20926	1/31/2008	SW-846	PZ-LSAS-1	Water	No	--	--	--	--	VOC – Calibration Range
660-20926	1/31/2008	SW-846	PZ-LSAS-2	Water	No	--	--	--	--	VOC – Calibration Range, Holding Time
660-20926	1/31/2008	SW-846	MW-250	Water	No	--	--	--	--	VOC – CCAL %D
660-20926	1/31/2008	SW-846	PZ-LSAS-3	Water	No	--	--	--	--	VOC – Calibration Range
660-20926	1/31/2008	SW-846	PZ-LSAS-4	Water	No	--	--	--	--	VOC – Calibration Range, Holding Time
660-20926	1/31/2008	SW-846	PZ-LSAS-5	Water	No	--	--	--	--	VOC – Calibration Range, Holding Time
660-20926	1/31/2008	SW-846	PZ-LSAS-6	Water	No	--	--	--	--	VOC – Calibration Range, Holding Time
660-20926	1/31/2008	SW-846	PZ-LSAS-7	Water	No	--	--	--	--	VOC – Calibration Range, Holding Time
660-20926	1/31/2008	SW-846	Dup-30	Water	No	--	--	--	--	VOC – Holding Time
660-20926	1/31/2008	SW-846	EB-30	Water	Yes	--	--	--	--	
660-20926	1/31/2008	SW-846	TB-30	Water	Yes	--	--	--	--	
660-20926	1/31/2008	SW-846	Dup-27	Water	No	--	--	--	--	VOC – Holding Time
660-20926	1/31/2008	SW-846	EB-27	Water	No	--	--	--	--	VOC – Holding Time
660-20926	1/31/2008	SW-846	MW-214	Water	No	--	--	--	--	VOC – CCAL %D

Sample Delivery Group	Sampling Date	Protocol	Sample ID	Matrix	Compliancy[1]					Noncompliance
					VOC	SVOC	PCB/PEST/ HERB	MET	MISC	
660-20926	1/31/2008	SW-846	MW-40	Water	No	--	--	--	--	VOC – Calibration Range, Holding Time
660-20926	1/31/2008	SW-846	MW-41	Water	No	--	--	--	--	VOC – Calibration Range, Holding Time
660-20926	1/31/2008	SW-846	MW-33	Water	No	--	--	--	--	VOC – Calibration Range, Holding Time, Surrogate %Recovery
660-20926	1/31/2008	SW-846	EW-102	Water	No	--	--	--	--	VOC – Associated Blank, Holding Time
660-20926	1/31/2008	SW-846	EW-107	Water	No	--	--	--	--	VOC – Holding Time
660-20926	1/31/2008	SW-846	EW-108	Water	No	--	--	--	--	VOC – Associated Blank, Calibration Range, Holding Time
660-20926	1/31/2008	SW-846	MW-10	Water	No	--	--	--	--	VOC – Associated Blank
660-20926	1/31/2008	SW-846	MW-36	Water	No	--	--	--	--	VOC – Calibration Range
660-20926	1/31/2008	SW-846	MW-37	Water	No	--	--	--	--	VOC – Calibration Range, Holding Time
660-20926	1/31/2008	SW-846	MW-127	Water	No	--	--	--	--	VOC – Holding Time
660-20926	1/31/2008	SW-846	MW-215	Water	No	--	--	--	--	VOC – CCAL %D
660-20926	1/31/2008	SW-846	MW-128	Water	No	--	--	--	--	VOC – Associated Blank
660-20926	1/31/2008	SW-846	Dup-28	Water	No	--	--	--	--	VOC – Associated Blank
660-20926	1/31/2008	SW-846	EB-28	Water	Yes	--	--	--	--	
660-20926	1/31/2008	SW-846	TB-28	Water	Yes	--	--	--	--	
660-20926	1/31/2008	SW-846	Dup-29	Water	Yes	--	--	--	--	
660-20926	1/31/2008	SW-846	EB-29	Water	Yes	--	--	--	--	
660-20926	1/31/2008	SW-846	TB-29	Water	Yes	--	--	--	--	
660-20926	1/31/2008	SW-846	Private Well 85	Water	Yes	--	--	--	--	
660-20926	1/31/2008	SW-846	MW-19	Water	Yes	--	--	--	--	
660-20926	1/31/2008	SW-846	MW-252	Water	Yes	--	--	--	--	
660-20926	1/31/2008	SW-846	MW-216	Water	No	--	--	--	--	VOC – CCAL %D
660-20926	1/31/2008	SW-846	MW-217	Water	No	--	--	--	--	VOC – CCAL %D
660-20926	1/31/2008	SW-846	MW-234	Water	No	--	--	--	--	VOC – CCAL %D

Sample Delivery Group	Sampling Date	Protocol	Sample ID	Matrix	Compliancy[1]					Noncompliance
					VOC	SVOC	PCB/PEST/ HERB	MET	MISC	
660-20926	1/31/2008	SW-846	MW-235	Water	No	--	--	--	--	VOC – CCAL %D
660-20926	1/31/2008	SW-846	MW-236	Water	No	--	--	--	--	VOC – CCAL %D

1 Samples which are compliant with no added validation qualifiers are listed as "yes". Samples which are non-compliant or which have added qualifiers are listed as "no". A "no" designation does not necessarily indicate that the data have been rejected or are otherwise unusable.

ARCADIS

Attachment 8

DATA REVIEW FOR

LOCKHEED MARTIN - TALLEVAST

TALLEVAST, FLORIDA

SDG #660-20941

VOLATILE ANALYSES

Analyses performed by:

TestAmerica Laboratories
Tampa, Florida

Review performed by:

ARCADIS
Infrastructure, environment, facilities

Syracuse, New York
Report #8130R

Summary

The following is an assessment of the data package for sample delivery group (SDG) #660-20941 for sampling from the Lockheed Martin - Tallevast Site. Included with this assessment are the corrected sample results and the sample compliance report. Analyses were performed on the following samples:

Sample ID	Lab ID	Matrix	Sample Date	Analysis				
				VOC	SVOC	PCB	MET	MISC
MW-202	660-20941-1	Water	2/1/2008	X				
MW-39	660-20941-10	Water	2/1/2008	X				
MW-253	660-20941-11	Water	2/1/2008	X				
MW-254	660-20941-12	Water	2/1/2008	X				
MW-8D	660-20941-13	Water	2/1/2008	X				
MW-123	660-20941-14	Water	2/1/2008	X				
RW-1	660-20941-15	Water	2/1/2008	X				
Dup-31	660-20941-16	Water	2/1/2008	X				
EB-31	660-20941-17	Water	2/1/2008	X				
TB-31	660-20941-18	Water	2/1/2008	X				
Private Well 7	660-20941-19	Water	2/1/2008	X				
MW-134	660-20941-2	Water	2/1/2008	X				
Private Well 57	660-20941-20	Water	2/1/2008	X				
Private Well 59	660-20941-21	Water	2/1/2008	X				
Private Well 38	660-20941-22	Water	2/1/2008	X				
Private Well 102	660-20941-23	Water	2/1/2008	X				
TB-32	660-20941-24	Water	2/1/2008	X				
DW-1	660-20941-3	Water	2/1/2008	X				
MW-42	660-20941-4	Water	2/1/2008	X				
MW-43	660-20941-5	Water	2/1/2008	X				
IWI-1	660-20941-6	Water	2/1/2008	X				
IWI-2	660-20941-7	Water	2/1/2008	X				
EW-UAFG-1	660-20941-8	Water	2/1/2008	X				
MW-38	660-20941-9	Water	2/1/2008	X				

Notes:

1. Sample location Dup-31 is the field duplicate of parent sample location MW-43.

VOLATILE ORGANIC COMPOUND (VOC) ANALYSES

Introduction

Analyses were performed according to (United Stated Environmental Protection Agency) USEPA SW-846 Method 8260B total ion monitoring (TIM) and 8260C selective ion monitoring (SIM) by isotope dilution. Data were reviewed in accordance with USEPA National Functional Guidelines of October 1999 and January 2005.

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with USEPA National Functional Guidelines:

U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

J The compound was positively identified; however, the associated numerical value is an estimated concentration only.

B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.

N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.

JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration only.

E The compound was quantitated above the calibration range.

D Concentration is based on a diluted sample analysis.

C Identification confirmed by gas chromatograph/mass spectrometer (GC/MS).

UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.

R The sample results are rejected.

Two facts should be noted by all data users. First, the "R" flag means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

Data Assessment

1. Holding Times

The specified holding times for the following methods are presented in the following table.

Method	Matrix	Holding Time	Preservation
SW-846 8260B/C	Water	14 days from collection to analysis	Cooled @ 4 °C; preserved to a pH of less than 2.
	Soil	48 hours from collection to extraction and 14 days from extraction to analysis	Cooled @ 4 °C.

All samples were analyzed within the specified holding times.

2. Blank Contamination

Quality assurance (QA) blanks (i.e., method, trip, and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure contamination of samples during shipment. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank (common laboratory contaminant compounds are calculated at ten times) is calculated for QA blanks containing concentrations greater than the method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

No compounds were detected in the associated blanks.

3. Mass Spectrometer Tuning

Mass spectrometer performance was acceptable.

System performance and column resolution were acceptable.

4. Calibration

Satisfactory instrument calibration is established to insure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument daily performance is satisfactory.

4.1 Initial Calibration

The method specifies percent relative standard deviation (%RSD) and relative response factor (RRF) limits for select compounds only. A technical review of the data applies limits to all compounds with no exceptions.

All target compounds analyzed by 8260B associated with the initial calibration standards must exhibit a %RSD less than the control limit (15%) or a correlation coefficient greater than 0.99. The compounds analyzed by method 8260B TIM must exhibit a RRF value greater than the control limit (0.05). The analysis of the target compound 1,4-Dioxane performed by method 8260C SIM by isotope dilution must exhibit a RRF value greater than the control limit (0.005).

4.2 Continuing Calibration

All target compounds analyzed by 8260B associated with the continuing calibration standard must exhibit a percent difference (%D) less then the control limit (20%) with the exception of 1,4-Dioxane must exhibit a %D less than the control limit of (50%). The compounds analyzed by method 8260B TIM must exhibit a RRF value greater than the control limit (0.05). The analysis of the target compound 1,4-Dioxane performed by method 8260C SIM by isotope dilution must exhibit a RRF value greater than the control limit (0.005).

All compounds associated with the calibrations were within the specified control limits, with the exception of the compounds presented in the following table.

Sample Locations	Initial/Continuing	Compound	Criteria
TB-32	CCV %D	1,2,3-Trichlorobenzene	-34.7%
		1,2,4-Trichlorobenzene	-30.6%
		2,2-Dichloropropane	21.6%
		4-Methyl-2-pentanone	21.2%
		Bromomethane	-50.5%
		Chloromethane	-33.8%
		Dichlorobromomethane	21.5%
		Naphthalene	-38.9%
		Vinyl chloride	-25.7%
MW-134 DW-1 MW-42 MW-43 IWI-1 EW-UAFG-1 MW-253 MW-123 RW-1 EB-31 TB-31 Private Well 7 Private Well 57	CCV %D	1,2,4-Trichlorobenzene	-20.5%
		Bromomethane	34.7%
		Naphthalene	-23.6%
MW-202 IWI-2 MW-38 MW-39 MW-254 MW-8D Dup-31 Private Well 59 Private Well 38 Private Well 102	CCV %D	2-Hexanone	32.6%
		4-Methyl-2-pentanone	29.3%
		Acetone	26.4%
		Chloroethane	32.9%

The criteria used to evaluate the initial and continuing calibration are presented in the following table. In the case of a calibration deviation, the sample results are qualified.

Initial/Continuing	Criteria	Sample Result	Qualification
Initial and Continuing Calibration	RRF <0.05	Non-detect	R
		Detect	J
	RRF <0.01[1]	Non-detect	R
		Detect	J
	RRF >0.05 or RRF >0.01[1]	Non-detect	No Action
		Detect	
Initial Calibration	%RSD > 15% or a correlation coefficient <0.99	Non-detect	UJ
		Detect	J
Continuing Calibration	%D >20% (increase in sensitivity)	Non-detect	No Action
		Detect	J
	%D >20% (decrease in sensitivity)	Non-detect	UJ
		Detect	J
	%D >90%	Non-detect	R
		Detect	J

1. RRF of 0.01 only applies to compounds which are typically poor responding compounds (i.e. ketones, 1,4-Dioxane, etc.)

5. Surrogates/System Monitoring Compounds

All samples to be analyzed for organic compounds are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. VOC analysis requires that all surrogates associated with the analysis exhibit recoveries within the laboratory-established acceptance limits.

All surrogate recoveries were within control limits.

6. Internal Standard Performance

Internal standard performance criteria insure that the GC/MS sensitivity and response are stable during every sample analysis. The criteria requires the internal standard compounds associated with the VOC exhibit area counts that are not greater than two times (+100%) or less than one-half (-50%) of the area counts of the associated continuing calibration standard.

All internal standard areas and retention times were within established limits.

7. Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analysis

MS/MSD data are used to assess the precision and accuracy of the analytical method. The compounds used to perform the MS/MSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits. The relative percent difference (RPD) between the MS/MSD recoveries must exhibit an RPD within the laboratory-established acceptance limits.

Note: The MS/MSD recovery control limits do not apply for MS/MSD performed on sample locations were the compound concentration detected in the parent sample exceeds the MS/MSD concentration by a factor of four or greater.

A MS/MSD was not performed on a sample location within this SDG.

8. Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) Analysis

The LCS/LCSD analysis is used to assess the precision and accuracy of the analytical method independent of matrix interferences. The compounds associated with the LCS/LCSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits.

All compounds associated with the LCS/LCSD analysis exhibited acceptable recoveries and RPD between the LCS/LCSD recoveries.

9. Field Duplicate Analysis

Field duplicate analysis is used to assess the precision and accuracy of the field sampling procedures and analytical method. A control limit of 50% for water matrices is applied to the RPD between the parent sample and the field duplicate.

Results for duplicate samples are summarized in the following table.

Sample ID/Duplicate ID	Compound	Sample Result	Duplicate Result	RPD
MW-43/Dup-31	1,1-Dichloroethane	36	31	AC
	1,1-Dichloroethene	150	140	6.8%
	cis-1,2-Dichloroethene	19	16	AC
	Trichloroethene	190	150	23.5%
	Vinyl chloride	0.64 I	ND(5.0)	AC
	1,4-Dioxane (SIM ID)	570	560	1.7%

NC = Not compliant.
ND = Not detected.
AC = The field duplicate RPD is acceptable when the RPD between parent sample and field duplicate sample is less than one times the RL and where the parent sample and/or duplicate concentration is less than five times the RL.

The calculated RPDs between the parent sample and field duplicate were acceptable.

10. Compound Identification

Compounds are identified on the GC/MS by using the analytes relative retention time and ion spectra.

Sample results associated with compound that exhibited a concentration greater than the linear range of the instrument calibration are summarized in the following table.

Sample ID	Compound	Original Analysis	Diluted Analysis	Reported Analysis
MW-134	Trichloroethene	200 E	190 D	190 D
MW-42	Trichloroethene	2400 E	1800 D	1800 D
MW-43	1,1-Dichloroethene	150 E	150 D	150 D
	Trichloroethene	200 E	190 D	190 D

Sample ID	Compound	Original Analysis	Diluted Analysis	Reported Analysis
IWI-1	1,1-Dichloroethene	400 E	370 D	370 D
	cis-1,2-Dichloroethene	240 E	190 D	190 D
	Trichloroethene	5100 E	4900 D	4900 D
EW-UAFG-1	1,1-Dichloroethene	260 E	250 D	250 D
	cis-1,2-Dichloroethene	2200 E	3000 D	3000 D
MW-253	1,1-Dichloroethene	380 E	400 D	400 D
	Trichloroethene	5600 E	6200 D	6200 D
MW-254	Tetrachloroethene	15000 E	11000 D	11000 D

Note: In the instance where both the original analysis and the diluted analysis sample results exhibited a concentration greater than and/or less than the calibration linear range of the instrument; the sample result exhibiting the greatest concentration will be reported as the final result.

Sample results associated with compounds exhibiting concentrations greater than the linear range are qualified as documented in the table below when reported as the final reported sample result.

Reported Sample Results	Qualification
Diluted sample result within calibration range	D
Diluted sample result less than the calibration range	DJ
Diluted sample result greater than the calibration range	EDJ
Original sample result greater than the calibration range	EJ

11. System Performance and Overall Assessment

Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

CORRECTED SAMPLE ANALYSIS DATA SHEETS

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: **MW-202**

Lab Sample ID: 660-20941-1
Client Matrix: Water

Date Sampled: 02/01/2008 0810
Date Received: 02/01/2008 1518

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2008 1548
Date Prepared: 02/15/2008 1548

Analysis Batch: 660-58240

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1510.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: MW-202

Lab Sample ID: 660-20941-1
Client Matrix: Water

Date Sampled: 02/01/2008 0810
Date Received: 02/01/2008 1518

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2008 1548
Date Prepared: 02/15/2008 1548

Analysis Batch: 660-58240

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1510.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	93	77 - 122
4-Bromofluorobenzene	91	74 - 126
Dibromofluoromethane	91	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: **MW-134**

Lab Sample ID: 660-20941-2
Client Matrix: Water

Date Sampled: 02/01/2008 1132
Date Received: 02/01/2008 1518

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2008 0459
Date Prepared: 02/15/2008 0459

Analysis Batch: 660-58013

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1451.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	5.4		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	23		0.45	1.0
cis-1,2-Dichloroethene	5.9		0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: **MW-134**

Lab Sample ID: 660-20941-2
Client Matrix: Water

Date Sampled: 02/01/2008 1132
Date Received: 02/01/2008 1518

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2008 0459
Date Prepared: 02/15/2008 0459

Analysis Batch: 660-58013

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1451.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U J	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	94	77 - 122
4-Bromofluorobenzene	93	74 - 126
Dibromofluoromethane	89	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: **MW-134**

Lab Sample ID: 660-20941-2
Client Matrix: Water

Date Sampled: 02/01/2008 1132
Date Received: 02/01/2008 1518

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 2.0
Date Analyzed: 02/15/2008 1717
Date Prepared: 02/15/2008 1717

Analysis Batch: 660-58240

Run Type: DL

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1514.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Trichloroethene	190	D	1.0	2.0

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: **DW-1**

Lab Sample ID: 660-20941-3
Client Matrix: Water

Date Sampled: 02/01/2008 1000
Date Received: 02/01/2008 1518

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2008 0522
Date Prepared: 02/15/2008 0522

Analysis Batch: 660-58013

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1452.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U J	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: DW-1

Lab Sample ID: 660-20941-3
Client Matrix: Water

Date Sampled: 02/01/2008 1000
Date Received: 02/01/2008 1518

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2008 0522
Date Prepared: 02/15/2008 0522

Analysis Batch: 660-58013

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1452.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	102	77 - 122
4-Bromofluorobenzene	100	74 - 126
Dibromofluoromethane	99	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: MW-42

Lab Sample ID: 660-20941-4
Client Matrix: Water

Date Sampled: 02/01/2008 1056
Date Received: 02/01/2008 1518

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2008 0544
Date Prepared: 02/15/2008 0544

Analysis Batch: 660-58013

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1453.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	3.6		0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	59		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	89		0.45	1.0
cis-1,2-Dichloroethene	83		0.65	1.0
trans-1,2-Dichloroethene	0.59	I	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U J	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: MW-42

Lab Sample ID: 660-20941-4
Client Matrix: Water

Date Sampled: 02/01/2008 1056
Date Received: 02/01/2008 1518

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2008 0544
Date Prepared: 02/15/2008 0544

Analysis Batch: 660-58013

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1453.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	14		0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U J	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	3.6		0.47	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	1.2		0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	100	77 - 122
4-Bromofluorobenzene	97	74 - 126
Dibromofluoromethane	97	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: MW-42

Lab Sample ID: 660-20941-4
Client Matrix: Water

Date Sampled: 02/01/2008 1056
Date Received: 02/01/2008 1518

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 40
Date Analyzed: 02/15/2008 1910
Date Prepared: 02/15/2008 1910

Analysis Batch: 660-58240
Run Type: DL

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1519.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Trichloroethene	1800	D	20	40

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: MW-43

Lab Sample ID: 660-20941-5
Client Matrix: Water

Date Sampled: 02/01/2008 1103
Date Received: 02/01/2008 1518

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2008 0606
Date Prepared: 02/15/2008 0606

Analysis Batch: 660-58013

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1454.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	36		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
cis-1,2-Dichloroethene	19		0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U J	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: MW-43

Lab Sample ID: 660-20941-5
Client Matrix: Water

Date Sampled: 02/01/2008 1103
Date Received: 02/01/2008 1518

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2008 0606
Date Prepared: 02/15/2008 0606

Analysis Batch: 660-58013

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1454.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.64	I	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	116	77 - 122
4-Bromofluorobenzene	112	74 - 126
Dibromofluoromethane	114	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: **MW-43**

Lab Sample ID: 660-20941-5
Client Matrix: Water

Date Sampled: 02/01/2008 1103
Date Received: 02/01/2008 1518

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 10
Date Analyzed: 02/15/2008 1740
Date Prepared: 02/15/2008 1740

Analysis Batch: 660-58240

Run Type: DL

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1515.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1-Dichloroethene	150	D	4.5	10
Trichloroethene	190	D	5.0	10

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: **IWI-1**

Lab Sample ID: 660-20941-6
Client Matrix: Water

Date Sampled: 02/01/2008 0915
Date Received: 02/01/2008 1518

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2008 0629
Date Prepared: 02/15/2008 0629

Analysis Batch: 660-58013

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1455.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	60		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
trans-1,2-Dichloroethene	0.90	I	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	6.8		0.50	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: IWI-1

Lab Sample ID: 660-20941-6
Client Matrix: Water

Date Sampled: 02/01/2008 0915
Date Received: 02/01/2008 1518

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2008 0629
Date Prepared: 02/15/2008 0629

Analysis Batch: 660-58013

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1455.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U J	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	21		0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	102	77 - 122
4-Bromofluorobenzene	99	74 - 126
Dibromofluoromethane	99	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: **IWI-1**

Lab Sample ID: 660-20941-6
Client Matrix: Water

Date Sampled: 02/01/2008 0915
Date Received: 02/01/2008 1518

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 100
Date Analyzed: 02/15/2008 1932
Date Prepared: 02/15/2008 1932

Analysis Batch: 660-58240
Run Type: DL

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1520.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1-Dichloroethene	370	D	45	100
cis-1,2-Dichloroethene	190		65	100
Trichloroethene	4900		50	100

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: **IWI-2**

Lab Sample ID: 660-20941-7
Client Matrix: Water

Date Sampled: 02/01/2008 1025
Date Received: 02/01/2008 1518

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2008 2209
Date Prepared: 02/15/2008 2209

Analysis Batch: 660-58240

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1527.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.64	I	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.83	I	0.45	1.0
cis-1,2-Dichloroethene	4.1		0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: IWI-2

Lab Sample ID: 660-20941-7
Client Matrix: Water

Date Sampled: 02/01/2008 1025
Date Received: 02/01/2008 1518

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2008 2209
Date Prepared: 02/15/2008 2209

Analysis Batch: 660-58240

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1527.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.99	I	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	84	77 - 122
4-Bromofluorobenzene	82	74 - 126
Dibromofluoromethane	83	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: EW-UAFG-1

Lab Sample ID: 660-20941-8
Client Matrix: Water

Date Sampled: 02/01/2008 1000
Date Received: 02/01/2008 1518

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2008 0713
Date Prepared: 02/15/2008 0713

Analysis Batch: 660-58013

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1457.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	34		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
trans-1,2-Dichloroethene	11		0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U J	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: EW-UAFG-1

Lab Sample ID: 660-20941-8
Client Matrix: Water

Date Sampled: 02/01/2008 1000
Date Received: 02/01/2008 1518

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2008 0713
Date Prepared: 02/15/2008 0713

Analysis Batch: 660-58013

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1457.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	19		0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	3.6		0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	97	77 - 122
4-Bromofluorobenzene	96	74 - 126
Dibromofluoromethane	101	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: EW-UAFG-1

Lab Sample ID: 660-20941-8
Client Matrix: Water

Date Sampled: 02/01/2008 1000
Date Received: 02/01/2008 1518

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 40
Date Analyzed: 02/15/2008 1954
Date Prepared: 02/15/2008 1954

Analysis Batch: 660-58240
Run Type: DL

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1521.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1-Dichloroethene	250	D	18	40
cis-1,2-Dichloroethene	3000	D	26	40

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: MW-38

Lab Sample ID: 660-20941-9
Client Matrix: Water

Date Sampled: 02/01/2008 0940
Date Received: 02/01/2008 1518

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 10
Date Analyzed: 02/15/2008 1803
Date Prepared: 02/15/2008 1803

Analysis Batch: 660-58240

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1516.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	5.0	U	5.0	10
Bromobenzene	5.8	U	5.8	10
Chlorobromomethane	5.8	U	5.8	10
Dichlorobromomethane	3.5	U	3.5	10
Bromoform	5.8	U	5.8	10
Bromomethane	25	U	25	50
n-Butylbenzene	6.7	U	6.7	10
sec-Butylbenzene	6.3	U	6.3	10
tert-Butylbenzene	8.4	U	8.4	10
Carbon tetrachloride	4.2	U	4.2	10
Chlorobenzene	6.3	U	6.3	10
Chloroethane	25	U	25	50
Chloroform	9.0	U	9.0	10
Chloromethane	10	U	10	40
2-Chlorotoluene	6.5	U	6.5	10
4-Chlorotoluene	5.2	U	5.2	10
Chlorodibromomethane	3.4	U	3.4	10
1,2-Dibromo-3-Chloropropane	25	U	25	50
Ethylene Dibromide	5.0	U	5.0	10
Dibromomethane	4.1	U	4.1	10
1,2-Dichlorobenzene	4.4	U	4.4	10
1,3-Dichlorobenzene	6.4	U	6.4	10
1,4-Dichlorobenzene	5.2	U	5.2	10
Dichlorodifluoromethane	25	U	25	50
1,1-Dichloroethane	20		5.2	10
1,2-Dichloroethane	5.7	U	5.7	10
1,1-Dichloroethene	27		4.5	10
cis-1,2-Dichloroethene	6.5	U	6.5	10
trans-1,2-Dichloroethene	4.4	U	4.4	10
1,2-Dichloropropane	5.2	U	5.2	10
1,3-Dichloropropane	3.9	U	3.9	10
2,2-Dichloropropane	3.6	U	3.6	10
1,1-Dichloropropene	3.1	U	3.1	10
cis-1,3-Dichloropropene	1.4	U	1.4	10
trans-1,3-Dichloropropene	1.4	U	1.4	10
Ethylbenzene	4.4	U	4.4	10
Hexachlorobutadiene	4.0	U	4.0	10
Isopropylbenzene	1.9	U	1.9	10
4-Isopropyltoluene	6.9	U	6.9	10
Methylene Chloride	40	U	40	50
Naphthalene	25	U	25	50
N-Propylbenzene	5.9	U	5.9	10
Styrene	9.8	U	9.8	20
1,1,1,2-Tetrachloroethane	6.3	U	6.3	10

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: MW-38

Lab Sample ID: 660-20941-9
Client Matrix: Water

Date Sampled: 02/01/2008 0940
Date Received: 02/01/2008 1518

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 10
Date Analyzed: 02/15/2008 1803
Date Prepared: 02/15/2008 1803

Analysis Batch: 660-58240

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1516.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	1.5	U	1.5	10
Tetrachloroethene	450		5.0	10
Toluene	5.1	U	5.1	10
1,2,3-Trichlorobenzene	7.7	U	7.7	10
1,2,4-Trichlorobenzene	5.8	U	5.8	10
1,1,1-Trichloroethane	4.6	U	4.6	10
1,1,2-Trichloroethane	4.7	U	4.7	10
Trichloroethene	600		5.0	10
Trichlorofluoromethane	25	U	25	50
1,2,3-Trichloropropane	1.8	U	1.8	10
1,2,4-Trimethylbenzene	8.6	U	8.6	10
1,3,5-Trimethylbenzene	5.4	U	5.4	10
Vinyl chloride	5.0	U	5.0	10
o-Xylene	5.0	U	5.0	10
Acetone	99	U	99	200
2-Butanone (MEK)	84	U	84	100
4-Methyl-2-pentanone (MIBK)	38	U	38	100
Carbon disulfide	8.5	U	8.5	10
2-Hexanone	44	U	44	100
Methyl tert-butyl ether	4.4	U	4.4	10
m-Xylene & p-Xylene	6.0	U	6.0	20

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	107	77 - 122
4-Bromofluorobenzene	109	74 - 126
Dibromofluoromethane	100	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: MW-39

Lab Sample ID: 660-20941-10
Client Matrix: Water

Date Sampled: 02/01/2008 1016
Date Received: 02/01/2008 1518

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 4.0
Date Analyzed: 02/15/2008 1825
Date Prepared: 02/15/2008 1825

Analysis Batch: 660-58240

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1517.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	2.0	U	2.0	4.0
Bromobenzene	2.3	U	2.3	4.0
Chlorobromomethane	2.3	U	2.3	4.0
Dichlorobromomethane	1.4	U	1.4	4.0
Bromoform	2.3	U	2.3	4.0
Bromomethane	10	U	10	20
n-Butylbenzene	2.7	U	2.7	4.0
sec-Butylbenzene	2.5	U	2.5	4.0
tert-Butylbenzene	3.4	U	3.4	4.0
Carbon tetrachloride	1.7	U	1.7	4.0
Chlorobenzene	2.5	U	2.5	4.0
Chloroethane	10	U	10	20
Chloroform	3.6	U	3.6	4.0
Chloromethane	4.0	U	4.0	16
2-Chlorotoluene	2.6	U	2.6	4.0
4-Chlorotoluene	2.1	U	2.1	4.0
Chlorodibromomethane	1.4	U	1.4	4.0
1,2-Dibromo-3-Chloropropane	10	U	10	20
Ethylene Dibromide	2.0	U	2.0	4.0
Dibromomethane	1.6	U	1.6	4.0
1,2-Dichlorobenzene	1.8	U	1.8	4.0
1,3-Dichlorobenzene	2.6	U	2.6	4.0
1,4-Dichlorobenzene	2.1	U	2.1	4.0
Dichlorodifluoromethane	10	U	10	20
1,1-Dichloroethane	5.7		2.1	4.0
1,2-Dichloroethane	2.3	U	2.3	4.0
1,1-Dichloroethene	22		1.8	4.0
cis-1,2-Dichloroethene	44		2.6	4.0
trans-1,2-Dichloroethene	1.8	U	1.8	4.0
1,2-Dichloropropane	2.1	U	2.1	4.0
1,3-Dichloropropane	1.6	U	1.6	4.0
2,2-Dichloropropane	1.4	U	1.4	4.0
1,1-Dichloropropene	1.2	U	1.2	4.0
cis-1,3-Dichloropropene	0.56	U	0.56	4.0
trans-1,3-Dichloropropene	0.56	U	0.56	4.0
Ethylbenzene	1.8	U	1.8	4.0
Hexachlorobutadiene	1.6	U	1.6	4.0
Isopropylbenzene	0.76	U	0.76	4.0
4-Isopropyltoluene	2.8	U	2.8	4.0
Methylene Chloride	16	U	16	20
Naphthalene	10	U	10	20
N-Propylbenzene	2.4	U	2.4	4.0
Styrene	3.9	U	3.9	8.0
1,1,1,2-Tetrachloroethane	2.5	U	2.5	4.0

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: MW-39

Lab Sample ID: 660-20941-10
Client Matrix: Water

Date Sampled: 02/01/2008 1016
Date Received: 02/01/2008 1518

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 4.0
Date Analyzed: 02/15/2008 1825
Date Prepared: 02/15/2008 1825

Analysis Batch: 660-58240

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1517.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.60	U	0.60	4.0
Tetrachloroethene	2.0	U	2.0	4.0
Toluene	2.0	U	2.0	4.0
1,2,3-Trichlorobenzene	3.1	U	3.1	4.0
1,2,4-Trichlorobenzene	2.3	U	2.3	4.0
1,1,1-Trichloroethane	1.8	U	1.8	4.0
1,1,2-Trichloroethane	1.9	U	1.9	4.0
Trichloroethene	190		2.0	4.0
Trichlorofluoromethane	10	U	10	20
1,2,3-Trichloropropane	0.72	U	0.72	4.0
1,2,4-Trimethylbenzene	3.4	U	3.4	4.0
1,3,5-Trimethylbenzene	2.2	U	2.2	4.0
Vinyl chloride	2.0	U	2.0	4.0
o-Xylene	2.0	U	2.0	4.0
Acetone	40	U	40	80
2-Butanone (MEK)	34	U	34	40
4-Methyl-2-pentanone (MIBK)	15	U	15	40
Carbon disulfide	3.4	U	3.4	4.0
2-Hexanone	18	U	18	40
Methyl tert-butyl ether	1.8	U	1.8	4.0
m-Xylene & p-Xylene	2.4	U	2.4	8.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	121	77 - 122
4-Bromofluorobenzene	121	74 - 126
Dibromofluoromethane	117	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: MW-253

Lab Sample ID: 660-20941-11
Client Matrix: Water

Date Sampled: 02/01/2008 0930
Date Received: 02/01/2008 1518

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2008 0821
Date Prepared: 02/15/2008 0821

Analysis Batch: 660-58013

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1460.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	75		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
cis-1,2-Dichloroethene	130		0.65	1.0
trans-1,2-Dichloroethene	0.51	I	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U J	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: MW-253

Lab Sample ID: 660-20941-11
Client Matrix: Water

Date Sampled: 02/01/2008 0930
Date Received: 02/01/2008 1518

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2008 0821
Date Prepared: 02/15/2008 0821

Analysis Batch: 660-58013

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1460.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Tetrachloroethene	5.4		0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	1.1		0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	100	77 - 122
4-Bromofluorobenzene	99	74 - 126
Dibromofluoromethane	100	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: MW-253

Lab Sample ID: 660-20941-11
Client Matrix: Water

Date Sampled: 02/01/2008 0930
Date Received: 02/01/2008 1518

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 100
Date Analyzed: 02/15/2008 2017
Date Prepared: 02/15/2008 2017

Analysis Batch: 660-58240
Run Type: DL

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1522.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1-Dichloroethene	400	D	45	100
Trichloroethene	6200	D	50	100

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: MW-254

Lab Sample ID: 660-20941-12
Client Matrix: Water

Date Sampled: 02/01/2008 0840
Date Received: 02/01/2008 1518

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 10
Date Analyzed: 02/15/2008 1610
Date Prepared: 02/15/2008 1610

Analysis Batch: 660-58240

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1511.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	5.0	U	5.0	10
Bromobenzene	5.8	U	5.8	10
Chlorobromomethane	5.8	U	5.8	10
Dichlorobromomethane	3.5	U	3.5	10
Bromoform	5.8	U	5.8	10
Bromomethane	25	U	25	50
n-Butylbenzene	6.7	U	6.7	10
sec-Butylbenzene	6.3	U	6.3	10
tert-Butylbenzene	8.4	U	8.4	10
Carbon tetrachloride	4.2	U	4.2	10
Chlorobenzene	6.3	U	6.3	10
Chloroethane	25	U	25	50
Chloroform	9.0	U	9.0	10
Chloromethane	10	U	10	40
2-Chlorotoluene	6.5	U	6.5	10
4-Chlorotoluene	5.2	U	5.2	10
Chlorodibromomethane	3.4	U	3.4	10
1,2-Dibromo-3-Chloropropane	25	U	25	50
Ethylene Dibromide	5.0	U	5.0	10
Dibromomethane	4.1	U	4.1	10
1,2-Dichlorobenzene	4.4	U	4.4	10
1,3-Dichlorobenzene	6.4	U	6.4	10
1,4-Dichlorobenzene	5.2	U	5.2	10
Dichlorodifluoromethane	25	U	25	50
1,1-Dichloroethane	6.0	I	5.2	10
1,2-Dichloroethane	5.7	U	5.7	10
1,1-Dichloroethene	37		4.5	10
cis-1,2-Dichloroethene	6.5	U	6.5	10
trans-1,2-Dichloroethene	4.4	U	4.4	10
1,2-Dichloropropane	5.2	U	5.2	10
1,3-Dichloropropane	3.9	U	3.9	10
2,2-Dichloropropane	3.6	U	3.6	10
1,1-Dichloropropene	3.1	U	3.1	10
cis-1,3-Dichloropropene	1.4	U	1.4	10
trans-1,3-Dichloropropene	1.4	U	1.4	10
Ethylbenzene	4.4	U	4.4	10
Hexachlorobutadiene	4.0	U	4.0	10
Isopropylbenzene	1.9	U	1.9	10
4-Isopropyltoluene	6.9	U	6.9	10
Methylene Chloride	40	U	40	50
Naphthalene	25	U	25	50
N-Propylbenzene	5.9	U	5.9	10
Styrene	9.8	U	9.8	20
1,1,1,2-Tetrachloroethane	6.3	U	6.3	10

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: MW-254

Lab Sample ID: 660-20941-12
Client Matrix: Water

Date Sampled: 02/01/2008 0840
Date Received: 02/01/2008 1518

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 10
Date Analyzed: 02/15/2008 1610
Date Prepared: 02/15/2008 1610

Analysis Batch: 660-58240

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1511.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	1.5	U	1.5	10
Toluene	5.1	U	5.1	10
1,2,3-Trichlorobenzene	7.7	U	7.7	10
1,2,4-Trichlorobenzene	5.8	U	5.8	10
1,1,1-Trichloroethane	4.6	U	4.6	10
1,1,2-Trichloroethane	4.7	U	4.7	10
Trichloroethene	760		5.0	10
Trichlorofluoromethane	25	U	25	50
1,2,3-Trichloropropane	1.8	U	1.8	10
1,2,4-Trimethylbenzene	8.6	U	8.6	10
1,3,5-Trimethylbenzene	5.4	U	5.4	10
Vinyl chloride	5.0	U	5.0	10
o-Xylene	5.0	U	5.0	10
Acetone	99	U	99	200
2-Butanone (MEK)	84	U	84	100
4-Methyl-2-pentanone (MIBK)	38	U	38	100
Carbon disulfide	8.5	U	8.5	10
2-Hexanone	44	U	44	100
Methyl tert-butyl ether	4.4	U	4.4	10
m-Xylene & p-Xylene	6.0	U	6.0	20

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	94	77 - 122
4-Bromofluorobenzene	92	74 - 126
Dibromofluoromethane	91	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: MW-254

Lab Sample ID: 660-20941-12
Client Matrix: Water

Date Sampled: 02/01/2008 0840
Date Received: 02/01/2008 1518

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 500
Date Analyzed: 02/15/2008 1953
Date Prepared: 02/15/2008 1953

Analysis Batch: 660-58264
Run Type: DL

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1530.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Tetrachloroethene	11000	D	250	500

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: MW-8D

Lab Sample ID: 660-20941-13
Client Matrix: Water

Date Sampled: 02/01/2008 0906
Date Received: 02/01/2008 1518

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2008 2231
Date Prepared: 02/15/2008 2231

Analysis Batch: 660-58240

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1528.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: MW-8D

Lab Sample ID: 660-20941-13
Client Matrix: Water

Date Sampled: 02/01/2008 0906
Date Received: 02/01/2008 1518

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2008 2231
Date Prepared: 02/15/2008 2231

Analysis Batch: 660-58240

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1528.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	89	77 - 122
4-Bromofluorobenzene	83	74 - 126
Dibromofluoromethane	88	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: MW-123

Lab Sample ID: 660-20941-14
Client Matrix: Water

Date Sampled: 02/01/2008 0921
Date Received: 02/01/2008 1518

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2008 0928
Date Prepared: 02/15/2008 0928

Analysis Batch: 660-58013

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1463.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: MW-123

Lab Sample ID: 660-20941-14
Client Matrix: Water

Date Sampled: 02/01/2008 0921
Date Received: 02/01/2008 1518

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2008 0928
Date Prepared: 02/15/2008 0928

Analysis Batch: 660-58013

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1463.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U J	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	98	77 - 122
4-Bromofluorobenzene	94	74 - 126
Dibromofluoromethane	99	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: RW-1

Lab Sample ID: 660-20941-15
Client Matrix: Water

Date Sampled: 02/01/2008 0910
Date Received: 02/01/2008 1518

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2008 0950
Date Prepared: 02/15/2008 0950

Analysis Batch: 660-58013

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1464.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	2.0		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: RW-1

Lab Sample ID: 660-20941-15
Client Matrix: Water

Date Sampled: 02/01/2008 0910
Date Received: 02/01/2008 1518

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2008 0950
Date Prepared: 02/15/2008 0950

Analysis Batch: 660-58013

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1464.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	1.5		0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	109	77 - 122
4-Bromofluorobenzene	105	74 - 126
Dibromofluoromethane	107	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: **Dup-31**

Lab Sample ID: 660-20941-16
Client Matrix: Water

Date Sampled: 02/01/2008 0000
Date Received: 02/01/2008 1518

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 10
Date Analyzed: 02/15/2008 1847
Date Prepared: 02/15/2008 1847

Analysis Batch: 660-58240

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1518.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	5.0	U	5.0	10
Bromobenzene	5.8	U	5.8	10
Chlorobromomethane	5.8	U	5.8	10
Dichlorobromomethane	3.5	U	3.5	10
Bromoform	5.8	U	5.8	10
Bromomethane	25	U	25	50
n-Butylbenzene	6.7	U	6.7	10
sec-Butylbenzene	6.3	U	6.3	10
tert-Butylbenzene	8.4	U	8.4	10
Carbon tetrachloride	4.2	U	4.2	10
Chlorobenzene	6.3	U	6.3	10
Chloroethane	25	U	25	50
Chloroform	9.0	U	9.0	10
Chloromethane	10	U	10	40
2-Chlorotoluene	6.5	U	6.5	10
4-Chlorotoluene	5.2	U	5.2	10
Chlorodibromomethane	3.4	U	3.4	10
1,2-Dibromo-3-Chloropropane	25	U	25	50
Ethylene Dibromide	5.0	U	5.0	10
Dibromomethane	4.1	U	4.1	10
1,2-Dichlorobenzene	4.4	U	4.4	10
1,3-Dichlorobenzene	6.4	U	6.4	10
1,4-Dichlorobenzene	5.2	U	5.2	10
Dichlorodifluoromethane	25	U	25	50
1,1-Dichloroethane	31		5.2	10
1,2-Dichloroethane	5.7	U	5.7	10
1,1-Dichloroethene	140		4.5	10
cis-1,2-Dichloroethene	16		6.5	10
trans-1,2-Dichloroethene	4.4	U	4.4	10
1,2-Dichloropropane	5.2	U	5.2	10
1,3-Dichloropropane	3.9	U	3.9	10
2,2-Dichloropropane	3.6	U	3.6	10
1,1-Dichloropropene	3.1	U	3.1	10
cis-1,3-Dichloropropene	1.4	U	1.4	10
trans-1,3-Dichloropropene	1.4	U	1.4	10
Ethylbenzene	4.4	U	4.4	10
Hexachlorobutadiene	4.0	U	4.0	10
Isopropylbenzene	1.9	U	1.9	10
4-Isopropyltoluene	6.9	U	6.9	10
Methylene Chloride	40	U	40	50
Naphthalene	25	U	25	50
N-Propylbenzene	5.9	U	5.9	10
Styrene	9.8	U	9.8	20
1,1,1,2-Tetrachloroethane	6.3	U	6.3	10

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: **Dup-31**

Lab Sample ID: 660-20941-16
Client Matrix: Water

Date Sampled: 02/01/2008 0000
Date Received: 02/01/2008 1518

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 10
Date Analyzed: 02/15/2008 1847
Date Prepared: 02/15/2008 1847

Analysis Batch: 660-58240

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1518.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	1.5	U	1.5	10
Tetrachloroethene	5.0	U	5.0	10
Toluene	5.1	U	5.1	10
1,2,3-Trichlorobenzene	7.7	U	7.7	10
1,2,4-Trichlorobenzene	5.8	U	5.8	10
1,1,1-Trichloroethane	4.6	U	4.6	10
1,1,2-Trichloroethane	4.7	U	4.7	10
Trichloroethene	150		5.0	10
Trichlorofluoromethane	25	U	25	50
1,2,3-Trichloropropane	1.8	U	1.8	10
1,2,4-Trimethylbenzene	8.6	U	8.6	10
1,3,5-Trimethylbenzene	5.4	U	5.4	10
Vinyl chloride	5.0	U	5.0	10
o-Xylene	5.0	U	5.0	10
Acetone	99	U	99	200
2-Butanone (MEK)	84	U	84	100
4-Methyl-2-pentanone (MIBK)	38	U	38	100
Carbon disulfide	8.5	U	8.5	10
2-Hexanone	44	U	44	100
Methyl tert-butyl ether	4.4	U	4.4	10
m-Xylene & p-Xylene	6.0	U	6.0	20

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	104	77 - 122
4-Bromofluorobenzene	107	74 - 126
Dibromofluoromethane	99	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: EB-31

Lab Sample ID: 660-20941-17
Client Matrix: Water

Date Sampled: 02/01/2008 1145
Date Received: 02/01/2008 1518

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2008 1035
Date Prepared: 02/15/2008 1035

Analysis Batch: 660-58013

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1466.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: EB-31

Lab Sample ID: 660-20941-17
Client Matrix: Water

Date Sampled: 02/01/2008 1145
Date Received: 02/01/2008 1518

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2008 1035
Date Prepared: 02/15/2008 1035

Analysis Batch: 660-58013

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1466.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	99	77 - 122
4-Bromofluorobenzene	93	74 - 126
Dibromofluoromethane	95	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: TB-31

Lab Sample ID: 660-20941-18
Client Matrix: Water

Date Sampled: 02/01/2008 0000
Date Received: 02/01/2008 1518

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2008 1057
Date Prepared: 02/15/2008 1057

Analysis Batch: 660-58013

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1467.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: TB-31

Lab Sample ID: 660-20941-18
Client Matrix: Water

Date Sampled: 02/01/2008 0000
Date Received: 02/01/2008 1518

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2008 1057
Date Prepared: 02/15/2008 1057

Analysis Batch: 660-58013

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1467.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	105	77 - 122
4-Bromofluorobenzene	98	74 - 126
Dibromofluoromethane	102	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: **Private Well 7**

Lab Sample ID: 660-20941-19
Client Matrix: Water

Date Sampled: 02/01/2008 0854
Date Received: 02/01/2008 1518

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2008 1119
Date Prepared: 02/15/2008 1119

Analysis Batch: 660-58013

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1468.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U J	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: **Private Well 7**

Lab Sample ID: 660-20941-19
Client Matrix: Water

Date Sampled: 02/01/2008 0854
Date Received: 02/01/2008 1518

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2008 1119
Date Prepared: 02/15/2008 1119

Analysis Batch: 660-58013

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1468.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U J	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	99	77 - 122
4-Bromofluorobenzene	92	74 - 126
Dibromofluoromethane	95	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: **Private Well 57**

Lab Sample ID: 660-20941-20
Client Matrix: Water

Date Sampled: 02/01/2008 0820
Date Received: 02/01/2008 1518

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2008 1142
Date Prepared: 02/15/2008 1142

Analysis Batch: 660-58013

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1469.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: **Private Well 57**

Lab Sample ID: 660-20941-20
Client Matrix: Water

Date Sampled: 02/01/2008 0820
Date Received: 02/01/2008 1518

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2008 1142
Date Prepared: 02/15/2008 1142

Analysis Batch: 660-58013

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1469.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U J	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	110	77 - 122
4-Bromofluorobenzene	105	74 - 126
Dibromofluoromethane	109	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: Private Well 59

Lab Sample ID: 660-20941-21
Client Matrix: Water

Date Sampled: 02/01/2008 0908
Date Received: 02/01/2008 1518

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2008 2146
Date Prepared: 02/15/2008 2146

Analysis Batch: 660-58240

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1526.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: **Private Well 59**

Lab Sample ID: 660-20941-21
Client Matrix: Water

Date Sampled: 02/01/2008 0908
Date Received: 02/01/2008 1518

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2008 2146
Date Prepared: 02/15/2008 2146

Analysis Batch: 660-58240

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1526.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	22	J	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	108	77 - 122
4-Bromofluorobenzene	106	74 - 126
Dibromofluoromethane	104	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: **Private Well 38**

Lab Sample ID: 660-20941-22
Client Matrix: Water

Date Sampled: 02/01/2008 1055
Date Received: 02/01/2008 1518

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2008 2124
Date Prepared: 02/15/2008 2124

Analysis Batch: 660-58240

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1525.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	3.4		0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	4.9		0.45	1.0
cis-1,2-Dichloroethene	0.93	I	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: **Private Well 38**

Lab Sample ID: 660-20941-22
Client Matrix: Water

Date Sampled: 02/01/2008 1055
Date Received: 02/01/2008 1518

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2008 2124
Date Prepared: 02/15/2008 2124

Analysis Batch: 660-58240

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1525.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	97	77 - 122
4-Bromofluorobenzene	94	74 - 126
Dibromofluoromethane	95	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: **Private Well 102**

Lab Sample ID: 660-20941-23
Client Matrix: Water

Date Sampled: 02/01/2008 1115
Date Received: 02/01/2008 1518

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2008 2101
Date Prepared: 02/15/2008 2101

Analysis Batch: 660-58240

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1524.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: **Private Well 102**

Lab Sample ID: 660-20941-23
Client Matrix: Water

Date Sampled: 02/01/2008 1115
Date Received: 02/01/2008 1518

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2008 2101
Date Prepared: 02/15/2008 2101

Analysis Batch: 660-58240

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1524.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	4.4		0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	101	77 - 122
4-Bromofluorobenzene	97	74 - 126
Dibromofluoromethane	100	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: TB-32

Lab Sample ID: 660-20941-24
Client Matrix: Water

Date Sampled: 02/01/2008 0000
Date Received: 02/01/2008 1518

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2008 1447
Date Prepared: 02/15/2008 1447

Analysis Batch: 660-58264

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1517.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U J	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U J	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U J	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: TB-32

Lab Sample ID: 660-20941-24
Client Matrix: Water

Date Sampled: 02/01/2008 0000
Date Received: 02/01/2008 1518

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2008 1447
Date Prepared: 02/15/2008 1447

Analysis Batch: 660-58264

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1517.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U J	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U J	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U J	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	106	77 - 122
4-Bromofluorobenzene	83	74 - 126
Dibromofluoromethane	87	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: **MW-202**

Lab Sample ID: 660-20941-1
Client Matrix: Water

Date Sampled: 02/01/2008 0810
Date Received: 02/01/2008 1518

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2008 1548
Date Prepared: 02/15/2008 1548

Analysis Batch: 660-58239

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1510.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: **MW-134**

Lab Sample ID: 660-20941-2
Client Matrix: Water

Date Sampled: 02/01/2008 1132
Date Received: 02/01/2008 1518

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 2.0
Date Analyzed: 02/15/2008 1717
Date Prepared: 02/15/2008 1717

Analysis Batch: 660-58239

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1514.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	28		2.0	2.0

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: DW-1

Lab Sample ID: 660-20941-3
Client Matrix: Water

Date Sampled: 02/01/2008 1000
Date Received: 02/01/2008 1518

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2008 0522
Date Prepared: 02/15/2008 0522

Analysis Batch: 660-58015

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1452.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: MW-42

Lab Sample ID: 660-20941-4
Client Matrix: Water

Date Sampled: 02/01/2008 1056
Date Received: 02/01/2008 1518

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2008 0544
Date Prepared: 02/15/2008 0544

Analysis Batch: 660-58015

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1453.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	72		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: **MW-43**

Lab Sample ID: 660-20941-5
Client Matrix: Water

Date Sampled: 02/01/2008 1103
Date Received: 02/01/2008 1518

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 10
Date Analyzed: 02/15/2008 1740
Date Prepared: 02/15/2008 1740

Analysis Batch: 660-58239

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1515.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	570		10	10

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: **IWI-1**

Lab Sample ID: 660-20941-6
Client Matrix: Water

Date Sampled: 02/01/2008 0915
Date Received: 02/01/2008 1518

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 100
Date Analyzed: 02/15/2008 1930
Date Prepared: 02/15/2008 1930

Analysis Batch: 660-57848

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1529.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	300		100	100

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: **IWI-2**

Lab Sample ID: 660-20941-7
Client Matrix: Water

Date Sampled: 02/01/2008 1025
Date Received: 02/01/2008 1518

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2008 1627
Date Prepared: 02/15/2008 1627

Analysis Batch: 660-57848

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1521.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	19		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: EW-UAFG-1

Lab Sample ID: 660-20941-8
Client Matrix: Water

Date Sampled: 02/01/2008 1000
Date Received: 02/01/2008 1518

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 50
Date Analyzed: 02/15/2008 1844
Date Prepared: 02/15/2008 1844

Analysis Batch: 660-57848

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1527.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	200		50	50

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: **MW-38**

Lab Sample ID: 660-20941-9
Client Matrix: Water

Date Sampled: 02/01/2008 0940
Date Received: 02/01/2008 1518

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2008 0736
Date Prepared: 02/15/2008 0736

Analysis Batch: 660-58015

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1458.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	24		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: **MW-39**

Lab Sample ID: 660-20941-10
Client Matrix: Water

Date Sampled: 02/01/2008 1016
Date Received: 02/01/2008 1518

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 4.0
Date Analyzed: 02/15/2008 1825
Date Prepared: 02/15/2008 1825

Analysis Batch: 660-58239

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1517.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	160		4.0	4.0

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: **MW-253**

Lab Sample ID: 660-20941-11
Client Matrix: Water

Date Sampled: 02/01/2008 0930
Date Received: 02/01/2008 1518

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 100
Date Analyzed: 02/15/2008 2017
Date Prepared: 02/15/2008 2017

Analysis Batch: 660-58239

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1522.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	350		100	100

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: **MW-254**

Lab Sample ID: 660-20941-12
Client Matrix: Water

Date Sampled: 02/01/2008 0840
Date Received: 02/01/2008 1518

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 10
Date Analyzed: 02/15/2008 1610
Date Prepared: 02/15/2008 1610

Analysis Batch: 660-58239

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1511.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	10	U	10	10

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: **MW-8D**

Lab Sample ID: 660-20941-13
Client Matrix: Water

Date Sampled: 02/01/2008 0906
Date Received: 02/01/2008 1518

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2008 0905
Date Prepared: 02/15/2008 0905

Analysis Batch: 660-58015

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1462.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: **MW-123**

Lab Sample ID: 660-20941-14
Client Matrix: Water

Date Sampled: 02/01/2008 0921
Date Received: 02/01/2008 1518

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2008 0928
Date Prepared: 02/15/2008 0928

Analysis Batch: 660-58015

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1463.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: RW-1

Lab Sample ID: 660-20941-15
Client Matrix: Water

Date Sampled: 02/01/2008 0910
Date Received: 02/01/2008 1518

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2008 1735
Date Prepared: 02/15/2008 1735

Analysis Batch: 660-57848

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1524.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: **Dup-31**

Lab Sample ID: 660-20941-16
Client Matrix: Water

Date Sampled: 02/01/2008 0000
Date Received: 02/01/2008 1518

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 10
Date Analyzed: 02/15/2008 1847
Date Prepared: 02/15/2008 1847

Analysis Batch: 660-58239

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1518.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	560		10	10

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: **EB-31**

Lab Sample ID: 660-20941-17
Client Matrix: Water

Date Sampled: 02/01/2008 1145
Date Received: 02/01/2008 1518

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2008 1758
Date Prepared: 02/15/2008 1758

Analysis Batch: 660-57848

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1525.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: **TB-31**

Lab Sample ID: 660-20941-18
Client Matrix: Water

Date Sampled: 02/01/2008 0000
Date Received: 02/01/2008 1518

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2008 1057
Date Prepared: 02/15/2008 1057

Analysis Batch: 660-58015

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1467.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: **Private Well 7**

Lab Sample ID: 660-20941-19
Client Matrix: Water

Date Sampled: 02/01/2008 0854
Date Received: 02/01/2008 1518

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2008 1633
Date Prepared: 02/15/2008 1633

Analysis Batch: 660-58239

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1512.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: **Private Well 57**

Lab Sample ID: 660-20941-20
Client Matrix: Water

Date Sampled: 02/01/2008 0820
Date Received: 02/01/2008 1518

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2008 1655
Date Prepared: 02/15/2008 1655

Analysis Batch: 660-58239

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1513.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: **Private Well 59**

Lab Sample ID: 660-20941-21
Client Matrix: Water

Date Sampled: 02/01/2008 0908
Date Received: 02/01/2008 1518

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2008 2146
Date Prepared: 02/15/2008 2146

Analysis Batch: 660-58239

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1526.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: **Private Well 38**

Lab Sample ID: 660-20941-22
Client Matrix: Water

Date Sampled: 02/01/2008 1055
Date Received: 02/01/2008 1518

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2008 1541
Date Prepared: 02/15/2008 1541

Analysis Batch: 660-57848

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1519.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	96		1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: **Private Well 102**

Lab Sample ID: 660-20941-23
Client Matrix: Water

Date Sampled: 02/01/2008 1115
Date Received: 02/01/2008 1518

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2008 1517
Date Prepared: 02/15/2008 1517

Analysis Batch: 660-57848

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1518.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-20941-1
Sdg Number: 660-20941

Client Sample ID: TB-32

Lab Sample ID: 660-20941-24
Client Matrix: Water

Date Sampled: 02/01/2008 0000
Date Received: 02/01/2008 1518

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2008 1447
Date Prepared: 02/15/2008 1447

Analysis Batch: 660-57848

Instrument ID: BVMH GC/MS
Lab File ID: 1HB1517.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

SAMPLE COMPLIANCE REPORT

SAMPLE COMPLIANCE REPORT

Sample Delivery Group	Sampling Date	Protocol	Sample ID	Matrix	Compliancy[1]					Noncompliance
					VOC	SVOC	PCB/PEST/ HERB	MET	MISC	
660-20941	2/1/2008	SW-846	MW-202	Water	Yes	--	--	--	--	
660-20941	2/1/2008	SW-846	MW-39	Water	Yes	--	--	--	--	
660-20941	2/1/2008	SW-846	MW-253	Water	No	--	--	--	--	VOC – CCAL %D
660-20941	2/1/2008	SW-846	MW-254	Water	Yes	--	--	--	--	
660-20941	2/1/2008	SW-846	MW-8D	Water	Yes	--	--	--	--	
660-20941	2/1/2008	SW-846	MW-123	Water	No	--	--	--	--	VOC – CCAL %D
660-20941	2/1/2008	SW-846	RW-1	Water	No	--	--	--	--	VOC – CCAL %D
660-20941	2/1/2008	SW-846	Dup-31	Water	Yes	--	--	--	--	
660-20941	2/1/2008	SW-846	EB-31	Water	No	--	--	--	--	VOC – CCAL %D
660-20941	2/1/2008	SW-846	TB-31	Water	No	--	--	--	--	VOC – CCAL %D
660-20941	2/1/2008	SW-846	Private Well 7	Water	No	--	--	--	--	VOC – CCAL %D
660-20941	2/1/2008	SW-846	MW-134	Water	No	--	--	--	--	VOC – CCAL %D
660-20941	2/1/2008	SW-846	Private Well 57	Water	No	--	--	--	--	VOC – CCAL %D
660-20941	2/1/2008	SW-846	Private Well 59	Water	No	--	--	--	--	VOC – CCAL %D
660-20941	2/1/2008	SW-846	Private Well 38	Water	Yes	--	--	--	--	
660-20941	2/1/2008	SW-846	Private Well 102	Water	Yes	--	--	--	--	
660-20941	2/1/2008	SW-846	TB-32	Water	No	--	--	--	--	VOC – CCAL %D
660-20941	2/1/2008	SW-846	DW-1	Water	No	--	--	--	--	VOC – CCAL %D
660-20941	2/1/2008	SW-846	MW-42	Water	No	--	--	--	--	VOC – CCAL %D
660-20941	2/1/2008	SW-846	MW-43	Water	No	--	--	--	--	VOC – CCAL %D
660-20941	2/1/2008	SW-846	IWI-1	Water	No	--	--	--	--	VOC – CCAL %D
660-20941	2/1/2008	SW-846	IWI-2	Water	Yes	--	--	--	--	
660-20941	2/1/2008	SW-846	EW-UAFG-1	Water	No	--	--	--	--	VOC – CCAL %D
660-20941	2/1/2008	SW-846	MW-38	Water	Yes	--	--	--	--	

1 Samples which are compliant with no added validation qualifiers are listed as "yes". Samples which are non-compliant or which have added qualifiers are listed as "no". A "no" designation does not necessarily indicate that the data have been rejected or are otherwise unusable.

ARCADIS

Attachment 9

DATA REVIEW FOR

LOCKHEED MARTIN - TALLEVAST

TALLEVAST, FLORIDA

SDG #660-21028

VOLATILE ANALYSES

Analyses performed by:

TestAmerica Laboratories
Tampa, Florida

Review performed by:

ARCADIS
Infrastructure, environment, facilities

Syracuse, New York
Report #8142R

Summary

The following is an assessment of the data package for sample delivery group (SDG) #660-21028 for sampling from the Lockheed Martin - Tallevast Site. Included with this assessment are the corrected sample results and the sample compliance report. Analyses were performed on the following samples:

Sample ID	Lab ID	Matrix	Sample Date	Analysis				
				VOC	SVOC	PCB	MET	MISC
PW-64	660-21028-1	Water	2/4/2008	X				
PW-65	660-21028-2	Water	2/4/2008	X				

VOLATILE ORGANIC COMPOUND (VOC) ANALYSES

Introduction

Analyses were performed according to (United Stated Environmental Protection Agency) USEPA SW-846 Method 8260B total ion monitoring (TIM) and 8260C selective ion monitoring (SIM) by isotope dilution. Data were reviewed in accordance with USEPA National Functional Guidelines of October 1999 and January 2005.

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with USEPA National Functional Guidelines:

U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

J The compound was positively identified; however, the associated numerical value is an estimated concentration only.

B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.

N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.

JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration only.

E The compound was quantitated above the calibration range.

D Concentration is based on a diluted sample analysis.

C Identification confirmed by gas chromatograph/mass spectrometer (GC/MS).

UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.

R The sample results are rejected.

Two facts should be noted by all data users. First, the "R" flag means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

Data Assessment

1. Holding Times

The specified holding times for the following methods are presented in the following table.

Method	Matrix	Holding Time	Preservation
SW-846 8260B/C	Water	14 days from collection to analysis	Cooled @ 4 °C; preserved to a pH of less than 2.
	Soil	48 hours from collection to extraction and 14 days from extraction to analysis	Cooled @ 4 °C.

All samples were analyzed within the specified holding times.

2. Blank Contamination

Quality assurance (QA) blanks (i.e., method, trip, and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure contamination of samples during shipment. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank (common laboratory contaminant compounds are calculated at ten times) is calculated for QA blanks containing concentrations greater than the method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

No compounds were detected in the associated blanks.

3. Mass Spectrometer Tuning

Mass spectrometer performance was acceptable.

System performance and column resolution were acceptable.

4. Calibration

Satisfactory instrument calibration is established to insure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument daily performance is satisfactory.

4.1 Initial Calibration

The method specifies percent relative standard deviation (%RSD) and relative response factor (RRF) limits for select compounds only. A technical review of the data applies limits to all compounds with no exceptions.

All target compounds analyzed by 8260B associated with the initial calibration standards must exhibit a %RSD less than the control limit (15%) or a correlation coefficient greater than 0.99. The compounds analyzed by method 8260B TIM must exhibit a RRF value greater than the control limit (0.05). The analysis of the target compound 1,4-Dioxane performed by method 8260C SIM by isotope dilution must exhibit a RRF value greater than the control limit (0.005).

4.2 Continuing Calibration

All target compounds analyzed by 8260B associated with the continuing calibration standard must exhibit a percent difference (%D) less then the control limit (20%) with the exception of 1,4-Dioxane must exhibit a %D less than the control limit of (50%). The compounds analyzed by method 8260B TIM must exhibit a RRF value greater than the control limit (0.05). The analysis of the target compound 1,4-Dioxane performed by method 8260C SIM by isotope dilution must exhibit a RRF value greater than the control limit (0.005).

All compounds associated with the calibrations were within the specified control limits, with the exception of the compounds presented in the following table.

Sample Locations	Initial/Continuing	Compound	Criteria
PW-64 PW-65	CCV %D	1,3-Dichloropropane	23.5%
		2-Hexanone	32.6%
		2-Butanone	23.0%
		4-Methyl-2-pentanone	29.9%
		Acetone	36.1%
		Bromomethane	29.2%

The criteria used to evaluate the initial and continuing calibration are presented in the following table. In the case of a calibration deviation, the sample results are qualified.

Initial/Continuing	Criteria	Sample Result	Qualification
Initial and Continuing Calibration	RRF <0.05	Non-detect	R
		Detect	J
	RRF <0.01[1]	Non-detect	R
		Detect	J
	RRF >0.05 or RRF >0.01[1]	Non-detect	No Action
		Detect	
Initial Calibration	%RSD > 15% or a correlation coefficient <0.99	Non-detect	UJ
		Detect	J
Continuing Calibration	%D >20% (increase in sensitivity)	Non-detect	No Action
		Detect	J
	%D >20% (decrease in sensitivity)	Non-detect	UJ
		Detect	J
	%D >90%	Non-detect	R
		Detect	J

1. RRF of 0.01 only applies to compounds which are typically poor responding compounds (i.e. ketones, 1,4-Dioxane, etc.)

5. Surrogates/System Monitoring Compounds

All samples to be analyzed for organic compounds are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. VOC analysis requires that all surrogates associated with the analysis exhibit recoveries within the laboratory-established acceptance limits.

All surrogate recoveries were within control limits.

6. Internal Standard Performance

Internal standard performance criteria insure that the GC/MS sensitivity and response are stable during every sample analysis. The criteria requires the internal standard compounds associated with the VOC exhibit area counts that are not greater than two times (+100%) or less than one-half (-50%) of the area counts of the associated continuing calibration standard.

All internal standard areas and retention times were within established limits.

7. Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analysis

MS/MSD data are used to assess the precision and accuracy of the analytical method. The compounds used to perform the MS/MSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits. The relative percent difference (RPD) between the MS/MSD recoveries must exhibit an RPD within the laboratory-established acceptance limits.

> Note: The MS/MSD recovery control limits do not apply for MS/MSD performed on sample locations were the compound concentration detected in the parent sample exceeds the MS/MSD concentration by a factor of four or greater.

A MS/MSD was not performed on a sample location within this SDG.

8. Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) Analysis

The LCS/LCSD analysis is used to assess the precision and accuracy of the analytical method independent of matrix interferences. The compounds associated with the LCS/LCSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits.

All compounds associated with the LCS/LCSD analysis exhibited acceptable recoveries and RPD between the LCS/LCSD recoveries.

9. Field Duplicate Analysis

Field duplicate analysis is used to assess the precision and accuracy of the field sampling procedures and analytical method. A control limit of 50% for water matrices is applied to the RPD between the parent sample and the field duplicate.

A field duplicate was not performed on a sample location within this SDG.

10. Compound Identification

Compounds are identified on the GC/MS by using the analytes relative retention time and ion spectra.

All identified compounds met the specified criteria.

11. System Performance and Overall Assessment

Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

CORRECTED SAMPLE ANALYSIS DATA SHEETS

Analytical Data

Client: ARCADIS

Job Number: 660-21028-1
Sdg Number: 660-21028

Client Sample ID: PW-64

Lab Sample ID: 660-21028-1
Client Matrix: Water

Date Sampled: 02/04/2008 0955
Date Received: 02/07/2008 1100

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/16/2008 2053
Date Prepared: 02/16/2008 2053

Analysis Batch: 660-57855

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1627.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-21028-1
Sdg Number: 660-21028

Client Sample ID: PW-64

Lab Sample ID: 660-21028-1
Client Matrix: Water

Date Sampled: 02/04/2008 0955
Date Received: 02/07/2008 1100

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/16/2008 2053
Date Prepared: 02/16/2008 2053

Analysis Batch: 660-57855

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1627.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	103	77 - 122
4-Bromofluorobenzene	99	74 - 126
Dibromofluoromethane	103	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-21028-1
Sdg Number: 660-21028

Client Sample ID: PW-65

Lab Sample ID: 660-21028-2
Client Matrix: Water

Date Sampled: 02/04/2008 1118
Date Received: 02/07/2008 1100

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/16/2008 2116
Date Prepared: 02/16/2008 2116

Analysis Batch: 660-57855

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1628.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Benzene	0.50	U	0.50	1.0
Bromobenzene	0.58	U	0.58	1.0
Chlorobromomethane	0.58	U	0.58	1.0
Dichlorobromomethane	0.35	U	0.35	1.0
Bromoform	0.58	U	0.58	1.0
Bromomethane	2.5	U	2.5	5.0
n-Butylbenzene	0.67	U	0.67	1.0
sec-Butylbenzene	0.63	U	0.63	1.0
tert-Butylbenzene	0.84	U	0.84	1.0
Carbon tetrachloride	0.42	U	0.42	1.0
Chlorobenzene	0.63	U	0.63	1.0
Chloroethane	2.5	U	2.5	5.0
Chloroform	0.90	U	0.90	1.0
Chloromethane	1.0	U	1.0	4.0
2-Chlorotoluene	0.65	U	0.65	1.0
4-Chlorotoluene	0.52	U	0.52	1.0
Chlorodibromomethane	0.34	U	0.34	1.0
1,2-Dibromo-3-Chloropropane	2.5	U	2.5	5.0
Ethylene Dibromide	0.50	U	0.50	1.0
Dibromomethane	0.41	U	0.41	1.0
1,2-Dichlorobenzene	0.44	U	0.44	1.0
1,3-Dichlorobenzene	0.64	U	0.64	1.0
1,4-Dichlorobenzene	0.52	U	0.52	1.0
Dichlorodifluoromethane	2.5	U	2.5	5.0
1,1-Dichloroethane	0.52	U	0.52	1.0
1,2-Dichloroethane	0.57	U	0.57	1.0
1,1-Dichloroethene	0.45	U	0.45	1.0
cis-1,2-Dichloroethene	0.65	U	0.65	1.0
trans-1,2-Dichloroethene	0.44	U	0.44	1.0
1,2-Dichloropropane	0.52	U	0.52	1.0
1,3-Dichloropropane	0.39	U	0.39	1.0
2,2-Dichloropropane	0.36	U	0.36	1.0
1,1-Dichloropropene	0.31	U	0.31	1.0
cis-1,3-Dichloropropene	0.14	U	0.14	1.0
trans-1,3-Dichloropropene	0.14	U	0.14	1.0
Ethylbenzene	0.44	U	0.44	1.0
Hexachlorobutadiene	0.40	U	0.40	1.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.69	U	0.69	1.0
Methylene Chloride	4.0	U	4.0	5.0
Naphthalene	2.5	U	2.5	5.0
N-Propylbenzene	0.59	U	0.59	1.0
Styrene	0.98	U	0.98	2.0
1,1,1,2-Tetrachloroethane	0.63	U	0.63	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-21028-1
Sdg Number: 660-21028

Client Sample ID: PW-65

Lab Sample ID: 660-21028-2
Client Matrix: Water

Date Sampled: 02/04/2008 1118
Date Received: 02/07/2008 1100

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/16/2008 2116
Date Prepared: 02/16/2008 2116

Analysis Batch: 660-57855

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1628.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,1,2,2-Tetrachloroethane	0.15	U	0.15	1.0
Tetrachloroethene	0.50	U	0.50	1.0
Toluene	0.51	U	0.51	1.0
1,2,3-Trichlorobenzene	0.77	U	0.77	1.0
1,2,4-Trichlorobenzene	0.58	U	0.58	1.0
1,1,1-Trichloroethane	0.46	U	0.46	1.0
1,1,2-Trichloroethane	0.47	U	0.47	1.0
Trichloroethene	0.50	U	0.50	1.0
Trichlorofluoromethane	2.5	U	2.5	5.0
1,2,3-Trichloropropane	0.18	U	0.18	1.0
1,2,4-Trimethylbenzene	0.86	U	0.86	1.0
1,3,5-Trimethylbenzene	0.54	U	0.54	1.0
Vinyl chloride	0.50	U	0.50	1.0
o-Xylene	0.50	U	0.50	1.0
Acetone	9.9	U	9.9	20
2-Butanone (MEK)	8.4	U	8.4	10
4-Methyl-2-pentanone (MIBK)	3.8	U	3.8	10
Carbon disulfide	0.85	U	0.85	1.0
2-Hexanone	4.4	U	4.4	10
Methyl tert-butyl ether	0.44	U	0.44	1.0
m-Xylene & p-Xylene	0.60	U	0.60	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	103	77 - 122
4-Bromofluorobenzene	101	74 - 126
Dibromofluoromethane	103	70 - 130

Analytical Data

Client: ARCADIS

Job Number: 660-21028-1
Sdg Number: 660-21028

Client Sample ID: PW-64

Lab Sample ID: 660-21028-1
Client Matrix: Water

Date Sampled: 02/04/2008 0955
Date Received: 02/07/2008 1100

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/16/2008 2053
Date Prepared: 02/16/2008 2053

Analysis Batch: 660-57857

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1627.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

Analytical Data

Client: ARCADIS

Job Number: 660-21028-1
Sdg Number: 660-21028

Client Sample ID: PW-65

Lab Sample ID: 660-21028-2
Client Matrix: Water

Date Sampled: 02/04/2008 1118
Date Received: 02/07/2008 1100

8260C SIM/ID 1,4-Dioxane by SIM/Isotopic Dilution

Method: 8260C SIM/ID
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/16/2008 2116
Date Prepared: 02/16/2008 2116

Analysis Batch: 660-57857

Instrument ID: BVMJ GC/MS
Lab File ID: 1JB1628.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	PQL
1,4-Dioxane	1.0	U	1.0	1.0

SAMPLE COMPLIANCE REPORT

SAMPLE COMPLIANCE REPORT

Sample Delivery Group	Sampling Date	Protocol	Sample ID	Matrix	Compliancy[1]					Noncompliance
					VOC	SVOC	PCB/PEST/ HERB	MET	MISC	
660-21028	2/4/2008	SW-846	PW-64	Water	Yes	--	--	--	--	
660-21028	2/4/2008	SW-846	PW-65	Water	Yes	--	--	--	--	

1 Samples which are compliant with no added validation qualifiers are listed as "yes". Samples which are non-compliant or which have added qualifiers are listed as "no". A "no" designation does not necessarily indicate that the data have been rejected or are otherwise unusable.

ARCADIS

Appendix D

Historical Data

APPENDIX D-1
HISTORICAL SUMMARY OF MONITORING WELL GROUNDWATER ELEVATIONS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

			October 17-19 2006		December 28 2006		February 20 2007		April 23 2007		December 3-6 2007		December 7 2007		January 21-22 2008		January 25-31 2008	
Well ID	Zone	Top of Inner Casing (ft-msl)	Depth To Water (ft-toc)	Water Elevation (ft-msl)	Depth To Water (ft-toc)	Water Elevation (ft-msl)	Depth To Water (ft-toc)	Water Elevation	Depth To Water (ft-toc)	Water Elevation (ft-msl)	Depth To Water (ft-toc)	Water Elevation (ft-msl)	Depth To Water (ft-toc)	Water Elevation (ft-msl)	Depth To Water (ft-toc)	Water Elevation	Depth To Water (ft-toc)	Water Elevation
DW-1	AF Gravel	31.00	11.40	19.60	13.87	17.13	13.81	17.19	NM	NM	13.15	17.85	13.25	17.75	14.54	16.46	NM	NM
EW-102	LSAS	30.52	NM	NM	NM	NM	NM	NM	NM	NM	8.08	22.44	8.20	22.32	NM	NM	11.82	18.70
EW-103	USAS	29.86	NM	NM	NM	NM	NM	NM	NM	NM	3.73	26.13	3.77	26.09	NM	NM	9.30	20.56
EW-104	LSAS	29.77	NM	NM	NM	NM	NM	NM	NM	NM	5.13	24.64	5.18	24.59	NM	NM	16.50	13.27
EW-105	USAS	30.40	NM	NM	NM	NM	NM	NM	NM	NM	4.12	26.28	4.16	26.24	NM	NM	15.31	15.09
EW-106	LSAS	30.33	NM	NM	NM	NM	NM	NM	NM	NM	5.57	24.76	5.64	24.69	NM	NM	22.47	7.86
EW-107	USAS	29.64	NM	NM	NM	NM	NM	NM	NM	NM	3.32	26.32	3.39	26.25	NM	NM	3.48	26.16
EW-109	USAS	30.10	NM	NM	NM	NM	NM	NM	NM	NM	3.30	26.80	3.38	26.72	NM	NM	3.48	26.62
EW-110	LSAS	30.12	NM	NM	NM	NM	NM	NM	NM	NM	3.60	26.52	3.69	26.43	NM	NM	14.80	15.32
EW-UAFG-1	AF Gravel	31.66	NM	NM	NM	NM	NM	NM	NM	NM	16.09	15.57	15.91	15.75	NM	NM	16.84	14.82
EXL-1 (EW-108)	LSAS	30.09	NM	NM	NM	NM	NM	NM	NM	NM	8.28	21.81	8.38	21.71	NM	NM	16.50	13.59
EXU-1 (EW-101)	USAS	30.31	NM	NM	NM	NM	NM	NM	NM	NM	3.99	26.32	4.04	26.27	NM	NM	15.92	14.39
IWI-1	AF Gravel	31.71	NM	NM	16.52	15.19	16.89	14.82	NM	NM	16.25	15.46	16.28	15.43	16.45	15.26	NM	NM
IWI-2	Zone 3-4 Clay	31.62	NM	NM	18.40	13.22	16.94	14.68	NM	NM	18.68	12.94	18.79	12.83	19.97	11.65	NM	NM
MW-2	USAS	29.85	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-3	USAS	30.52	2.49	28.03	3.65	26.87	4.01	26.51	4.91	25.61	4.11	26.41	4.16	26.36	4.32	26.20	NM	NM
MW-4	USAS	31.50	3.50	28.00	4.68	26.82	5.12	26.38	5.84	25.66	5.10	26.40	5.17	26.33	5.50	26.00	NM	NM
MW-5	USAS	32.17	4.22	27.95	4.91	27.26	5.30	26.87	6.18	25.99	5.44	26.73	5.53	26.64	5.72	26.45	NM	NM
MW-6	USAS	31.92	4.12	27.80	4.88	27.04	5.29	26.63	6.02	25.90	5.41	26.51	5.47	26.45	5.78	26.14	NM	NM
MW-7D	USAS	31.30	2.89	28.41	3.43	27.87	4.17	27.13	4.91	26.39	4.12	27.18	4.22	27.08	4.21	27.09	NM	NM
MW-7S	USAS	31.50	3.10	28.40	3.63	27.87	4.15	27.35	5.16	26.34	4.31	27.19	NM	NM	4.41	27.09	NM	NM
MW-8D	USAS	30.96	2.58	28.38	3.40	27.56	3.91	27.05	5.23	25.73	4.01	26.95	4.09	26.87	4.06	26.90	NM	NM
MW-8S	USAS	30.99	2.55	28.44	3.44	27.55	3.90	27.09	4.92	26.07	4.06	26.93	NM	NM	4.13	26.86	NM	NM
MW-9D	USAS	30.21	2.79	27.42	3.61	26.60	4.01	26.20	4.66	25.55	4.31	25.90	4.35	25.86	4.60	25.61	NM	NM
MW-9S	USAS	30.24	2.79	27.45	3.65	26.59	4.05	26.19	4.96	25.28	4.33	25.91	NM	NM	4.65	25.59	NM	NM
MW-10	USAS	31.74	3.79	27.95	5.35	26.39	5.71	26.03	6.40	25.34	5.40	26.34	5.46	26.28	5.65	26.09	11.25	20.49
MW-11	USAS	31.87	3.63	28.24	4.82	27.05	5.14	26.73	5.95	25.92	5.20	26.67	5.25	26.62	5.46	26.41	NM	NM
MW-12	USAS	31.04	NM	NM	4.49	26.55	4.94	26.10	5.80	25.24	4.90	26.14	4.93	26.11	5.17	25.87	NM	NM
MW-13D	USAS	30.85	3.48	27.37	4.30	26.55	4.95	25.90	5.60	25.25	4.96	25.89	5.01	25.84	5.30	25.55	NM	NM
MW-13S	USAS	30.66	NM	NM	4.10	26.56	4.77	25.89	NM	NM	4.91	25.75	4.81	25.85	5.12	25.54	NM	NM
MW-14D	USAS	29.75	2.75	27.00	3.99	25.76	3.98	25.77	5.52	24.23	4.06	25.69	4.12	25.63	4.36	25.39	NM	NM
MW-14S	USAS	29.74	2.74	27.00	3.32	26.42	3.95	25.79	4.65	25.09	4.04	25.70	NM	NM	4.35	25.39	NM	NM
MW-15D	USAS	30.20	3.07	27.13	3.76	26.44	4.31	25.89	4.90	25.30	4.48	25.72	4.54	25.66	4.87	25.33	NM	NM
MW-15S	USAS	30.09	2.93	27.16	3.63	26.46	4.18	25.91	5.00	25.09	4.36	25.73	NM	NM	4.74	25.35	NM	NM
MW-16D	USAS	27.26	2.69	24.57	2.36	24.90	2.72	24.54	NM	NM	3.04	24.22	NM	NM	3.16	24.10	NM	NM
MW-16S	USAS	27.26	NM	NM	2.49	24.77	2.85	24.41	NM	NM	3.15	24.11	NM	NM	3.24	24.02	NM	NM
MW-17D	USAS	30.23	3.18	27.05	3.79	26.44	4.40	25.83	5.21	25.02	4.57	25.66	4.63	25.60	4.91	25.32	NM	NM
MW-17S	USAS	30.09	3.00	27.09	3.63	26.46	5.28	24.81	5.01	25.08	4.40	25.69	NM	NM	4.74	25.35	NM	NM
MW-18D	USAS	28.04	NM	NM	2.75	25.29	3.12	24.92	NM	NM	NM	NM	NM	NM	NM	NM	3.04	25.00
MW-18S	USAS	28.00	NM	NM	2.67	25.33	3.04	24.96	NM	NM	NM	NM	NM	NM	NM	NM	2.97	25.03
MW-19	Lower AF	31.25	15.97	15.28	17.65	13.60	16.98	14.27	NM	NM	18.61	12.64	18.69	12.56	19.25	12.00	NM	NM
MW-20	USAS	30.29	NM	NM	4.88	25.41	NM	NM	NM	NM	5.76	24.53	NM	NM	5.87	24.42	NM	NM
MW-21	S&P Sand	28.88	NM	NM	16.63	12.25	15.24	13.64	NM	NM	NM	NM	NM	NM	NM	NM	17.95	10.93
MW-22	Lower AF	28.71	NM	NM	19.19	9.52	16.08	12.63	NM	NM	16.16	12.55	NM	NM	16.94	11.77	NM	NM
MW-23	S&P Sand	28.70	NM	NM	15.68	13.02	14.93	13.77	NM	NM	15.54	13.16	NM	NM	17.05	11.65	NM	NM
MW-24	USAS	30.01	NM	NM	NM	NM	5.74	24.27	NM	NM	5.87	24.14	NM	NM	5.82	24.19	NM	NM
MW-25	USAS	29.58	NM	NM	3.64	25.94	4.18	25.40	NM	NM	4.16	25.42	NM	NM	4.29	25.29	NM	NM
MW-26	USAS	26.76	NM	NM	3.49	23.27	3.57	23.19	NM	NM	NM	NM	NM	NM	NM	NM	3.58	23.18
MW-27	USAS	27.06	2.78	24.28	2.63	24.43	2.82	24.24	NM	NM	NM	NM	NM	NM	NM	NM	2.90	24.16
MW-28	USAS	27.81	NM	NM	2.65	25.16	3.00	24.81	NM	NM	NM	NM	NM	NM	NM	NM	3.00	24.81
MW-29	USAS	27.73	NM	NM	2.61	25.12	2.96	24.77	NM	NM	NM	NM	NM	NM	NM	NM	2.87	24.86
MW-30	USAS	29.24	3.08	26.16	NM	NM	3.68	25.56	4.50	24.74	3.99	25.25	NM	NM	4.26	24.98	NM	NM
MW-31	Lower AF	28.49	NM	NM	15.24	13.25	14.35	14.14	NM	NM	NM	NM	NM	NM	NM	NM	16.75	11.74

Notes on Page 6

APPENDIX D-1
HISTORICAL SUMMARY OF MONITORING WELL GROUNDWATER ELEVATIONS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

			October 17-19 2006		December 28 2006		February 20 2007		April 23 2007		December 3-6 2007		December 7 2007		January 21-22 2008		January 25-31 2008	
Well ID	Zone	Top of Inner Casing (ft-msl)	Depth To Water (ft-toc)	Water Elevation (ft-msl)	Depth To Water (ft-toc)	Water Elevation (ft-msl)	Depth To Water (ft-toc)	Water Elevation	Depth To Water (ft-toc)	Water Elevation (ft-msl)	Depth To Water (ft-toc)	Water Elevation (ft-msl)	Depth To Water (ft-toc)	Water Elevation (ft-msl)	Depth To Water (ft-toc)	Water Elevation	Depth To Water (ft-toc)	Water Elevation
MW-32	USAS	31.00	3.04	27.96	4.39	26.61	4.75	26.25	5.59	25.41	4.67	26.33	4.68	26.32	4.82	26.18	NM	NM
MW-33	LSAS	31.00	8.42	22.58	11.16	19.84	11.81	19.19	13.13	17.87	9.27	21.73	9.37	21.63	10.40	20.60	NM	NM
MW-34	S&P Sand	29.99	NM	NM	NM	NM	NM	NM	NM	NM	17.09	12.90	NM	NM	18.64	11.35	NM	NM
MW-35	USAS	29.88	NM	NM	NM	NM	NM	NM	3.75	26.13	2.83	27.05	2.93	26.95	3.02	26.86	NM	NM
MW-36	USAS	31.71	4.00	27.71	6.33	25.38	7.18	24.53	7.74	23.97	5.58	26.13	5.64	26.07	5.89	25.82	NM	NM
MW-37	LSAS	31.60	9.10	22.50	11.91	19.69	12.48	19.12	13.58	18.02	9.90	21.70	10.00	21.60	11.09	20.51	NM	NM
MW-38	USAS	31.15	3.39	27.76	NM	NM	5.51	25.64	6.40	24.75	4.99	26.16	5.06	26.09	5.29	25.86	NM	NM
MW-39	LSAS	31.18	7.75	23.43	NM	NM	10.83	20.35	12.94	18.24	8.83	22.35	8.94	22.24	9.96	21.22	NM	NM
MW-40	USAS	31.32	3.55	27.77	4.82	26.50	5.17	26.15	6.03	25.29	5.17	26.15	5.24	26.08	5.46	25.86	NM	NM
MW-41	LSAS	31.22	8.70	22.52	11.42	19.80	12.11	19.11	13.35	17.87	9.49	21.73	9.60	21.62	9.67	21.55	NM	NM
MW-42	USAS	31.49	3.82	27.67	5.28	26.21	5.85	25.64	6.67	24.82	5.43	26.06	5.50	25.99	5.74	25.75	NM	NM
MW-43	LSAS	31.48	8.97	22.51	11.69	19.79	12.21	19.27	13.62	17.86	9.76	21.72	9.91	21.57	10.96	20.52	NM	NM
MW-44	S&P Sand	30.88	15.00	15.88	18.00	12.88	16.84	14.04	NM	NM	NM	NM	NM	NM	NM	NM	19.13	11.75
MW-45	S&P Sand	30.58	14.72	15.86	17.85	12.73	16.40	14.18	NM	NM	17.89	12.69	NM	NM	19.45	11.13	NM	NM
MW-46	Lower AF	27.33	NM	NM	13.51	13.82	12.70	14.63	NM	NM	14.58	12.75	NM	NM	15.23	12.10	NM	NM
MW-47	USAS	29.42	NM	NM	4.06	25.36	4.34	25.08	NM	NM	4.68	24.74	NM	NM	5.06	24.36	NM	NM
MW-48	LSAS	30.40	8.83	21.57	12.00	18.40	11.76	18.64	12.94	17.46	NM	NM	NM	NM	11.09	19.31	NM	NM
MW-49	S&P Sand	29.37	NM	NM	16.84	12.53	16.03	13.34	NM	NM	17.57	11.80	NM	NM	18.41	10.96	NM	NM
MW-50	Lower AF	27.56	NM	NM	14.06	13.50	13.35	14.21	NM	NM	NM	NM	NM	NM	NM	NM	15.71	11.85
MW-51	Lower AF	26.89	NM	NM	13.28	13.61	12.23	14.66	NM	NM	NM	NM	NM	NM	NM	NM	14.90	11.99
MW-52	S&P Sand	27.11	NM	NM	14.19	12.92	13.58	13.53	NM	NM	NM	NM	NM	NM	NM	NM	15.62	11.49
MW-53	S&P Sand	27.77	NM	NM	14.82	12.95	14.01	13.76	NM	NM	NM	NM	NM	NM	NM	NM	16.24	11.53
MW-54	S&P Sand	26.88	NM	NM	13.86	13.02	13.19	13.69	NM	NM	NM	NM	NM	NM	NM	NM	15.30	11.58
MW-55	AF Gravel	30.03	NM	NM	NM	NM	18.25	11.78	NM	NM	16.58	13.45	NM	NM	17.42	12.61	NM	NM
MW-56	S&P Sand	27.28	11.57	15.71	14.84	12.44	13.63	13.65	NM	NM	14.60	12.68	NM	NM	16.18	11.10	NM	NM
MW-57	S&P Sand	30.35	14.53	15.82	17.55	12.80	16.29	14.06	NM	NM	17.34	13.01	NM	NM	19.29	11.06	NM	NM
MW-58	S&P Sand	31.26	15.45	15.81	18.41	12.85	16.90	14.36	NM	NM	18.68	12.58	NM	NM	19.95	11.31	NM	NM
MW-59	S&P Sand	28.48	NM	NM	17.04	11.44	13.91	14.57	NM	NM	NM	NM	NM	NM	NM	NM	16.89	11.59
MW-60	S&P Sand	28.33	NM	NM	17.59	10.74	14.88	13.45	NM	NM	NM	NM	NM	NM	NM	NM	17.11	11.22
MW-61	S&P Sand	27.50	NM	NM	20.12	7.38	16.44	11.06	NM	NM	17.10	10.40	NM	NM	17.45	10.05	NM	NM
MW-62	USAS	27.35	NM	NM	3.04	24.31	3.24	24.11	NM	NM	3.42	23.93	NM	NM	3.75	23.60	NM	NM
MW-63	USAS	27.37	2.88	24.49	2.70	24.67	3.03	24.34	NM	NM	3.33	24.04	NM	NM	3.54	23.83	NM	NM
MW-64	USAS	27.38	NM	NM	2.61	24.77	2.91	24.47	NM	NM	NM	NM	NM	NM	NM	NM	2.76	24.62
MW-65	USAS	28.76	NM	NM	NM	NM	3.65	25.11	NM	NM	NM	NM	NM	NM	NM	NM	3.35	25.41
MW-66	USAS	29.20	NM	NM	3.02	26.18	3.63	25.57	NM	NM	3.71	25.49	NM	NM	4.10	25.10	NM	NM
MW-67	USAS	30.79	3.70	27.09	4.56	26.23	5.10	25.69	NM	NM	5.36	25.43	NM	NM	NM	NM	5.11	25.68
MW-68	LSAS	28.60	NM	NM	11.61	16.99	11.19	17.41	NM	NM	NM	NM	NM	NM	NM	NM	10.90	17.70
MW-69	USAS	26.91	NM	NM	4.86	22.05	4.33	22.58	NM	NM	5.38	21.53	NM	NM	4.67	22.24	NM	NM
MW-70	USAS	31.89	4.03	27.86	5.19	26.70	5.60	26.29	6.37	25.52	5.78	26.11	5.85	26.04	6.16	25.73	NM	NM
MW-71	USAS	31.23	3.69	27.54	4.94	26.29	7.27	23.96	6.45	24.78	5.25	25.98	5.32	25.91	5.60	25.63	NM	NM
MW-72	USAS	30.97	3.13	27.84	3.61	27.36	4.03	26.94	4.63	26.34	4.17	26.80	4.26	26.71	4.39	26.58	NM	NM
MW-73	USAS	26.03	2.58	23.45	NM	NM	3.26	22.77	NM	NM	3.04	22.99	NM	NM	3.20	22.83	NM	NM
MW-74	USAS	27.90	1.84	26.06	2.38	25.52	2.81	25.09	NM	NM	2.67	25.23	NM	NM	2.82	25.08	NM	NM
MW-75	USAS	31.38	NM	NM	NM	NM	NM	NM	NM	NM	5.94	25.44	NM	NM	5.76	25.62	NM	NM
MW-76	USAS	30.84	3.30	27.54	4.40	26.44	5.29	25.55	5.69	25.15	4.82	26.02	4.90	25.94	5.13	25.71	NM	NM
MW-77	LSAS	29.73	4.06	25.67	4.55	25.18	5.03	24.70	6.00	23.73	5.27	24.46	5.33	24.40	6.19	23.54	NM	NM
MW-78	LSAS	30.23	5.06	25.17	6.80	23.43	7.43	22.80	8.25	21.98	NM	NM	NM	NM	NM	NM	8.02	22.21
MW-79	LSAS	30.11	7.54	22.57	10.62	19.49	11.02	19.09	12.15	17.96	8.29	21.82	8.35	21.76	9.26	20.85	NM	NM
MW-80	LSAS	30.99	8.01	22.98	9.84	21.15	10.17	20.82	11.35	19.64	8.65	22.34	8.83	22.16	9.41	21.58	NM	NM
MW-81	LSAS	31.01	9.69	21.32	12.61	18.40	12.77	18.24	14.39	16.62	10.51	20.50	10.52	20.49	11.71	19.30	NM	NM
MW-82	LSAS	27.24	2.52	24.72	3.97	23.27	4.51	22.73	NM	NM	3.85	23.39	NM	NM	4.70	22.54	NM	NM
MW-83	AF Gravel	25.51	10.42	15.09	NM	NM	12.30	13.21	NM	NM	12.57	12.94	NM	NM	13.81	11.70	NM	NM
MW-84	LSAS	31.15	8.21	22.94	9.93	21.22	10.14	21.01	7.31	23.84	8.90	22.25	9.07	22.08	9.58	21.57	NM	NM

Notes on Page 6

APPENDIX D-1
HISTORICAL SUMMARY OF MONITORING WELL GROUNDWATER ELEVATIONS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

			October 17-19 2006		December 28 2006		February 20 2007		April 23 2007		December 3-6 2007		December 7 2007		January 21-22 2008		January 25-31 2008	
Well ID	Zone	Top of Inner Casing (ft-msl)	Depth To Water (ft-toc)	Water Elevation (ft-msl)	Depth To Water (ft-toc)	Water Elevation (ft-msl)	Depth To Water (ft-toc)	Water Elevation	Depth To Water (ft-toc)	Water Elevation (ft-msl)	Depth To Water (ft-toc)	Water Elevation (ft-msl)	Depth To Water (ft-toc)	Water Elevation (ft-msl)	Depth To Water (ft-toc)	Water Elevation	Depth To Water (ft-toc)	Water Elevation
MW-85	LSAS	29.55	4.36	25.19	5.51	24.04	6.83	22.72	NM	NM	5.35	24.20	NM	NM	5.58	23.97	NM	NM
MW-86	LSAS	28.77	9.45	19.32	11.52	17.25	11.11	17.66	NM	NM	NM	NM	NM	NM	NM	NM	11.25	17.52
MW-87	LSAS	30.26	NM	NM	NM	NM	NM	NM	5.90	24.36	4.65	25.61	4.77	25.49	4.56	25.70	NM	NM
MW-88	Zone 1 Clay	27.28	8.33	18.95	12.35	14.93	10.95	16.33	NM	NM	11.41	15.87	NM	NM	13.50	13.78	NM	NM
MW-89	USAS	29.50	NM	NM	3.41	26.09	3.84	25.66	NM	NM	4.00	25.50	NM	NM	4.43	25.07	NM	NM
MW-90	USAS	27.95	NM	NM	2.74	25.21	3.02	24.93	NM	NM	3.25	24.70	NM	NM	3.66	24.29	NM	NM
MW-91	LSAS	27.66	7.29	20.37	9.01	18.65	9.21	18.45	NM	NM	NM	NM	NM	NM	NM	NM	7.95	19.71
MW-92	LSAS	27.35	9.83	17.52	11.73	15.62	11.20	16.15	NM	NM	11.40	15.95	NM	NM	12.54	14.81	NM	NM
MW-93	LSAS	27.73	10.36	17.37	11.80	15.93	11.35	16.38	NM	NM	11.62	16.11	NM	NM	NM	NM	12.54	15.19
MW-94	USAS	25.40	2.70	22.70	NM	NM	2.50	22.90	NM	NM	3.11	22.29	NM	NM	3.09	22.31	NM	NM
MW-95	USAS	24.85	NM	NM	NM	NM	2.19	22.66	NM	NM	2.91	21.94	NM	NM	2.92	21.93	NM	NM
MW-96	Zone 3-4 Clay	25.14	NM	NM	12.81	12.33	12.29	12.85	NM	NM	13.47	11.67	NM	NM	14.14	11.00	NM	NM
MW-97	Zone 3-4 Clay	25.29	NM	NM	13.05	12.24	12.85	12.44	NM	NM	14.11	11.18	NM	NM	14.75	10.54	NM	NM
MW-98	LSAS	25.75	2.99	22.76	NM	NM	3.74	22.01	NM	NM	3.61	22.14	NM	NM	3.83	21.92	NM	NM
MW-99	Zone 1 Clay	25.26	NM	NM	10.07	15.19	9.26	16.00	NM	NM	9.03	16.23	NM	NM	11.60	13.66	NM	NM
MW-100	USAS	25.23	NM	NM	5.04	20.19	5.15	20.08	NM	NM	3.56	21.67	NM	NM	5.13	20.10	NM	NM
MW-101	LSAS	30.09	NM	NM	NM	NM	10.15	19.94	NM	NM	7.04	23.05	NM	NM	7.33	22.76	NM	NM
MW-102	AF Gravel	26.10	NM	NM	12.50	13.60	10.67	15.43	NM	NM	12.57	13.53	NM	NM	13.31	12.79	NM	NM
MW-103	USAS	26.19	NM	NM	4.07	22.12	4.45	21.74	NM	NM	4.34	21.85	NM	NM	4.61	21.58	NM	NM
MW-104	USAS	26.39	NM	NM	2.42	23.97	2.62	23.77	NM	NM	NM	NM	NM	NM	NM	NM	2.74	23.65
MW-105	LSAS	26.41	3.75	22.66	5.41	21.00	6.81	19.60	NM	NM	NM	NM	NM	NM	NM	NM	4.93	21.48
MW-106	LSAS	28.31	5.90	22.41	6.72	21.59	7.60	20.71	NM	NM	6.36	21.95	NM	NM	7.04	21.27	NM	NM
MW-107	USAS	24.72	NM	NM	NM	NM	2.99	21.73	NM	NM	3.62	21.10	NM	NM	3.75	20.97	NM	NM
MW-108	USAS	24.36	NM	NM	NM	NM	3.39	20.97	NM	NM	3.10	21.26	NM	NM	3.68	20.68	NM	NM
MW-109	USAS	28.45	NM	NM	4.52	23.93	4.40	24.05	NM	NM	4.96	23.49	NM	NM	NM	NM	4.45	24.00
MW-110	USAS	28.80	NM	NM	3.95	24.85	3.88	24.92	NM	NM	NM	NM	NM	NM	NM	NM	3.80	25.00
MW-111	USAS	26.37	NM	NM	2.61	23.76	2.88	23.49	NM	NM	NM	NM	NM	NM	NM	NM	2.82	23.55
MW-112	Zone 1 Clay	28.28	NM	NM	19.46	8.82	14.68	13.60	NM	NM	13.70	14.58	NM	NM	12.78	15.50	NM	NM
MW-113	LSAS	26.31	NM	NM	10.62	15.69	10.08	16.23	NM	NM	NM	NM	NM	NM	NM	NM	11.52	14.79
MW-114	USAS	24.79	2.32	22.47	NM	NM	2.63	22.16	NM	NM	3.00	21.79	NM	NM	3.11	21.68	NM	NM
MW-115	USAS	30.21	NM	NM	6.74	23.47	7.01	23.20	NM	NM	7.02	23.19	NM	NM	7.01	23.20	NM	NM
MW-116	USAS	21.84	NM	NM	NM	NM	2.02	19.82	NM	NM	2.70	19.14	NM	NM	2.19	19.65	NM	NM
MW-117	LSAS	21.56	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.60	14.96
MW-118	USAS	21.47	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	5.95	15.52
MW-119	LSAS	21.18	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	9.33	11.85
MW-120	USAS	21.18	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	2.85	18.33
MW-121	USAS	21.35	NM	NM	7.92	13.43	8.06	13.29	NM	NM	7.93	13.42	NM	NM	8.02	13.33	NM	NM
MW-122	USAS	20.06	NM	NM	6.49	13.57	6.36	13.70	NM	NM	6.12	13.94	NM	NM	6.53	13.53	NM	NM
MW-123	Floridan	30.90	NM	NM	16.19	14.71	13.55	17.35	18.80	12.10	16.84	14.06	17.37	13.53	NM	NM	18.38	12.52
MW-124	Zone 2 Clay	28.97	NM	NM	15.62	13.35	35.55	-6.58	NM	NM	16.44	12.53	NM	NM	13.42	15.55	NM	NM
MW-125	Venice Clay	29.52	NM	NM	6.93	22.59	7.90	21.62	NM	NM	8.21	21.31	NM	NM	7.93	21.59	NM	NM
MW-126	USAS	28.32	NM	NM	7.50	20.82	8.01	20.31	NM	NM	6.95	21.37	NM	NM	7.48	20.84	NM	NM
MW-127	AF Gravel	31.74	14.02	17.72	16.39	15.35	16.08	15.66	18.40	13.34	16.21	15.53	16.02	15.72	16.26	15.48	NM	NM
MW-128	S&P Sand	31.59	15.59	16.00	18.63	12.96	17.31	14.28	20.02	11.57	18.70	12.89	18.80	12.79	20.08	11.51	NM	NM
MW-129	AF Gravel	31.41	14.22	17.19	16.45	14.96	15.55	15.86	NM	NM	16.25	15.16	13.50	17.91	17.09	14.32	NM	NM
MW-130	AF Gravel	30.37	13.30	17.07	15.20	15.17	14.30	16.07	NM	NM	14.87	15.50	14.92	15.45	15.92	14.45	NM	NM
MW-131	AF Gravel	27.33	11.90	15.43	14.15	13.18	13.83	13.50	NM	NM	14.35	12.98	NM	NM	15.56	11.77	NM	NM
MW-132	AF Gravel	30.07	13.25	16.82	15.61	14.46	15.31	14.76	NM	NM	15.53	14.54	15.73	14.34	16.26	13.81	NM	NM
MW-133	AF Gravel	27.68	11.92	15.76	14.22	13.46	14.02	13.66	NM	NM	NM	NM	NM	NM	NM	NM	15.11	12.57
MW-134	AF Gravel	31.10	13.91	17.19	16.28	14.82	15.96	15.14	NM	NM	15.95	15.15	16.35	14.75	16.83	14.27	NM	NM
MW-135	AF Gravel	27.64	12.22	15.42	NM	NM	14.25	13.39	NM	NM	14.67	12.97	NM	NM	NM	NM	15.58	12.06
MW-136	AF Gravel	25.23	NM	NM	NM	NM	NM	NM	NM	NM	14.01	11.22	NM	NM	15.01	10.22	NM	NM
MW-137	USAS	25.49	NM	NM	2.31	23.18	2.74	22.75	NM	NM	2.80	22.69	NM	NM	2.95	22.54	NM	NM

Notes on Page 6

APPENDIX D-1
HISTORICAL SUMMARY OF MONITORING WELL GROUNDWATER ELEVATIONS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

			October 17-19 2006		December 28 2006		February 20 2007		April 23 2007		December 3-6 2007		December 7 2007		January 21-22 2008		January 25-31 2008	
Well ID	Zone	Top of Inner Casing (ft-msl)	Depth To Water (ft-toc)	Water Elevation (ft-msl)	Depth To Water (ft-toc)	Water Elevation (ft-msl)	Depth To Water (ft-toc)	Water Elevation	Depth To Water (ft-toc)	Water Elevation (ft-msl)	Depth To Water (ft-toc)	Water Elevation (ft-msl)	Depth To Water (ft-toc)	Water Elevation (ft-msl)	Depth To Water (ft-toc)	Water Elevation	Depth To Water (ft-toc)	Water Elevation
MW-138	LSAS	25.49	NM	NM	8.95	16.54	8.99	16.50	NM	NM	9.70	15.79	NM	NM	10.01	15.48	NM	NM
MW-139	S&P Sand	25.46	NM	NM	14.78	10.68	13.11	12.35	NM	NM	14.35	11.11	NM	NM	15.26	10.20	NM	NM
MW-140	Lower AF	25.52	NM	NM	12.23	13.29	11.89	13.63	NM	NM	13.40	12.12	NM	NM	13.98	11.54	NM	NM
MW-141	USAS	25.55	NM	NM	2.09	23.46	2.48	23.07	NM	NM	2.82	22.73	NM	NM	2.75	22.80	NM	NM
MW-142	LSAS	25.64	2.30	23.34	2.14	23.50	2.57	23.07	NM	NM	2.88	22.76	NM	NM	3.85	21.79	NM	NM
MW-143	AF Gravel	25.60	10.56	15.04	12.63	12.97	11.91	13.69	NM	NM	12.90	12.70	NM	NM	14.00	11.60	NM	NM
MW-144	S&P Sand	25.51	11.31	14.20	13.40	12.11	12.81	12.70	NM	NM	14.00	11.51	NM	NM	14.97	10.54	NM	NM
MW-145	Lower AF	25.45	NM	NM	14.11	11.34	11.09	14.36	NM	NM	12.50	12.95	NM	NM	13.21	12.24	NM	NM
MW-146	USAS	26.06	2.70	23.36	12.32	13.74	2.61	23.45	NM	NM	3.35	22.71	NM	NM	3.19	22.87	NM	NM
MW-147	LSAS	25.94	2.54	23.40	12.78	13.16	2.55	23.39	NM	NM	3.21	22.73	NM	NM	3.11	22.83	NM	NM
MW-148	AF Gravel	25.90	10.44	15.46	13.91	11.99	12.18	13.72	NM	NM	13.36	12.54	NM	NM	14.15	11.75	NM	NM
MW-149	S&P Sand	26.20	12.21	13.99	2.90	23.30	13.02	13.18	NM	NM	14.33	11.87	NM	NM	15.05	11.15	NM	NM
MW-150	Lower AF	26.09	10.44	15.65	1.32	24.77	11.40	14.69	NM	NM	13.40	12.69	NM	NM	14.10	11.99	NM	NM
MW-151	USAS	22.44	3.90	18.54	3.97	18.47	4.31	18.13	NM	NM	4.03	18.41	NM	NM	4.36	18.08	NM	NM
MW-152	LSAS	22.21	4.14	18.07	4.98	17.23	4.96	17.25	NM	NM	4.97	17.24	NM	NM	5.41	16.80	NM	NM
MW-153	AF Gravel	22.50	NM	NM	9.41	13.09	8.25	14.25	NM	NM	8.35	14.15	NM	NM	10.54	11.96	NM	NM
MW-154	S&P Sand	22.25	NM	NM	10.57	11.68	8.53	13.72	NM	NM	11.22	11.03	NM	NM	11.55	10.70	NM	NM
MW-155	Lower AF	22.34	NM	NM	9.25	13.09	8.81	13.53	NM	NM	10.24	12.10	NM	NM	10.87	11.47	NM	NM
MW-156	USAS	24.81	NM	NM	2.51	22.30	2.55	22.26	NM	NM	3.47	21.34	NM	NM	2.44	22.37	NM	NM
MW-157	LSAS	24.74	NM	NM	8.26	16.48	8.25	16.49	NM	NM	10.02	14.72	NM	NM	9.69	15.05	NM	NM
MW-158	AF Gravel	24.78	NM	NM	11.62	13.16	11.40	13.38	NM	NM	11.81	12.97	NM	NM	13.08	11.70	NM	NM
MW-159	S&P Sand	24.68	NM	NM	NM	NM	11.44	13.24	NM	NM	12.59	12.09	NM	NM	13.45	11.23	NM	NM
MW-160	Lower AF	24.72	NM	NM	10.81	13.91	17.90	6.82	NM	NM	11.72	13.00	NM	NM	12.68	12.04	NM	NM
MW-161	Floridan	24.91	NM	NM	10.54	14.37	7.77	17.14	13.90	11.01	11.42	13.49	NM	NM	12.56	12.35	NM	NM
MW-162	USAS	25.38	NM	NM	2.01	23.37	2.41	22.97	NM	NM	2.55	22.83	NM	NM	2.75	22.63	NM	NM
MW-163	LSAS	25.60	8.76	16.84	8.88	16.72	9.01	16.59	NM	NM	9.70	15.90	NM	NM	9.90	15.70	NM	NM
MW-164	AF Gravel	25.59	12.22	13.37	14.27	11.32	13.81	11.78	NM	NM	14.40	11.19	NM	NM	15.74	9.85	NM	NM
MW-165	S&P Sand	25.35	17.66	7.69	14.52	10.83	14.02	11.33	NM	NM	14.54	10.81	NM	NM	15.13	10.22	NM	NM
MW-166	Lower AF	25.69	NM	NM	12.25	13.44	11.66	14.03	NM	NM	13.45	12.24	NM	NM	14.02	11.67	NM	NM
MW-167	USAS	27.05	3.48	23.57	3.74	23.31	3.38	23.67	NM	NM	3.54	23.51	NM	NM	3.73	23.32	NM	NM
MW-168	LSAS	27.41	5.21	22.20	5.77	21.64	7.73	19.68	NM	NM	6.25	21.16	NM	NM	6.55	20.86	NM	NM
MW-169	AF Gravel	27.48	13.97	13.51	16.48	11.00	15.35	12.13	NM	NM	14.12	13.36	NM	NM	12.68	14.80	NM	NM
MW-170	Lower AF	27.50	14.02	13.48	17.11	10.39	14.52	12.98	NM	NM	14.91	12.59	NM	NM	16.52	10.98	NM	NM
MW-171	LSAS	21.49	NM	NM	10.27	11.22	9.50	11.99	NM	NM	9.90	11.59	NM	NM	8.22	13.27	NM	NM
MW-172	AF Gravel	21.53	NM	NM	11.59	9.94	11.08	10.45	NM	NM	11.25	10.28	NM	NM	12.33	9.20	NM	NM
MW-173	S&P Sand	21.42	NM	NM	11.87	9.55	10.83	10.59	NM	NM	12.39	9.03	NM	NM	12.96	8.46	NM	NM
MW-174	Lower AF	21.39	NM	NM	13.33	8.06	9.22	12.17	NM	NM	10.69	10.70	NM	NM	10.77	10.62	NM	NM
MW-175	AF Gravel	27.80	NM	NM	18.24	9.56	16.93	10.87	NM	NM	21.39	6.41	NM	NM	18.84	8.96	NM	NM
MW-176	S&P Sand	29.01	NM	NM	19.79	9.22	18.19	10.82	NM	NM	19.55	9.46	NM	NM	21.11	7.90	NM	NM
MW-177	Lower AF	29.28	NM	NM	16.50	12.78	15.57	13.71	NM	NM	17.29	11.99	NM	NM	18.27	11.01	NM	NM
MW-178	LSAS	21.82	NM	NM	13.03	8.79	12.08	9.74	NM	NM	13.30	8.52	NM	NM	12.80	9.02	NM	NM
MW-179	AF Gravel	21.87	NM	NM	12.84	9.03	11.82	10.05	NM	NM	13.87	8.00	NM	NM	13.54	8.33	NM	NM
MW-180	S&P Sand	21.97	NM	NM	15.13	6.84	14.05	7.92	NM	NM	15.08	6.89	NM	NM	15.79	6.18	NM	NM
MW-181	Lower AF	22.09	NM	NM	12.52	9.57	11.83	10.26	NM	NM	12.31	9.78	NM	NM	12.31	9.78	NM	NM
MW-182	S&P Sand	27.19	11.24	15.95	16.38	10.81	30.89	-3.70	NM	NM	14.65	12.54	NM	NM	14.36	12.83	NM	NM
MW-183	USAS	24.20	3.79	20.41	2.98	21.22	2.97	21.23	NM	NM	3.86	20.34	NM	NM	3.52	20.68	3.54	20.66
MW-184	LSAS	24.22	8.15	16.07	8.61	15.61	8.54	15.68	NM	NM	9.24	14.98	NM	NM	9.75	14.47	10.72	13.50
MW-185	AF Gravel	24.30	9.50	14.80	11.67	12.63	10.71	13.59	NM	NM	11.95	12.35	NM	NM	13.25	11.05	13.07	11.23
MW-186	S&P Sand	24.37	10.09	14.28	11.96	12.41	11.24	13.13	NM	NM	12.64	11.73	NM	NM	13.80	10.57	13.50	10.87
MW-187	Lower AF	24.34	8.88	15.46	10.10	14.24	9.39	14.95	NM	NM	11.41	12.93	NM	NM	12.00	12.34	NM	NM
MW-188	USAS	21.97	3.68	18.29	3.41	18.56	3.52	18.45	NM	NM	4.30	17.67	NM	NM	4.21	17.76	NM	NM
MW-189	LSAS	22.21	6.04	16.17	6.96	15.25	6.75	15.46	NM	NM	7.48	14.73	NM	NM	8.08	14.13	NM	NM
MW-190	AF Gravel	22.11	8.02	14.09	11.32	10.79	8.90	13.21	NM	NM	10.74	11.37	NM	NM	12.42	9.69	NM	NM

Notes on Page 6

APPENDIX D-1
HISTORICAL SUMMARY OF MONITORING WELL GROUNDWATER ELEVATIONS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

			October 17-19 2006		December 28 2006		February 20 2007		April 23 2007		December 3-6 2007		December 7 2007		January 21-22 2008		January 25-31 2008	
Well ID	Zone	Top of Inner Casing (ft-msl)	Depth To Water (ft-toc)	Water Elevation (ft-msl)	Depth To Water (ft-toc)	Water Elevation (ft-msl)	Depth To Water (ft-toc)	Water Elevation	Depth To Water (ft-toc)	Water Elevation (ft-msl)	Depth To Water (ft-toc)	Water Elevation (ft-msl)	Depth To Water (ft-toc)	Water Elevation (ft-msl)	Depth To Water (ft-toc)	Water Elevation	Depth To Water (ft-toc)	Water Elevation
MW-191	S&P Sand	21.97	7.99	13.98	10.03	11.94	9.06	12.91	NM	NM	10.62	11.35	NM	NM	12.09	9.88	NM	NM
MW-192	Lower AF	21.85	8.33	13.52	13.12	8.73	10.68	11.17	NM	NM	8.69	13.16	NM	NM	8.52	13.33	NM	NM
MW-193	AF Gravel	21.77	NM	NM	10.44	11.33	8.57	13.20	NM	NM	12.78	8.99	NM	NM	11.93	9.84	12.39	9.38
MW-194	S&P Sand	21.70	NM	NM	9.52	12.18	8.12	13.58	NM	NM	10.06	11.64	NM	NM	11.15	10.55	12.32	9.38
MW-195	Lower AF	22.08	NM	NM	9.54	12.54	8.38	13.70	NM	NM	10.22	11.86	NM	NM	10.20	11.88	10.27	11.81
MW-196	AF Gravel	26.67	NM	NM	13.08	13.59	14.84	11.83	NM	NM	17.30	9.37	NM	NM	17.29	9.38	NM	NM
MW-197	AF Gravel	28.99	NM	NM	19.86	9.13	17.83	11.16	NM	NM	20.67	8.32	NM	NM	21.39	7.60	NM	NM
MW-198	USAS	20.55	NM	NM	3.98	16.57	3.19	17.36	NM	NM	3.46	17.09	NM	NM	3.27	17.28	NM	NM
MW-199	LSAS	20.42	NM	NM	7.82	12.60	6.88	13.54	NM	NM	8.23	12.19	NM	NM	9.26	11.16	NM	NM
MW-200	AF Gravel	20.62	NM	NM	8.51	12.11	7.13	13.49	NM	NM	8.94	11.68	NM	NM	10.10	10.52	NM	NM
MW-201	S&P Sand	20.54	NM	NM	8.55	11.99	7.43	13.11	NM	NM	8.88	11.66	NM	NM	10.20	10.34	NM	NM
MW-202	Lower AF	20.62	NM	NM	7.05	13.57	5.74	14.88	NM	NM	8.17	12.45	NM	NM	9.02	11.60	NM	NM
MW-204	USAS	21.14	4.03	17.11	4.03	17.11	3.83	17.31	NM	NM	4.07	17.07	NM	NM	4.27	16.87	NM	NM
MW-205	LSAS	21.21	7.00	14.21	8.43	12.78	7.27	13.94	NM	NM	8.49	12.72	NM	NM	9.39	11.82	NM	NM
MW-206	AF Gravel	21.24	8.04	13.20	9.92	11.32	7.83	13.41	NM	NM	10.94	10.30	NM	NM	11.41	9.83	NM	NM
MW-207	Lower AF	21.57	6.95	14.62	3.21	18.36	7.23	14.34	NM	NM	8.10	13.47	NM	NM	9.74	11.83	NM	NM
MW-208	USAS	15.43	NM	NM	3.03	12.40	2.88	12.55	NM	NM	3.75	11.68	NM	NM	3.60	11.83	NM	NM
MW-209	LSAS	15.24	NM	NM	5.70	9.54	4.15	11.09	NM	NM	6.80	8.44	NM	NM	7.15	8.09	NM	NM
MW-210	AF Gravel	15.52	NM	NM	6.11	9.41	3.20	12.32	NM	NM	6.34	9.18	NM	NM	8.06	7.46	NM	NM
MW-211	S&P Sand	15.39	NM	NM	5.81	9.58	2.83	12.56	NM	NM	4.29	11.10	NM	NM	7.73	7.66	NM	NM
MW-212	Lower AF	15.56	NM	NM	9.59	5.97	4.51	11.05	NM	NM	6.75	8.81	NM	NM	5.39	10.17	NM	NM
MW-213	USAS	25.28	NM	NM	NM	NM	2.06	23.22	NM	NM	NM	NM	NM	NM	NM	NM	2.27	23.01
MW-214	LSAS	25.19	NM	NM	NM	NM	8.91	16.28	NM	NM	NM	NM	NM	NM	NM	NM	9.92	15.27
MW-215	AF Gravel	25.16	NM	NM	NM	NM	11.57	13.59	NM	NM	NM	NM	NM	NM	NM	NM	13.48	11.68
MW-216	S&P Sand	25.20	NM	NM	NM	NM	12.57	12.63	NM	NM	NM	NM	NM	NM	NM	NM	14.64	10.56
MW-217	Lower AF	25.14	NM	NM	NM	NM	10.82	14.32	NM	NM	NM	NM	NM	NM	NM	NM	13.04	12.10
MW-218	Floridan	26.03	NM	NM	NM	NM	NM	NM	7.59	18.44	NM	NM	NM	NM	NM	NM	NM	NM
MW-219	USAS	21.91	NM	NM	3.83	18.08	4.15	17.76	NM	NM	3.34	18.57	NM	NM	4.00	17.91	NM	NM
MW-220	LSAS	22.04	NM	NM	10.71	11.33	5.35	16.69	NM	NM	6.83	15.21	NM	NM	5.20	16.84	NM	NM
MW-221	AF Gravel	22.24	NM	NM	10.03	12.21	7.71	14.53	NM	NM	7.60	14.64	NM	NM	9.29	12.95	NM	NM
MW-222	S&P Sand	22.23	NM	NM	13.28	8.95	7.71	14.52	NM	NM	9.02	13.21	NM	NM	10.61	11.62	NM	NM
MW-223	Hardstreak Clay	17.11	NM	NM	5.30	11.81	5.34	11.77	NM	NM	5.96	11.15	NM	NM	5.63	11.48	NM	NM
MW-224	Venice Clay	17.22	NM	NM	5.35	11.87	5.44	11.78	NM	NM	5.70	11.52	NM	NM	5.92	11.30	NM	NM
MW-225	Venice Clay	17.13	NM	NM	4.45	12.68	4.46	12.67	NM	NM	5.22	11.91	NM	NM	5.48	11.65	NM	NM
MW-226	AF Gravel	17.14	NM	NM	3.28	13.86	1.45	15.69	NM	NM	5.92	11.22	NM	NM	5.42	11.72	NM	NM
MW-227	S&P Sand	17.40	NM	NM	10.98	6.42	4.10	13.30	NM	NM	4.67	12.73	NM	NM	7.19	10.21	NM	NM
MW-228	AF Gravel	20.73	NM	NM	NM	NM	NM	NM	NM	NM	11.13	9.60	NM	NM	13.13	7.60	NM	NM
MW-229	USAS	30.14	NM	NM	6.35	23.79	6.72	23.42	NM	NM	6.69	23.45	NM	NM	6.87	23.27	NM	NM
MW-230	LSAS	30.02	NM	NM	9.20	20.82	7.05	22.97	NM	NM	6.90	23.12	NM	NM	7.21	22.81	NM	NM
MW-231	AF Gravel	29.97	NM	NM	19.65	10.32	18.41	11.56	NM	NM	20.77	9.20	NM	NM	20.66	9.31	NM	NM
MW-232	AF Gravel	29.51	11.92	17.59	14.00	15.51	13.42	16.09	NM	NM	13.62	15.89	NM	NM	14.24	15.27	NM	NM
MW-233	AF Gravel	30.49	NM	NM	15.35	15.14	14.53	15.96	NM	NM	15.29	15.20	NM	NM	16.21	14.28	NM	NM
MW-234	USAS	24.68	NM	NM	NM	NM	2.73	21.95	NM	NM	NM	NM	NM	NM	NM	NM	2.57	22.11
MW-235	LSAS	24.71	NM	NM	NM	NM	9.13	15.58	NM	NM	NM	NM	NM	NM	NM	NM	10.33	14.38
MW-236	AF Gravel	24.77	NM	NM	NM	NM	11.95	12.82	NM	NM	NM	NM	NM	NM	NM	NM	15.56	9.21
MW-237	S&P Sand	24.76	NM	NM	NM	NM	12.15	12.61	NM	NM	NM	NM	NM	NM	NM	NM	14.48	10.28
MW-238	Lower AF	24.54	NM	NM	NM	NM	11.21	13.33	NM	NM	NM	NM	NM	NM	NM	NM	12.86	11.68
MW-239	AF Gravel	28.43	NM	NM	14.75	13.68	14.36	14.07	NM	NM	15.43	13.00	NM	NM	15.69	12.74	NM	NM
MW-240	S&P Sand	27.58	NM	NM	20.83	6.75	30.34	-2.76	NM	NM	21.41	6.17	NM	NM	14.83	12.75	NM	NM
MW-241	Lower AF	17.28	NM	NM	5.14	12.14	4.80	12.48	NM	NM	4.95	12.33	NM	NM	5.96	11.32	NM	NM
MW-242	USAS	22.60	NM	NM	3.19	19.41	3.17	19.43	NM	NM	3.34	19.26	NM	NM	3.58	19.02	NM	NM
MW-243	LSAS	22.62	NM	NM	11.98	10.64	11.36	11.26	NM	NM	11.55	11.07	NM	NM	12.14	10.48	NM	NM
MW-244	AF Gravel	22.66	NM	NM	13.19	9.47	12.42	10.24	NM	NM	12.45	10.21	NM	NM	13.08	9.58	NM	NM

Notes on Page 6

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2008 GROUNDWATER MONITORING REPORT
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TALLEVAST, FLORIDA

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Well ID	Zone	Top of Inner Casing (ft-msl)	Depth To Water (ft-toc)	Water Elevation (ft-msl)	Depth To Water (ft-toc)	Water Elevation (ft-msl)	Depth To Water (ft-toc)	Water Elevation	Depth To Water (ft-toc)	Water Elevation (ft-msl)	Depth To Water (ft-toc)	Water Elevation (ft-msl)	Depth To Water (ft-toc)	Water Elevation (ft-msl)	Depth To Water (ft-toc)	Water Elevation	Depth To Water (ft-toc)	Water Elevation
MW-245	Hardstreak Clay	18.92	NM	NM	4.67	14.25	4.76	14.16	NM	NM	4.67	14.25	NM	NM	5.35	13.57	NM	NM
MW-246	LSAS	18.96	NM	NM	13.05	5.91	11.42	7.54	NM	NM	8.89	10.07	NM	NM	9.49	9.47	NM	NM
MW-247	AF Gravel	19.01	NM	NM	12.07	6.94	11.67	7.34	NM	NM	13.30	5.71	NM	NM	12.80	6.21	NM	NM
MW-248	AF Gravel	26.57	NM	NM	13.20	13.37	13.04	13.53	NM	NM	NM	NM	NM	NM	NM	NM	14.23	12.34
MW-249	AF Gravel	22.60	NM	NM	NM	NM	9.08	13.52	NM	NM	NM	NM	NM	NM	NM	NM	11.26	11.34
MW-250	AF Gravel	24.83	NM	NM	NM	NM	11.17	13.66	NM	NM	NM	NM	NM	NM	NM	NM	12.67	12.16
MW-251	Floridan	27.37	NM	NM	NM	NM	NM	NM	15.12	12.25	13.34	14.03	NM	NM	14.28	13.09	NM	NM
MW-252	S&P Sand	31.56	NM	NM	NM	NM	NM	NM	NM	NM	18.81	12.75	NM	NM	20.17	11.39	NM	NM
MW-253	AF Gravel	31.48	NM	NM	NM	NM	NM	NM	NM	NM	15.93	15.55	NM	NM	16.42	15.06	NM	NM
MW-254 (MW-BT-1)	USAS	31.39	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	5.23	26.16	NM	NM
PZ-LSAS-1	LSAS	31.12	NM	NM	NM	NM	NM	NM	NM	NM	5.46	25.66	5.53	25.59	5.98	25.14	NM	NM
PZ-LSAS-2	LSAS	31.44	NM	NM	NM	NM	NM	NM	NM	NM	5.76	25.68	5.82	25.62	6.24	25.20	NM	NM
PZ-LSAS-3	LSAS	32.16	NM	NM	NM	NM	NM	NM	NM	NM	6.46	25.70	6.39	25.77	6.71	25.45	NM	NM
PZ-LSAS-4	LSAS	31.60	NM	NM	NM	NM	NM	NM	NM	NM	6.19	25.41	6.13	25.47	6.65	24.95	NM	NM
PZ-LSAS-5	LSAS	31.61	NM	NM	NM	NM	NM	NM	NM	NM	6.18	25.43	6.09	25.52	6.59	25.02	NM	NM
PZ-LSAS-6	LSAS	32.73	NM	NM	NM	NM	NM	NM	NM	NM	7.40	25.33	7.25	25.48	7.83	24.90	NM	NM
PZ-LSAS-7	LSAS	31.90	NM	NM	NM	NM	NM	NM	NM	NM	6.20	25.70	6.12	25.78	6.66	25.24	NM	NM
RW-1	USAS	30.68	NM	NM	5.33	25.35	5.71	24.97	NM	NM	5.49	25.19	5.53	25.15	5.76	24.92	NM	NM
RW-2	USAS	29.98	NM	NM	4.58	25.40	4.96	25.02	NM	NM	4.95	25.03	5.02	24.96	5.25	24.73	NM	NM
Staff Gauge-1	Unassigned	23.29	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	0.65	22.64	NM	NM
Staff Gauge-1 (old)	Unassigned	23.17	NM	NM	NM	NM	1.28	24.45	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Staff Gauge-2	Unassigned	25.62	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	4.26	21.36	0.76	24.86	NM	NM
Staff Gauge-2 (old)	Unassigned	25.50	NM	NM	NM	NM	1.15	26.65	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Staff Gauge-3	Unassigned	14.41	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	0.98	13.43	NM	NM
Staff Gauge-3 (old)	Unassigned	14.16	NM	NM	NM	NM	1.12	15.28	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Staff Gauge-4	Unassigned	21.18	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	0.72	20.46	NM	NM
Staff Gauge-4 (old)	Unassigned	21.06	NM	NM	NM	NM	0.84	21.90	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Staff Gauge-5	Unassigned	23.91	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	0.70	23.21	NM	NM
Staff Gauge-5 (old)	Unassigned	23.77	NM	NM	NM	NM	1.19	24.96	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Staff Gauge-6 (old)	Unassigned	19.82	NM	NM	NM	NM	1.05	20.87	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Staff Gauge-8	Unassigned	23.38	NM	NM	NM	NM	NM	NM	NM	NM	4.26	21.36	NM	NM	NM	NM	NM	NM
Staff Gauge-9	Unassigned	21.93	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	0.72	21.21
Stilling Well-1	Unassigned	30.83	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	4.46	26.37	NM	NM
Stilling Well-2	Unassigned	14.55	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	1.76	12.79	NM	NM
Stilling Well-3	Unassigned	26.04	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	2.88	20.32	NM	NM
Stilling Well-4	Unassigned	26.96	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	4.30	22.66
TW-84-A	USAS	32.10	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.85	25.25	NM	NM
TW-84-B	USAS	32.07	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.18	24.89	NM	NM

Notes:
AF Gravel = Arcadia Formation Gravels
ft msl = feet above mean sea level
ft toc = feet below top of casing
LSAS = Lower Shallow Aquifer System
Lower AF = Lower Arcadia Formation
NI = Not installed
NM = Not Measured
S&P Sand = Salt & Pepper sands
USAS = Upper Surficial Aquifer System

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		DW-1 AF Gravel 12/14/01	DW-1 AF Gravel 03/10/03	DW-1 AF Gravel 12/20/04	DW-1 AF Gravel 06/16/05	DW-1 AF Gravel 12/21/05	DW-1 AF Gravel 12/05/06	DW-1 AF Gravel 02/01/08	DW-1 AF Gravel 06/17/04
Semivolatile Organics									
1,4-Dioxane	ug/L	NA	NA	1 U	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)									
1,4-Dioxane	ug/L	NA	NA	NA	2.1 U	1 U	NA	NA	NA
Volatile Organics (8260B) - SIM									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	R	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	0.76 U	1 U	NA
Volatile Organics (8260B)									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	1 U	1 U	0.52 U	0.5 U	0.52 U	0.6 U	0.52 U	0.2 U
1,1-Dichloroethene	ug/L	1 U	1 U	0.45 U	0.5 U	0.45 U	0.83 U	0.45 U	0.2 U
cis-1,2-Dichloroethene	ug/L	1 U	1 U	0.65 U	0.5 U	0.65 U	0.75 U	0.65 U	NA
Tetrachloroethene	ug/L	1 U	1 U	0.34 U	0.5 U	0.34 U	0.65 U	0.5 U	0.2 U
Trichloroethene	ug/L	1 U	1.9	0.28 U	0.5 U	0.28 U	0.71 U	0.5 U	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: Zone: Date Collected:		IWI-1 AF Gravel 10/10/05	IWI-1 AF Gravel 02/01/08	IWI-2 Zone 3-4 Clay 10/10/05	IWI-2 Zone 3-4 Clay 02/01/08	MW-2 USAS 02/13/01	MW-2 USAS 06/22/05	MW-2 USAS 01/25/06	MW-2 USAS 09/11/07
Semivolatile Organics									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)									
1,4-Dioxane	ug/L	61.2	NA	4.1 J	NA	NA	2 U	1 U	NA
Volatile Organics (8260B) - SIM									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution									
1,4-Dioxane	ug/L	NA	300	NA	19	NA	NA	NA	7.7
Volatile Organics (8260B)									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	43	60	0.54 J	0.64 I	18	1.6	0.52 U	4.7
1,1-Dichloroethene	ug/L	165	370 D	0.53 J	0.83 I	3.4	0.98 J	0.45 U	1.5
cis-1,2-Dichloroethene	ug/L	92.5	190 D	0.5 U	4.1	11	9.4	2.5	6.4
Tetrachloroethene	ug/L	4.6	6.8	0.5 U	0.5 U	130	45.2	7.8 J	53
Trichloroethene	ug/L	3,310	4,900 D	0.65 U	0.99 I	60	32.4	7.9	64

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-3 USAS 02/13/01	MW-3 USAS 03/10/03	MW-3 USAS 01/05/05	MW-3 USAS 06/14/05	MW-3 USAS 01/25/06	MW-3 USAS 10/11/06	MW-3 USAS 12/06/06	MW-3 USAS 09/11/07	MW-3 USAS 01/25/08	MW-3 USAS 06/17/04
Semivolatile Organics											
1,4-Dioxane	ug/L	NA	NA	1 U	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)											
1,4-Dioxane	ug/L	NA	NA	NA	1.9 U	1 U	NA	NA	NA	NA	NA
Volatile Organics (8260B) - SIM											
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	R [R]	R	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution											
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	2 UJ [2 UJ]	0.76 U	0.69 UJ	1 U	NA
Volatile Organics (8260B)											
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	1 U	1 U	0.52 U	0.5 U	0.52 U	0.6 U [0.6 U]	0.6 U	0.6 U	0.52 U	0.2 U
1,1-Dichloroethene	ug/L	1 U	1 U	0.45 U	0.5 U	0.45 U	0.83 U [0.83 U]	0.83 U	0.83 U	0.45 U	0.2 U
cis-1,2-Dichloroethene	ug/L	1 U	1 U	0.65 U	0.5 U	0.65 U	0.75 U [0.75 U]	0.75 UJ	0.75 U	0.65 U	NA
Tetrachloroethene	ug/L	1 U	1 U	0.34 U	0.5 U	0.34 U	0.65 U [0.65 U]	0.65 U	0.65 U	0.5 U	0.2 U
Trichloroethene	ug/L	1 U	1 U	0.28 U	0.5 U	0.28 U	0.71 U [0.71 U]	0.71 U	0.71 U	0.5 U	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-4 USAS 02/13/01	MW-4 USAS 03/10/03	MW-4 USAS 06/22/05	MW-4 USAS 01/27/06	MW-4 USAS 10/11/06	MW-4 USAS 12/07/06	MW-4 USAS 09/11/07	MW-4 USAS 01/25/08	MW-4 USAS 12/22/04	MW-4 USAS 06/17/04
Semivolatile Organics											
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	1 U	NA
Semivolatile Organics (8270C)											
1,4-Dioxane	ug/L	NA	NA	2 U	1 U	NA	NA	NA	NA	NA	NA
Volatile Organics (8260B) - SIM											
1,4-Dioxane	ug/L	NA	NA	NA	NA	R	1 J	NA	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution											
1,4-Dioxane	ug/L	NA	NA	NA	NA	2 UJ	0.76 U	1.8 I	1 U	NA	NA
Volatile Organics (8260B)											
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	2	1 U [1 U]	1.1	6.6	90	180	38	6.1	0.52 U	0.42 I
1,1-Dichloroethene	ug/L	1 U	1 U [1 U]	0.5 U	0.8 I	28	79	16	1.7	0.45 U	0.2 U
cis-1,2-Dichloroethene	ug/L	1 U	1 U [1 U]	0.5 U	0.65 U	1.9	0.8 I	4.8	0.65 U	0.65 U	NA
Tetrachloroethene	ug/L	1 U	1 U [1 U]	0.5 U	0.34 U	0.65 U	0.65 U	0.65 U	0.5 U	0.34 U	0.2 U
Trichloroethene	ug/L	5.6	2.1 [3.1]	0.5 U	1.1	3	11	27	5.9	0.28 U	1.1

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: Zone: Date Collected:		MW-5 USAS 03/10/03	MW-5 USAS 12/21/04	MW-5 USAS 06/23/05	MW-5 USAS 01/24/06	MW-5 USAS 03/21/06	MW-5 USAS 10/10/06	MW-5 USAS 12/06/06	MW-5 USAS 09/11/07	MW-5 USAS 01/24/08	MW-5 USAS 06/16/04
Semivolatile Organics											
1,4-Dioxane	ug/L	NA	1 U	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)											
1,4-Dioxane	ug/L	NA	NA	1.9 U	1 U	1 U	NA	NA	NA	NA	NA
Volatile Organics (8260B) - SIM											
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	R	R	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution											
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	2 UJ	0.76 U	0.69 U	1 U	NA
Volatile Organics (8260B)											
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	1 U	0.52 U	0.5 U	0.52 U	0.52 U	0.6 U	0.6 U	0.6 U	0.52 U	0.2 U
1,1-Dichloroethene	ug/L	1 U	0.45 U	0.5 U	0.45 U	0.45 U	0.83 U	0.83 U	0.83 U	0.45 U	0.2 U
cis-1,2-Dichloroethene	ug/L	1 U	0.65 U	0.5 U	0.65 U	0.65 U	0.75 U	0.75 UJ	0.75 U	0.65 U	NA
Tetrachloroethene	ug/L	1 U	0.34 U	0.5 U	0.34 U	0.34 U	0.65 U	0.65 U	0.65 U	0.5 U	0.2 U
Trichloroethene	ug/L	1 U	0.28 U	0.5 U	0.28 U	0.28 U	0.71 U	0.71 U	0.71 U	0.5 U	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: Zone: Date Collected:		MW-6 USAS 03/10/03	MW-6 USAS 12/21/04	MW-6 USAS 06/21/05	MW-6 USAS 06/23/05	MW-6 USAS 01/24/06	MW-6 USAS 10/11/06	MW-6 USAS 12/07/06	MW-6 USAS 09/11/07	MW-6 USAS 01/30/08	MW-6 USAS 06/17/04	MW-6 USAS 12/22/04
Semivolatile Organics												
1,4-Dioxane	ug/L	NA	1 U	NA	NA	NA	NA	NA	NA	NA	NA	3.2 J
Semivolatile Organics (8270C)												
1,4-Dioxane	ug/L	NA	NA	NA	2 U	1 U	NA	NA	NA	NA	NA	NA
Volatile Organics (8260B) - SIM												
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	R	R	NA	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution												
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	2 UJ	0.76 U	1 I	1 U	NA	NA
Volatile Organics (8260B)												
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	1 U	0.52 U	0.5 U	0.5 U	0.52 U	0.6 U	0.6 U	0.6 U	0.52 U	0.2 U	0.52 U
1,1-Dichloroethene	ug/L	1 U	0.45 U	0.5 U	0.5 U	0.45 U	0.83 U	0.83 U	0.83 U	0.45 U	0.2 U	0.45 U
cis-1,2-Dichloroethene	ug/L	1 U	0.65 U	0.5 U	0.5 U	0.65 U	0.75 U	0.75 U	0.75 U	0.65 U	NA	0.65 U
Tetrachloroethene	ug/L	1 U	0.34 U	0.5 U	0.5 U	0.34 U	0.65 U	0.65 U	0.65 U	0.5 U	0.2 U	0.34 U
Trichloroethene	ug/L	1 U	0.28 U	0.5 U	0.5 U	0.28 U	0.71 U	0.71 U	0.71 U	0.5 U	0.5 U	0.28 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-7D USAS 03/06/03	MW-7D USAS 12/19/04	MW-7D USAS 06/15/05	MW-7D USAS 01/24/06	MW-7D USAS 10/09/06	MW-7D USAS 12/05/06	MW-7D USAS 09/10/07	MW-7D USAS 01/24/08	MW-7D USAS 06/17/04	MW-7S USAS 03/06/03	MW-7S USAS 01/05/05	MW-7S USAS 06/15/05	MW-7S USAS 01/24/06	MW-7S USAS 10/09/06	MW-7S USAS 12/05/06	MW-7S USAS 09/10/07	MW-7S USAS 01/24/08	MW-7S USAS 06/17/04
Semivolatile Organics																			
1,4-Dioxane	ug/L	NA	1 U	NA	NA	NA	NA	NA	NA	NA	NA	1 U [1 U]	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)																			
1,4-Dioxane	ug/L	NA	NA	2 U	1 U	NA	NA	NA	NA	NA	NA	NA	1.9 U	1 U	NA	NA	NA	NA	NA
Volatile Organics (8260B) - SIM																			
1,4-Dioxane	ug/L	NA	NA	NA	NA	R [53 J]	R [R]	NA	NA	NA	NA	NA	NA	NA	R	R	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution																			
1,4-Dioxane	ug/L	NA	NA	NA	NA	2 UJ [2 UJ]	0.76 U [0.76 U]	0.69 UJ	1 U	NA	NA	NA	NA	NA	2 UJ	0.76 U	0.69 U	1 U	NA
Volatile Organics (8260B)																			
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	1 U	0.52 U	0.52 J	0.52 U	0.6 U [0.6 U]	0.6 U [0.6 U]	0.6 U	0.52 U	0.2 U	1 U	0.52 U [0.52 U]	0.5 U	0.52 U	0.6 U	0.6 U	0.6 U	0.52 U	0.2 U
1,1-Dichloroethene	ug/L	1 U	0.45 U	1.3	0.45 U	0.83 U [0.83 U]	0.83 U [0.83 U]	0.83 U	0.45 U	0.2 U	1 U	0.45 U [0.45 U]	0.5 U	0.45 U	0.83 U	0.83 U	0.83 U	0.45 U	0.3 I
cis-1,2-Dichloroethene	ug/L	1 U	0.65 U	0.5 U	0.65 U	0.75 U [0.75 U]	0.75 U [0.75 UJ]	0.75 U	0.65 U	NA	1 U	0.65 U [0.65 U]	0.5 U	0.65 U	0.75 U	0.75 UJ	0.75 U	0.65 U	NA
Tetrachloroethene	ug/L	1 U	0.34 U	4	0.34 U	0.65 U [0.65 U]	0.65 U [0.65 U]	0.65 U	0.5 U	0.46 I	1 U	0.34 U [0.34 U]	0.5 U	0.34 U	0.77 I	0.65 U	0.65 U	0.5 U	0.5 U
Trichloroethene	ug/L	1 U	0.28 U	3.1	0.28 U	0.71 U [0.71 U]	0.71 U [0.71 U]	0.71 U	0.5 U	0.5 U	1 U	0.28 U [0.28 U]	0.5 U	0.28 U	0.71 U	0.71 U	0.71 U	0.5 U	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-8D USAS 03/06/03	MW-8D USAS 12/19/04	MW-8D USAS 06/14/05	MW-8D USAS 01/25/06	MW-8D USAS 03/24/06	MW-8D USAS 12/05/06	MW-8D USAS 09/11/07	MW-8D USAS 02/01/08	MW-8D USAS 06/15/04	MW-8S USAS 03/06/03	MW-8S USAS 12/19/04	MW-8S USAS 06/14/05	MW-8S USAS 01/25/06	MW-8S USAS 03/24/06	MW-8S USAS 12/05/06	MW-8S USAS 09/11/07	MW-8S USAS 01/25/08	MW-8S USAS 06/15/04
Semivolatile Organics																			
1,4-Dioxane	ug/L	NA	1 U	NA	NA	NA	NA	NA	NA	NA	NA	1 U	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)																			
1,4-Dioxane	ug/L	NA	NA	1.9 U	1 U	1 U	NA	NA	NA	NA	NA	NA	1.9 U	1 U	1 U	NA	NA	NA	NA
Volatile Organics (8260B) - SIM																			
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	R	NA	NA	NA	NA	NA	NA	NA	NA	R	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution																			
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	0.76 U	0.69 U	1 U	NA	NA	NA	NA	NA	NA	0.76 U	0.69 U	1 U	NA
Volatile Organics (8260B)																			
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	1 U	0.52 U	0.5 U	0.52 U	0.52 U	0.6 U	0.6 U	0.52 U	0.45 I	1 U	0.52 U	0.5 U	0.52 U	0.52 U	0.6 U	0.6 U	0.52 U	0.2 U
1,1-Dichloroethene	ug/L	1 U	0.45 U	0.5 U	0.45 U	0.45 U	0.83 U	0.83 U	0.45 U	0.24 I	1 U	0.45 U	0.5 U	0.45 U	0.45 U	0.83 U	0.83 U	0.45 U	0.2 U
cis-1,2-Dichloroethene	ug/L	1 U	0.65 U	0.5 U	0.65 U	0.65 U	0.75 U	0.75 U	0.65 U	NA	1 U	0.65 U	0.5 U	0.65 U	0.65 U	0.75 U	0.75 U	0.65 U	NA
Tetrachloroethene	ug/L	1 U	0.34 U	0.5 U	0.34 U	0.34 U	0.65 U	0.65 U	0.5 U	0.68 I	1 U	0.34 U	0.5 U	0.34 U	0.34 U	0.65 U	0.65 U	0.5 U	0.5 U
Trichloroethene	ug/L	1 U	0.35 J	0.5 U	0.53 I	0.28 U	0.71 U	0.71 U	0.5 U	0.5 U	1 U	0.28 U	0.5 U	0.28 U	0.28 U	0.71 U	0.71 U	0.5 U	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-9D USAS 03/07/03	MW-9D USAS 12/20/04	MW-9D USAS 06/15/05	MW-9D USAS 01/20/06	MW-9D USAS 10/11/06	MW-9D USAS 12/13/06	MW-9D USAS 09/12/07	MW-9D USAS 01/24/08	MW-9D USAS 06/15/04	MW-9S USAS 03/07/03	MW-9S USAS 12/20/04	MW-9S USAS 06/15/05	MW-9S USAS 01/20/06	MW-9S USAS 10/11/06	MW-9S USAS 12/13/06	MW-9S USAS 09/12/07	MW-9S USAS 01/24/08	MW-9S USAS 06/15/04
Semivolatile Organics																			
1,4-Dioxane	ug/L	NA	1 U	NA	NA	NA	NA	NA	NA	NA	NA	1 U	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)																			
1,4-Dioxane	ug/L	NA	NA	1.9 U	1 U	NA	NA	NA	NA	NA	NA	NA	2 U	1 U	NA	NA	NA	NA	NA
Volatile Organics (8260B) - SIM																			
1,4-Dioxane	ug/L	NA	NA	NA	NA	R	R	NA	NA	NA	NA	NA	NA	NA	34 J	R	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution																			
1,4-Dioxane	ug/L	NA	NA	NA	NA	2 UJ	0.76 U	0.69 U	1 U	NA	NA	NA	NA	NA	2 UJ	0.76 U	0.69 U	1 U	NA
Volatile Organics (8260B)																			
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	1 U	0.52 U	0.5 U	0.52 U	0.6 U	0.6 U	0.6 U	0.52 U	0.2 U	1 U	0.52 U	0.5 U	0.52 U	0.6 U	0.6 U	0.6 U	0.52 U	0.2 U
1,1-Dichloroethene	ug/L	1 U	0.45 U	0.5 U	0.45 U	0.83 U	0.83 U	0.83 U	0.45 U	0.2 U	1 U	0.45 U	0.5 U	0.45 U	0.83 U	0.83 U	0.83 U	0.45 U	0.2 U
cis-1,2-Dichloroethene	ug/L	1 U	0.65 U	0.5 U	0.65 U	0.75 U	0.75 U	0.75 U	0.65 U	NA	1 U	0.65 U	0.5 U	0.65 U	0.75 U	0.75 U	0.75 U	0.65 U	NA
Tetrachloroethene	ug/L	1 U	0.34 U	0.5 U	0.34 U	0.65 U	0.65 U	0.65 U	0.5 U	0.5 U	1 U	0.34 U	0.62 J	0.34 U	0.65 U	0.65 U	0.65 U	0.5 U	0.5 U
Trichloroethene	ug/L	1 U	0.28 J	0.5 U	0.28 UJ	0.71 U	0.71 U	0.71 U	0.5 U	0.5 U	1 U	0.28 U	0.5 U	0.28 UJ	0.71 U	0.71 U	0.71 U	0.5 U	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-10 USAS 03/10/03	MW-10 USAS 01/04/05	MW-10 USAS 06/14/05	MW-10 USAS 01/24/06	MW-10 USAS 10/11/06	MW-10 USAS 12/05/06	MW-10 USAS 09/10/07	MW-10 USAS 01/31/08	MW-10 USAS 06/16/04	MW-11 USAS 03/10/03	MW-11 USAS 12/20/04	MW-11 USAS 06/22/05	MW-11 USAS 01/27/06	MW-11 USAS 10/11/06	MW-11 USAS 12/07/06	MW-11 USAS 12/11/06	MW-11 USAS 09/11/07	MW-11 USAS 01/24/08	MW-11 USAS 06/17/04
Semivolatile Organics																				
1,4-Dioxane	ug/L	NA	1 U	NA	NA	NA	NA	NA	NA	NA	NA	1 U [1.6 J]	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)																				
1,4-Dioxane	ug/L	NA	NA	1.9 U	1 U	NA	NA	NA	NA	NA	NA	NA	6.2	3 I	NA	NA	NA	NA	NA	NA
Volatile Organics (8260B) - SIM																				
1,4-Dioxane	ug/L	NA	NA	NA	NA	R	R	NA	NA	NA	NA	NA	NA	NA	20 J	3.4 J	0.99 J	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution																				
1,4-Dioxane	ug/L	NA	NA	NA	NA	2 UJ	0.76 U	0.69 UJ	1 U	NA	NA	NA	NA	NA	40 UJ	2.2	0.76 U	0.69 U	1 U	NA
Volatile Organics (8260B)																				
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	90	7.8	0.84 J	0.52 U	0.6 U	0.6 U	0.6 U	5.3	260	14 [12]	6.7 [5.3]	92.8 J [53.9 J]	72	310 D	36	0.6 U	9.2	9.1	3.2
1,1-Dichloroethene	ug/L	140	0.46 J	0.5 U	0.45 U	0.83 U	0.83 U	0.83 U	1	130	7.9 [6.8]	0.45 U [0.45 U]	49.3 J [28.4 J]	150	940 D	130	0.83 U	1.6	1.5	2.3
cis-1,2-Dichloroethene	ug/L	48	0.65 U	0.5 U	0.65 U	0.75 U	0.75 UJ	0.75 U	0.65 U	NA	6.2 [5.2]	3.8 [3.2]	68.4 J [39.4 J]	12	50 D	1	0.75 UJ	1	0.65 U	NA
Tetrachloroethene	ug/L	13	12	5.5	0.34 U	0.65 U	0.65 U	0.65 U	1.5	22	4.4 [4]	3.7 [4.1]	14.4 [5 U]	4.3 J	7.7 D	3	0.65 U	1.2	1.4	4.8
Trichloroethene	ug/L	820 L	27	3.9	0.7 I	0.71 U	0.71 U	0.71 U	1.8 U	550	140 [190]	100 [100]	937 J [544 J]	200	640 D	79	0.71 U	33	17	71

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-12 USAS 03/10/03	MW-12 USAS 12/21/04	MW-12 USAS 06/22/05	MW-12 USAS 01/25/06	MW-12 USAS 10/05/06	MW-12 USAS 12/05/06	MW-12 USAS 09/11/07	MW-12 USAS 01/24/08	MW-12 USAS 06/17/04
Semivolatile Organics										
1,4-Dioxane	ug/L	NA	10	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)										
1,4-Dioxane	ug/L	NA	NA	14.3 [16.6]	11	NA	NA	NA	NA	NA
Volatile Organics (8260B) - SIM										
1,4-Dioxane	ug/L	NA	NA	NA	NA	22 J	16 J	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution										
1,4-Dioxane	ug/L	NA	NA	NA	NA	33 J	16	0.69 U [0.69 U]	23	NA
Volatile Organics (8260B)										
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	23	4.7	12.6 [12.7]	11	38 D	18	5.1 [4.2]	10	21
1,1-Dichloroethene	ug/L	30	0.45 U	15.8 [15.4]	12	24 D	12	0.83 U [0.83 U]	6.9	24
cis-1,2-Dichloroethene	ug/L	8.1	2.2	5.6 [5.4]	2.8	5.5 D	3.8 U	11 [8.1]	5.1	NA
Tetrachloroethene	ug/L	290	110	199 [200]	120	300 D	120	55 [39]	58	300
Trichloroethene	ug/L	710	150	364 [375]	310	470 D	210	13 [11]	190 D	600

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID:		MW-13D	MW-13D	MW-13D	MW-13D	MW-13D	MW-13D	MW-13D	MW-13D	MW-13D	MW-13S	MW-13S	MW-13S	MW-13S	MW-13S	MW-13S
Zone:		USAS	USAS	USAS	USAS	USAS	USAS	USAS	USAS	USAS	USAS	USAS	USAS	USAS	USAS	USAS
Date Collected:		03/07/03	12/22/04	06/14/05	01/19/06	10/10/06	12/15/06	09/13/07	01/29/08	06/17/04	03/07/03	12/22/04	06/14/05	01/19/06	01/29/08	06/17/04
Semivolatile Organics																
1,4-Dioxane	ug/L	NA	1 U	NA	NA	NA	NA	NA	NA	NA	NA	1 U [1 U]	NA	NA	NA	NA
Semivolatile Organics (8270C)																
1,4-Dioxane	ug/L	NA	NA	2.1 U	1 U	NA	NA	NA	NA	NA	NA	NA	1.9 U	1 U	NA	NA
Volatile Organics (8260B) - SIM																
1,4-Dioxane	ug/L	NA	NA	NA	NA	R	R	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution																
1,4-Dioxane	ug/L	NA	NA	NA	NA	2 UJ	0.76 U	0.69 U	1 U	NA	NA	NA	NA	NA	4.5	NA
Volatile Organics (8260B)																
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	1 U [1 U]	0.52 U	0.5 U	0.52 U	0.6 U	0.6 U	0.6 U	0.52 U	0.2 U	1 U	0.52 U [0.52 U]	0.5 U	0.52 U	0.52 U	0.2 U
1,1-Dichloroethene	ug/L	1 U [1 U]	0.45 U	1.1	0.7 I	1.1	0.95 I	0.83 U	0.44 U	0.42 I	1 U	0.45 U [0.45 U]	0.5 U	0.45 U	0.44 U	0.2 U
cis-1,2-Dichloroethene	ug/L	1 U [1 U]	0.65 U	0.5 U	0.65 U	0.75 U	0.75 UJ	0.75 U	0.64 U	NA	1 U	0.65 U [0.65 U]	0.5 U	0.65 U	0.64 U	NA
Tetrachloroethene	ug/L	1 U [1 U]	0.34 U	0.5 U	0.34 U	0.65 U	0.65 U	0.65 U	0.5 U	0.2 U	1 U	0.34 U [0.34 U]	0.5 U	0.34 U	0.5 U	0.2 U
Trichloroethene	ug/L	1 U [1 U]	0.28 U	0.5 U	0.28 I	0.71 U	0.71 UJ	0.71 U	0.5 U	0.5 U	1 U	0.28 U [0.28 U]	0.5 U	0.28 U	0.5 U	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-14D USAS 03/06/03	MW-14D USAS 12/20/04	MW-14D USAS 06/14/05	MW-14D USAS 01/19/06	MW-14D USAS 10/11/06	MW-14D USAS 12/13/06	MW-14D USAS 09/13/07	MW-14D USAS 01/24/08	MW-14D USAS 06/16/04	MW-14S USAS 03/06/03	MW-14S USAS 12/20/04	MW-14S USAS 06/20/05	MW-14S USAS 01/19/06	MW-14S USAS 10/11/06	MW-14S USAS 06/16/04	MW-14S USAS 12/13/06	MW-14S USAS 09/13/07	MW-14S USAS 01/24/08
Semivolatile Organics																			
1,4-Dioxane	ug/L	NA	1 U	NA	NA	NA	NA	NA	NA	NA	NA	1 U	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)																			
1,4-Dioxane	ug/L	NA	NA	2 U	1 U [1 U]	NA	NA	NA	NA	NA	NA	NA	2 U	1 U	NA	NA	NA	NA	NA
Volatile Organics (8260B) - SIM																			
1,4-Dioxane	ug/L	NA	NA	NA	NA	R	R	NA	NA	NA	NA	NA	NA	NA	R	NA	0.94 U [R]	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution																			
1,4-Dioxane	ug/L	NA	NA	NA	NA	2 UJ	0.76 U	0.69 U	1 U	NA	NA	NA	NA	NA	2 UJ	NA	0.76 U [0.76 U]	0.69 U	1 U
Volatile Organics (8260B)																			
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	1 U	0.52 U	0.5 U	0.52 U [0.52 U]	0.6 U	0.6 U	0.6 U	0.52 U	0.2 U	1 U	0.52 U	0.5 U	0.52 U	0.6 U	0.2 U	0.6 U [0.6 U]	0.6 U	0.52 U
1,1-Dichloroethene	ug/L	1 U	0.45 U	0.5 U	0.45 U [0.45 U]	0.83 U	0.83 U	0.83 U	0.45 U	0.2 U	1 U	0.45 U	0.5 U	0.45 U	0.83 U	0.2 U	0.83 U [0.83 U]	0.83 U	0.45 U
cis-1,2-Dichloroethene	ug/L	1 U	0.65 U	0.5 U	0.65 U [0.65 U]	0.75 U	0.75 UJ	0.75 U	0.65 U	NA	1 U	0.65 U	0.5 U	0.65 U	0.75 U	NA	0.75 U [0.75 U]	0.75 U	0.65 U
Tetrachloroethene	ug/L	1 U	0.34 U	0.5 U	0.34 U [0.34 U]	0.65 U	0.65 U	0.65 U	0.5 U	0.5 U	1 U	0.34 U	0.5 U	0.34 U	0.65 U	0.5 U	0.65 U [0.65 U]	0.65 U	0.5 U
Trichloroethene	ug/L	1 U	0.28 U	0.5 U	0.28 U [0.28 U]	0.71 U	0.71 UJ	0.71 U	0.5 U	0.5 U	1 U	0.28 U	0.5 U	0.28 U	0.71 U	0.5 U	0.71 U [0.71 U]	0.71 U	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-15D USAS 03/06/03	MW-15D USAS 12/21/04	MW-15D USAS 06/20/05	MW-15D USAS 01/25/06	MW-15D USAS 10/16/06	MW-15D USAS 12/18/06	MW-15D USAS 01/18/07	MW-15D USAS 04/25/07	MW-15D USAS 07/10/07	MW-15D USAS 09/12/07	MW-15D USAS 01/24/08	MW-15S USAS 03/06/03	MW-15S USAS 01/05/05	MW-15S USAS 06/20/05	MW-15S USAS 01/25/06	MW-15S USAS 10/16/06	MW-15S USAS 12/18/06	MW-15S USAS 09/12/07	MW-15S USAS 01/24/08
Semivolatile Organics																				
1,4-Dioxane	ug/L	NA	1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1 UJ	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)																				
1,4-Dioxane	ug/L	NA	NA	2.2 J	1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	2 U [2 U]	1 U	NA	NA	NA	NA
Volatile Organics (8260B) - SIM																				
1,4-Dioxane	ug/L	NA	NA	NA	NA	7.1 J	4.7 J [5.2 J]	NA	NA	NA	NA	NA	NA	NA	NA	NA	R	R	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution																				
1,4-Dioxane	ug/L	NA	NA	NA	NA	6.4 J	4.6 [8.2]	6.9	8.7	7.3 J	10	7.5	NA	NA	NA	NA	2 UJ	0.76 U	0.69 U	1 U
Volatile Organics (8260B)																				
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	1 U [1.7]	1.3	2.4	2.4	2.8	4.7 [4.8]	2.8	3.7	6.1	2.6	4.9	1 U	0.52 U	0.5 U [0.5 U]	0.52 U	0.6 U	0.6 U	0.6 U	0.52 U
1,1-Dichloroethene	ug/L	1 U [1 U]	0.82 J	1.1	0.88 I	0.83 U	1.4 [1.4]	0.83 U	1.1	1.4	0.83 U	0.45 U	1 U	0.45 U	0.5 U [0.5 U]	0.45 U	0.83 U	0.83 U	0.83 U	0.45 U
cis-1,2-Dichloroethene	ug/L	1 U [1 U]	0.65 U	0.77 J	0.8 I	1.9	2.2 [2]	2	2.5	3.2	1.4	3	1 U	0.65 U	0.5 U [0.5 U]	0.65 U	0.75 U	0.75 U	0.75 U	0.65 U
Tetrachloroethene	ug/L	1 U [1 U]	0.34 U	0.5 U	0.34 U	0.65 U	0.65 U [0.65 U]	0.65 U	0.65 U	0.65 U	0.65 U	0.5 U	1 U	0.34 U	0.5 U [0.5 U]	0.34 U	0.65 U	0.65 U	0.65 U	0.5 U
Trichloroethene	ug/L	1 U [1 U]	0.28 U	0.62 J	1.4	3.1	2.9 [2.6]	2.5	3.4	4.2	2.4	4	1 U	0.28 U	0.5 U [0.5 U]	0.28 U	0.71 U	0.71 U	0.71 U	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: Zone: Date Collected:		MW-16D USAS 03/07/03	MW-16D USAS 06/16/05	MW-16D USAS 01/18/06	MW-16D USAS 10/13/06	MW-16D USAS 12/11/06	MW-16D USAS 01/29/08	MW-16D USAS 06/16/04	MW-16S USAS 03/07/03	MW-16S USAS 01/04/05	MW-16S USAS 06/16/05	MW-16S USAS 01/18/06	MW-16S USAS 01/29/08	MW-16S USAS 06/16/04
Semivolatile Organics														
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	1 U	NA	NA	NA	NA
Semivolatile Organics (8270C)														
1,4-Dioxane	ug/L	NA	2 U	1 U	NA	NA	NA	NA	NA	NA	2 U	1 U	NA	NA
Volatile Organics (8260B) - SIM														
1,4-Dioxane	ug/L	NA	NA	NA	5.3 J	5.8 J	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution														
1,4-Dioxane	ug/L	NA	NA	NA	5.1 J	6	6	NA	NA	NA	NA	NA	1 U	NA
Volatile Organics (8260B)														
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	1 U	0.5 U	0.52 U	0.6 U	0.6 U	0.52 U	0.2 U	1 U	0.52 U	0.5 U	0.52 U	0.52 U	0.2 U
1,1-Dichloroethene	ug/L	1 U	0.5 U	0.45 U	0.83 U	0.83 U	0.44 U	0.2 U	1 U	0.45 U	0.5 U	0.45 U	0.44 U	0.2 U
cis-1,2-Dichloroethene	ug/L	1 U	0.5 U	0.65 U	0.75 U	0.75 UJ	0.64 U	NA	1 U	0.65 U	0.5 U	0.65 U	0.64 U	NA
Tetrachloroethene	ug/L	1 U	0.5 U	0.34 U	0.65 U	0.65 U	0.5 U	0.5 U	1 U	0.34 U	0.5 U	0.34 U	0.5 U	0.5 U
Trichloroethene	ug/L	1 U	0.5 U	0.28 U	0.71 U	0.71 U	0.5 U	0.5 U	1 U	0.28 U	0.5 U	0.28 U	0.5 U	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: Zone: Date Collected:		MW-17D USAS 12/21/04	MW-17D USAS 06/15/05	MW-17D USAS 01/19/06	MW-17D USAS 10/11/06	MW-17D USAS 12/13/06	MW-17D USAS 09/12/07	MW-17D USAS 01/23/08	MW-17D USAS 06/16/04	MW-17S USAS 01/04/05	MW-17S USAS 06/15/05	MW-17S USAS 01/19/06	MW-17S USAS 10/11/06	MW-17S USAS 09/12/07	MW-17S USAS 01/23/08	MW-17S USAS 06/16/04
Semivolatile Organics																
1,4-Dioxane	ug/L	1 U	NA	NA	NA	NA	NA	NA	NA	1 U	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)																
1,4-Dioxane	ug/L	NA	2 U	1 U	NA	NA	NA	NA	NA	NA	2 U	1 U	NA	NA	NA	NA
Volatile Organics (8260B) - SIM																
1,4-Dioxane	ug/L	NA	NA	NA	R	R	NA	NA	NA	NA	NA	NA	R	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution																
1,4-Dioxane	ug/L	NA	NA	NA	2 UJ	0.87 I	.69 U [0.69 U	1 U	NA	NA	NA	NA	2 UJ	0.69 U	1 U	NA
Volatile Organics (8260B)																
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.52 U	0.5 U	0.52 U	0.6 U	0.6 U	0.6 U [0.6 U]	0.52 U	0.2 U	0.52 U	0.5 U	0.52 U	0.6 U	0.6 U	0.52 U	0.2 U
1,1-Dichloroethene	ug/L	0.45 U	0.5 U	0.45 U	0.83 U	0.83 U	.83 U [0.83 U	0.45 U	0.2 U	0.45 U	0.5 U	0.45 U	0.83 U	0.83 U	0.45 U	0.2 U
cis-1,2-Dichloroethene	ug/L	0.65 U	0.5 U	0.65 U	0.75 U	0.75 UJ	.75 U [0.75 U	0.65 U	NA	0.65 U	0.5 U	0.65 U	0.75 U	0.75 U	0.65 U	NA
Tetrachloroethene	ug/L	0.34 U	0.5 U	0.34 U	0.65 U	0.65 U	.65 U [0.65 U	0.5 U	0.5 U	0.34 U	0.5 U	0.34 U	0.65 U	0.65 U	0.5 U	0.5 U
Trichloroethene	ug/L	0.28 J	0.5 U	0.36 I	0.71 U	0.71 UJ	.71 U [0.71 U	0.5 U	0.5 U	0.28 U	0.5 U	0.28 U	0.71 U	0.71 U	0.5 U	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: Zone: Date Collected:		MW-18D USAS 12/21/04	MW-18D USAS 06/17/05	MW-18D USAS 01/17/06	MW-18D USAS 02/28/06	MW-18D USAS 03/23/06	MW-18D USAS 04/01/06	MW-18D USAS 12/18/06	MW-18D USAS 01/28/08	MW-18D USAS 06/16/04
Semivolatile Organics										
1,4-Dioxane	ug/L	1 U	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)										
1,4-Dioxane	ug/L	NA	5.6	4 I	1 U	6.4 I	1 U	NA	NA	NA
Volatile Organics (8260B) - SIM										
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	7.8 J	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution										
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	11 J	2.6	NA
Volatile Organics (8260B)										
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	3.1	3.9	1.6	NA	1.9	1.7	2.3	0.74 I	3.9
1,1-Dichloroethene	ug/L	1.8	2.4	0.95 I	NA	1.2	0.98 I	1.8	0.45 U	2
cis-1,2-Dichloroethene	ug/L	8.9	9	3.1	NA	3.7	3.5	5.3	2.1	NA
Tetrachloroethene	ug/L	0.34 U	0.5 U	0.34 U	NA	0.34 U	0.34 U	0.65 U	0.5 UJ	0.2 U
Trichloroethene	ug/L	1.3	7.1	5.1	NA	5.9	4.6	3	0.52 J	2 I

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: Zone: Date Collected:		MW-18S USAS 12/21/04	MW-18S USAS 06/17/05	MW-18S USAS 01/17/06	MW-18S USAS 12/18/06	MW-18S USAS 01/28/08	MW-18S USAS 06/16/04
Semivolatile Organics							
1,4-Dioxane	ug/L	1 U	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)							
1,4-Dioxane	ug/L	NA	1.9 U	1.7 I	NA	NA	NA
Volatile Organics (8260B) - SIM							
1,4-Dioxane	ug/L	NA	NA	NA	2.9 J	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution							
1,4-Dioxane	ug/L	NA	NA	NA	3.2	1 U	NA
Volatile Organics (8260B)							
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.52 U	0.5 U	0.52 U	0.6 U	0.52 U	0.2 U
1,1-Dichloroethene	ug/L	0.45 U	0.5 U	0.45 U	0.83 U	0.45 U	0.2 U
cis-1,2-Dichloroethene	ug/L	1.6	0.5 U	1.9	1.5	0.65 U	NA
Tetrachloroethene	ug/L	0.34 U	0.5 U	0.34 U	0.65 U	0.5 UJ	0.5 U
Trichloroethene	ug/L	1.2	0.5 U	0.33 I	0.71 U	0.5 UJ	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID:		MW-19	MW-19	MW-19	MW-19	MW-19	MW-19	MW-19	MW-19	MW-20	MW-20	MW-20	MW-20	MW-20
Zone:		Lower AF	Lower AF	Lower AF	Lower AF	Lower AF	Lower AF	Lower AF	Lower AF	USAS	USAS	USAS	USAS	USAS
Date Collected:		01/12/05	06/24/05	01/31/06	03/21/06	12/19/06	07/11/07	09/11/07	01/31/08	01/17/05	06/21/05	01/26/06	12/19/06	01/24/08
Semivolatile Organics														
1,4-Dioxane	ug/L	2.5 U	NA	NA	NA	NA	NA	NA	NA	13	NA	NA	NA	NA
Semivolatile Organics (8270C)														
1,4-Dioxane	ug/L	NA	1.9 U	1 U [1 U]	1 U	NA	NA	NA	NA	NA	4.4 J	1 U	NA	NA
Volatile Organics (8260B) - SIM														
1,4-Dioxane	ug/L	NA	NA	NA	NA	R	NA	NA	NA	NA	NA	NA	9.4 J	NA
Volatile Organics (8260) - SIM Isotope Dilution														
1,4-Dioxane	ug/L	NA	NA	NA	NA	0.76 U	0.69 U	0.69 U	1 U	NA	NA	NA	9.6	6.1
Volatile Organics (8260B)														
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.18 U	0.5 U	1.2 [1.2]	0.52 U	0.6 U	0.6 U	0.6 U	0.52 U	4.8	7	7.7	11	1.1
1,1-Dichloroethene	ug/L	0.36 U	0.5 U	2.4 [2.6]	0.45 U	0.83 U	0.83 U	0.83 U	0.45 U	2.8	4.1	5.5	9	0.94 I
cis-1,2-Dichloroethene	ug/L	0.18 U	0.5 U	0.65 U [0.65 U]	0.65 U	0.75 U	0.75 U	0.75 U	0.65 U	0.34 I	0.75 J	0.7 I	0.92 J	0.65 U
Tetrachloroethene	ug/L	0.85 I	0.91 J	0.34 U [0.34 U]	2.4	0.65 U	0.86 I	0.65 U	0.5 U	0.18 U	0.5 U	0.34 U	0.65 U	0.5 U
Trichloroethene	ug/L	0.7 I	0.5 U	2.7 [2.6]	1.1	0.71 U	3.8	0.71 U	0.5 U	0.38 I	0.61 J	1.2	2.4 J	1.3

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-21 S&P Sand 01/28/08	MW-21 S&P Sand 01/12/05	MW-21 S&P Sand 06/14/05	MW-21 S&P Sand 02/20/06	MW-21 S&P Sand 12/18/06	MW-22 Lower AF 01/11/05	MW-22 Lower AF 06/24/05	MW-22 Lower AF 02/02/06	MW-22 Lower AF 12/19/06	MW-22 Lower AF 01/25/08
Semivolatile Organics											
1,4-Dioxane	ug/L	NA	2.5 U	NA	NA	NA	2.5 U	NA	NA	NA	NA
Semivolatile Organics (8270C)											
1,4-Dioxane	ug/L	NA	NA	2 U	1 U	NA	NA	2 U	1 U	NA	NA
Volatile Organics (8260B) - SIM											
1,4-Dioxane	ug/L	NA	NA	NA	NA	1.7 J	NA	NA	NA	R	NA
Volatile Organics (8260) - SIM Isotope Dilution											
1,4-Dioxane	ug/L	1 U [2.6]	NA	NA	NA	0.76 U	NA	NA	NA	0.76 U	1 U
Volatile Organics (8260B)											
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.52 U [0.52 U]	0.18 U	0.5 U	0.52 U	0.6 U	0.18 U	0.5 U	0.52 U	0.6 U	0.52 U
1,1-Dichloroethene	ug/L	0.45 U [0.45 U]	0.36 U	0.5 U	0.45 U	0.83 U	0.36 U	0.5 U	0.45 U	0.83 U	0.45 U
cis-1,2-Dichloroethene	ug/L	0.65 U [0.65 U]	0.18 U	0.5 U	0.65 U	0.75 U	0.18 U	0.5 U	0.65 U	0.75 UJ	0.65 U
Tetrachloroethene	ug/L	0.5 U [0.5 U]	0.18 U	0.5 U	0.34 U	0.65 U	0.18 U	1.4	1.4	0.82 I	0.5 U
Trichloroethene	ug/L	0.5 U [0.5 U]	0.11 U	0.5 U	0.28 U	0.71 U	0.11 U	0.5 U	0.28 U	0.71 UJ	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: Zone: Date Collected:		MW-23 S&P Sand 01/11/05	MW-23 S&P Sand 06/21/05	MW-23 S&P Sand 01/21/06	MW-23 S&P Sand 03/17/06	MW-23 S&P Sand 03/21/06	MW-23 S&P Sand 03/27/06	MW-23 S&P Sand 12/19/06	MW-23 S&P Sand 01/25/08
Semivolatile Organics									
1,4-Dioxane	ug/L	2.5 U	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)									
1,4-Dioxane	ug/L	NA	2.4 J	1 U [1 U]	2.1 I	1 U	1 U	NA	NA
Volatile Organics (8260B) - SIM									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	3.7 J	NA
Volatile Organics (8260) - SIM Isotope Dilution									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	2.4	4 [4.9]
Volatile Organics (8260B)									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.18 U	0.5 U	0.52 U [0.52 U]	0.52 U	0.52 U	0.52 U	0.6 U	0.52 U [0.52 U]
1,1-Dichloroethene	ug/L	0.36 U	0.5 U	0.45 U [0.45 U]	0.45 U	0.45 U	0.45 U	0.83 U	0.45 U [0.45 U]
cis-1,2-Dichloroethene	ug/L	0.18 U	0.5 U	0.65 U [0.65 U]	0.65 U	0.65 U	0.65 U	0.75 UJ	0.65 U [0.65 U]
Tetrachloroethene	ug/L	0.18 U	0.5 U	0.34 U [0.34 U]	0.34 U	0.34 U	0.34 U	0.65 U	0.5 U [0.5 U]
Trichloroethene	ug/L	0.11 U	0.5 U	0.28 U [0.28 U]	0.28 U	0.28 U	0.28 U	0.71 UJ	0.5 U [0.5 U]

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-24 USAS 01/11/05	MW-24 USAS 06/15/05	MW-24 USAS 01/23/06	MW-24 USAS 10/11/06	MW-24 USAS 12/13/06	MW-24 USAS 01/29/08	MW-25 USAS 01/06/05	MW-25 USAS 06/21/05	MW-25 USAS 01/20/06	MW-25 USAS 02/28/06	MW-25 USAS 03/19/06	MW-25 USAS 04/04/06	MW-25 USAS 12/13/06	MW-25 USAS 01/24/08
Semivolatile Organics															
1,4-Dioxane	ug/L	2.5 U	NA	NA	NA	NA	NA	9.8	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)															
1,4-Dioxane	ug/L	NA	1.9 U	1 U	NA	NA	NA	NA	7.7 [7.7]	4 I	6.8 IJ	10	1 UJ	NA	NA
Volatile Organics (8260B) - SIM															
1,4-Dioxane	ug/L	NA	NA	NA	R	R	NA	NA	NA	NA	NA	NA	NA	9.2 J [11 J]	NA
Volatile Organics (8260) - SIM Isotope Dilution															
1,4-Dioxane	ug/L	NA	NA	NA	2 UJ	0.76 U	1 U	NA	NA	NA	NA	NA	NA	12 [16]	7.7
Volatile Organics (8260B)															
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.18 U	0.5 U	0.52 U	0.6 U	0.6 U	0.52 U	39	42.6 [42.4]	37	NA	38	35	27 [26]	14
1,1-Dichloroethene	ug/L	0.36 U	0.5 U	0.45 U	0.83 U	0.83 U	0.44 U	13	18.8 [17.8]	16	NA	17	17	16 [16]	7.5
cis-1,2-Dichloroethene	ug/L	0.18 U	0.5 U	0.65 U	0.75 U	0.75 U	0.64 U	3	6.8 [6.8]	5.1	NA	5.2	5.4	3.5 [3.6]	0.65 U
Tetrachloroethene	ug/L	0.18 U	0.5 U	0.34 U	0.65 U	0.65 U	0.5 U	0.34 U	0.5 U [0.5 U	0.34 U	NA	0.34 U	0.34 U	65 U [0.65	0.5 U
Trichloroethene	ug/L	0.11 U	0.5 U	0.28 U	0.71 U	0.71 U	0.5 U	2.1	3.6 [3.6]	4.4 J	NA	3.8	3.9	3.3 [3.3]	2.3

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: Zone: Date Collected:		MW-26 USAS 01/13/05	MW-26 USAS 06/17/05	MW-26 USAS 01/19/06	MW-26 USAS 12/11/06	MW-26 USAS 01/28/08	MW-27 USAS 01/06/05	MW-27 USAS 06/17/05	MW-27 USAS 02/21/06	MW-27 USAS 06/28/06	MW-27 USAS 10/10/06	MW-27 USAS 12/18/06	MW-27 USAS 01/28/08
Semivolatile Organics													
1,4-Dioxane	ug/L	2.5 U	NA	NA	NA	NA	390	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)													
1,4-Dioxane	ug/L	NA	2 U	1 U	NA	NA	NA	457	440	530 D	NA	NA	NA
Volatile Organics (8260B) - SIM													
1,4-Dioxane	ug/L	NA	NA	NA	1.2 J	NA	NA	NA	NA	NA	370 DJ	530 J	NA
Volatile Organics (8260) - SIM Isotope Dilution													
1,4-Dioxane	ug/L	NA	NA	NA	0.76 U	1 U	NA	NA	NA	NA	790 DJ	760	69
Volatile Organics (8260B)													
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.18 U	0.5 U	0.52 U	0.6 U	0.52 U	140	266	260	140	230 D	290	69
1,1-Dichloroethene	ug/L	0.36 U	0.5 U	0.45 U	0.83 U	0.45 U	290	459	450	330	410 D	600	120
cis-1,2-Dichloroethene	ug/L	0.18 U	0.5 U	0.65 U	0.75 UJ	0.65 U	10	34.6	37	17	74 D	59	11
Tetrachloroethene	ug/L	0.18 U	0.5 U	0.34 U	0.65 U	0.5 UJ	290	779	790	370	2,000 D	960 D	79 J
Trichloroethene	ug/L	0.11 U	0.5 U	0.28 U	0.71 UJ	0.5 UJ	42	94.3	110	66	120 D	91	23 J

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-28 USAS 01/03/05	MW-28 USAS 06/20/05	MW-28 USAS 01/18/06	MW-28 USAS 03/19/06	MW-28 USAS 12/18/06	MW-28 USAS 01/28/08	MW-29 USAS 01/06/05	MW-29 USAS 06/17/05	MW-29 USAS 01/17/06	MW-29 USAS 12/18/06	MW-29 USAS 01/28/08
Semivolatile Organics												
1,4-Dioxane	ug/L	40	NA	NA	NA	NA	NA	28	NA	NA	NA	NA
Semivolatile Organics (8270C)												
1,4-Dioxane	ug/L	NA	41.3	35	18	NA	NA	NA	34.4	71	NA	NA
Volatile Organics (8260B) - SIM												
1,4-Dioxane	ug/L	NA	NA	NA	NA	49 J	NA	NA	NA	NA	130 J	NA
Volatile Organics (8260) - SIM Isotope Dilution												
1,4-Dioxane	ug/L	NA	NA	NA	NA	80	28	NA	NA	NA	120	91
Volatile Organics (8260B)												
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	3.2	8.5	6.8	6.1	5.3	3.1	8.5	12	11	13	10
1,1-Dichloroethene	ug/L	0.71 J	4.7	3.3	2.9	3.7	1.4	5.3	7.3	7.6	10	7.5
cis-1,2-Dichloroethene	ug/L	0.65 U	0.5 U	0.65 U	0.65 U	0.75 U	0.65 U	6.6	11.7	11	12	12
Tetrachloroethene	ug/L	0.34 U	0.5 U	0.34 U	0.34 U	0.65 U	0.5 UJ	0.34 U	0.5 U	0.34 U	0.65 U	0.5 UJ
Trichloroethene	ug/L	0.88 J	1.7	1.4	1	0.88 I	0.5 UJ	37	51.6	69	75	91 J

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-30 USAS 01/11/05	MW-30 USAS 06/15/05	MW-30 USAS 01/20/06	MW-30 USAS 10/11/06	MW-30 USAS 12/19/06	MW-30 USAS 09/13/07	MW-30 USAS 01/30/08	MW-31 Lower AF 01/12/05	MW-31 Lower AF 06/15/05	MW-31 Lower AF 01/20/06	MW-31 Lower AF 12/18/06	MW-31 Lower AF 01/28/08
Semivolatile Organics													
1,4-Dioxane	ug/L	2.5 U	NA	NA	NA	NA	NA	NA	2.5 U	NA	NA	NA	NA
Semivolatile Organics (8270C)													
1,4-Dioxane	ug/L	NA	2.1 U	1 U	NA	NA	NA	NA	NA	2 U	1 U	NA	NA
Volatile Organics (8260B) - SIM													
1,4-Dioxane	ug/L	NA	NA	NA	R	R	NA	NA	NA	NA	NA	R	NA
Volatile Organics (8260) - SIM Isotope Dilution													
1,4-Dioxane	ug/L	NA	NA	NA	2 UJ	0.76 U	0.69 U	1 U	NA	NA	NA	0.76 U	1 U
Volatile Organics (8260B)													
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.48 I	0.5 U	0.52 U	0.6 U	0.6 U	0.6 U	0.52 U	0.18 U	0.5 U	0.52 U	0.6 U	0.52 U
1,1-Dichloroethene	ug/L	0.62 I	0.5 U	0.45 U	0.83 U	0.83 U	0.83 U	0.45 U	0.36 U	0.5 U	0.45 U	0.83 U	0.45 U
cis-1,2-Dichloroethene	ug/L	0.23 I	0.5 U	0.65 U	0.75 U	0.75 U	0.75 U	0.65 U	0.18 U	0.5 U	0.65 U	0.75 U	0.65 U
Tetrachloroethene	ug/L	0.18 U	0.5 U	0.34 U	0.65 U	0.65 U	0.65 U	0.5 U	0.18 U	1.2	1.6	1.2	0.7 I
Trichloroethene	ug/L	3.6	0.5 U	0.28 UJ	0.71 U	0.71 U	0.71 U	0.5 U	0.11 U	0.5 U	0.28 UJ	0.71 U	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-32 USAS 12/30/04	MW-32 USAS 06/27/05	MW-32 USAS 01/31/06	MW-32 USAS 10/05/06	MW-32 USAS 12/05/06	MW-32 USAS 09/10/07	MW-32 USAS 01/24/08	MW-33 LSAS 12/28/04	MW-33 LSAS 06/22/05	MW-33 LSAS 01/25/06	MW-33 LSAS 10/05/06	MW-33 LSAS 12/05/06	MW-33 LSAS 01/17/07	MW-33 LSAS 04/24/07	MW-33 LSAS 07/10/07	MW-33 LSAS 09/10/07	MW-33 LSAS 01/31/08
Semivolatile Organics																		
1,4-Dioxane	ug/L	6.5	NA	NA	NA	NA	NA	NA	580	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)																		
1,4-Dioxane	ug/L	NA	3.1 J	7.7 I	NA	NA	NA	NA	NA	418	400	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260B) - SIM																		
1,4-Dioxane	ug/L	NA	NA	NA	R	6.6 J [8.4 J]	NA	NA	NA	NA	NA	NA	530 J	NA	NA	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution																		
1,4-Dioxane	ug/L	NA	NA	NA	9.9 J	6.3 [8.5]	3.5 J	2.6	NA	NA	NA	930 DJ	670	750	570	750	900	590 J
Volatile Organics (8260B)																		
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	650 DJ	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	87	76.6	86	60	56 [53]	9.8	9.9	42	60.4	110	130 D	150	61 J	69	260	140	160 EJ
1,1-Dichloroethene	ug/L	120	87.6	98	65	72 [110]	7.8	8.6	140	163	380	440 D	670	170	240	1,400 D	550	580 DJ
cis-1,2-Dichloroethene	ug/L	5.9	3.8	7.4	9.8	3.4 [3.8 U]	2.1	0.65 U	3.2	17.4	17	25 D	6.3	15 J	17	16	9.1 I	22 J
Tetrachloroethene	ug/L	2.4	8.1	9.3	120	72 [87]	8	3.5	0.34 U	9.1	20	63 D	59	60 J	60	43	24	140 J
Trichloroethene	ug/L	65	71.4	59	200	120 [140]	13	8.3	17	106	150	330 D	300	230	330	310	200	410 EJ

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID:		MW-34	MW-34	MW-34	MW-34	MW-34	MW-34	MW-34	MW-35	MW-35	MW-35	MW-35	MW-35	MW-35	MW-35	MW-35	MW-35	MW-35
Zone:		S&P Sand	S&P Sand	S&P Sand	S&P Sand	S&P Sand	S&P Sand	S&P Sand	USAS	USAS	USAS	USAS	USAS	USAS	USAS	USAS	USAS	USAS
Date Collected:		12/19/04	01/13/05	06/22/05	02/16/06	10/13/06	12/13/06	01/30/08	01/13/05	06/22/05	02/16/06	10/13/06	12/13/06	01/18/07	04/25/07	07/10/07	09/13/07	01/30/08
Semivolatile Organics																		
1,4-Dioxane	ug/L	NA	2.5 U	NA	NA	NA	NA	NA	13	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)																		
1,4-Dioxane	ug/L	NA	NA	2 U	8 IJ	NA	NA	NA	NA	1.9 U	16 J	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260B) - SIM																		
1,4-Dioxane	ug/L	NA	NA	NA	NA	R	R	NA	NA	NA	NA	3.2 J	12	NA	NA	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution																		
1,4-Dioxane	ug/L	NA	NA	NA	NA	2 UJ	0.76 U	1 U	NA	NA	NA	3.5 J	12	2	1.2 I	1.3 J	0.69 U	1 U
Volatile Organics (8260B)																		
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	660	0.18 U	0.5 U	0.52 U	0.6 U	0.6 U	0.52 U	20	0.99 J	12	3.1	15	2.3	0.61 I	1.5	0.6 U	0.52 U
1,1-Dichloroethene	ug/L	1,700	0.36 U	0.5 U	0.45 U	0.83 U	0.83 U	0.45 U	48	2.1	24	7.2	39	5.1	2.7	9.4	2.6	3.7
cis-1,2-Dichloroethene	ug/L	15	0.18 U	0.5 U	0.65 U	0.75 U	0.75 U	0.65 U	1 I	0.5 U	0.65 U	0.75 U	0.75 U	0.75 U	0.75 U	1.2	0.75 U	0.65 U
Tetrachloroethene	ug/L	43	0.18 U	0.5 U	0.34 UJ	0.65 U	0.65 U	0.5 U	41	13	18 J	18	44	29	12	26	27	15
Trichloroethene	ug/L	230	0.28 I	0.5 U	0.28 U	0.71 U	0.71 U	0.5 U	58	6.3	52	19	52	15	6.9	16	9.6	11

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-36 USAS 01/11/05	MW-36 USAS 06/23/05	MW-36 USAS 01/24/06	MW-36 USAS 10/04/06	MW-36 USAS 12/05/06	MW-36 USAS 01/17/07	MW-36 USAS 04/25/07	MW-36 USAS 07/10/07	MW-36 USAS 09/10/07	MW-36 USAS 01/31/08
Semivolatile Organics											
1,4-Dioxane	ug/L	34	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)											
1,4-Dioxane	ug/L	NA	18.9	3.8 I	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260B) - SIM											
1,4-Dioxane	ug/L	NA	NA	NA	R	2.7 J	NA	NA	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution											
1,4-Dioxane	ug/L	NA	NA	NA	4.1 J	0.76 U	0.76 U	4	1.4 J	2.8 J	15
Volatile Organics (8260B)											
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	180	113	41	10 D	6	2 J	0.8 I	2.4	3.4	20
1,1-Dichloroethene	ug/L	440	242	96	23 D	15	3.8	2.4	8.5	8.9	54
cis-1,2-Dichloroethene	ug/L	210	115	39	18 D	3.7 J	4.4 J	1.6	2.2	1.6	5.8
Tetrachloroethene	ug/L	19 I	25 U	3.7	6.5 UD	3.2	2.3 J	1.2	0.82 I	0.86 I	1.3
Trichloroethene	ug/L	2,600	1,400	490	250 D	130	55	55	53	52	190 EJ

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-37 LSAS 01/07/05	MW-37 LSAS 06/14/05	MW-37 LSAS 01/27/06	MW-37 LSAS 10/04/06	MW-37 LSAS 12/05/06	MW-37 LSAS 01/17/07	MW-37 LSAS 04/25/07	MW-37 LSAS 07/10/07	MW-37 LSAS 09/10/07	MW-37 LSAS 01/31/08
Semivolatile Organics											
1,4-Dioxane	ug/L	190	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)											
1,4-Dioxane	ug/L	NA	232	330	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260B) - SIM											
1,4-Dioxane	ug/L	NA	NA	NA	900 DJ	580 J	NA	NA	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution											
1,4-Dioxane	ug/L	NA	NA	NA	520 DJ	560	680 J [720]	1,100	690 J	780	760 DJ
Volatile Organics (8260B)											
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	2.4	25 U	20	60 ID	40 I	120 U [55 J]	60 U	60 U	44 I	49
1,1-Dichloroethene	ug/L	74	51.6	280	360 D	350	320 [330 DJ]	300	810	370	230 DJ
cis-1,2-Dichloroethene	ug/L	440	217	3,300	1,300 D	590	530 [640 DJ]	380	490	240	420 EJ
Tetrachloroethene	ug/L	0.34 U	25 U	0.37 IJ	65 UD	32 U	130 U [2.4 J]	65 U	65 U	32 U	24
Trichloroethene	ug/L	2,000	2,310	6,100	7,700 D	13,000 D	8,100 J [8,300 DJ]	7,500	8,600	4,000	9,400 DJ

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-38 USAS 01/11/05	MW-38 USAS 06/14/05	MW-38 USAS 01/25/06	MW-38 USAS 03/22/06	MW-38 USAS 10/04/06	MW-38 USAS 12/05/06	MW-38 USAS 01/17/07	MW-38 USAS 04/24/07	MW-38 USAS 07/10/07	MW-38 USAS 09/10/07	MW-38 USAS 02/01/08
Semivolatile Organics												
1,4-Dioxane	ug/L	40	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)												
1,4-Dioxane	ug/L	NA	30.9	15	18	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260B) - SIM												
1,4-Dioxane	ug/L	NA	NA	NA	NA	21 J	28 J	NA	NA	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution												
1,4-Dioxane	ug/L	NA	NA	NA	NA	22 J	25 J	36	37	25 J [28]	36 J	24
Volatile Organics (8260B)												
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	61 I	123	83	59	36 D	34	32 J	41	44 [58]	22	20
1,1-Dichloroethene	ug/L	140	253	130	100	52 D	61	44	68	99 [110]	32	27
cis-1,2-Dichloroethene	ug/L	52 I	10.7 J	8.9	9.5	7.8 D	3.8 UJ	6.4 J	7.5 U	7.5 U [5.8]	7.5 U	6.5 U
Tetrachloroethene	ug/L	250	347	53	130	93 D	130	510 J	780	900 [830 D]	720	450
Trichloroethene	ug/L	2,200	1,160	460	620	580 D	570	630	940	1,100 [1,100 D]	750	600

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID:		MW-39	MW-39	MW-39	MW-39	MW-39	MW-39	MW-39	MW-39	MW-39	MW-39	MW-40	MW-40	MW-40	MW-40	MW-40	MW-40	MW-40
Zone:		LSAS	LSAS	LSAS	LSAS	LSAS	LSAS	LSAS	LSAS	LSAS	LSAS	USAS	USAS	USAS	USAS	USAS	USAS	USAS
Date Collected:		01/07/05	06/14/05	01/25/06	10/11/06	12/05/06	01/17/07	04/24/07	07/10/07	09/10/07	02/01/08	01/11/05	06/14/05	01/24/06	10/05/06	12/05/06	09/11/07	01/31/08
Semivolatile Organics																		
1,4-Dioxane	ug/L	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.4	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)																		
1,4-Dioxane	ug/L	NA	179 J	40	NA	NA	NA	NA	NA	NA	NA	NA	9.8	15	NA	NA	NA	NA
Volatile Organics (8260B) - SIM																		
1,4-Dioxane	ug/L	NA	NA	NA	40 J	6.4 J	NA	NA	NA	NA	NA	NA	NA	NA	25 J	29 J	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution																		
1,4-Dioxane	ug/L	NA	NA	NA	23 J	8	26	3.4	9 J	0.69 UJ	160	NA	NA	NA	32 J	22	36	20 UJ
Volatile Organics (8260B)																		
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.52 U	10 U	18	7.9 D	7.5	2.4 J	0.6 U	1.1	0.6 U	5.7	6.1 I	20.2	32	57 D	54	24	30
1,1-Dichloroethene	ug/L	26	34.2	11	11 D	8.1	3.4	0.89 I	1.5	0.83 U	22	11	23.1	39	57 D	66	20	25
cis-1,2-Dichloroethene	ug/L	130	94.5	13	15 D	1 J	10 J	1.4	3.6	0.75 U	44	2.4 I	2.6 J	3.9	8.3 D	6.8	4.6 I	8.2
Tetrachloroethene	ug/L	0.34 U	15.7 J	24	50 D	50	22 J	2.7	1.1	0.65 U	2 U	29	70.1	89	130 D	140	95	160 EJ
Trichloroethene	ug/L	360	526	210	210 D	100	110	13	29	2.6	190	180	137	220	470 D	500	580	970 EJ

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-41 LSAS 12/28/04	MW-41 LSAS 06/14/05	MW-41 LSAS 01/24/06	MW-41 LSAS 10/05/06	MW-41 LSAS 12/05/06	MW-41 LSAS 09/11/07	MW-41 LSAS 01/31/08	MW-42 USAS 12/29/04	MW-42 USAS 06/23/05	MW-42 USAS 01/31/06	MW-42 USAS 10/04/06	MW-42 USAS 12/05/06	MW-42 USAS 01/17/07	MW-42 USAS 04/24/07	MW-42 USAS 07/11/07	MW-42 USAS 09/10/07	MW-42 USAS 02/01/08
Semivolatile Organics																		
1,4-Dioxane	ug/L	180	NA	NA	NA	NA	NA	NA	83	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)																		
1,4-Dioxane	ug/L	NA	185	250	NA	NA	NA	NA	NA	45.7	97	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260B) - SIM																		
1,4-Dioxane	ug/L	NA	NA	NA	NA	310 J	NA	NA	NA	NA	NA	70 DJ	86 J	NA	NA	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution																		
1,4-Dioxane	ug/L	NA	NA	NA	540 DJ	230	610	450 J	NA	NA	NA	100 DJ	96	96	140	84	80 J [80]	72
Volatile Organics (8260B)																		
1,4-Dioxane	ug/L	NA	NA	NA	460 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	10	7.9	7.9	17	19	17	22	41	50 U	42	67 D	87	39 J	55	92	49 [52]	59
1,1-Dichloroethene	ug/L	48	43.4	44	54	81	57	68	70	50.4 J	95	110 D	170	48	77	170	81 [74]	89
cis-1,2-Dichloroethene	ug/L	64	69.9	65	85	72	72	96	140	133	130	180 D	68	85 J	74	120	90 [110]	83
Tetrachloroethene	ug/L	0.34 U	0.5 U	0.34 U	0.7 I	1.1	0.65 U	0.59 I	6.5	50 U	10	16 UD	20 I	13 J	25	13 U	13 U [13]	14
Trichloroethene	ug/L	81	71.8	130	190	200	180	250 EJ	3,700	3,160	4,600	3,700 D	3,000	1,700	1,900	2,700	2,000 [2,000 D]	1,800 D

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID:		MW-43	MW-43	MW-43	MW-43	MW-43	MW-43	MW-43	MW-43	MW-43	MW-43	MW-43
Zone:		LSAS	LSAS	LSAS	LSAS	LSAS	LSAS	LSAS	LSAS	LSAS	LSAS	LSAS
Date Collected:		12/28/04	06/14/05	09/07/05	01/24/06	10/11/06	12/05/06	01/17/07	04/24/07	07/11/07	09/10/07	02/01/08
Semivolatile Organics												
1,4-Dioxane	ug/L	140	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)												
1,4-Dioxane	ug/L	NA	169	121 J	270	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260B) - SIM												
1,4-Dioxane	ug/L	NA	NA	NA	NA	290 DJ	500 J	NA	NA	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution												
1,4-Dioxane	ug/L	NA	NA	NA	NA	570 J [660 J]	590	500	800	600	740	570 [560]
Volatile Organics (8260B)												
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	2.8	12	7.9	31	55 D [56]	53	26 J	32	67	37	36 [31]
1,1-Dichloroethene	ug/L	40	67.8	55.7	110 J	250 D [180 D]	270	78	120	430	150	150 D [140]
cis-1,2-Dichloroethene	ug/L	12	17.1	28.3	19	42 D [47]	6.8 J	21 J	16	18	14	19 [16]
Tetrachloroethene	ug/L	0.34 U	1 U	0.5 U	0.34 U	3.2 UD [0.78 I]	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U	0.5 U [5 U]
Trichloroethene	ug/L	26	69.6	72.3	110 J	310 D [280 D]	220	220	220	220	150	190 D [150]

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID:		MW-44	MW-44	MW-44	MW-44	MW-44	MW-44	MW-44	MW-44	MW-44	MW-45	MW-45	MW-45	MW-45	MW-45	MW-45
Zone:		S&P Sand	S&P Sand	S&P Sand	S&P Sand	S&P Sand	S&P Sand	S&P Sand	S&P Sand	S&P Sand	S&P Sand	S&P Sand	S&P Sand	S&P Sand	S&P Sand	S&P Sand
Date Collected:		01/12/05	06/24/05	01/31/06	06/29/06	10/12/06	12/13/06	07/10/07	09/13/07	01/28/08	01/12/05	07/14/05	01/26/06	10/10/06	12/15/06	01/29/08
Semivolatile Organics																
1,4-Dioxane	ug/L	2.5 U	NA	NA	NA	NA	NA	NA	NA	NA	2.5 U	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)																
1,4-Dioxane	ug/L	NA	1.9 U	1.1 U [1.1 U]	3 I	NA	NA	NA	NA	NA	NA	2.1 U	1 U	NA	NA	NA
Volatile Organics (8260B) - SIM																
1,4-Dioxane	ug/L	NA	NA	NA	NA	R	1.2 J	NA	NA	NA	NA	NA	NA	R	R	NA
Volatile Organics (8260) - SIM Isotope Dilution																
1,4-Dioxane	ug/L	NA	NA	NA	NA	2 UJ	0.76 U	1.2 J	1.5 I	4.8	NA	NA	NA	2 UJ	0.76 U	1 U
Volatile Organics (8260B)																
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	9.3	7.8	9.5 [8.9]	2.7	2.5	3.3	2.4	1.2	5.1	0.18 U	0.5 U	0.52 U	0.6 U	0.6 U	0.52 U
1,1-Dichloroethene	ug/L	12	8	7.1 [7.2]	4.5	4	6.3	3.6	1.3	2.9	0.36 U	0.5 U	0.45 U	0.83 U	0.83 U	0.44 U
cis-1,2-Dichloroethene	ug/L	0.73 I	0.5 U	0.65 U [0.65 U]	0.65 U	0.75 U	0.75 U	0.75 U	0.75 U	0.65 U	0.18 U	0.5 U	0.65 U	0.75 U	0.75 UJ	0.64 U
Tetrachloroethene	ug/L	0.55 I	0.5 U	0.34 U [0.34 U]	5.7	0.65 U	0.65 U	0.65 U	0.65 U	0.5 UJ	0.18 U	0.5 U	0.34 U	0.65 U	0.65 U	0.5 U
Trichloroethene	ug/L	0.52 I	0.5 U	0.42 I [0.57 I]	1	0.71 U	0.71 U	0.71 U	0.71 U	0.5 UJ	0.11 U	0.5 U	0.28 U	0.71 U	0.71 UJ	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID:		MW-46	MW-46	MW-46	MW-46	MW-46	MW-47	MW-47	MW-47	MW-47	MW-47	MW-48	MW-48	MW-48	MW-48	MW-48	MW-48	MW-48	MW-48
Zone:		Lower AF	Lower AF	Lower AF	Lower AF	Lower AF	USAS	USAS	USAS	USAS	USAS	LSAS	LSAS	LSAS	LSAS	LSAS	LSAS	LSAS	LSAS
Date Collected:		01/20/05	06/16/05	02/18/06	12/12/06	01/31/08	01/06/05	06/17/05	01/26/06	12/18/06	01/30/08	01/07/05	06/14/05	01/23/06	03/21/06	10/10/06	12/18/06	09/13/07	01/30/08
Semivolatile Organics																			
1,4-Dioxane	ug/L	2.5 U	NA	NA	NA	NA	5.4	NA	NA	NA	NA	4 J	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)																			
1,4-Dioxane	ug/L	NA	2.1 U	1 U	NA	NA	NA	8.5	3.7 I [2.4 I]	NA	NA	NA	2.3 J [2.1 J]	1 U	1.1 U	NA	NA	NA	NA
Volatile Organics (8260B) - SIM																			
1,4-Dioxane	ug/L	NA	NA	NA	R	NA	NA	NA	NA	17 J	NA	NA	NA	NA	NA	R	3.9 J	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution																			
1,4-Dioxane	ug/L	NA	NA	NA	0.76 U	1 U [1 UJ]	NA	NA	NA	27	39	NA	NA	NA	NA	3.6 J	4.2	7.8	6.1
Volatile Organics (8260B)																			
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.18 U	0.5 U	0.52 U	0.6 U	0.52 U [0.52 U]	0.52 U	1.7	1.7 [1.5]	2	2.2	0.52 U	0.5 U [0.5 U]	0.52 U	0.52 U	0.6 U	0.6 U	0.6 U	0.52 U
1,1-Dichloroethene	ug/L	0.36 U	0.5 U	0.45 U	0.83 U	0.45 U [0.45 U]	0.45 U	0.5 U	0.45 U [0.45 U]	0.83 U	0.45 U	0.45 U	0.5 U [0.5 U]	0.45 U	0.45 U	0.83 U	0.83 U	0.83 U	0.45 U
cis-1,2-Dichloroethene	ug/L	0.18 U	0.5 U	0.65 U	0.75 U	0.65 U [0.65 U]	0.65 U	0.5 U	0.65 U [0.65 U]	0.75 U	0.65 U	0.65 U	0.5 U [0.5 U]	0.65 U	0.65 U	0.75 U	0.75 U	0.75 U	0.65 U
Tetrachloroethene	ug/L	0.18 U	0.5 U	0.34 U	0.65 U	0.5 U [0.5 U]	0.34 U	0.5 U	0.34 U [0.34 U]	0.65 U	0.5 U	0.34 U	0.5 U [0.5 U]	0.34 U	0.34 U	0.65 U	0.65 U	0.65 U	0.5 U
Trichloroethene	ug/L	0.11 U	0.5 U	0.28 U	0.71 UJ	0.5 U [0.5 U]	0.28 U	0.5 U	0.28 U [0.28 U]	0.71 U	0.5 U	0.28 U	0.5 U [0.5 U]	0.28 U	0.28 U	0.71 U	0.71 U	0.71 U	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: Zone: Date Collected:		MW-49 S&P Sand 01/12/05	MW-49 S&P Sand 06/17/05	MW-49 S&P Sand 01/30/06	MW-49 S&P Sand 12/13/06	MW-49 S&P Sand 01/23/08	MW-50 Lower AF 01/19/05	MW-50 Lower AF 06/17/05	MW-50 Lower AF 01/18/06	MW-50 Lower AF 12/12/06	MW-50 Lower AF 01/28/08
Semivolatile Organics											
1,4-Dioxane	ug/L	2.5 U	NA	NA	NA	NA	2.5 U	NA	NA	NA	NA
Semivolatile Organics (8270C)											
1,4-Dioxane	ug/L	NA	2.1 U	1 U	NA	NA	NA	2.1 U	1 U	NA	NA
Volatile Organics (8260B) - SIM											
1,4-Dioxane	ug/L	NA	NA	NA	R	NA	NA	NA	NA	R	NA
Volatile Organics (8260) - SIM Isotope Dilution											
1,4-Dioxane	ug/L	NA	NA	NA	0.76 U	1 U	NA	NA	NA	0.86 I	1 U
Volatile Organics (8260B)											
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.18 U	0.5 U	0.52 U	0.6 U	0.52 U	0.18 U	0.5 U	0.52 U	0.6 U	0.52 U
1,1-Dichloroethene	ug/L	0.36 U	0.5 U	0.45 U	0.83 U	0.45 U	0.36 U	0.5 U	0.45 U	0.83 U	0.45 U
cis-1,2-Dichloroethene	ug/L	0.18 U	0.5 U	0.65 U	0.75 UJ	0.65 U	0.18 U	0.5 U	0.65 U	0.75 U	0.65 U
Tetrachloroethene	ug/L	0.18 U	0.5 U	0.34 U	0.65 U	0.5 U	0.18 U	0.5 U	0.34 U	0.65 U	0.5 UJ
Trichloroethene	ug/L	0.11 U	0.5 U	0.28 U	0.71 UJ	0.5 U	0.11 U	0.5 U	0.28 U	0.71 UJ	0.5 UJ

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: Zone: Date Collected:		MW-51 Lower AF 01/20/05	MW-51 Lower AF 06/15/05	MW-51 Lower AF 01/19/06	MW-51 Lower AF 12/18/06	MW-51 Lower AF 01/28/08	MW-52 S&P Sand 01/13/05	MW-52 S&P Sand 06/20/05	MW-52 S&P Sand 01/18/06	MW-52 S&P Sand 03/24/06	MW-52 S&P Sand 12/18/06	MW-52 S&P Sand 01/28/08
Semivolatile Organics												
1,4-Dioxane	ug/L	2.5 U	NA	NA	NA	NA	2.5 U	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)												
1,4-Dioxane	ug/L	NA	2 U	1 U	NA	NA	NA	2 U	1 U	1.1 U	NA	NA
Volatile Organics (8260B) - SIM												
1,4-Dioxane	ug/L	NA	NA	NA	R	NA	NA	NA	NA	NA	1.8 J	NA
Volatile Organics (8260) - SIM Isotope Dilution												
1,4-Dioxane	ug/L	NA	NA	NA	0.76 U	1 U	NA	NA	NA	NA	0.76 U	1 U
Volatile Organics (8260B)												
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.18 U	0.5 U	0.52 U	0.6 U	0.52 U	0.18 U	0.5 U	0.52 U	0.52 U	0.6 U	0.52 U
1,1-Dichloroethene	ug/L	0.36 U	0.5 U	0.45 U	0.83 U	0.45 U	0.36 U	0.5 U	0.45 U	0.45 U	0.83 U	0.45 U
cis-1,2-Dichloroethene	ug/L	0.18 U	0.5 U	0.65 U	0.75 U	0.65 U	0.18 U	0.5 U	0.65 U	0.65 U	0.75 U	0.65 U
Tetrachloroethene	ug/L	0.18 U	0.5 U	0.34 U	0.65 U	0.5 UJ	0.18 U	0.5 U	0.34 U	0.34 U	0.65 U	0.5 UJ
Trichloroethene	ug/L	0.11 U	0.5 U	0.28 U	0.71 U	0.5 UJ	0.11 U	0.5 U	0.28 U	0.28 U	0.71 U	0.5 UJ

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-53 S&P Sand 01/12/05	MW-53 S&P Sand 06/20/05	MW-53 S&P Sand 01/18/06	MW-53 S&P Sand 03/24/06	MW-53 S&P Sand 12/18/06	MW-53 S&P Sand 01/28/08	MW-54 S&P Sand 01/12/05	MW-54 S&P Sand 06/20/05	MW-54 S&P Sand 02/21/06	MW-54 S&P Sand 12/18/06	MW-54 S&P Sand 01/28/08
Semivolatile Organics												
1,4-Dioxane	ug/L	2.5 U	NA	NA	NA	NA	NA	2.5 U	NA	NA	NA	NA
Semivolatile Organics (8270C)												
1,4-Dioxane	ug/L	NA	1.9 U	1 U [1 U]	1.1 U	NA	NA	NA	2 U	1 U	NA	NA
Volatile Organics (8260B) - SIM												
1,4-Dioxane	ug/L	NA	NA	NA	NA	1.1 J	NA	NA	NA	NA	R	NA
Volatile Organics (8260) - SIM Isotope Dilution												
1,4-Dioxane	ug/L	NA	NA	NA	NA	0.76 U	1 U [1 U]	NA	NA	NA	0.76 U	1 U
Volatile Organics (8260B)												
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.18 U	0.5 U	0.52 U [0.52 U]	0.52 U	0.6 U	0.52 U [0.52 U]	0.18 U	0.5 U	0.52 U	0.6 U	0.52 U
1,1-Dichloroethene	ug/L	0.36 U	0.5 U	0.45 U [0.45 U]	0.45 U	0.83 U	0.45 U [0.45 U]	0.36 U	0.5 U	0.45 U	0.83 U	0.45 U
cis-1,2-Dichloroethene	ug/L	0.18 U	0.5 U	0.65 U [0.65 U]	0.65 U	0.75 U	0.65 U [0.65 U]	0.18 U	0.5 U	0.65 U	0.75 U	0.65 U
Tetrachloroethene	ug/L	0.18 U	0.5 U	0.34 U [0.34 U]	0.34 U	0.65 U	0.5 UJ [0.5 U]	0.18 U	0.5 U	0.34 U	0.65 U	0.5 UJ
Trichloroethene	ug/L	0.11 U	0.5 U	0.28 U [0.28 U]	0.28 U	0.71 U	0.5 UJ [0.5 U]	0.41 I	0.5 U	0.28 U	0.71 U	0.5 UJ

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: Zone: Date Collected:		MW-55 AF Gravel 01/12/05	MW-55 AF Gravel 06/16/05	MW-55 AF Gravel 07/19/05	MW-55 AF Gravel 01/23/06	MW-55 AF Gravel 02/28/06	MW-55 AF Gravel 03/22/06	MW-55 AF Gravel 04/04/06	MW-55 AF Gravel 10/11/06	MW-55 AF Gravel 12/13/06	MW-55 AF Gravel 01/29/08
Semivolatile Organics											
1,4-Dioxane	ug/L	2.5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)											
1,4-Dioxane	ug/L	NA	5.4	9.3	8.7 I	10	5.5 I	6.9 IJ	NA	NA	NA
Volatile Organics (8260B) - SIM											
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	16 J	5.7 J	NA
Volatile Organics (8260) - SIM Isotope Dilution											
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	15 J	3	14 [15]
Volatile Organics (8260B)											
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.18 U	2.2	1.9	1.8	NA	3.6	2.6	1.4	0.67 I	1.9 [1.6]
1,1-Dichloroethene	ug/L	0.36 U	1.2	0.95 J	1	NA	1.9	1.3	0.85 I	0.83 U	0.44 U [0.44 U]
cis-1,2-Dichloroethene	ug/L	0.18 U	0.5 J	0.63 J	0.65 U	NA	1	0.88 I	0.75 U	0.75 U	0.64 U [0.64 U]
Tetrachloroethene	ug/L	0.18 U	0.5 U	0.5 U	0.34 U	NA	0.34 U	0.34 U	0.65 U	0.65 U	0.5 UJ [0.5 U]
Trichloroethene	ug/L	0.11 U	0.5 U	0.5 U	0.28 U	NA	0.28 U	0.28 U	0.71 U	0.71 U	0.5 U [0.5 U]

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-56 S&P Sand 01/18/05	MW-56 S&P Sand 06/16/05	MW-56 S&P Sand 01/21/06	MW-56 S&P Sand 10/12/06	MW-56 S&P Sand 12/07/06	MW-56 S&P Sand 01/29/08	MW-57 S&P Sand 01/12/05	MW-57 S&P Sand 06/27/05	MW-57 S&P Sand 01/30/06	MW-57 S&P Sand 03/27/06	MW-57 S&P Sand 10/09/06	MW-57 S&P Sand 12/06/06	MW-57 S&P Sand 07/11/07	MW-57 S&P Sand 09/11/07	MW-57 S&P Sand 01/30/08
Semivolatile Organics																
1,4-Dioxane	ug/L	2.5 U	NA	NA	NA	NA	NA	2.5 U	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)																
1,4-Dioxane	ug/L	NA	1.9 U	1 U	NA	NA	NA	NA	2 U	17	1 U [1 UJ]	NA	NA	NA	NA	NA
Volatile Organics (8260B) - SIM																
1,4-Dioxane	ug/L	NA	NA	NA	R [R]	R	NA	NA	NA	NA	NA	R	R [R]	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution																
1,4-Dioxane	ug/L	NA	NA	NA	2 UJ [2 U]	0.76 U	1 U	NA	NA	NA	NA	2 UJ	0.76 U [0.76 U]	0.69 U	0.69 UJ	1 U
Volatile Organics (8260B)																
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.18 U	0.5 U	0.52 U	0.6 U [0.6 U]	0.6 U	0.52 U	0.18 U	0.5 U	11	0.52 U [0.52 U]	0.6 U	0.6 UJ [0.6 U]	0.6 U	0.6 U	0.52 U
1,1-Dichloroethene	ug/L	0.36 U	0.5 U	0.45 U	0.83 U [0.83 U]	0.83 U	0.44 U	0.36 U	0.5 U	27	0.45 U [0.45 U]	0.83 U	0.83 UJ [0.83 U]	0.83 U	0.83 U	0.45 U
cis-1,2-Dichloroethene	ug/L	0.18 U	0.5 U	0.65 U	0.75 U [0.75 U]	0.75 U	0.64 U	0.18 U	0.5 U	0.69 I	0.65 U [0.65 U]	0.75 UJ	0.75 UJ [0.75 U]	0.75 U	0.75 U	0.65 U
Tetrachloroethene	ug/L	0.46 IV	0.5 U	0.34 U	0.65 U [0.65 U]	0.65 U	0.5 U	0.18 U	0.5 U	0.34 U	0.34 U [0.34 U]	0.65 U	0.65 UJ [0.65 U]	0.65 U	0.65 U	0.5 U
Trichloroethene	ug/L	0.11 U	0.5 U	0.28 U	0.71 U [0.71 U]	0.71 U	0.5 U	0.11 U	0.5 U	3.4	0.28 U [0.28 U]	0.71 U	0.71 UJ [0.71 U]	0.71 U	0.71 U	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-58 S&P Sand 01/13/05	MW-58 S&P Sand 06/23/05	MW-58 S&P Sand 01/23/06	MW-58 S&P Sand 10/10/06	MW-58 S&P Sand 12/06/06	MW-58 S&P Sand 01/30/08	MW-59 S&P Sand 01/12/05	MW-59 S&P Sand 06/15/05	MW-59 S&P Sand 01/20/06	MW-59 S&P Sand 12/18/06	MW-59 S&P Sand 01/28/08
Semivolatile Organics												
1,4-Dioxane	ug/L	2.5 U	NA	NA	NA	NA	NA	2.5 U	NA	NA	NA	NA
Semivolatile Organics (8270C)												
1,4-Dioxane	ug/L	NA	2 U	1 U	NA	NA	NA	NA	2 U	1 U	NA	NA
Volatile Organics (8260B) - SIM												
1,4-Dioxane	ug/L	NA	NA	NA	R [R]	R	NA	NA	NA	NA	R	NA
Volatile Organics (8260) - SIM Isotope Dilution												
1,4-Dioxane	ug/L	NA	NA	NA	2 UJ [2 UJ]	0.76 U	1 U [1 U]	NA	NA	NA	0.76 U	1 U
Volatile Organics (8260B)												
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.18 U	0.5 U	0.52 U	0.6 U [0.6 U]	0.6 U	0.52 U [0.52 U]	0.18 U	0.5 U	0.52 U	0.6 U	0.52 U
1,1-Dichloroethene	ug/L	0.36 U	0.5 U	0.45 U	0.83 U [0.83 U]	0.83 U	0.45 U [0.45 U]	0.36 U	0.5 U	0.45 U	0.83 U	0.45 U
cis-1,2-Dichloroethene	ug/L	0.18 U	0.5 U	0.65 U	0.75 U [0.75 U]	0.75 U	0.65 U [0.65 U]	0.18 U	0.5 U	0.65 U	0.75 U	0.65 U
Tetrachloroethene	ug/L	0.23 I	0.5 U	0.34 U	0.65 U [0.65 U]	0.65 U	0.5 U [0.5 U]	0.18 U	0.5 U	0.34 U	0.65 U	0.5 U
Trichloroethene	ug/L	0.2 I	0.5 U	0.28 U	0.71 U [0.71 U]	0.71 U	0.5 U [0.5 U]	0.11 U	0.5 U	0.28 UJ	0.71 U	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-60 S&P Sand 01/13/05	MW-60 S&P Sand 06/15/05	MW-60 S&P Sand 01/23/06	MW-60 S&P Sand 12/18/06	MW-60 S&P Sand 01/28/08	MW-61 S&P Sand 01/20/05	MW-61 S&P Sand 06/15/05	MW-61 S&P Sand 01/20/06	MW-61 S&P Sand 12/11/06	MW-61 S&P Sand 01/30/08	MW-62 USAS 01/20/05	MW-62 USAS 06/16/05	MW-62 USAS 01/26/06	MW-62 USAS 12/12/06	MW-62 USAS 01/31/08
Semivolatile Organics																
1,4-Dioxane	ug/L	2.5 U	NA	NA	NA	NA	2.5 U	NA	NA	NA	NA	2.5 U	NA	NA	NA	NA
Semivolatile Organics (8270C)																
1,4-Dioxane	ug/L	NA	1.9 U	1.1 U	NA	NA	NA	2 U	1 U	NA	NA	NA	1.9 U	1 U	NA	NA
Volatile Organics (8260B) - SIM																
1,4-Dioxane	ug/L	NA	NA	NA	R	NA	NA	NA	NA	R	NA	NA	NA	NA	R [R]	NA
Volatile Organics (8260) - SIM Isotope Dilution																
1,4-Dioxane	ug/L	NA	NA	NA	0.76 U	2.5	NA	NA	NA	0.76 U	1 U [1.3]	NA	NA	NA	0.76 U [0.76 U]	1 U
Volatile Organics (8260B)																
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.18 U	0.5 U	0.52 U	0.6 U	0.52 U	0.18 U	0.5 U	0.52 U	0.6 U	0.52 U [0.52 U]	0.18 U	0.5 U	0.52 U	0.6 U [0.6 U]	0.52 U
1,1-Dichloroethene	ug/L	0.36 U	0.5 U	0.45 U	0.83 U	0.45 U	0.36 U	0.5 U	0.45 U	0.83 U	0.45 U [0.45 U]	0.36 U	0.5 U	0.45 U	0.83 U [0.83 U]	0.45 U
cis-1,2-Dichloroethene	ug/L	0.18 U	0.5 U	0.65 U	0.75 U	0.65 U	0.18 U	0.5 U	0.65 U	0.75 UJ	0.65 U [0.65 U]	0.18 U	0.5 U	0.65 U	0.75 UJ [0.75 UJ]	0.65 U
Tetrachloroethene	ug/L	0.18 U	0.5 U	0.34 U	0.65 U	0.5 U	0.18 U	0.5 U	0.34 U	0.65 U	0.5 U [0.5 U]	0.18 U	0.5 U	0.34 U	0.65 U [0.65 U]	0.5 U
Trichloroethene	ug/L	0.11 U	0.5 U	0.28 U	0.71 U	0.5 U	0.11 U	0.5 U	0.28 UJ	0.71 U	0.5 U [0.5 U]	0.11 U	0.5 U	0.29 I	0.71 UJ [0.71 UJ]	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID:		MW-63	MW-63	MW-63	MW-63	MW-63	MW-63	MW-64	MW-64	MW-64	MW-64	MW-64	MW-64	MW-64	MW-65	MW-65	MW-65	MW-65	MW-65
Zone:		USAS	USAS	USAS	USAS	USAS	USAS	USAS	USAS	USAS	USAS	USAS	USAS	USAS	USAS	USAS	USAS	USAS	USAS
Date Collected:		01/10/05	06/16/05	01/18/06	10/12/06	12/11/06	01/31/08	01/06/05	06/17/05	01/18/06	02/28/06	04/01/06	12/18/06	01/28/08	01/07/05	06/20/05	01/20/06	12/14/06	01/28/08
Semivolatile Organics																			
1,4-Dioxane	ug/L	2.5 U	NA	NA	NA	NA	NA	15	NA	NA	NA	NA	NA	NA	1 U	NA	NA	NA	NA
Semivolatile Organics (8270C)																			
1,4-Dioxane	ug/L	NA	2.1 U	1 U	NA	NA	NA	NA	16.4	23	17 J	24	NA	NA	NA	2 U	1 U	NA	NA
Volatile Organics (8260B) - SIM																			
1,4-Dioxane	ug/L	NA	NA	NA	R	R	NA	NA	NA	NA	NA	NA	44 J	NA	NA	NA	NA	R	NA
Volatile Organics (8260) - SIM Isotope Dilution																			
1,4-Dioxane	ug/L	NA	NA	NA	2 UJ	0.76 U	6.7	NA	NA	NA	NA	NA	71	19	NA	NA	NA	0.76 U	1 U
Volatile Organics (8260B)																			
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.18 U	0.5 U	0.52 U	0.6 U	0.6 U	0.52 U	0.94	4.8	4.4	NA	4.3	4.9	1.7	0.52 U	0.5 U	0.52 U	0.6 U	0.52 U
1,1-Dichloroethene	ug/L	0.36 U	0.5 U	0.45 U	0.83 U	0.83 U	0.45 U	0.45 U	3	2.9	NA	3.1	4.4	0.79 I	0.45 U	0.5 U	0.45 U	0.83 U	0.45 U
cis-1,2-Dichloroethene	ug/L	0.71 I	0.5 U	0.65 U	0.75 U	0.75 UJ	0.65 U	0.65 U	4	4.1	NA	4.3	4.9	2	0.65 U	0.5 U	0.65 U	0.75 UJ	0.65 U
Tetrachloroethene	ug/L	0.18 U	0.5 U	0.34 U	0.65 U	0.65 U	0.5 U	0.34 U	0.5 U	0.34 U	NA	0.34 U	0.65 U	0.5 UJ	0.34 U	0.5 U	0.34 U	0.65 U	0.5 U
Trichloroethene	ug/L	0.53 I	0.5 U	0.28 U	0.71 U	0.71 UJ	0.5 U	5.5	16.1	17	NA	16	18	10 J	0.28 U	0.5 U	0.28 UJ	0.71 UJ	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-66 USAS 01/20/05	MW-66 USAS 06/16/05	MW-66 USAS 01/30/06	MW-66 USAS 12/13/06	MW-66 USAS 01/23/08	MW-67 USAS 01/20/05	MW-67 USAS 06/14/05	MW-67 USAS 01/20/06	MW-67 USAS 03/02/06	MW-67 USAS 04/03/06	MW-67 USAS 06/23/06	MW-67 USAS 10/11/06	MW-67 USAS 12/15/06	MW-67 USAS 01/28/08
Semivolatile Organics															
1,4-Dioxane	ug/L	2.5 U	NA	NA	NA	NA	44	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)															
1,4-Dioxane	ug/L	NA	1.9 U	1 U	NA	NA	NA	52	42	64	23	51	NA	NA	NA
Volatile Organics (8260B) - SIM															
1,4-Dioxane	ug/L	NA	NA	NA	1.1 J	NA	NA	NA	NA	NA	NA	NA	30 J	96 J	NA
Volatile Organics (8260) - SIM Isotope Dilution															
1,4-Dioxane	ug/L	NA	NA	NA	0.76 UJ	1 U	NA	NA	NA	NA	NA	NA	100 J	82	54
Volatile Organics (8260B)															
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.18 U	0.5 U	0.52 U	0.6 U	0.52 U	74	79.7	55	NA	67	68	69	68	25
1,1-Dichloroethene	ug/L	0.36 U	0.5 U	0.45 U	0.83 U	0.45 U	120	88.4	92	NA	96	130	120	140	41
cis-1,2-Dichloroethene	ug/L	0.18 U	0.5 U	0.65 U	0.75 UJ	0.65 U	4.6 I	3	2.4	NA	3.1	2.3	3.2	2.2 J	2.3
Tetrachloroethene	ug/L	0.18 U	0.5 U	0.34 U	0.65 U	0.5 U	0.9 U	0.5 U	0.34 U	NA	0.34 U	0.5 U	0.65 U	0.65 U	0.5 U
Trichloroethene	ug/L	0.11 U	0.5 U	0.28 U	0.71 UJ	0.5 U	14	11.1	14 J	NA	13	7	15	9.5 J	14

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-68 LSAS 01/07/05	MW-68 LSAS 06/15/05	MW-68 LSAS 01/20/06	MW-68 LSAS 03/21/06	MW-68 LSAS 12/18/06	MW-68 LSAS 01/28/08	MW-69 USAS 01/11/05	MW-69 USAS 06/20/05	MW-69 USAS 01/20/06	MW-69 USAS 12/11/06	MW-69 USAS 01/30/08
Semivolatile Organics												
1,4-Dioxane	ug/L	2.7 J	NA	NA	NA	NA	NA	5.5	NA	NA	NA	NA
Semivolatile Organics (8270C)												
1,4-Dioxane	ug/L	NA	2 U	1 U [1 U]	1.1 U	NA	NA	NA	1.9 U	1 U	NA	NA
Volatile Organics (8260B) - SIM												
1,4-Dioxane	ug/L	NA	NA	NA	NA	3.3 J	NA	NA	NA	NA	5.6 J	NA
Volatile Organics (8260) - SIM Isotope Dilution												
1,4-Dioxane	ug/L	NA	NA	NA	NA	4.3	16	NA	NA	NA	5.7	7.4
Volatile Organics (8260B)												
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.52 U	0.5 U	0.52 U [0.52 U]	0.52 U	0.6 U	0.52 U	2.1	0.5 U	0.52 U	1.2	1.1
1,1-Dichloroethene	ug/L	0.45 U	0.5 U	0.86 I [0.72 I]	0.45 U	0.83 U	1.8	0.36 U	0.5 U	0.45 U	0.83 U	0.45 U
cis-1,2-Dichloroethene	ug/L	0.65 U	0.5 U	0.75 I [0.69 I]	0.65 U	0.8 I	1.6	0.18 U	0.5 U	0.65 U	0.75 UJ	0.65 U
Tetrachloroethene	ug/L	0.34 U	0.5 U	0.34 U [0.34 U]	0.34 U	0.65 U	0.5 U	0.18 U	0.5 U	0.34 U	0.65 U	0.5 U
Trichloroethene	ug/L	2.4	0.5 U	3.1 J [0.28 UJ]	2.3	1.8	5.2	0.43 I	0.5 U	0.28 UJ	0.71 U	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID:		MW-70	MW-70	MW-70	MW-70	MW-70	MW-70	MW-70	MW-70	MW-70	MW-70	MW-71	MW-71	MW-71	MW-71	MW-71	MW-71	MW-71	MW-71	MW-71	MW-71
Zone:		USAS	USAS	USAS	USAS	USAS	USAS	USAS	USAS	USAS	USAS	USAS	USAS	USAS	USAS	USAS	USAS	USAS	USAS	USAS	USAS
Date Collected:		01/11/05	06/23/05	02/02/06	10/11/06	12/07/06	01/17/07	04/24/07	07/11/07	09/11/07	01/30/08	01/11/05	06/20/05	01/21/06	10/11/06	12/14/06	01/17/07	04/25/07	07/11/07	09/12/07	01/30/08
Semivolatile Organics																					
1,4-Dioxane	ug/L	3.4 I	NA	NA	NA	NA	NA	NA	NA	NA	NA	20	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)																					
1,4-Dioxane	ug/L	NA	2.1 U	1 U	NA	NA	NA	NA	NA	NA	NA	NA	5.3	1.1 U	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260B) - SIM																					
1,4-Dioxane	ug/L	NA	NA	NA	13 J	2.4 J [2.5 J]	NA	NA	NA	NA	NA	NA	NA	NA	10 J	11 J	NA	NA	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution																					
1,4-Dioxane	ug/L	NA	NA	NA	4.6 J	1.4 I [3.2]	1.4 I	4.6	0.69 U	0.69 UJ	3.1	NA	NA	NA	13 J	7.6	8.4	8.2	6.2 J	5	5.6
Volatile Organics (8260B)																					
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	1	0.94 J	1.5	2.7	4.5 [4.5]	2.7 J	9.5	23	2.8	17	11	7.1	7.6	14	13	5.6 J	5.4	4.8	4.1	9.5
1,1-Dichloroethene	ug/L	1.8	0.5 U	3.2	5.5	5.1 [5]	2	3.4	8.1	0.83 U	4.6	9.3 I	5	6.5	4.3	4.9	1.2	1.9	2	1.4	2
cis-1,2-Dichloroethene	ug/L	0.36 I	0.5 U	0.65 U	0.75 U	0.75 U [0.75 U]	0.75 UJ	0.75 U	0.75 U	0.75 U	0.65 I	31	36.1	56	39	31 J	23 J	45	89	84	70
Tetrachloroethene	ug/L	0.18 U	0.5 U	0.34 U	0.65 U	0.65 U [0.65 U]	0.65 U	0.65 U	0.65 U	0.65 U	0.5 U	2.6 I	1 U	0.34 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.5 U
Trichloroethene	ug/L	0.97 I	0.5 U	3.3	13	15 [15]	9.3	17	28	4	20	360	192	220	180	100 J	47	54	36	31	32

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-72 USAS 01/11/05	MW-72 USAS 06/22/05	MW-72 USAS 06/23/05	MW-72 USAS 01/24/06	MW-72 USAS 03/27/06	MW-72 USAS 10/09/06	MW-72 USAS 12/06/06	MW-72 USAS 01/17/07	MW-72 USAS 04/24/07	MW-72 USAS 07/11/07	MW-72 USAS 09/10/07	MW-72 USAS 01/30/08	MW-73 USAS 01/06/05	MW-73 USAS 06/22/05	MW-73 USAS 02/02/06	MW-73 USAS 10/12/06	MW-73 USAS 12/13/06	MW-73 USAS 01/25/08
Semivolatile Organics																			
1,4-Dioxane	ug/L	2.5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	300	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)																			
1,4-Dioxane	ug/L	NA	2 U	2 U	1 U [1 U]	1 U	NA	NA	NA	NA	NA	NA	NA	NA	42.7	9.2 I	NA	NA	NA
Volatile Organics (8260B) - SIM																			
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	5.3 J	R	NA	NA	NA	NA	NA	NA	NA	NA	140 J	110 J	NA
Volatile Organics (8260) - SIM Isotope Dilution																			
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	2 UJ	0.76 U	0.76 U [0.76 U]	1.1 I	3.1	0.72 I	1 U	NA	NA	NA	180 J	110	84
Volatile Organics (8260B)																			
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.32 I	NA	0.5 U	0.52 U [0.52 U]	0.52 U	0.6 U	0.6 U	0.6 UJ [0.6 U]	0.6 U	0.6 U	0.6 U	0.52 U	210	64.9	82	44	54	53
1,1-Dichloroethene	ug/L	0.65 I	NA	0.5 U	0.45 U [0.45 U]	0.45 U	0.83 U	0.83 U	0.83 U [0.83 U]	1.2	0.83 U	0.83 U	0.45 U	370	98.5	130	89	110	91
cis-1,2-Dichloroethene	ug/L	0.5 I	NA	0.5 U	0.65 U [0.65 U]	0.65 U	0.75 U	0.75 UJ	0.75 UJ [0.75 U]	0.75 U	0.75 U	0.75 U	0.65 U	0.65 U	0.5 U	3.3 U	0.75 U	0.75 U	0.65 U
Tetrachloroethene	ug/L	3.6	NA	3.3	2.8 [3.7]	3.6	4.4	4.8	4.1 J [4.1]	3.1	2.9	1.9	1.7	29	12.1	18	15	9.2	7.9
Trichloroethene	ug/L	4.5	NA	3.7	2.8 [3.8]	2.9	3.6	4	2.4 [2.4]	2.8	2.9	1.9	2.5	29	15.5	27	14	8.4	11

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-74 USAS 01/17/05	MW-74 USAS 06/22/05	MW-74 USAS 01/21/06	MW-74 USAS 02/28/06	MW-74 USAS 04/04/06	MW-74 USAS 06/21/06	MW-74 USAS 10/12/06	MW-74 USAS 12/14/06	MW-74 USAS 01/29/08	MW-75 USAS 01/07/05	MW-75 USAS 06/22/05	MW-75 USAS 02/22/06	MW-75 USAS 10/13/06	MW-75 USAS 12/13/06	MW-75 USAS 01/30/08
Semivolatile Organics																
1,4-Dioxane	ug/L	230	NA	NA	NA	NA	NA	NA	NA	NA	41	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)																
1,4-Dioxane	ug/L	NA	117 J	110	110 J	130	110	NA	NA	NA	NA	39.1	170 J	NA	NA	NA
Volatile Organics (8260B) - SIM																
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	170 J	NA	NA	NA	NA	NA	93 J	NA
Volatile Organics (8260) - SIM Isotope Dilution																
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	350 J	200	130	NA	NA	NA	260 J	110	33
Volatile Organics (8260B)																
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	240 J	NA	NA	NA	NA	NA	310 J	NA	NA
1,1-Dichloroethane	ug/L	300	234	210	NA	130	160	160	140	82	37	45.6	180	150	150	16
1,1-Dichloroethene	ug/L	150	119	120	NA	88	85	85	90	37	4.5	7.6	44	41	45	5.1
cis-1,2-Dichloroethene	ug/L	11	8.8	4.8	NA	5.3	4.4	5.3	3.8 J	3.3 U	0.65 U	2.9	9.5	9.3	5.6	0.65 U
Tetrachloroethene	ug/L	5 IV	0.5 U	0.68 U	NA	0.34 U	1 U	1.4	0.74 I	2.4 U	0.34 U	0.5 U	0.34 U	0.65 U	0.65 U	0.5 U
Trichloroethene	ug/L	11 V	5	5.5	NA	5	4.1	6.2	3.2 J	2.4 U	0.29 J	0.5 U	0.49 I	0.74 I	0.71 U	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-76 USAS 01/11/05	MW-76 USAS 06/21/05	MW-76 USAS 01/25/06	MW-76 USAS 10/11/06	MW-76 USAS 12/13/06	MW-76 USAS 01/18/07	MW-76 USAS 04/24/07	MW-76 USAS 07/10/07	MW-76 USAS 09/11/07	MW-76 USAS 01/24/08
Semivolatile Organics											
1,4-Dioxane	ug/L	32	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)											
1,4-Dioxane	ug/L	NA	9	4.2 I	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260B) - SIM											
1,4-Dioxane	ug/L	NA	NA	NA	13 J	23 J	NA	NA	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution											
1,4-Dioxane	ug/L	NA	NA	NA	47 J	22	18	9.6	7.6 J	6.8 J	9.9
Volatile Organics (8260B)											
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	24 I	10.7	15	18 D	12	3.1 J	4.7	3.3	1.1	3.5
1,1-Dichloroethene	ug/L	23 I	7.9	13	15 D	13	2.4 J	3.9	4.6	1.2	3.1
cis-1,2-Dichloroethene	ug/L	13 I	4.2 J	3.8	7.2 D	3.8 I	2.3 J	2	0.93 I	0.75 U	0.65 U
Tetrachloroethene	ug/L	8.7 I	5.8	3.8 J	4.8 ID	5.4	4 J	5	4.8	6.6	3.1
Trichloroethene	ug/L	620	232	260	430 D	200	61 J	41	51	15	51

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: Zone: Date Collected:		MW-77 LSAS 01/12/05	MW-77 LSAS 06/21/05	MW-77 LSAS 01/19/06	MW-77 LSAS 03/02/06	MW-77 LSAS 04/03/06	MW-77 LSAS 10/16/06	MW-77 LSAS 12/18/06	MW-77 LSAS 01/18/07	MW-77 LSAS 04/24/07	MW-77 LSAS 07/10/07	MW-77 LSAS 09/12/07	MW-77 LSAS 01/24/08
Semivolatile Organics													
1,4-Dioxane	ug/L	120	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)													
1,4-Dioxane	ug/L	NA	65.3	72	1 U	95	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260B) - SIM													
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	170 DJ	89 J	NA	NA	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution													
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	270 J	170	190	280	160 J	200	150 [220]
Volatile Organics (8260B)													
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	12	50.2	41	NA	36	15	50	23	33	45	30	39 [45]
1,1-Dichloroethene	ug/L	9.9	28.5	26	NA	20	13	26	8.7	14	34	17	18 [20]
cis-1,2-Dichloroethene	ug/L	1.8	2.3	2	NA	2	1.8	2.6	2.2	3.7	3.9	2.6	3.5 [3.8]
Tetrachloroethene	ug/L	0.18 U	1.7	1.6	NA	0.61 I	0.97 I	1.4	1.3	1.4	0.93 I	1.4	1.3 [1.4]
Trichloroethene	ug/L	1	9	12	NA	10	9.3	16	13	20	29	26	24 [26]

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-78 LSAS 01/10/05	MW-78 LSAS 06/24/05	MW-78 LSAS 01/31/06	MW-78 LSAS 10/12/06	MW-78 LSAS 12/13/06	MW-78 LSAS 01/18/07	MW-78 LSAS 04/24/07	MW-78 LSAS 07/10/07	MW-78 LSAS 09/11/07	MW-78 LSAS 01/28/08
Semivolatile Organics											
1,4-Dioxane	ug/L	290	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)											
1,4-Dioxane	ug/L	NA	86.5	140 [170]	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260B) - SIM											
1,4-Dioxane	ug/L	NA	NA	NA	86 J	100 J	NA	NA	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution											
1,4-Dioxane	ug/L	NA	NA	NA	210 J	140	200	130	140 J	170	99
Volatile Organics (8260B)											
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	320	382	400 [420]	490 D	480	160 J	170	490	300	340 D
1,1-Dichloroethene	ug/L	140	199	220 [220]	340 D	340	92 J	180	440	220	320 D
cis-1,2-Dichloroethene	ug/L	34	93.5	140 [140]	190 D	190	75 J	120	190	130	110
Tetrachloroethene	ug/L	2.4 I	2.5 U	3.8 [3.6]	4.8 ID	6.1	3.8 J	5.8	4.6 I	6.9	6.4 J
Trichloroethene	ug/L	13	29.9	55 [54]	76 D	67	33 J	59	68	70	48 J

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-79 LSAS 01/10/05	MW-79 LSAS 06/15/05	MW-79 LSAS 01/31/06	MW-79 LSAS 10/11/06	MW-79 LSAS 12/13/06	MW-79 LSAS 01/18/07	MW-79 LSAS 04/25/07	MW-79 LSAS 07/10/07	MW-79 LSAS 09/12/07	MW-79 LSAS 01/23/08
Semivolatile Organics											
1,4-Dioxane	ug/L	22	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)											
1,4-Dioxane	ug/L	NA	44.6 [44.8]	65 J	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260B) - SIM											
1,4-Dioxane	ug/L	NA	NA	NA	30 J	61 J	NA	NA	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution											
1,4-Dioxane	ug/L	NA	NA	NA	76 J	56	51	64	57 J [97 J]	57 [64]	52
Volatile Organics (8260B)											
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	1.8 U	5 U [5 U]	1.5	3 UD	3 U	3 U	3.6 I	5.5 [6 U]	3.1 I [3.7]	4
1,1-Dichloroethene	ug/L	5.9 I	13.4 [12.9]	5.6	6.5 D	8.2	4.2 U	8.5	10 [16]	4.7 I [4.4]	14
cis-1,2-Dichloroethene	ug/L	67	420 [417]	220	350 D	320	220	190	340 D [280]	220 [200]	140
Tetrachloroethene	ug/L	1.8 U	5 U [5 U]	0.34 U	3.2 UD	3.2 U	3.2 U	3.2 U	0.65 U [6.5 U]	3.2 U [0.65 U]	0.5 U
Trichloroethene	ug/L	310	827 [988]	220	190 D	180	140	130	120 [130]	81 [87]	100

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-80 LSAS 01/10/05	MW-80 LSAS 06/22/05	MW-80 LSAS 01/24/06	MW-80 LSAS 10/09/06	MW-80 LSAS 12/06/06	MW-80 LSAS 01/17/07	MW-80 LSAS 04/24/07	MW-80 LSAS 07/11/07	MW-80 LSAS 09/10/07	MW-80 LSAS 01/30/08
Semivolatile Organics											
1,4-Dioxane	ug/L	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)											
1,4-Dioxane	ug/L	NA	4.7 J	3.7 I [2.4 I]	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260B) - SIM											
1,4-Dioxane	ug/L	NA	NA	NA	R [R]	23 J	NA	NA	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution											
1,4-Dioxane	ug/L	NA	NA	NA	47 J [35 J]	31	48	64	61	72	95
Volatile Organics (8260B)											
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	29	51.8	21 [22]	21 [18]	23	11 J	12	21	13	17
1,1-Dichloroethene	ug/L	280	485	250 [240]	170 [160]	240 D	81 J	110	410 D	140	170 D
cis-1,2-Dichloroethene	ug/L	7.4 I	10.5	3.5 [3.6]	6.8 [6]	1.7 J	3.9 J	4.7	5.2	3.9	6.2
Tetrachloroethene	ug/L	4.6 I	10.8	6.8 [4.8]	7 [6.3]	9.9	5.7 J	4.6	8	5.1	4.5
Trichloroethene	ug/L	28	44.7	23 [22]	26 [23]	36	15 J	15	23	17	23

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-81 LSAS 01/11/05	MW-81 LSAS 06/23/05	MW-81 LSAS 02/01/06	MW-81 LSAS 10/10/06	MW-81 LSAS 12/15/06	MW-81 LSAS 01/18/07	MW-81 LSAS 04/25/07	MW-81 LSAS 07/10/07	MW-81 LSAS 09/12/07	MW-81 LSAS 01/30/08
Semivolatile Organics											
1,4-Dioxane	ug/L	41	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)											
1,4-Dioxane	ug/L	NA	30.1	27	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260B) - SIM											
1,4-Dioxane	ug/L	NA	NA	NA	20 J	68 J [79 J]	NA	NA	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution											
1,4-Dioxane	ug/L	NA	NA	NA	55 J	79 [79]	78	53	27 J	60	150
Volatile Organics (8260B)											
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	2.3	2.1	6.6	1.5	1.7 [2.5]	2.1 J	0.6 U	0.6 U	0.6 U	8.1
1,1-Dichloroethene	ug/L	9.6	2.3	46	2.3	3.5 J [7.2 J]	9.3	0.92 I	1.1	1.5	78
cis-1,2-Dichloroethene	ug/L	2.4	0.5 U	19	0.75 UJ	0.75 UJ [1.2 J]	6.8 J	0.75 U	0.75 U	0.75 U	49
Tetrachloroethene	ug/L	0.18 U	0.5 U	0.34 U	0.65 U	0.65 U [0.65 U]	0.65 U	0.65 U	0.65 U	0.65 U	0.5 U
Trichloroethene	ug/L	22	2.1	240	0.89 I	0.71 J [15 J]	88	5	1.7	7.9	890 EJ

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID:		MW-82	MW-82	MW-82	MW-82	MW-82	MW-82	MW-82	MW-82	MW-82	MW-83	MW-83	MW-83	MW-83	MW-83	MW-83	MW-83
Zone:		LSAS	LSAS	LSAS	LSAS	LSAS	LSAS	LSAS	LSAS	LSAS	AF Gravel	AF Gravel	AF Gravel	AF Gravel	AF Gravel	AF Gravel	AF Gravel
Date Collected:		01/17/05	06/16/05	01/21/06	03/01/06	04/04/06	06/22/06	10/12/06	12/14/06	01/29/08	01/20/05	06/21/05	01/19/06	03/22/06	10/18/06	12/14/06	01/24/08
Semivolatile Organics																	
1,4-Dioxane	ug/L	180	NA	NA	NA	NA	NA	NA	NA	NA	2.5 U	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)																	
1,4-Dioxane	ug/L	NA	131	280	180 J	200	220 D	NA	NA	NA	NA	2 U	1 U	1 U	NA	NA	NA
Volatile Organics (8260B) - SIM																	
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	430 J	NA	NA	NA	NA	NA	R [R]	R	NA
Volatile Organics (8260) - SIM Isotope Dilution																	
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	680 J	560	580	NA	NA	NA	NA	2 UJ [2 UJ]	0.76 U	1 U
Volatile Organics (8260B)																	
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	440 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	25	57.6	100	NA	54	26	96	110	73	0.18 U	0.5 U	0.52 U	0.52 U	0.6 U [0.6 U]	0.6 U	0.52 U
1,1-Dichloroethene	ug/L	5.6	15.3	40	NA	26	13	45	52	17	0.36 U	0.5 U	0.45 U	0.45 U	0.83 U [0.83 U]	0.83 U	0.45 U
cis-1,2-Dichloroethene	ug/L	1	1.9	3.7	NA	2.3	0.87 I	4.3	4.4 J	6.4 U	0.18 U	0.5 U	0.65 U	0.65 U	0.75 U [0.75 U]	0.75 UJ	0.65 U
Tetrachloroethene	ug/L	0.18 U	0.5 U	0.34 U	NA	0.34 U	0.5 U	0.65 U	0.65 U	5 U	0.18 U	0.5 U	0.34 U	0.34 U	0.65 U [0.65 U]	0.65 U	0.5 U
Trichloroethene	ug/L	0.11 U	0.5 U	0.28 U	NA	0.28 U	0.5 U	0.71 U	0.71 UJ	5 U	0.11 U	0.5 U	0.28 U	0.28 U	0.71 U [0.71 U]	0.71 UJ	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID:		MW-84	MW-84	MW-84	MW-84	MW-84	MW-84	MW-84	MW-84	MW-84	MW-84	MW-84	MW-84	MW-85	MW-85	MW-85	MW-85	MW-85	MW-85	MW-85	MW-85
Zone:		LSAS	LSAS	LSAS	LSAS	LSAS	LSAS	LSAS	LSAS	LSAS	LSAS	LSAS	LSAS	LSAS	LSAS	LSAS	LSAS	LSAS	LSAS	LSAS	LSAS
Date Collected:		01/17/05	06/14/05	06/22/05	01/24/06	03/20/06	10/10/06	12/06/06	01/17/07	04/24/07	07/11/07	09/11/07	01/25/08	01/17/05	06/21/05	01/20/06	02/28/06	04/03/06	10/12/06	12/13/06	01/24/08
Semivolatile Organics																					
1,4-Dioxane	ug/L	2.5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	230	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)																					
1,4-Dioxane	ug/L	NA	42.9	2 U	1 U	1 U	NA	NA	NA	NA	NA	NA	NA	NA	27.6	150	140	190	NA	NA	NA
Volatile Organics (8260B) - SIM																					
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	R	1.1 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	300 J	NA
Volatile Organics (8260) - SIM Isotope Dilution																					
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	2.4 J	0.76 U	1.5 I	2.3	3.8	2.1 J [2.2]	1 U	NA	NA	NA	NA	NA	490 J	330	590
Volatile Organics (8260B)																					
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	430 J	NA	NA
1,1-Dichloroethane	ug/L	0.18 U	3.8	0.5 U	0.52 U	0.52 U	0.6 U	0.6 U	0.6 UJ	0.6 U	0.6 U	0.6 U [0.6 U]	0.52 U	82	46.5	53	NA	88	67	91	98
1,1-Dichloroethene	ug/L	0.36 U	20.7	0.5 U	0.45 U	0.45 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U [0.83 U]	0.45 U	68	32.3	36	NA	76	66	94	92
cis-1,2-Dichloroethene	ug/L	0.18 U	9.7	0.5 U	0.65 U	0.65 U	0.75 U	0.75 UJ	0.75 UJ	0.75 U	0.75 U	0.75 U [0.75 U]	0.65 U	49	24.6	22	NA	34	35	37	34
Tetrachloroethene	ug/L	0.18 U	1 U	0.5 U	0.34 U	0.34 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U [0.65 U]	0.5 U	1.1 IV	0.5 U	0.34 U	NA	0.34 U	0.65 U	0.65 U	0.5 U
Trichloroethene	ug/L	0.11 U	109	0.5 U	0.28 U	0.28 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U [0.71 U]	0.5 U	6.9 V	2.1	4.1 J	NA	9.4	9.2	6.2	7.6

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-86 LSAS 01/18/05	MW-86 LSAS 06/14/05	MW-86 LSAS 02/20/06	MW-86 LSAS 10/11/06	MW-86 LSAS 12/18/06	MW-86 LSAS 01/28/08	MW-87 LSAS 01/19/05	MW-87 LSAS 06/23/05	MW-87 LSAS 02/22/06	MW-87 LSAS 10/13/06	MW-87 LSAS 12/13/06	MW-87 LSAS 01/18/07	MW-87 LSAS 04/25/07	MW-87 LSAS 07/10/07	MW-87 LSAS 09/13/07	MW-87 LSAS 01/30/08
Semivolatile Organics																	
1,4-Dioxane	ug/L	2.5 U	NA	NA	NA	NA	NA	400	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)																	
1,4-Dioxane	ug/L	NA	6.8	13	NA	NA	NA	NA	184	200 J	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260B) - SIM																	
1,4-Dioxane	ug/L	NA	NA	NA	6.7 J	12 J	NA	NA	NA	NA	NA	380 J	NA	NA	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution																	
1,4-Dioxane	ug/L	NA	NA	NA	16 J	18	13	NA	NA	NA	500 J [500 DJ]	520	310	630	340 J	270	400 DJ
Volatile Organics (8260B)																	
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	560 DJ [420 J]	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.18 U	4.9	5.5	2.8	3.1	1.6	460	142	220	130 D [130]	240	140	110	170	110	190 EJ
1,1-Dichloroethene	ug/L	0.36 U	4.9	5.1	3.2	4	1.8	1,700	443	870	510 D [700 D]	990	560	490	1,100	470	970 EJ
cis-1,2-Dichloroethene	ug/L	0.18 U	0.5 U	0.65 U	0.75 U	0.75 U	0.65 U	32 I	10.4	14	8.7 D [8.6]	9	7.5 U	5.4	7.5 U	7.5 U	8.5
Tetrachloroethene	ug/L	0.46 IV	0.5 U	0.34 U	0.65 U	0.65 U	0.5 U	150	62.9	83	110 D [99]	91	84	68	76	67	61
Trichloroethene	ug/L	0.64 IV	0.5 U	0.28 U	0.71 U	0.71 U	0.5 U	1,000	381	400	460 D [480 D]	380	250	280	380	320	360 EJ

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-88 Zone 1 Clay 01/20/05	MW-88 Zone 1 Clay 06/16/05	MW-88 Zone 1 Clay 01/21/06	MW-88 Zone 1 Clay 10/12/06	MW-88 Zone 1 Clay 12/07/06	MW-88 Zone 1 Clay 01/29/08	MW-89 USAS 01/13/05	MW-89 USAS 06/16/05	MW-89 USAS 01/27/06	MW-89 USAS 12/13/06	MW-89 USAS 01/23/08	MW-90 USAS 01/19/05	MW-90 USAS 06/17/05	MW-90 USAS 01/25/06	MW-90 USAS 12/14/06	MW-90 USAS 01/23/08
Semivolatile Organics																	
1,4-Dioxane	ug/L	2.5 U	NA	NA	NA	NA	NA	2.5 U	NA	NA	NA	NA	2.5 U	NA	NA	NA	NA
Semivolatile Organics (8270C)																	
1,4-Dioxane	ug/L	NA	1.9 U	1 U	NA	NA	NA	NA	2.1 U	1 U [1 U]	NA	NA	NA	2 U	1 U [1 U]	NA	NA
Volatile Organics (8260B) - SIM																	
1,4-Dioxane	ug/L	NA	NA	NA	R [R]	R	NA	NA	NA	NA	3.6 J	NA	NA	NA	NA	R	NA
Volatile Organics (8260) - SIM Isotope Dilution																	
1,4-Dioxane	ug/L	NA	NA	NA	2 UJ [2 UJ]	0.76 U	1 U	NA	NA	NA	2.6	2.9	NA	NA	NA	0.76 U	1 U
Volatile Organics (8260B)																	
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.18 U	0.5 U	0.52 U	0.6 U [0.6 U]	0.6 U	0.52 U	0.71 I	0.67 J	0.6 I [0.52 U]	0.6 U	0.52 U	0.18 U	0.5 U	0.52 U [0.52 U]	0.6 U	0.52 U
1,1-Dichloroethene	ug/L	0.36 U	0.5 U	0.45 U	0.83 U [0.83 U]	0.83 U	0.44 U	0.36 U	0.5 U	0.45 U [0.45 U]	0.83 U	0.45 U	0.36 U	0.5 U	0.45 U [0.45 U]	0.83 U	0.45 U
cis-1,2-Dichloroethene	ug/L	0.18 U	0.5 U	0.65 U	0.75 U [0.75 U]	0.75 U	0.64 U	0.18 U	0.5 U	0.65 U [0.65 U]	0.75 UJ	0.65 U	0.18 U	0.5 U	0.65 U [0.65 U]	0.75 UJ	0.65 U
Tetrachloroethene	ug/L	0.18 U	0.5 U	0.34 U	0.65 U [0.65 U]	0.65 U	0.5 U	0.18 U	0.5 U	0.34 U [0.34 U]	0.65 U	0.5 U	0.18 U	0.5 U	0.34 U [0.34 U]	0.65 U	0.5 U
Trichloroethene	ug/L	0.11 U	0.5 U	0.28 U	0.71 U [0.71 U]	0.71 U	0.5 U	0.2 I	0.5 U	0.28 U [0.28 U]	0.71 UJ	0.5 U	0.11 U	0.5 U	0.28 U [0.28 U]	0.71 UJ	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID:		MW-91	MW-91	MW-91	MW-91	MW-91	MW-91	MW-92	MW-92	MW-92	MW-92	MW-92	MW-92	MW-93	MW-93	MW-93	MW-93	MW-93	MW-93	MW-93
Zone:		LSAS	LSAS	LSAS	LSAS	LSAS	LSAS	LSAS	LSAS	LSAS	LSAS	LSAS	LSAS	LSAS	LSAS	LSAS	LSAS	LSAS	LSAS	LSAS
Date Collected:		01/19/05	06/17/05	01/30/06	10/10/06	12/18/06	01/28/08	01/19/05	06/16/05	01/18/06	10/12/06	12/12/06	01/31/08	01/20/05	06/16/05	01/18/06	06/27/06	10/12/06	12/12/06	01/28/08
Semivolatile Organics																				
1,4-Dioxane	ug/L	51	NA	NA	NA	NA	NA	2.5 U	NA	NA	NA	NA	NA	2.5 U	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)																				
1,4-Dioxane	ug/L	NA	30.2	36	NA	NA	NA	NA	2.1 U [1.9 U]	1 U	NA	NA	NA	NA	1.9 U	1 U	1.7 I	NA	NA	NA
Volatile Organics (8260B) - SIM																				
1,4-Dioxane	ug/L	NA	NA	NA	29 J	58 J	NA	NA	NA	NA	R	R	NA	NA	NA	NA	NA	61 J	R	NA
Volatile Organics (8260) - SIM Isotope Dilution																				
1,4-Dioxane	ug/L	NA	NA	NA	130 DJ	89	85	NA	NA	NA	2 UJ	0.76 U	1 U	NA	NA	NA	NA	2 UJ	0.76 U	1 U
Volatile Organics (8260B)																				
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	2.3	2.8	3.4	5.8	5.5	3.8	0.18 U	0.5 U [0.5 U]	0.52 U	0.6 U	0.6 U	0.52 U	0.18 U	0.5 U	0.52 U	0.52 U	0.6 U	0.6 U	0.52 U
1,1-Dichloroethene	ug/L	3.2	2.7	3.6	4.6	5.3	3.1	0.36 U	0.5 U [0.5 U]	0.45 U	0.83 U	0.83 U	0.45 U	0.36 U	0.5 U	0.45 U	0.45 U	0.83 U	0.83 U	0.45 U
cis-1,2-Dichloroethene	ug/L	5.4	5.9	4.4	9.8	7.2	7	0.18 U	0.5 U [0.5 U]	0.65 U	0.75 U	0.75 U	0.65 U	0.18 U	0.5 U	0.65 U	0.65 U	0.75 U	0.75 U	0.65 U
Tetrachloroethene	ug/L	0.18 U	0.5 U	0.34 U	0.65 U	0.65 U	0.5 UJ	0.18 U	0.5 U [0.5 U]	0.34 U	0.65 U	0.65 U	0.5 U	0.18 U	0.5 U	0.34 U	0.5 U	0.65 U	0.65 U	0.5 U
Trichloroethene	ug/L	3.5	5	6.9	22	14	16 J	0.11 U	0.5 U [0.5 U]	0.28 U	0.71 U	0.71 UJ	0.5 U	0.11 U	0.5 U	0.28 U	0.5 U	0.71 U	0.71 UJ	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID:		MW-94	MW-94	MW-94	MW-94	MW-94	MW-94	MW-95	MW-95	MW-95	MW-95	MW-95	MW-95	MW-96	MW-96	MW-96	MW-96	MW-96
Zone:		USAS	USAS	USAS	USAS	USAS	USAS	USAS	USAS	USAS	USAS	USAS	USAS	Zone 3-4 Clay	Zone 3-4 Clay	Zone 3-4 Clay	Zone 3-4 Clay	Zone 3-4 Clay
Date Collected:		01/20/05	06/21/05	01/26/06	10/18/06	12/14/06	01/24/08	01/20/05	06/21/05	06/21/05	01/26/06	12/19/06	01/24/08	02/16/05	06/17/05	01/26/06	12/15/06	01/29/08
Semivolatile Organics																		
1,4-Dioxane	ug/L	3.8 I	NA	NA	NA	NA	NA	11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)																		
1,4-Dioxane	ug/L	NA	2.9 J	1 U	NA	NA	NA	NA	2 U	2 U	1 U	NA	NA	2.5 U	2 U	1 U	NA	NA
Volatile Organics (8260B) - SIM																		
1,4-Dioxane	ug/L	NA	NA	NA	10 J	9.7 J	NA	NA	NA	NA	NA	2.7 J	NA	NA	NA	NA	R	NA
Volatile Organics (8260) - SIM Isotope Dilution																		
1,4-Dioxane	ug/L	NA	NA	NA	13 J	11	19	NA	NA	NA	NA	3	35	NA	NA	NA	0.76 U	1 U
Volatile Organics (8260B)																		
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.18 U	0.5 U	0.52 U	0.6 U	0.6 U	0.52 U	0.18 U	0.5 U	0.5 U	0.52 U	0.6 U	0.52 U	0.18 U	0.5 U	0.52 U	0.6 U	0.52 U
1,1-Dichloroethene	ug/L	0.36 U	0.5 U	0.45 U	0.83 U	0.83 U	0.45 U	0.36 U	0.5 U	0.5 U	0.45 U	0.83 U	0.45 U	0.36 U	0.5 U	0.45 U	0.83 U	0.44 U
cis-1,2-Dichloroethene	ug/L	0.18 U	0.5 U	0.65 U	0.75 U	0.75 UJ	0.65 U	0.18 U	0.5 U	0.5 U	0.65 U	0.75 UJ	0.65 U	NA	0.5 U	0.65 U	0.75 U	0.64 U
Tetrachloroethene	ug/L	0.18 U	0.5 U	0.34 U	0.65 U	0.65 U	0.5 U	0.18 U	0.5 U	0.5 U	0.34 U	0.65 U	0.5 U	0.18 U	0.5 U	0.34 U	0.65 U	0.5 U
Trichloroethene	ug/L	0.11 U	0.5 U	0.28 U	0.71 U	0.71 UJ	0.5 U	0.16 I	0.5 U	0.5 U	0.28 U	0.71 UJ	0.5 U	0.11 U	0.5 U	0.28 U	0.71 U	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-97 Zone 3-4 Clay 02/16/05	MW-97 Zone 3-4 Clay 06/21/05	MW-97 Zone 3-4 Clay 02/16/06	MW-97 Zone 3-4 Clay 12/12/06	MW-97 Zone 3-4 Clay 01/30/08	MW-98 LSAS 02/15/05	MW-98 LSAS 06/16/05	MW-98 LSAS 02/02/06	MW-98 LSAS 10/12/06	MW-98 LSAS 12/13/06	MW-98 LSAS 01/25/08
Semivolatile Organics												
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)												
1,4-Dioxane	ug/L	2.5 U	2 U	R	NA	NA	470	205	420 Q	NA	NA	NA
Volatile Organics (8260B) - SIM												
1,4-Dioxane	ug/L	NA	NA	NA	R	NA	NA	NA	NA	NA	650 J	NA
Volatile Organics (8260) - SIM Isotope Dilution												
1,4-Dioxane	ug/L	NA	NA	NA	0.76 U	1 U	NA	NA	NA	1,200 J	900	710
Volatile Organics (8260B)												
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	940 DJ	NA	NA
1,1-Dichloroethane	ug/L	0.18 U	0.5 U	0.52 U	0.6 U	0.52 U	190	149	200	170 D	35	170 D
1,1-Dichloroethene	ug/L	0.36 U	0.5 U	0.45 U	0.83 U	0.45 U	390	332	440	420 D	86	480 D
cis-1,2-Dichloroethene	ug/L	NA	0.5 U	0.65 U	0.75 U	0.65 U	NA	5 U	4.7	5.6 D	0.75 U	3.6
Tetrachloroethene	ug/L	0.18 U	0.5 U	0.34 UJ	0.65 U	0.5 U	5.6	8.9 J	13	21 D	2.4	13
Trichloroethene	ug/L	0.11 U	0.5 U	0.28 U	0.71 UJ	0.5 U	65 D	27.2	73	72 D	7.7	47

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID:		MW-99	MW-99	MW-99	MW-99	MW-99	MW-99	MW-99	MW-99	MW-99
Zone:		Zone 1 Clay	Zone 1 Clay	Zone 1 Clay	Zone 1 Clay	Zone 1 Clay	Zone 1 Clay	Zone 1 Clay	Zone 1 Clay	Zone 1 Clay
Date Collected:		02/15/05	06/21/05	06/21/05	01/23/06	02/28/06	03/15/06	04/01/06	12/14/06	01/25/08
Semivolatile Organics										
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)										
1,4-Dioxane	ug/L	2.5 U	2 U	2 U	3.9 I	1 U	1.7 I	1 U	NA	NA
Volatile Organics (8260B) - SIM										
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	1.2 J	NA
Volatile Organics (8260) - SIM Isotope Dilution										
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	0.76 U	1 U [1 U]
Volatile Organics (8260B)										
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.45 I	0.5 U	NA	4.6	NA	0.52 U	0.52 U	0.6 U	0.52 U [0.52 U]
1,1-Dichloroethene	ug/L	0.67 I	0.5 U	NA	0.63 I	NA	0.45 U	0.45 U	0.83 U	0.45 U [0.45 U]
cis-1,2-Dichloroethene	ug/L	NA	0.5 U	NA	0.65 U	NA	0.65 U	0.65 U	0.75 UJ	0.65 U [0.65 U]
Tetrachloroethene	ug/L	0.18 U	0.5 U	NA	0.34 U	NA	0.34 U	0.34 U	0.65 U	0.5 U [0.5 U]
Trichloroethene	ug/L	0.11 I	0.5 U	NA	0.28 U	NA	0.28 U	0.28 U	0.71 UJ	0.5 U [0.5 U]

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-100 USAS 02/15/05	MW-100 USAS 06/22/05	MW-100 USAS 01/23/06	MW-100 USAS 01/31/06	MW-100 USAS 02/28/06	MW-100 USAS 03/15/06	MW-100 USAS 04/01/06	MW-100 USAS 10/12/06	MW-100 USAS 12/14/06	MW-100 USAS 01/25/08	MW-101 LSAS 02/14/05	MW-101 LSAS 06/16/05	MW-101 LSAS 01/23/06	MW-101 LSAS 10/11/06	MW-101 LSAS 12/13/06	MW-101 LSAS 01/29/08
Semivolatile Organics																	
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)																	
1,4-Dioxane	ug/L	14	3.2 J	2.9 I	8.7 I [14]	7.8 I	12	8.2 I	NA	NA	NA	2.5 U	2 U	1 U	NA	NA	NA
Volatile Organics (8260B) - SIM																	
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	R	8.9 J	NA	NA	NA	NA	20 J	1.3 J	NA
Volatile Organics (8260) - SIM Isotope Dilution																	
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	32 J	12	28	NA	NA	NA	19 J	0.76 U	2.5
Volatile Organics (8260B)																	
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	3.1	4	4.5	4.3 [4.6]	NA	4.9	4.4	7.4	3.8	7.5	0.18 U	0.5 U	0.91 I	2	0.6 U	0.52 U
1,1-Dichloroethene	ug/L	0.86 I	1.1	1.6	0.45 U [1.4]	NA	4.6	1.1	2.2	1.4	2.2	0.36 U	0.5 U	0.55 I	1.1	0.83 U	0.44 U
cis-1,2-Dichloroethene	ug/L	NA	0.5 U	0.65 U	0.65 U [0.65 U]	NA	0.65 U	0.65 U	0.75 U	0.75 UJ	0.65 U	NA	0.5 U	0.65 U	0.89 I	0.75 U	0.64 U
Tetrachloroethene	ug/L	0.18 U	0.5 U	0.34 U	0.34 U [0.34 U]	NA	0.34 U	0.34 U	0.65 U	0.65 U	0.5 U	0.18 U	0.5 U	0.34 U	0.65 U	0.65 U	0.5 UJ
Trichloroethene	ug/L	0.11 U	0.5 U	0.28 U	0.28 U [0.28 U]	NA	0.28 U	0.28 U	0.71 U	0.71 UJ	0.5 U	0.11 U	0.5 U	0.28 U	0.71 U	0.71 U	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID:		MW-102	MW-102	MW-102	MW-102	MW-102	MW-103	MW-103	MW-103	MW-103	MW-103	MW-104	MW-104	MW-104	MW-104	MW-104	MW-104
Zone:		AF Gravel	AF Gravel	AF Gravel	AF Gravel	AF Gravel	USAS	USAS	USAS	USAS	USAS	USAS	USAS	USAS	USAS	USAS	USAS
Date Collected:		02/15/05	06/22/05	02/01/06	12/19/06	01/25/08	02/15/05	06/21/05	02/01/06	12/19/06	01/25/08	02/14/05	06/21/05	02/21/06	10/11/06	12/18/06	01/28/08
Semivolatile Organics																	
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)																	
1,4-Dioxane	ug/L	2.5 U	2 U	1 U [1 U]	NA	NA	2.5 U	2 U [2 UR]	1 U [1 U]	NA	NA	110	93.6	140	NA	NA	NA
Volatile Organics (8260B) - SIM																	
1,4-Dioxane	ug/L	NA	NA	NA	0.96 J	NA	NA	NA	NA	1.9 J	NA	NA	NA	NA	170 DJ	140 J [160 J]	NA
Volatile Organics (8260) - SIM Isotope Dilution																	
1,4-Dioxane	ug/L	NA	NA	NA	0.76 U	1 U	NA	NA	NA	1.5 I	1 U	NA	NA	NA	230 J	220 [170 J]	91
Volatile Organics (8260B)																	
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.18 U	0.5 U	0.52 U [0.52 U]	0.6 U	0.52 U	0.18 U	0.5 U [0.5 U]	0.52 U [0.52 U]	0.6 U	0.52 U	25	32.7	38	37	32 [36]	23
1,1-Dichloroethene	ug/L	0.36 U	0.5 U	0.45 U [0.45 U]	0.83 U	0.45 U	0.36 U	0.5 U [0.5 U]	0.45 U [0.45 U]	0.83 U	0.45 U	14	24.6	32	38	38 [41]	25
cis-1,2-Dichloroethene	ug/L	NA	0.5 U	0.65 U [0.65 U]	0.75 U	0.65 U	NA	0.5 U [0.5 U]	0.65 U [0.65 U]	0.75 UJ	0.65 U	NA	0.5 U	0.65 U	0.75 U	0.75 U [0.75 U]	0.65 U
Tetrachloroethene	ug/L	0.18 U	0.5 U	0.34 U [0.34 U]	0.65 U	0.5 U	0.18 U	0.5 U [0.5 U]	0.34 U [0.34 U]	0.65 U	0.5 U	0.18 U	0.5 U	0.34 U	0.65 U	0.65 U [0.65 U]	0.5 UJ
Trichloroethene	ug/L	0.11 U	0.5 U	0.28 U [0.28 U]	0.71 U	0.5 U	0.11 U	0.5 U [0.5 U]	0.28 U [0.28 U]	0.71 UJ	0.5 U	1.3	1.2	1.8	1.6	1.1 [1.1]	0.85 J

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID:		MW-105	MW-105	MW-105	MW-105	MW-105	MW-105	MW-106	MW-106	MW-106	MW-106	MW-106	MW-106	MW-107	MW-107	MW-107	MW-107	MW-107
Zone:		LSAS	LSAS	LSAS	LSAS	LSAS	LSAS	LSAS	LSAS	LSAS	LSAS	LSAS	LSAS	USAS	USAS	USAS	USAS	USAS
Date Collected:		02/14/05	06/23/05	02/21/06	10/11/06	12/18/06	01/28/08	03/21/05	06/16/05	01/23/06	10/11/06	12/07/06	01/24/08	04/06/05	06/23/05	03/01/06	12/19/06	01/24/08
Semivolatile Organics																		
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)																		
1,4-Dioxane	ug/L	2.5 U	1.9 U	1.1 U	NA	NA	NA	2.2 U	2 U	1 U	NA	NA	NA	2.3 U	2 U	1 U	NA	NA
Volatile Organics (8260B) - SIM																		
1,4-Dioxane	ug/L	NA	NA	NA	R	0.95 J	NA	NA	NA	NA	R	R [R]	NA	NA	NA	NA	R	NA
Volatile Organics (8260) - SIM Isotope Dilution																		
1,4-Dioxane	ug/L	NA	NA	NA	2 UJ	0.76 U	1 U	NA	NA	NA	2 UJ	0.76 U [0.76 U]	1 U	NA	NA	NA	0.76 U	1 U
Volatile Organics (8260B)																		
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.18 U	0.5 U	0.52 U	0.6 U	0.6 U	0.52 U	0.52 U	0.5 U	0.52 U	0.6 U	0.6 U [0.6 U]	0.52 U	0.52 U	0.5 U	0.52 U	0.6 U	0.52 U
1,1-Dichloroethene	ug/L	0.36 U	0.5 U	0.45 U	0.83 U	0.83 U	0.45 U	0.45 U	0.5 U	0.45 U	0.83 U	0.83 U [0.83 U]	0.45 U	0.45 U	0.5 U	0.45 U	0.83 U	0.45 U
cis-1,2-Dichloroethene	ug/L	NA	0.5 U	0.65 U	0.75 U	0.75 U	0.65 U	0.65 U	0.5 U	0.65 U	0.75 U	0.75 U [0.75 U]	0.65 U	0.65 U	0.5 U	0.65 U	0.75 U	0.65 U
Tetrachloroethene	ug/L	0.18 U	0.5 U	0.34 U	0.65 U	0.65 U	0.5 UJ	0.34 U	0.5 U	0.34 U	0.65 U	0.65 U [0.65 U]	0.5 U	0.34 U	0.5 U	0.34 U	0.65 U	0.5 U
Trichloroethene	ug/L	0.11 U	0.5 U	0.28 U	0.71 U	0.71 U	0.5 UJ	0.28 U	0.5 U	0.28 U	0.71 U	0.71 U [0.71 U]	0.5 U	0.28 U	0.5 U	0.28 U	0.71 U	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID:		MW-108	MW-108	MW-108	MW-108	MW-108	MW-108	MW-109	MW-109	MW-109	MW-109	MW-109	MW-109	MW-109	MW-110	MW-110	MW-110	MW-110	MW-110	MW-110
Zone:		USAS	USAS	USAS	USAS	USAS	USAS	USAS	USAS	USAS	USAS	USAS	USAS	USAS	USAS	USAS	USAS	USAS	USAS	USAS
Date Collected:		03/21/05	06/15/05	01/20/06	03/20/06	12/15/06	01/29/08	03/21/05	06/15/05	01/31/06	03/24/06	10/10/06	12/18/06	01/28/08	03/21/05	06/14/05	02/20/06	03/24/06	12/18/06	01/28/08
Semivolatile Organics																				
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)																				
1,4-Dioxane	ug/L	9.4 J [4.5 J]	4 J [4.1 J]	1 U	2.7 I	NA	NA	12	7.2	2.8 I	9.1 I	NA	NA	NA	33	26.6	37	69	NA	NA
Volatile Organics (8260B) - SIM																				
1,4-Dioxane	ug/L	NA	NA	NA	NA	9.9 J	NA	NA	NA	NA	NA	R	8.5 J	NA	NA	NA	NA	NA	50 J	NA
Volatile Organics (8260) - SIM Isotope Dilution																				
1,4-Dioxane	ug/L	NA	NA	NA	NA	11	12	NA	NA	NA	NA	18 J	10	15	NA	NA	NA	NA	80	62
Volatile Organics (8260B)																				
1,4-Dioxane	ug/L	NA	NA	NA	NA	25 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.88 J [0.97 J]	1.4 [1.3]	1.4	1.3	2.2	1.3	0.83 J	1.2	1.2	1.1	1.2	1.1	0.77 I	10	19.3	24	19	19	15
1,1-Dichloroethene	ug/L	0.45 U [0.45 U]	0.5 U [0.5 U]	0.45 U	0.45 U	0.83 U	0.44 U	0.45 U	0.5 U	0.45 U	0.45 U	0.83 U	0.83 U	0.45 U	6.4	20.5	22	19	19	15
cis-1,2-Dichloroethene	ug/L	0.65 U [0.65 U]	0.5 U [0.5 U]	0.65 U	0.65 U	0.75 U	0.64 U	0.65 U	0.5 U	0.65 U	0.65 U	0.75 U	0.75 U	0.65 U	0.65 U	0.5 U	0.65 U	0.65 U	0.75 U	0.65 U
Tetrachloroethene	ug/L	0.34 U [0.34 U]	0.5 U [0.5 U]	0.34 U	0.34 U	0.65 U	0.5 UJ	0.34 U	0.5 U	0.34 U	0.34 U	0.65 U	0.65 U	0.5 U	0.34 U	0.5 U	0.34 U	0.34 U	0.65 U	0.5 U
Trichloroethene	ug/L	0.28 U [0.28 U]	0.5 U [0.5 U]	0.28 UJ	0.28 U	0.71 U	0.5 U	0.28 U	0.5 U	0.28 U	0.28 U	0.71 U	0.71 U	0.5 U	0.28 U	0.5 U	0.28 U	0.28 U	0.71 U	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID:		MW-111	MW-111	MW-111	MW-111	MW-112	MW-112	MW-112	MW-112	MW-112	MW-113	MW-113	MW-113	MW-113	MW-113
Zone:		USAS	USAS	USAS	USAS	Zone 1 Clay	Zone 1 Clay	Zone 1 Clay	Zone 1 Clay	Zone 1 Clay	LSAS	LSAS	LSAS	LSAS	LSAS
Date Collected:		03/21/05	06/16/05	01/19/06	01/28/08	03/22/05	06/28/05	01/21/06	12/07/06	01/24/08	03/21/05	06/16/05	01/19/06	12/11/06	01/28/08
Semivolatile Organics															
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)															
1,4-Dioxane	ug/L	2.2 U	2 U	1 U	NA	NA	2 U	1 U	NA	NA	2.2 U	2 U	1 U	NA	NA
Volatile Organics (8260B) - SIM															
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	R	NA	NA	NA	NA	R	NA
Volatile Organics (8260) - SIM Isotope Dilution															
1,4-Dioxane	ug/L	NA	NA	NA	1 U	NA	NA	NA	0.76 U	1 U	NA	NA	NA	0.76 U	1 U
Volatile Organics (8260B)															
1,4-Dioxane	ug/L	NA	NA	NA	NA	2.2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.52 U	0.5 U	0.52 U	0.52 U	0.52 U	0.5 U	0.52 U	0.6 U	0.52 U	0.52 U	0.5 U	0.52 U	0.6 U	0.52 U
1,1-Dichloroethene	ug/L	0.45 U	0.5 U	0.45 U	0.45 U	0.45 U	0.5 U	0.45 U	0.83 U	0.45 U	0.45 U	0.5 U	0.45 U	0.83 U	0.45 U
cis-1,2-Dichloroethene	ug/L	0.65 U	0.5 U	0.65 U	0.65 U	0.65 U	0.5 U	0.65 U	0.75 U	0.65 U	0.65 U	0.5 U	0.65 U	0.75 UJ	0.65 U
Tetrachloroethene	ug/L	0.34 U	0.5 U	0.34 U	0.5 UJ	0.34 U	0.5 U	0.34 U	0.65 U	0.5 U	0.34 U	0.5 U	0.34 U	0.65 U	0.5 UJ
Trichloroethene	ug/L	0.28 U	0.5 U	0.28 U	0.5 UJ	0.28 U	0.5 U	0.28 U	0.71 U	0.5 U	0.28 U	0.5 U	0.28 U	0.71 U	0.5 UJ

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-114 USAS 04/06/05	MW-114 USAS 06/21/05	MW-114 USAS 01/25/06	MW-114 USAS 10/19/06	MW-114 USAS 12/14/06	MW-114 USAS 01/24/08	MW-115 USAS 05/27/05	MW-115 USAS 06/15/05	MW-115 USAS 01/28/06	MW-115 USAS 12/08/06	MW-115 USAS 01/29/08
Semivolatile Organics												
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)												
1,4-Dioxane	ug/L	2.3 U	2.1 U [2 U]	1 U	NA	NA	NA	1 U	2 U	1 U	NA	NA
Volatile Organics (8260B) - SIM												
1,4-Dioxane	ug/L	NA	NA	NA	R	R	NA	NA	NA	NA	R [R]	NA
Volatile Organics (8260) - SIM Isotope Dilution												
1,4-Dioxane	ug/L	NA	NA	NA	2 UJ	0.76 U	1.1	NA	NA	NA	0.76 U [0.76 U]	1 U
Volatile Organics (8260B)												
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.52 U	0.5 U [0.5 U]	0.52 U	0.6 U	0.6 U	0.52 U	0.52 U	0.5 U	0.52 U	0.6 U [0.6 U]	0.52 U
1,1-Dichloroethene	ug/L	0.45 U	0.5 U [0.5 U]	0.45 U	0.83 U	0.83 U	0.45 U	0.45 U	0.5 U	0.45 U	0.83 U [0.83 U]	0.44 U
cis-1,2-Dichloroethene	ug/L	0.65 U	0.5 U [0.5 U]	0.65 U	0.75 U	0.75 UJ	0.65 U	0.65 U	0.5 U	0.65 U	0.75 U [0.75 U]	0.64 U
Tetrachloroethene	ug/L	0.34 U	0.5 U [0.5 U]	0.34 U	0.65 U	0.65 U	0.5 U	0.34 U	0.5 U	0.34 U	0.65 U [0.65 U]	0.5 U
Trichloroethene	ug/L	0.28 U	0.5 U [0.5 U]	0.28 U	0.71 U	0.71 UJ	0.5 U	0.28 U	0.8 J	0.28 U	0.71 U [0.71 U]	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID:		MW-116	MW-116	MW-116	MW-116	MW-116	MW-117	MW-117	MW-117	MW-117	MW-117
Zone:		USAS	USAS	USAS	USAS	USAS	LSAS	LSAS	LSAS	LSAS	LSAS
Date Collected:		05/27/05	06/15/05	01/27/06	12/14/06	01/25/08	05/26/05	06/30/05	04/03/06	12/27/06	01/25/08
Semivolatile Organics											
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)											
1,4-Dioxane	ug/L	1 U	1.9 U	1 U	NA	NA	1 U	2 U	1 U	NA	NA
Volatile Organics (8260B) - SIM											
1,4-Dioxane	ug/L	NA	NA	NA	R	NA	NA	NA	NA	R	NA
Volatile Organics (8260) - SIM Isotope Dilution											
1,4-Dioxane	ug/L	NA	NA	NA	0.76 U	1 U	NA	NA	NA	0.76 U	1 U
Volatile Organics (8260B)											
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.52 U	0.5 U	0.52 U	0.6 U	0.52 U	0.52 U	0.5 U	0.52 U	0.6 U	0.52 U
1,1-Dichloroethene	ug/L	0.45 U	0.5 U	0.45 U	0.83 U	0.45 U	0.45 U	0.5 U	0.45 U	0.83 U	0.45 U
cis-1,2-Dichloroethene	ug/L	0.65 U	0.5 U	0.65 U	0.75 UJ	0.65 U	0.65 U	0.5 U	0.65 U	0.75 U	0.65 U
Tetrachloroethene	ug/L	0.34 U	0.5 U	0.34 U	0.65 U	0.5 U	0.34 U	0.5 U	0.34 U	0.65 U	0.5 U
Trichloroethene	ug/L	0.28 U	0.5 U	0.28 U	0.71 UJ	0.5 U	0.28 U	0.5 U	0.28 U	0.71 U	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-118 USAS 05/26/05	MW-118 USAS 06/30/05	MW-118 USAS 03/31/06	MW-118 USAS 12/27/06	MW-118 USAS 01/25/08	MW-119 LSAS 05/26/05	MW-119 LSAS 06/30/05	MW-119 LSAS 03/31/06	MW-119 LSAS 04/22/06	MW-119 LSAS 12/27/06	MW-119 LSAS 01/25/08	MW-120 USAS 05/26/05	MW-120 USAS 06/30/05	MW-120 USAS 03/31/06	MW-120 USAS 12/27/06	MW-120 USAS 01/25/08
Semivolatile Organics																	
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)																	
1,4-Dioxane	ug/L	1 U	2 U	1 U	NA	NA	1 U	2 U	63	1.1 U [1.1 U]	NA	NA	1.5 J	2 U	1 U	NA	NA
Volatile Organics (8260B) - SIM																	
1,4-Dioxane	ug/L	NA	NA	NA	R	NA	NA	NA	NA	NA	R [R]	NA	NA	NA	NA	R	NA
Volatile Organics (8260) - SIM Isotope Dilution																	
1,4-Dioxane	ug/L	NA	NA	NA	0.76 U	2.3	NA	NA	NA	NA	0.76 U [0.76 U]	1 U	NA	NA	NA	0.76 U	1 U
Volatile Organics (8260B)																	
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.52 U	0.5 U	0.52 U	0.6 U	0.52 U	0.52 U	0.5 U	0.52 U	NA	0.6 U [0.6 U]	0.52 U	0.52 U	0.5 U	0.52 U	0.6 U	0.52 U
1,1-Dichloroethene	ug/L	0.45 U	0.5 U	0.45 U	0.83 U	0.45 U	0.45 U	0.5 U	0.45 U	NA	0.83 U [0.83 U]	0.45 U	0.45 U	0.5 U	0.45 U	0.83 U	0.45 U
cis-1,2-Dichloroethene	ug/L	0.65 U	0.5 U	0.65 U	0.75 U	0.65 U	0.65 U	0.5 U	0.65 U	NA	0.75 U [0.75 U]	0.65 U	0.65 U	0.5 U	0.65 U	0.75 U	0.65 U
Tetrachloroethene	ug/L	0.34 U	0.5 U	0.34 U	0.65 U	0.5 U	0.34 U	0.5 U	0.34 U	NA	0.65 U [0.65 U]	0.5 U	0.34 U	0.5 U	0.34 U	0.65 U	0.5 U
Trichloroethene	ug/L	0.28 U	0.5 U	0.28 U	0.71 U	0.5 U	0.28 U	0.5 U	0.28 U	NA	0.71 U [0.71 U]	0.5 U	0.28 U	0.5 U	0.28 U	0.71 U	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: Zone: Date Collected:		MW-121 USAS 05/27/05	MW-121 USAS 06/15/05	MW-121 USAS 02/18/06	MW-121 USAS 03/21/06	MW-121 USAS 12/11/06	MW-121 USAS 01/23/08	MW-122 USAS 05/27/05	MW-122 USAS 06/15/05	MW-122 USAS 01/23/06	MW-122 USAS 03/21/06	MW-122 USAS 12/18/06	MW-122 USAS 01/25/08
Semivolatile Organics													
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)													
1,4-Dioxane	ug/L	1 U	2 U [1.9 U]	1 U [1.1 U]	1 U	NA	NA	1.1 U [1 U]	2 U	1 U	1 U	NA	NA
Volatile Organics (8260B) - SIM													
1,4-Dioxane	ug/L	NA	NA	NA	NA	R	NA	NA	NA	NA	NA	R	NA
Volatile Organics (8260) - SIM Isotope Dilution													
1,4-Dioxane	ug/L	NA	NA	NA	NA	0.76 U	1 U	NA	NA	NA	NA	0.76 U	1 U
Volatile Organics (8260B)													
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.52 U	0.5 U [0.5 U]	0.52 U [0.52 U]	0.52 U	0.6 U	0.52 U	0.52 U [0.52 U]	0.5 U	0.52 U	0.52 U	0.6 U	0.52 U
1,1-Dichloroethene	ug/L	0.45 U	0.5 U [0.5 U]	0.45 U [0.45 U]	0.45 U	0.83 U	0.45 U	0.45 U [0.45 U]	0.5 U	0.45 U	0.45 U	0.83 U	0.45 U
cis-1,2-Dichloroethene	ug/L	0.65 U	0.5 U [0.5 U]	0.65 U [0.65 U]	0.65 U	0.75 UJ	0.65 U	0.65 U [0.65 U]	0.5 U	0.65 U	0.65 U	0.75 U	0.65 U
Tetrachloroethene	ug/L	0.34 U	0.5 U [0.5 U]	0.34 U [0.34 U]	0.34 U	0.65 U	0.5 U	0.34 U [0.34 U]	0.5 U	0.34 U	0.34 U	0.65 U	0.5 U
Trichloroethene	ug/L	0.28 U	0.5 U [0.5 U]	0.28 U [0.28 U]	0.28 U	0.71 U	0.5 U	0.28 U [0.28 U]	0.5 U	0.28 U	0.28 U	0.71 U	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: Zone: Date Collected:		MW-123 Floridan 06/28/05	MW-123 Floridan 07/21/05	MW-123 Floridan 02/20/06	MW-123 Floridan 03/03/06	MW-123 Floridan 03/08/06	MW-123 Floridan 03/10/06	MW-123 Floridan 03/14/06	MW-123 Floridan 03/16/06	MW-123 Floridan 03/21/06	MW-123 Floridan 12/19/06	MW-123 Floridan 02/01/08
Semivolatile Organics												
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)												
1,4-Dioxane	ug/L	2 U	1.9 U	1 U	1 U	1 U	29 I	1 U	1 U	1 U	NA	NA
Volatile Organics (8260B) - SIM												
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	R	NA
Volatile Organics (8260) - SIM Isotope Dilution												
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.76 U	1 U
Volatile Organics (8260B)												
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.5 U	3	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.6 U	0.52 U
1,1-Dichloroethene	ug/L	0.52 J	7	1.7	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	1.4	0.45 U
cis-1,2-Dichloroethene	ug/L	0.5 U	0.5 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.75 U	0.65 U
Tetrachloroethene	ug/L	0.5 U	0.5 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.65 U	0.5 U
Trichloroethene	ug/L	0.5 U	0.51 J	8.2	0.43 I	0.28 U	1.6	0.28 U	0.28 U	0.28 U	2.2	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: Zone: Date Collected:		MW-124 Zone 2 Clay 02/15/06	MW-124 Zone 2 Clay 12/07/06	MW-124 Zone 2 Clay 01/24/08	MW-124 Zone 2 Clay 07/22/05	MW-125 Venice Clay 01/28/06	MW-125 Venice Clay 12/08/06	MW-125 Venice Clay 01/29/08	MW-125 Venice Clay 07/25/05
Semivolatile Organics									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)									
1,4-Dioxane	ug/L	1 U	NA	NA	2 U	1 U	NA	NA	2.1 U
Volatile Organics (8260B) - SIM									
1,4-Dioxane	ug/L	NA	R	NA	NA	NA	R	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution									
1,4-Dioxane	ug/L	NA	0.76 U	2.3	NA	NA	0.76 U	1 U	NA
Volatile Organics (8260B)									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.52 U	0.6 U	0.52 U	0.5 U	0.52 U	0.6 U	0.52 U	0.5 U
1,1-Dichloroethene	ug/L	0.45 U	0.83 U	0.45 U	0.5 U	0.45 UJ	0.83 U	0.44 U	0.5 U
cis-1,2-Dichloroethene	ug/L	0.65 U	0.75 U	0.65 U	0.5 U	0.65 U	0.75 U	0.64 U	0.5 U
Tetrachloroethene	ug/L	0.34 UJ	0.65 U	0.5 U	0.5 U	0.34 U	0.65 U	0.5 U	0.5 U
Trichloroethene	ug/L	0.28 U	0.71 U	0.5 U	0.5 U	0.28 U	0.71 U	0.5 U	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: Zone: Date Collected:		MW-126 USAS 01/21/06	MW-126 USAS 10/11/06	MW-126 USAS 12/07/06	MW-126 USAS 01/24/08	MW-126 USAS 07/22/05	MW-127 AF Gravel 10/08/05	MW-127 AF Gravel 01/24/06	MW-127 AF Gravel 10/11/06	MW-127 AF Gravel 12/05/06	MW-127 AF Gravel 01/17/07	MW-127 AF Gravel 04/25/07	MW-127 AF Gravel 07/11/07	MW-127 AF Gravel 09/10/07	MW-127 AF Gravel 01/31/08
Semivolatile Organics															
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)															
1,4-Dioxane	ug/L	1 U	NA	NA	NA	2 U	73.6 [59.8]	150	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260B) - SIM															
1,4-Dioxane	ug/L	NA	R	R	NA	NA	NA	NA	110 J	330 J	NA	NA	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution															
1,4-Dioxane	ug/L	NA	2 UJ	0.76 U	1 U	NA	NA	NA	200 J	270	270	450	290	310	300 DJ
Volatile Organics (8260B)															
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.52 U	0.6 U	0.6 U	0.52 U	0.5 U	52.2 J [51.4]	59	36 ID	44 I	29 J	40	38	29	34
1,1-Dichloroethene	ug/L	0.45 U	0.83 U	0.83 U	0.45 U	0.5 U	275 J [177 J]	550	250 D	340	160	220	570	240	270 DJ
cis-1,2-Dichloroethene	ug/L	0.65 U	0.75 U	0.75 U	0.65 U	0.5 U	195 J [125 J]	140	100 D	38 UJ	140 J	130	140	94	100
Tetrachloroethene	ug/L	0.34 U	0.65 U	0.65 U	0.5 U	0.5 U	50 U [9]	6	32 UD	32 U	16 U	16 U	16 U	16 U	3.3
Trichloroethene	ug/L	0.28 U	0.71 U	0.71 U	0.5 U	0.5 U	5,800 J [3,440 J]	5,500	3,800 D	3,600	2,400	2,800	3,600	2,800	3,300 DJ

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: Zone: Date Collected:		MW-128 S&P Sand 10/08/05	MW-128 S&P Sand 01/24/06	MW-128 S&P Sand 10/11/06	MW-128 S&P Sand 12/05/06	MW-128 S&P Sand 01/17/07	MW-128 S&P Sand 04/25/07	MW-128 S&P Sand 07/11/07	MW-128 S&P Sand 09/10/07	MW-128 S&P Sand 01/31/08
Semivolatile Organics										
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)										
1,4-Dioxane	ug/L	2.1 U	1 U	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260B) - SIM										
1,4-Dioxane	ug/L	NA	NA	R	2.2 J	NA	NA	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution										
1,4-Dioxane	ug/L	NA	NA	2 UJ	1.4 I	1.4 I	5	4.8	2.7 J	7.2 [7.6]
Volatile Organics (8260B)										
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	1.7	2	0.83 I	0.74 I	0.6 UJ	0.6 U	0.6 U	0.6 U	2.3 [2.6]
1,1-Dichloroethene	ug/L	1.9	1	0.83 U	1.3	0.83 U	0.83 U	0.83 U	0.83 U	3.6 [4]
cis-1,2-Dichloroethene	ug/L	1.2	0.98 I	2	0.91 I	1.4 J	1.6	1.5	1.1	2.5 [2.5]
Tetrachloroethene	ug/L	0.56 J	0.47 I	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.5 U [0.5 U]
Trichloroethene	ug/L	32.8	16	12	18	14	14	16	17	34 [35]

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: Zone: Date Collected:		MW-129 AF Gravel 10/10/05	MW-129 AF Gravel 01/23/06	MW-129 AF Gravel 10/10/06	MW-129 AF Gravel 12/06/06	MW-129 AF Gravel 01/30/08	MW-130 AF Gravel 10/07/05	MW-130 AF Gravel 03/14/06	MW-130 AF Gravel 10/09/06	MW-130 AF Gravel 12/06/06	MW-130 AF Gravel 01/30/08
Semivolatile Organics											
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)											
1,4-Dioxane	ug/L	2 U	1 U	NA	NA	NA	11.6	37	NA	NA	NA
Volatile Organics (8260B) - SIM											
1,4-Dioxane	ug/L	NA	NA	R [R]	2.3 J	NA	NA	NA	31 J	44 J	NA
Volatile Organics (8260) - SIM Isotope Dilution											
1,4-Dioxane	ug/L	NA	NA	4 J [4.3 J]	2 I	4.2	NA	NA	110 DJ	70	92
Volatile Organics (8260B)											
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.5 U	0.52 U	0.6 U [0.6 U]	0.6 U	0.52 U	5.7	11	15	12	10
1,1-Dichloroethene	ug/L	0.5 U	0.45 U	0.83 U [0.83 U]	0.83 U	0.45 U	9.1	27	39	38	28
cis-1,2-Dichloroethene	ug/L	0.5 U	0.65 U	0.75 U [0.75 U]	0.75 U	0.65 U	0.53 J	1.1	1.5	0.75 U	1.1
Tetrachloroethene	ug/L	0.5 U	0.34 U	0.65 U [0.65 U]	0.65 U	0.5 U	0.5 U	0.34 U	0.65 U	0.65 U	0.5 U
Trichloroethene	ug/L	1.5	0.28 U	0.71 U [0.71 U]	0.71 U	0.5 U	1.7	3.8	5.6	4.9	3.7

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-131 AF Gravel 10/06/05	MW-131 AF Gravel 01/23/06	MW-131 AF Gravel 06/26/06	MW-131 AF Gravel 10/12/06	MW-131 AF Gravel 12/11/06	MW-131 AF Gravel 01/31/08	MW-132 AF Gravel 10/07/05	MW-132 AF Gravel 01/19/06	MW-132 AF Gravel 03/22/06	MW-132 AF Gravel 10/11/06	MW-132 AF Gravel 12/13/06	MW-132 AF Gravel 01/23/08
Semivolatile Organics													
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)													
1,4-Dioxane	ug/L	2.4 J	1 U	21	NA	NA	NA	2.1 U	1 U	1.1 U	NA	NA	NA
Volatile Organics (8260B) - SIM													
1,4-Dioxane	ug/L	NA	NA	NA	R	R	NA	NA	NA	NA	R	1.3 J	NA
Volatile Organics (8260) - SIM Isotope Dilution													
1,4-Dioxane	ug/L	NA	NA	NA	3 J	0.76 U	2.9	NA	NA	NA	2 UJ	0.76 U	2.8 [2.1]
Volatile Organics (8260B)													
1,4-Dioxane	ug/L	NA	NA	NA	R	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.5 U	0.52 U	0.98 I	0.6 U	0.6 U	0.52 U	0.5 U	0.52 U	0.52 U	0.6 U	0.6 U	0.52 U [0.52 U]
1,1-Dichloroethene	ug/L	0.61 J	0.81 I	1.7	0.83 U	0.83 U	0.45 U	0.5 U	0.45 U	0.45 U	0.83 U	0.83 U	2.6 [0.9 I]
cis-1,2-Dichloroethene	ug/L	3.3	3.4	6.5	1.1	0.75 UJ	0.65 U	0.5 U	0.65 U	0.65 U	0.75 U	0.75 UJ	0.65 U [0.65 U]
Tetrachloroethene	ug/L	0.5 U	0.34 U	0.5 U	0.65 U	0.65 U	0.5 U	0.5 U	0.34 U	0.34 U	0.65 U	0.65 U	0.5 U [0.5 U]
Trichloroethene	ug/L	13.9	18	29	4.6	0.71 UJ	3.2 U	0.5 U	0.28 U	0.28 U	0.71 U	0.71 UJ	3.7 [1.7]

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-133 AF Gravel 10/06/05	MW-133 AF Gravel 01/30/06	MW-133 AF Gravel 03/19/06	MW-133 AF Gravel 10/10/06	MW-133 AF Gravel 12/18/06	MW-133 AF Gravel 01/28/08	MW-134 AF Gravel 10/07/05	MW-134 AF Gravel 01/24/06	MW-134 AF Gravel 03/23/06	MW-134 AF Gravel 10/05/06	MW-134 AF Gravel 12/05/06	MW-134 AF Gravel 02/01/08
Semivolatile Organics													
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)													
1,4-Dioxane	ug/L	2 U	1 U	1 U	NA	NA	NA	2.1 U	1 U	1 U	NA	NA	NA
Volatile Organics (8260B) - SIM													
1,4-Dioxane	ug/L	NA	NA	NA	25 J	1.5 J	NA	NA	NA	NA	R	2.3 J	NA
Volatile Organics (8260) - SIM Isotope Dilution													
1,4-Dioxane	ug/L	NA	NA	NA	2 UJ	0.76 U	1 U [1 U]	NA	NA	NA	4.1 J	0.93 I	28
Volatile Organics (8260B)													
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.5 U	0.52 U	0.52 U	0.6 U	0.6 U	0.52 U [0.52 U]	0.5 U	0.52 U	0.52 U	1.4	0.6 U	5.4
1,1-Dichloroethene	ug/L	0.5 U	0.45 U	0.45 U	0.83 U	0.83 U	0.45 U [0.45 U]	0.5 U	0.45 U	0.45 U	1.3 J	2.7	23
cis-1,2-Dichloroethene	ug/L	0.5 U	0.65 U	0.65 U	0.75 U	0.75 U	0.65 U [0.65 U]	0.5 U	0.65 U	0.65 U	0.75 U	0.75 U	5.9
Tetrachloroethene	ug/L	0.5 U	0.34 U	0.34 U	0.65 U	0.65 U	0.5 UJ [0.5 U]	0.5 U	0.34 U	0.34 U	0.65 U	0.65 U	0.5 U
Trichloroethene	ug/L	0.5 U	0.28 U	0.28 U	0.71 U	0.71 U	0.5 UJ [0.5 U]	2.6 U	0.45 I	1	10	6.6	190 D

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: Zone: Date Collected:		MW-135 AF Gravel 10/06/05	MW-135 AF Gravel 01/26/06	MW-135 AF Gravel 02/28/06	MW-135 AF Gravel 03/22/06	MW-135 AF Gravel 04/06/06	MW-135 AF Gravel 10/12/06	MW-135 AF Gravel 12/13/06	MW-135 AF Gravel 12/15/06	MW-135 AF Gravel 01/28/08	MW-136 AF Gravel 01/26/06	MW-136 AF Gravel 01/29/08
Semivolatile Organics												
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)												
1,4-Dioxane	ug/L	7.3	11	11	24	20	NA	NA	NA	NA	1 U	NA
Volatile Organics (8260B) - SIM												
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	41 J	29 J	R	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution												
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	35 J	34	0.76 U	29 [33]	NA	1 U
Volatile Organics (8260B)												
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.86 J	1.1	NA	1.1	1.2	0.88 I	0.91 I	0.6 U	0.72 I [0.98 I]	0.52 U	0.52 U
1,1-Dichloroethene	ug/L	1.1	1.8	NA	2	1.5	1.8	2.2	0.83 U	1.2 [2.1]	0.45 U	0.44 U
cis-1,2-Dichloroethene	ug/L	38.2	55	NA	67	71	92	130	0.75 UJ	63 [93]	0.65 U	0.64 U
Tetrachloroethene	ug/L	0.5 U	0.34 U	NA	0.34 U	0.34 U	0.65 U	0.65 U	0.65 U	0.5 U [0.5 U]	0.34 U	0.5 U
Trichloroethene	ug/L	95.2	130	NA	140	110	150	43	0.71 UJ	80 [120]	0.28 U	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-137 USAS 01/26/06	MW-137 USAS 12/11/06	MW-137 USAS 01/29/08	MW-138 LSAS 01/26/06	MW-138 LSAS 12/11/06	MW-138 LSAS 01/29/08	MW-139 S&P Sand 01/26/06	MW-139 S&P Sand 12/15/06	MW-139 S&P Sand 01/29/08	MW-140 Lower AF 01/26/06	MW-140 Lower AF 12/11/06	MW-140 Lower AF 01/29/08
Semivolatile Organics													
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)													
1,4-Dioxane	ug/L	1 U	NA	NA	1 U	NA	NA	1 U	NA	NA	1 U	NA	NA
Volatile Organics (8260B) - SIM													
1,4-Dioxane	ug/L	NA	R	NA	NA	R	NA	NA	R [R]	NA	NA	R	NA
Volatile Organics (8260) - SIM Isotope Dilution													
1,4-Dioxane	ug/L	NA	0.76 U	1 U	NA	0.76 U	1 U	NA	0.76 U [0.76 U	1 U	NA	0.76 U	1 U
Volatile Organics (8260B)													
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.52 U	0.6 U	0.52 U	0.52 U	0.6 U	0.52 U	0.52 U	0.6 U [0.6 U]	0.52 U	0.52 U	0.6 U	0.52 U
1,1-Dichloroethene	ug/L	0.45 U	0.83 U	0.44 U	0.45 U	0.83 U	0.44 U	0.45 U	0.83 U [0.83 U	0.44 U	0.45 U	0.83 U	0.44 U
cis-1,2-Dichloroethene	ug/L	0.65 U	0.75 UJ	0.64 U	0.65 U	0.75 UJ	0.64 U	0.65 U	0.75 U [0.75 U	0.64 U	0.65 U	0.75 UJ	0.64 U
Tetrachloroethene	ug/L	0.34 U	0.65 U	0.5 U	0.34 U	0.65 U	0.5 U	0.34 U	0.65 U [0.65 U	0.5 U	0.34 U	0.65 U	0.5 U
Trichloroethene	ug/L	0.28 U	0.71 UJ	0.5 U	0.28 U	0.71 UJ	0.5 U	0.28 U	0.71 U [0.71 U	0.5 U	0.28 U	0.71 UJ	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-141 USAS 01/26/06	MW-141 USAS 12/11/06	MW-141 USAS 01/29/08	MW-142 LSAS 01/26/06	MW-142 LSAS 12/11/06	MW-142 LSAS 01/29/08	MW-143 AF Gravel 01/26/06	MW-143 AF Gravel 03/24/06	MW-143 AF Gravel 10/19/06	MW-143 AF Gravel 12/11/06	MW-143 AF Gravel 01/29/08
Semivolatile Organics												
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)												
1,4-Dioxane	ug/L	1 U	NA	NA	1 U	NA	NA	1 U	1 U	NA	NA	NA
Volatile Organics (8260B) - SIM												
1,4-Dioxane	ug/L	NA	R	NA	NA	R	NA	NA	NA	R [R]	R	NA
Volatile Organics (8260) - SIM Isotope Dilution												
1,4-Dioxane	ug/L	NA	0.76 U	1 U	NA	0.76 U	1 U	NA	NA	2 UJ [2 UJ]	0.76 U	1 U
Volatile Organics (8260B)												
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.52 U	0.6 U	0.52 U	0.52 U	0.6 U	0.52 U	0.52 U	0.52 U	0.6 U [0.6 U]	0.6 U	0.52 U
1,1-Dichloroethene	ug/L	0.45 U	0.83 U	0.44 U	0.45 U	0.83 U	0.44 U	0.45 U	0.45 U	0.83 U [0.83 U	0.83 U	0.44 U
cis-1,2-Dichloroethene	ug/L	0.65 U	0.75 UJ	0.64 U	0.65 U	0.75 UJ	0.64 U	0.65 U	0.65 U	0.75 U [0.75 U	0.75 UJ	0.64 U
Tetrachloroethene	ug/L	0.34 U	0.65 U	0.5 U	0.34 U	0.65 U	0.5 U	0.34 U	0.34 U	0.65 U [0.65 U	0.65 U	0.5 U
Trichloroethene	ug/L	0.28 U	0.71 U	0.5 U	0.28 U	0.71 UJ	0.5 U	0.28 U	0.28 U	0.71 U [0.71 U	0.71 U	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-144 S&P Sand 01/26/06	MW-144 S&P Sand 03/24/06	MW-144 S&P Sand 10/13/06	MW-144 S&P Sand 12/11/06	MW-144 S&P Sand 01/29/08	MW-145 Lower AF 01/26/06	MW-145 Lower AF 03/22/06	MW-145 Lower AF 12/15/06	MW-145 Lower AF 01/29/08	MW-146 USAS 02/02/06	MW-146 USAS 12/11/06	MW-146 USAS 01/29/08
Semivolatile Organics													
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)													
1,4-Dioxane	ug/L	1 U	1 U	NA	NA	NA	1 U	3.2 I	NA	NA	1 U	NA	NA
Volatile Organics (8260B) - SIM													
1,4-Dioxane	ug/L	NA	NA	R	R	NA	NA	NA	R	NA	NA	R	NA
Volatile Organics (8260) - SIM Isotope Dilution													
1,4-Dioxane	ug/L	NA	NA	2 UJ	0.76 U	1 U	NA	NA	0.76 U	1 U	NA	0.76 U	1 U
Volatile Organics (8260B)													
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.52 U	0.52 U	0.6 U	0.6 U	0.52 U	0.52 U	0.52 U	0.6 U	0.52 U	0.52 U	0.6 U	0.52 U
1,1-Dichloroethene	ug/L	0.45 U	0.45 U	0.83 U	0.83 U	0.44 U	0.45 U	0.45 U	0.83 U	0.44 U	0.45 U	0.83 U	0.44 U
cis-1,2-Dichloroethene	ug/L	0.65 U	0.65 U	0.75 U	0.75 UJ	0.64 U	0.65 U	0.65 U	0.75 U	0.64 U	0.65 U	0.75 UJ	0.64 U
Tetrachloroethene	ug/L	0.34 U	0.34 U	0.65 U	0.65 U	0.5 U	0.34 U	0.34 U	0.65 U	0.5 U	0.34 U	0.65 U	0.5 U
Trichloroethene	ug/L	0.28 U	0.28 U	0.71 U	0.71 U	0.5 U	0.28 U	0.28 U	0.71 U	0.5 U	0.28 U	0.71 U	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: Zone: Date Collected:		MW-147 LSAS 02/02/06	MW-147 LSAS 12/11/06	MW-147 LSAS 01/29/08	MW-148 AF Gravel 02/02/06	MW-148 AF Gravel 10/19/06	MW-148 AF Gravel 12/15/06	MW-148 AF Gravel 01/29/08	MW-149 S&P Sand 02/02/06	MW-149 S&P Sand 12/11/06	MW-149 S&P Sand 01/30/08
Semivolatile Organics											
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)											
1,4-Dioxane	ug/L	1 U	NA	NA	1 U	NA	NA	NA	1 U	NA	NA
Volatile Organics (8260B) - SIM											
1,4-Dioxane	ug/L	NA	R	NA	NA	R	R	NA	NA	R [R]	NA
Volatile Organics (8260) - SIM Isotope Dilution											
1,4-Dioxane	ug/L	NA	0.76 U	1 U	NA	2 UJ	0.76 U	1 U	NA	0.76 U [0.76 U]	1 U
Volatile Organics (8260B)											
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.52 U	0.6 U	0.52 U	0.52 U	0.6 UJ	0.6 U	0.52 U	0.52 UJ	0.6 U [0.6 U]	0.52 U
1,1-Dichloroethene	ug/L	0.45 U	0.83 U	0.44 U	0.45 U	0.83 UJ	0.83 U	0.44 U	0.45 UJ	0.83 U [0.83 U]	0.45 U
cis-1,2-Dichloroethene	ug/L	0.65 U	0.75 UJ	0.64 U	0.65 U	0.75 UJ	0.75 U	0.64 U	0.65 UJ	0.75 UJ [0.75 UJ]	0.65 U
Tetrachloroethene	ug/L	0.34 U	0.65 U	0.5 UJ	0.34 U	0.65 UJ	0.65 U	0.5 UJ	0.34 UJ	0.65 U [0.65 U]	0.5 U
Trichloroethene	ug/L	0.28 U	0.71 UJ	0.5 U	0.28 U	0.71 UJ	0.71 U	0.5 U	0.28 UJ	0.71 UJ [0.71 UJ]	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: Zone: Date Collected:		MW-150 Lower AF 02/02/06	MW-150 Lower AF 03/01/06	MW-150 Lower AF 04/04/06	MW-150 Lower AF 12/11/06	MW-150 Lower AF 01/29/08	MW-151 USAS 01/27/06	MW-151 USAS 02/16/06	MW-151 USAS 10/09/06	MW-151 USAS 12/11/06	MW-151 USAS 01/23/08
Semivolatile Organics											
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)											
1,4-Dioxane	ug/L	1 U	1 UJ	1 UJ	NA	NA	1 U	3.3 IJ	NA	NA	NA
Volatile Organics (8260B) - SIM											
1,4-Dioxane	ug/L	NA	NA	NA	R	NA	NA	NA	R	2.3 J	NA
Volatile Organics (8260) - SIM Isotope Dilution											
1,4-Dioxane	ug/L	NA	NA	NA	0.76 U	1 U	NA	NA	2 J	0.9 I	2.8
Volatile Organics (8260B)											
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.52 U	NA	0.52 U	0.6 U	0.52 U	0.52 U	0.52 U	0.6 U	0.6 U	0.52 U
1,1-Dichloroethene	ug/L	0.45 U	NA	0.45 U	0.83 U	0.44 U	0.45 U	0.45 U	0.83 U	0.83 U	0.45 U
cis-1,2-Dichloroethene	ug/L	0.65 U	NA	0.65 U	0.75 UJ	0.64 U	0.65 U	0.65 U	0.75 U	0.75 UJ	0.65 U
Tetrachloroethene	ug/L	0.34 U	NA	0.34 U	0.65 U	0.5 UJ	0.34 U	0.34 UJ	0.65 U	0.65 U	0.5 U
Trichloroethene	ug/L	0.28 U	NA	0.28 U	0.71 UJ	0.5 U	0.28 U	0.28 U	0.71 U	0.71 U	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-152 LSAS 01/27/06	MW-152 LSAS 02/16/06	MW-152 LSAS 03/23/06	MW-152 LSAS 10/09/06	MW-152 LSAS 12/11/06	MW-152 LSAS 01/23/08	MW-153 AF Gravel 01/27/06	MW-153 AF Gravel 02/16/06	MW-153 AF Gravel 12/11/06	MW-153 AF Gravel 01/24/08
Semivolatile Organics											
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)											
1,4-Dioxane	ug/L	1 U	21 J	1 U	NA	NA	NA	1 U	R	NA	NA
Volatile Organics (8260B) - SIM											
1,4-Dioxane	ug/L	NA	NA	NA	R	R	NA	NA	NA	R	NA
Volatile Organics (8260) - SIM Isotope Dilution											
1,4-Dioxane	ug/L	NA	NA	NA	2 UJ	0.76 U	1 U	NA	NA	0.76 U	1 U [1 U]
Volatile Organics (8260B)											
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.52 U	0.52 U	0.52 U	0.6 U	0.6 U	0.52 U	0.52 U	0.52 U	0.6 U	0.52 U [0.52 U]
1,1-Dichloroethene	ug/L	0.45 U	0.45 U	0.45 U	0.83 U	0.83 U	0.45 U	0.45 U	0.45 U	0.83 U	0.45 U [0.45 U]
cis-1,2-Dichloroethene	ug/L	0.65 U	0.65 U	0.65 U	0.75 U	0.75 UJ	0.65 U	0.65 U	0.65 U	0.75 UJ	0.65 U [0.65 U]
Tetrachloroethene	ug/L	0.34 U	0.34 UJ	0.34 U	0.65 U	0.65 U	0.5 U	0.34 U	0.34 UJ	0.65 U	0.5 U [0.5 U]
Trichloroethene	ug/L	0.28 U	0.28 U	0.28 U	2.4	0.71 U	0.5 U	0.28 U	0.28 U	0.71 U	0.5 U [0.5 U]

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID:		MW-154	MW-154	MW-154	MW-154	MW-155	MW-155	MW-155	MW-155	MW-156	MW-156	MW-156	MW-157	MW-157	MW-157
Zone:		S&P Sand	S&P Sand	S&P Sand	S&P Sand	Lower AF	Lower AF	Lower AF	Lower AF	USAS	USAS	USAS	LSAS	LSAS	LSAS
Date Collected:		01/27/06	02/16/06	12/15/06	01/23/08	01/27/06	02/16/06	12/19/06	01/24/08	02/01/06	12/14/06	01/24/08	02/01/06	12/14/06	01/24/08
Semivolatile Organics															
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)															
1,4-Dioxane	ug/L	1 U	R	NA	NA	1 U	R	NA	NA	1 U	NA	NA	1 U	NA	NA
Volatile Organics (8260B) - SIM															
1,4-Dioxane	ug/L	NA	NA	R [R]	NA	NA	NA	R [R]	NA	NA	R	NA	NA	R	NA
Volatile Organics (8260) - SIM Isotope Dilution															
1,4-Dioxane	ug/L	NA	NA	0.76 U [0.76 U]	1 U	NA	NA	0.76 U [0.76 U]	1 U	NA	0.76 U	1 U	NA	0.76 U	1 U
Volatile Organics (8260B)															
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.52 U	0.52 U	0.6 U [0.6 U]	0.52 U	0.52 U	0.52 U	0.6 U [0.6 U]	0.52 U	0.52 U	0.6 U	0.52 U	0.52 U	0.6 U	0.52 U
1,1-Dichloroethene	ug/L	0.45 U	0.45 U	0.83 U [0.83 U]	0.45 U	0.45 U	0.45 U	0.83 U [0.83 U]	0.45 U	0.45 U	0.83 U	0.45 U	0.45 U	0.83 U	0.45 U
cis-1,2-Dichloroethene	ug/L	0.65 U	0.65 U	0.75 U [0.75 U]	0.65 U	0.65 U	0.65 U	0.75 UJ [0.75 UJ]	0.65 U	0.65 U	0.75 UJ	0.65 U	0.65 U	0.75 UJ	0.65 U
Tetrachloroethene	ug/L	0.34 U	0.34 UJ	0.65 U [0.65 U]	0.5 U	0.34 U	0.34 UJ	0.65 U [0.65 U]	0.5 U	0.34 U	0.65 U	0.5 U	0.34 U	0.65 U	0.5 U
Trichloroethene	ug/L	0.28 U	0.28 U	0.71 U [0.71 U]	0.5 U	0.28 U	0.28 U	0.71 UJ [0.71 UJ]	0.5 U	0.28 U	0.71 UJ	0.5 U	0.28 U	0.71 UJ	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-158 AF Gravel 02/01/06	MW-158 AF Gravel 03/23/06	MW-158 AF Gravel 10/10/06	MW-158 AF Gravel 12/14/06	MW-158 AF Gravel 01/24/08	MW-159 S&P Sand 02/01/06	MW-159 S&P Sand 12/14/06	MW-159 S&P Sand 01/24/08	MW-160 Lower AF 02/01/06	MW-160 Lower AF 12/14/06	MW-160 Lower AF 01/24/08
Semivolatile Organics												
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)												
1,4-Dioxane	ug/L	56	42	NA	NA	NA	1 U	NA	NA	1 U	NA	NA
Volatile Organics (8260B) - SIM												
1,4-Dioxane	ug/L	NA	NA	43 J	78 J	NA	NA	R	NA	NA	R	NA
Volatile Organics (8260) - SIM Isotope Dilution												
1,4-Dioxane	ug/L	NA	NA	120 DJ	92	84	NA	0.76 U	1 U	NA	0.76 U	1 U
Volatile Organics (8260B)												
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	4.3	3.7	5.2	1.8	4.7	0.52 U	0.6 U	0.52 U	0.52 U	0.6 U	0.52 U
1,1-Dichloroethene	ug/L	4.3	3.6	5.5	1.8	4.6	0.45 U	0.83 U	0.45 U	0.45 U	0.83 U	0.45 U
cis-1,2-Dichloroethene	ug/L	0.68 I	0.65 I	1.3	0.75 UJ	0.65 U	0.65 U	0.75 UJ	0.65 U	0.65 U	0.75 UJ	0.65 U
Tetrachloroethene	ug/L	0.34 U	0.34 U	0.65 U	0.65 U	0.5 U	0.34 U	0.65 U	0.5 U	0.34 U	0.65 U	0.5 U
Trichloroethene	ug/L	0.28 U	0.28 U	0.71 U	0.71 UJ	0.5 U	0.28 I	0.71 UJ	0.5 U	0.28 U	0.71 UJ	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-161 Floridan 02/01/06	MW-161 Floridan 03/08/06	MW-161 Floridan 12/14/06	MW-161 Floridan 01/24/08	MW-162 USAS 02/16/06	MW-162 USAS 12/12/06	MW-162 USAS 01/30/08	MW-163 LSAS 02/16/06	MW-163 LSAS 12/12/06	MW-163 LSAS 01/30/08
Semivolatile Organics											
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)											
1,4-Dioxane	ug/L	1 U	1 U	NA	NA	R [R]	NA	NA	R [2.3 IJ]	NA	NA
Volatile Organics (8260B) - SIM											
1,4-Dioxane	ug/L	NA	NA	R	NA	NA	R	NA	NA	R	NA
Volatile Organics (8260) - SIM Isotope Dilution											
1,4-Dioxane	ug/L	NA	NA	0.76 U	1 U	NA	0.76 U	1 U	NA	0.76 U	1 U
Volatile Organics (8260B)											
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.52 U	0.52 U	0.6 U	0.52 U	0.52 U [0.52 U]	0.6 U	0.52 U	0.52 U [0.52 U]	0.6 U	0.52 U
1,1-Dichloroethene	ug/L	0.45 U	0.45 U	0.83 U	0.45 U	0.45 U [0.45 U]	0.83 U	0.45 U	0.45 U [0.45 U]	0.83 U	0.45 U
cis-1,2-Dichloroethene	ug/L	0.65 U	0.65 U	0.75 UJ	0.65 U	0.65 U [0.65 U]	0.75 UJ	0.65 U	0.65 U [0.65 U]	0.75 UJ	0.65 U
Tetrachloroethene	ug/L	0.34 U	0.34 U	0.65 U	0.5 U	0.34 UJ [0.34 UJ]	0.65 U	0.5 U	0.34 UJ [0.34 UJ]	0.65 U	0.5 U
Trichloroethene	ug/L	0.28 U	0.28 U	0.71 UJ	0.5 U	0.28 U [0.28 U]	0.71 U	0.5 U	0.28 U [0.28 U]	0.71 UJ	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: Zone: Date Collected:		MW-164 AF Gravel 02/16/06	MW-164 AF Gravel 10/12/06	MW-164 AF Gravel 12/12/06	MW-164 AF Gravel 01/30/08	MW-165 S&P Sand 03/02/06	MW-165 S&P Sand 07/10/06	MW-165 S&P Sand 10/12/06	MW-165 S&P Sand 12/11/06	MW-165 S&P Sand 12/12/06	MW-165 S&P Sand 01/30/08
Semivolatile Organics											
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)											
1,4-Dioxane	ug/L	R	NA	NA	NA	120 J [1 UJ]	1 U	NA	NA	NA	NA
Volatile Organics (8260B) - SIM											
1,4-Dioxane	ug/L	NA	R	R	NA	NA	NA	R	1.1 J	R	NA
Volatile Organics (8260) - SIM Isotope Dilution											
1,4-Dioxane	ug/L	NA	2 UJ	0.76 U	1 U	NA	NA	2 UJ	0.76 U	0.76 U	1 U
Volatile Organics (8260B)											
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.52 U	0.6 U	0.6 U	0.52 U	0.52 U [0.52 U]	NA	0.6 UJ	0.6 U	0.6 U	0.52 U
1,1-Dichloroethene	ug/L	0.45 U	0.83 U	0.83 U	0.45 U	0.45 U [0.45 U]	NA	0.83 UJ	0.83 U	0.83 U	0.45 U
cis-1,2-Dichloroethene	ug/L	0.65 U	0.75 U	0.75 U	0.65 U	0.65 U [0.65 U]	NA	0.75 UJ	0.75 UJ	0.75 UJ	0.65 U
Tetrachloroethene	ug/L	0.34 UJ	0.65 U	0.65 U	0.5 U	0.34 U [0.34 U]	NA	0.65 UJ	0.65 U	0.65 U	0.5 U
Trichloroethene	ug/L	0.28 U	0.71 U	0.71 UJ	0.5 U	0.28 U [0.28 U]	NA	0.71 UJ	0.71 U	0.71 UJ	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-166 Lower AF 02/16/06	MW-166 Lower AF 12/13/06	MW-166 Lower AF 01/30/08	MW-167 USAS 02/15/06	MW-167 USAS 12/07/06	MW-167 USAS 01/23/08	MW-168 LSAS 02/15/06	MW-168 LSAS 10/12/06	MW-168 LSAS 12/07/06	MW-168 LSAS 01/23/08	MW-169 AF Gravel 02/15/06	MW-169 AF Gravel 12/07/06	MW-169 AF Gravel 01/23/08
Semivolatile Organics														
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)														
1,4-Dioxane	ug/L	R	NA	NA	1 U	NA	NA	1 U	NA	NA	NA	1 U	NA	NA
Volatile Organics (8260B) - SIM														
1,4-Dioxane	ug/L	NA	R	NA	NA	2.6 J	NA	NA	R	R [R]	NA	NA	R	NA
Volatile Organics (8260) - SIM Isotope Dilution														
1,4-Dioxane	ug/L	NA	0.76 U	1 U [1 U]	NA	0.76 U	1 U	NA	2 UJ	0.76 U [0.76 U]	1 U	NA	0.76 U	1 U
Volatile Organics (8260B)														
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.52 U	0.6 U	0.52 U [0.52 U]	0.52 U	0.6 U	0.52 U	0.52 U	0.6 U	0.6 U [0.6 U]	0.52 U	0.52 U	0.6 U	0.52 U
1,1-Dichloroethene	ug/L	0.45 U	0.83 U	0.45 U [0.45 U]	0.45 U	0.83 U	0.45 U	0.45 U	0.83 U	0.83 U [0.83 U]	0.45 U	0.45 U	0.83 U	0.45 U
cis-1,2-Dichloroethene	ug/L	0.65 U	0.75 U	0.65 U [0.65 U]	0.65 U	0.75 U	0.65 U	0.65 U	0.75 U	0.75 U [0.75 U]	0.65 U	0.65 U	0.75 U	0.65 U
Tetrachloroethene	ug/L	0.34 UJ	0.65 U	0.5 U [0.5 U]	0.34 U	0.65 U	0.5 U	0.34 U	0.65 U	0.65 U [0.65 U]	0.5 U	0.34 UJ	0.65 U	0.5 U
Trichloroethene	ug/L	0.28 U	0.71 U	0.5 U [0.5 U]	0.28 U	0.71 U	0.5 U	0.28 U	0.71 U	0.71 U [0.71 U]	0.5 U	0.28 U	0.71 U	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID:		MW-170	MW-170	MW-170	MW-171	MW-171	MW-171	MW-172	MW-172	MW-172	MW-173	MW-173	MW-173
Zone:		Lower AF	Lower AF	Lower AF	LSAS	LSAS	LSAS	AF Gravel	AF Gravel	AF Gravel	S&P Sand	S&P Sand	S&P Sand
Date Collected:		02/15/06	12/07/06	01/23/08	02/18/06	12/11/06	01/23/08	02/18/06	12/11/06	01/23/08	02/18/06	12/11/06	01/23/08
Semivolatile Organics													
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)													
1,4-Dioxane	ug/L	1 U	NA	NA	R [1 U]	NA	NA	R [1 U]	NA	NA	1 U	NA	NA
Volatile Organics (8260B) - SIM													
1,4-Dioxane	ug/L	NA	R	NA	NA	R	NA	NA	R	NA	NA	0.94 U	NA
Volatile Organics (8260) - SIM Isotope Dilution													
1,4-Dioxane	ug/L	NA	0.76 U	1 U	NA	0.76 U	1 U	NA	0.76 U	1 U	NA	0.76 U	1 U
Volatile Organics (8260B)													
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.52 U	0.6 U	0.52 U	0.52 U [0.52 U]	0.6 U	0.52 U	0.52 U [0.52 U]	0.6 U	0.52 U	0.52 U	0.6 U	0.52 U
1,1-Dichloroethene	ug/L	0.45 U	0.83 U	0.45 U	0.45 U [0.45 U]	0.83 U	0.45 U	0.45 U [0.45 U]	0.83 U	0.45 U	0.45 U	0.83 U	0.45 U
cis-1,2-Dichloroethene	ug/L	0.65 U	0.75 U	0.65 U	0.65 U [0.65 U]	0.75 UJ	0.65 U	0.65 U [0.65 U]	0.75 UJ	0.65 U	0.65 U	0.75 U	0.65 U
Tetrachloroethene	ug/L	0.34 U	0.65 U	0.5 U	0.34 U [0.34 U]	0.65 U	0.5 U	0.34 U [0.34 U]	0.65 U	0.5 U	0.34 U	0.65 U	0.5 U
Trichloroethene	ug/L	0.28 U	0.71 U	0.5 U	0.28 U [0.28 U]	0.71 U	0.5 U	0.28 U [0.28 U]	0.71 U	0.5 U	0.28 U	0.71 U	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: Zone: Date Collected:		MW-174 Lower AF 02/18/06	MW-174 Lower AF 12/11/06	MW-174 Lower AF 01/25/08	MW-175 AF Gravel 01/28/06	MW-175 AF Gravel 03/22/06	MW-175 AF Gravel 12/11/06	MW-175 AF Gravel 12/13/06	MW-175 AF Gravel 01/29/08
Semivolatile Organics									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)									
1,4-Dioxane	ug/L	1 U	NA	NA	1 U [1 U]	1 U	NA	NA	NA
Volatile Organics (8260B) - SIM									
1,4-Dioxane	ug/L	NA	R	NA	NA	NA	R	R	NA
Volatile Organics (8260) - SIM Isotope Dilution									
1,4-Dioxane	ug/L	NA	0.76 U	1 U	NA	NA	0.76 U	0.76 U	1 U [1 U]
Volatile Organics (8260B)									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.52 U	0.6 U	0.52 U	0.52 U [0.52 U]	0.52 U	0.6 U	0.6 U	0.52 U [0.52 U]
1,1-Dichloroethene	ug/L	0.45 U	0.83 U	0.45 U	0.45 U [0.45 U]	0.45 U	0.83 U	0.83 U	0.44 U [0.44 U]
cis-1,2-Dichloroethene	ug/L	0.65 U	0.75 UJ	0.65 U	0.65 U [0.65 U]	0.65 U	0.75 UJ	0.75 U	0.64 U [0.64 U]
Tetrachloroethene	ug/L	0.34 U	0.65 U	0.5 U	0.34 U [0.34 U]	0.34 U	0.65 U	0.65 U	0.5 U [0.5 UJ]
Trichloroethene	ug/L	0.28 U	0.71 U	0.5 U	0.28 U [0.28 U]	0.28 U	0.71 U	0.71 U	0.5 U [0.5 U]

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: Zone: Date Collected:		MW-176 S&P Sand 01/28/06	MW-176 S&P Sand 12/07/06	MW-176 S&P Sand 01/29/08	MW-177 Lower AF 01/28/06	MW-177 Lower AF 12/07/06	MW-177 Lower AF 01/29/08	MW-178 LSAS 01/27/06	MW-178 LSAS 12/14/06	MW-178 LSAS 01/25/08	MW-179 AF Gravel 01/27/06	MW-179 AF Gravel 12/14/06	MW-179 AF Gravel 01/25/08
Semivolatile Organics													
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)													
1,4-Dioxane	ug/L	1 U	NA	NA	1.1 U	NA	NA	1 U	NA	NA	1 U	NA	NA
Volatile Organics (8260B) - SIM													
1,4-Dioxane	ug/L	NA	R	NA	NA	R	NA	NA	R	NA	NA	R	NA
Volatile Organics (8260) - SIM Isotope Dilution													
1,4-Dioxane	ug/L	NA	0.76 U	1 U	NA	0.76 U	1 U	NA	0.76 U	1 U	NA	0.76 U	1 U [1 U]
Volatile Organics (8260B)													
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.52 U	0.6 U	0.52 U	0.52 U	0.6 U	0.52 U	0.52 U	0.6 U	0.52 U	0.52 U	0.6 U	0.52 U [0.52 U]
1,1-Dichloroethene	ug/L	0.45 U	0.83 U	0.44 U	0.45 U	0.83 U	0.44 U	0.45 U	0.83 U	0.45 U	0.45 U	0.83 U	0.45 U [0.45 U]
cis-1,2-Dichloroethene	ug/L	0.65 U	0.75 U	0.64 U	0.65 U	0.75 U	0.64 U	0.65 U	0.75 UJ	0.65 U	0.65 U	0.75 UJ	0.65 U [0.65 U]
Tetrachloroethene	ug/L	0.34 U	0.65 U	0.5 U	0.34 U	0.65 U	0.5 U	0.34 U	0.65 U	0.5 U	0.34 U	0.65 U	0.5 U [0.5 U]
Trichloroethene	ug/L	0.28 U	0.71 U	0.5 U	0.28 U	0.71 U	0.5 U	0.28 U	0.71 UJ	0.5 U	0.28 U	0.71 UJ	0.5 U [0.5 U]

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-180 S&P Sand 01/27/06	MW-180 S&P Sand 12/14/06	MW-180 S&P Sand 01/25/08	MW-181 Lower AF 01/27/06	MW-181 Lower AF 12/14/06	MW-181 Lower AF 01/25/08	MW-182 S&P Sand 02/15/06	MW-182 S&P Sand 12/07/06	MW-182 S&P Sand 01/23/08
Semivolatile Organics										
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)										
1,4-Dioxane	ug/L	1 U	NA	NA	1 U	NA	NA	1.1 U [1.1 U]	NA	NA
Volatile Organics (8260B) - SIM										
1,4-Dioxane	ug/L	NA	R	NA	NA	R [R]	NA	NA	R	NA
Volatile Organics (8260) - SIM Isotope Dilution										
1,4-Dioxane	ug/L	NA	0.76 U	1 U	NA	0.76 U [0.76 U]	1 U	NA	0.76 U	1 U
Volatile Organics (8260B)										
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.52 U	0.6 U	0.52 U	0.52 U	0.6 U [0.6 U]	0.52 U	0.52 U [0.52 U]	0.6 U	0.52 U
1,1-Dichloroethene	ug/L	0.45 U	0.83 U	0.45 U	0.45 U	0.83 U [0.83 U]	0.45 U	0.45 U [0.45 U]	0.83 U	0.45 U
cis-1,2-Dichloroethene	ug/L	0.65 U	0.75 UJ	0.65 U	0.65 U	0.75 UJ [0.75 UJ]	0.65 U	0.65 U [0.65 U]	0.75 U	0.65 U
Tetrachloroethene	ug/L	0.34 U	0.65 U	0.5 U	0.34 U	0.65 U [0.65 U]	0.5 U	0.34 UJ [0.34 UJ]	0.65 U	0.5 U
Trichloroethene	ug/L	0.28 U	0.71 UJ	0.5 U	0.28 U	0.71 UJ [0.71 UJ]	0.5 U	0.28 U [0.28 U]	0.71 U	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: Zone: Date Collected:		MW-183 USAS 02/17/06	MW-183 USAS 10/09/06	MW-183 USAS 12/06/06	MW-183 USAS 01/24/08	MW-184 LSAS 02/17/06	MW-184 LSAS 10/09/06	MW-184 LSAS 12/06/06	MW-184 LSAS 01/24/08	MW-185 AF Gravel 02/17/06	MW-185 AF Gravel 10/09/06	MW-185 AF Gravel 12/06/06	MW-185 AF Gravel 01/24/08
Semivolatile Organics													
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)													
1,4-Dioxane	ug/L	1 U	NA	NA	NA	1 U [1 U]	NA	NA	NA	1 U	NA	NA	NA
Volatile Organics (8260B) - SIM													
1,4-Dioxane	ug/L	NA	R	R	NA	NA	R	R	NA	NA	R	R	NA
Volatile Organics (8260) - SIM Isotope Dilution													
1,4-Dioxane	ug/L	NA	2 UJ	0.76 U	1 U	NA	2 UJ	0.76 U	1 U	NA	2 UJ	0.76 U	1 U
Volatile Organics (8260B)													
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.52 U	0.6 U	0.6 U	0.52 U	0.52 U [0.52 U]	0.6 U	0.6 U	0.52 U	0.52 U	0.6 U	0.6 U	0.52 U
1,1-Dichloroethene	ug/L	0.45 U	0.83 U	0.83 U	0.45 U	0.45 U [0.45 U]	0.83 U	0.83 U	0.45 U	0.45 U	0.83 U	0.83 U	0.45 U
cis-1,2-Dichloroethene	ug/L	0.65 U	0.75 U	0.75 U	0.65 U	0.65 U [0.65 U]	0.75 U	0.75 UJ	0.65 U	0.65 U	0.75 U	0.75 U	0.65 U
Tetrachloroethene	ug/L	0.34 U	0.65 U	0.65 U	0.5 U	0.34 U [0.34 U]	0.65 U	0.65 U	0.5 U	0.34 U	0.65 U	0.65 U	0.5 U
Trichloroethene	ug/L	0.28 U	0.75 I	0.71 U	0.5 U	0.28 U [0.28 U]	0.71 U	0.71 U	0.5 U	0.28 U	0.71 U	0.71 U	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-186 S&P Sand 02/17/06	MW-186 S&P Sand 10/10/06	MW-186 S&P Sand 12/06/06	MW-186 S&P Sand 01/24/08	MW-187 Lower AF 02/17/06	MW-187 Lower AF 12/06/06	MW-187 Lower AF 01/24/08	MW-188 USAS 12/06/06	MW-188 USAS 01/23/08	MW-188 USAS 03/07/06	MW-188 USAS 03/17/06	MW-188 USAS 03/20/06
Semivolatile Organics													
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)													
1,4-Dioxane	ug/L	1 U	NA	NA	NA	1 U	NA	NA	NA	NA	1 U	1 U	1 U
Volatile Organics (8260B) - SIM													
1,4-Dioxane	ug/L	NA	R	R	NA	NA	R	NA	R	NA	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution													
1,4-Dioxane	ug/L	NA	2 UJ	0.76 U	1 U	NA	0.76 U	1 U	0.76 U	1 U	NA	NA	NA
Volatile Organics (8260B)													
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.52 U	0.6 U	0.6 U	0.52 U	0.52 U	0.6 U	0.52 U	0.6 U	0.52 U	0.52 U	0.52 U	0.52 U
1,1-Dichloroethene	ug/L	0.45 U	0.83 U	0.83 U	0.45 U	0.45 U	0.83 U	0.45 U	0.83 U	0.45 U	0.45 U	0.45 U	0.45 U
cis-1,2-Dichloroethene	ug/L	0.65 U	0.75 U	0.75 UJ	0.65 U	0.65 U	0.75 U	0.65 U	0.75 UJ	0.65 U	0.65 U	0.65 U	0.65 U
Tetrachloroethene	ug/L	0.34 U	0.65 U	0.65 U	0.5 U	0.34 U	0.65 U	0.5 U	0.65 U	0.5 U	0.34 U	0.34 U	0.34 U
Trichloroethene	ug/L	0.28 U	0.71 U	0.71 U	0.5 U	0.28 U	0.71 U	0.5 U	0.71 U	0.5 U	0.28 U	0.28 U	0.28 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-189 LSAS 12/06/06	MW-189 LSAS 01/23/08	MW-189 LSAS 03/08/06	MW-189 LSAS 03/17/06	MW-189 LSAS 03/20/06	MW-190 AF Gravel 03/07/06	MW-190 AF Gravel 03/17/06	MW-190 AF Gravel 03/20/06	MW-190 AF Gravel 12/06/06	MW-190 AF Gravel 01/25/08
Semivolatile Organics											
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)											
1,4-Dioxane	ug/L	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA
Volatile Organics (8260B) - SIM											
1,4-Dioxane	ug/L	R	NA	NA	NA	NA	NA	NA	NA	R [R]	NA
Volatile Organics (8260) - SIM Isotope Dilution											
1,4-Dioxane	ug/L	0.76 U	1 U [1 U]	NA	NA	NA	NA	NA	NA	0.76 U [0.76 U]	1 U
Volatile Organics (8260B)											
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.6 U	0.52 U [0.52 U]	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.6 U [0.6 U]	0.52 U
1,1-Dichloroethene	ug/L	0.83 U	0.45 U [0.45 U]	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.83 U [0.83 U]	0.45 U
cis-1,2-Dichloroethene	ug/L	0.75 U	0.65 U [0.65 U]	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.75 UJ [0.75 U]	0.65 U
Tetrachloroethene	ug/L	0.65 U	0.5 U [0.5 U]	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.65 U [0.65 U]	0.5 U
Trichloroethene	ug/L	0.71 U	0.5 U [0.5 U]	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.71 U [0.71 U]	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-191 S&P Sand 03/08/06	MW-191 S&P Sand 03/17/06	MW-191 S&P Sand 03/20/06	MW-191 S&P Sand 12/06/06	MW-191 S&P Sand 01/23/08	MW-192 Lower AF 03/07/06	MW-192 Lower AF 03/18/06	MW-192 Lower AF 12/06/06	MW-192 Lower AF 01/23/08
Semivolatile Organics										
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)										
1,4-Dioxane	ug/L	1 U	1 U	1 U	NA	NA	1 U	1 U	NA	NA
Volatile Organics (8260B) - SIM										
1,4-Dioxane	ug/L	NA	NA	NA	R	NA	NA	NA	R	NA
Volatile Organics (8260) - SIM Isotope Dilution										
1,4-Dioxane	ug/L	NA	NA	NA	0.76 U	1 U	NA	NA	0.76 U	1 U
Volatile Organics (8260B)										
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.52 U	0.52 U	0.52 U	0.6 U	0.52 U	0.52 U	0.52 U	0.6 U	0.52 U
1,1-Dichloroethene	ug/L	0.45 U	0.45 U	0.45 U	0.83 U	0.45 U	0.45 U	0.45 U	0.83 U	0.45 U
cis-1,2-Dichloroethene	ug/L	0.65 U	0.65 U	0.65 U	0.75 UJ	0.65 U	0.65 U	0.65 U	0.75 U	0.65 U
Tetrachloroethene	ug/L	0.34 U	0.34 U	0.34 U	0.65 U	0.5 U	0.34 U	0.34 U	0.65 U	0.5 U
Trichloroethene	ug/L	0.28 U	0.28 U	0.28 U	0.71 U	0.5 U	0.28 U	0.28 U	0.79 I	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: Zone: Date Collected:		MW-193 AF Gravel 03/05/06	MW-193 AF Gravel 03/16/06	MW-193 AF Gravel 12/06/06	MW-193 AF Gravel 01/24/08	MW-194 S&P Sand 03/06/06	MW-194 S&P Sand 03/16/06	MW-194 S&P Sand 12/06/06	MW-194 S&P Sand 01/24/08
Semivolatile Organics									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)									
1,4-Dioxane	ug/L	1 U	1 U	NA	NA	1 U	1 U	NA	NA
Volatile Organics (8260B) - SIM									
1,4-Dioxane	ug/L	NA	NA	R	NA	NA	NA	R	NA
Volatile Organics (8260) - SIM Isotope Dilution									
1,4-Dioxane	ug/L	NA	NA	0.76 U	1 U	NA	NA	0.76 U	1 U
Volatile Organics (8260B)									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.52 U	0.52 U	0.6 U	0.52 U	0.52 U	0.52 U	0.6 U	0.52 U
1,1-Dichloroethene	ug/L	0.45 U	0.45 U	0.83 U	0.45 U	0.45 U	0.45 U	0.83 U	0.45 U
cis-1,2-Dichloroethene	ug/L	0.65 U	0.65 U	0.75 U	0.65 U	0.65 U	0.65 U	0.75 UJ	0.65 U
Tetrachloroethene	ug/L	0.34 U	0.34 U	0.65 U	0.5 U	0.34 U	0.34 U	0.65 U	0.5 U
Trichloroethene	ug/L	0.28 U	0.28 U	0.71 U	0.5 U	0.28 U	0.28 U	0.71 U	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-195 Lower AF 03/07/06	MW-195 Lower AF 03/18/06	MW-195 Lower AF 12/06/06	MW-195 Lower AF 01/24/08	MW-196 AF Gravel 03/15/06	MW-196 AF Gravel 03/23/06	MW-196 AF Gravel 12/15/06	MW-196 AF Gravel 01/30/08	MW-197 AF Gravel 03/15/06	MW-197 AF Gravel 12/12/06	MW-197 AF Gravel 01/30/08	MW-198 USAS 01/28/08	MW-199 LSAS 01/28/08	MW-200 AF Gravel 01/28/08
Semivolatile Organics															
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)															
1,4-Dioxane	ug/L	1 U	1 U	NA	NA	1 U	1 U	NA	NA	1 UJ	NA	NA	NA	NA	NA
Volatile Organics (8260B) - SIM															
1,4-Dioxane	ug/L	NA	NA	R	NA	NA	NA	R	NA	NA	R	NA	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution															
1,4-Dioxane	ug/L	NA	NA	0.76 U	1 U [1 U]	NA	NA	0.76 U	1 U	NA	0.76 U	1 U	1 U	1 U	1 U
Volatile Organics (8260B)															
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.52 U	0.52 U	0.6 U	0.52 U [0.52 U]	0.52 U	0.52 U	0.6 U	0.52 U	0.52 U	0.6 U	0.52 U	0.52 U	0.52 U	0.52 U
1,1-Dichloroethene	ug/L	0.45 U	0.45 U	0.83 U	0.45 U [0.45 U]	0.45 U	0.45 U	0.83 U	0.45 U	0.45 U	0.83 U	0.45 U	0.45 U	0.45 U	0.45 U
cis-1,2-Dichloroethene	ug/L	0.65 U	0.65 U	0.75 UJ	0.65 U [0.65 U]	0.65 U	0.65 U	0.75 U	0.65 U	0.65 U	0.75 U	0.65 U	0.65 U	0.65 U	0.65 U
Tetrachloroethene	ug/L	0.34 U	0.34 U	0.65 U	0.5 U [0.5 U]	0.34 U	0.34 U	0.65 U	0.5 U	0.34 U	0.65 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	ug/L	0.28 U	0.28 U	0.71 U	0.5 U [0.5 U]	7.2	4.9	3.7	2.2	0.28 U	0.71 UJ	0.5 U	0.5 U	0.5 U	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: Zone: Date Collected:		MW-201 S&P Sand 01/28/08	MW-202 Lower AF 02/01/08	MW-204 USAS 01/23/08	MW-205 LSAS 01/23/08	MW-206 AF Gravel 01/29/08	MW-207 Lower AF 01/29/08	MW-208 USAS 03/30/06	MW-208 USAS 12/07/06	MW-208 USAS 01/23/08
Semivolatile Organics										
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)										
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	1 U	NA	NA
Volatile Organics (8260B) - SIM										
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	R	NA
Volatile Organics (8260) - SIM Isotope Dilution										
1,4-Dioxane	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	NA	0.76 U	1 U
Volatile Organics (8260B)										
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.6 U	0.52 U
1,1-Dichloroethene	ug/L	0.45 U	0.45 U	0.45 U	0.45 U	0.44 U	0.44 U	0.45 U	0.83 U	0.45 U
cis-1,2-Dichloroethene	ug/L	0.65 U	0.65 U	0.65 U	0.65 U	0.64 U	0.64 U	11	5.8	11
Tetrachloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.34 U	0.65 U	0.5 U
Trichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.28 U	0.71 U	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: Zone: Date Collected:		MW-209 LSAS 03/30/06	MW-209 LSAS 12/07/06	MW-209 LSAS 01/23/08	MW-210 AF Gravel 03/25/06	MW-210 AF Gravel 04/03/06	MW-210 AF Gravel 12/07/06	MW-210 AF Gravel 01/23/08	MW-211 S&P Sand 03/30/06	MW-211 S&P Sand 12/07/06	MW-211 S&P Sand 01/23/08
Semivolatile Organics											
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)											
1,4-Dioxane	ug/L	1 U	NA	NA	1 U	1.1 U	NA	NA	1 U	NA	NA
Volatile Organics (8260B) - SIM											
1,4-Dioxane	ug/L	NA	R	NA	NA	NA	R	NA	NA	R	NA
Volatile Organics (8260) - SIM Isotope Dilution											
1,4-Dioxane	ug/L	NA	0.76 U	1 U	NA	NA	0.76 U	1 U	NA	0.76 U	1 U
Volatile Organics (8260B)											
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.52 U	0.6 U	0.52 U	0.52 U	0.52 U	0.6 U	0.52 U	0.52 U	0.6 U	0.52 U
1,1-Dichloroethene	ug/L	0.45 U	0.83 U	0.45 U	0.45 U	0.45 U	0.83 U	0.45 U	0.45 U	0.83 U	0.45 U
cis-1,2-Dichloroethene	ug/L	0.65 U	0.75 U	0.65 U	0.65 U	0.65 U	0.75 U	0.65 U	0.65 U	0.75 U	1.1
Tetrachloroethene	ug/L	0.34 U	0.65 U	0.5 U	0.34 U	0.34 U	0.65 U	0.5 U	0.34 U	0.65 U	0.5 U
Trichloroethene	ug/L	0.28 U	0.71 U	0.5 U	0.28 U	0.28 U	0.71 U	0.5 U	0.28 U	0.71 U	0.53 I

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: Zone: Date Collected:		MW-212 Lower AF 03/25/06	MW-212 Lower AF 12/07/06	MW-212 Lower AF 01/23/08	MW-213 USAS 03/31/06	MW-213 USAS 12/12/06	MW-213 USAS 01/31/08	MW-214 LSAS 03/31/06	MW-214 LSAS 12/12/06	MW-214 LSAS 01/31/08
Semivolatile Organics										
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)										
1,4-Dioxane	ug/L	1.1 U	NA	NA	1 U	NA	NA	1 U	NA	NA
Volatile Organics (8260B) - SIM										
1,4-Dioxane	ug/L	NA	R	NA	NA	R	NA	NA	R	NA
Volatile Organics (8260) - SIM Isotope Dilution										
1,4-Dioxane	ug/L	NA	0.76 U	1 U	NA	0.76 U	1 UJ	NA	0.76 U	1 U
Volatile Organics (8260B)										
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.52 U	0.6 U	0.52 U	0.52 U	0.6 U	0.52 UJ	0.52 U	0.6 U	0.52 U
1,1-Dichloroethene	ug/L	0.45 U	0.83 U	0.45 U	0.45 U	0.83 U	0.45 UJ	0.45 U	0.83 U	0.45 U
cis-1,2-Dichloroethene	ug/L	0.65 U	0.75 U	0.65 U	0.65 U	0.75 U	0.65 UJ	0.65 U	0.75 U	0.65 U
Tetrachloroethene	ug/L	0.34 U	0.65 U	0.5 U	0.34 U	0.65 U	0.5 UJ	0.34 U	0.65 U	0.5 U
Trichloroethene	ug/L	0.28 U	0.71 U	0.5 U	0.28 U	0.71 UJ	0.5 UJ	0.28 U	0.71 UJ	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-215 AF Gravel 03/31/06	MW-215 AF Gravel 11/13/06	MW-215 AF Gravel 12/12/06	MW-215 AF Gravel 01/31/08	MW-216 S&P Sand 03/30/06	MW-216 S&P Sand 12/12/06	MW-216 S&P Sand 01/31/08	MW-217 Lower AF 03/30/06	MW-217 Lower AF 12/12/06	MW-217 Lower AF 01/31/08	MW-218 Floridan 04/06/06	MW-218 Floridan 12/12/06
Semivolatile Organics													
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)													
1,4-Dioxane	ug/L	4.1 I	NA	NA	NA	1 U	NA	NA	1 U	NA	NA	1.1 U	NA
Volatile Organics (8260B) - SIM													
1,4-Dioxane	ug/L	NA	NA	R	NA	NA	R	NA	NA	R	NA	NA	R
Volatile Organics (8260) - SIM Isotope Dilution													
1,4-Dioxane	ug/L	NA	2 U	0.76 U	1 U	NA	0.76 U	1 U	NA	0.76 U	1 U	NA	0.76 U
Volatile Organics (8260B)													
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.52 U	0.6 U	0.6 U	0.52 U	0.52 U	0.6 U	0.52 U	0.52 U	0.6 U	0.52 U	0.52 U	0.6 U
1,1-Dichloroethene	ug/L	0.45 U	0.83 U	0.83 U	0.45 U	0.45 U	0.83 U	0.45 U	0.45 U	0.83 U	0.45 U	0.45 U	0.83 U
cis-1,2-Dichloroethene	ug/L	0.65 U	0.75 U	0.75 U	0.65 U	0.65 U	0.75 UJ	0.65 U	0.65 U	0.75 UJ	0.65 U	0.65 U	0.75 UJ
Tetrachloroethene	ug/L	0.34 U	0.65 U	0.65 U	0.5 U	0.34 U	0.65 U	0.5 U	0.34 U	0.65 U	0.5 U	0.34 U	0.65 U
Trichloroethene	ug/L	0.28 U	0.71 U	0.71 UJ	0.5 U	0.28 U	0.71 UJ	0.5 U	0.28 U	0.71 UJ	0.5 U	0.28 U	0.71 UJ

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-219 USAS 03/20/06	MW-219 USAS 03/25/06	MW-219 USAS 12/13/06	MW-219 USAS 01/25/08	MW-220 LSAS 03/20/06	MW-220 LSAS 03/25/06	MW-220 LSAS 12/13/06	MW-220 LSAS 01/25/08	MW-221 AF Gravel 03/20/06	MW-221 AF Gravel 03/26/06	MW-221 AF Gravel 12/13/06	MW-221 AF Gravel 01/25/08
Semivolatile Organics													
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)													
1,4-Dioxane	ug/L	1 U	1 U	NA	NA	1 U	1 U	NA	NA	1 U	1 U	NA	NA
Volatile Organics (8260B) - SIM													
1,4-Dioxane	ug/L	NA	NA	R	NA	NA	NA	R [R]	NA	NA	NA	R	NA
Volatile Organics (8260) - SIM Isotope Dilution													
1,4-Dioxane	ug/L	NA	NA	0.76 U	1 U	NA	NA	0.76 U [0.76 U]	1 U	NA	NA	0.76 U	1 U
Volatile Organics (8260B)													
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.52 U	0.52 U	0.6 U	0.52 U	0.52 U	0.52 U	0.6 U [0.6 U]	0.52 U	0.52 U	0.52 U	0.6 U	0.52 U
1,1-Dichloroethene	ug/L	0.45 U	0.45 U	0.83 U	0.45 U	0.45 U	0.45 U	0.83 U [0.83 U]	0.45 U	0.45 U	0.45 U	0.83 U	0.45 U
cis-1,2-Dichloroethene	ug/L	0.65 U	0.65 U	0.75 U	0.65 U	0.65 U	0.65 U	0.75 U [0.75 U]	0.65 U	0.65 U	0.65 U	0.75 U	0.65 U
Tetrachloroethene	ug/L	0.34 U	0.34 U	0.65 U	0.5 U	0.34 U	0.34 U	0.65 U [0.65 U]	0.5 U	0.34 U	0.34 U	0.65 U	0.5 U
Trichloroethene	ug/L	0.28 U	0.28 U	0.71 U	0.5 U	0.28 U	0.28 U	0.71 U [0.71 U]	NA	0.28 U	0.28 U	0.71 U	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: Zone: Date Collected:		MW-222 S&P Sand 03/20/06	MW-222 S&P Sand 03/26/06	MW-222 S&P Sand 12/13/06	MW-222 S&P Sand 01/25/08	MW-223 Hardstreak Clay 03/26/06	MW-223 Hardstreak Clay 12/07/06	MW-223 Hardstreak Clay 01/25/08
Semivolatile Organics								
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)								
1,4-Dioxane	ug/L	1 U	1.1 U	NA	NA	1.1 U	NA	NA
Volatile Organics (8260B) - SIM								
1,4-Dioxane	ug/L	NA	NA	R	NA	NA	R	NA
Volatile Organics (8260) - SIM Isotope Dilution								
1,4-Dioxane	ug/L	NA	NA	0.76 U	1 U	NA	0.76 U	1 U
Volatile Organics (8260B)								
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.52 U	0.52 U	0.6 U	0.52 U	0.52 U	0.6 U	0.52 U
1,1-Dichloroethene	ug/L	0.45 U	0.45 U	0.83 U	0.45 U	0.45 U	0.83 U	0.45 U
cis-1,2-Dichloroethene	ug/L	0.65 U	0.65 U	0.75 U	0.65 U	0.65 U	0.75 U	0.65 U
Tetrachloroethene	ug/L	0.34 U	0.34 U	0.65 U	0.5 U	0.34 U	0.65 U	0.5 U
Trichloroethene	ug/L	0.28 U	0.28 U	0.71 U	0.5 U	0.28 U	0.71 U	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-224 Venice Clay 03/26/06	MW-224 Venice Clay 12/08/06	MW-224 Venice Clay 01/25/08	MW-225 Venice Clay 03/26/06	MW-225 Venice Clay 12/07/06	MW-225 Venice Clay 01/25/08	MW-226 AF Gravel 03/26/06	MW-226 AF Gravel 04/04/06	MW-226 AF Gravel 12/07/06	MW-226 AF Gravel 01/25/08	MW-227 S&P Sand 03/26/06	MW-227 S&P Sand 12/08/06	MW-227 S&P Sand 01/25/08
Semivolatile Organics														
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)														
1,4-Dioxane	ug/L	1 U	NA	NA	1 U	NA	NA	1 U	1 UJ	NA	NA	1 U	NA	NA
Volatile Organics (8260B) - SIM														
1,4-Dioxane	ug/L	NA	R	NA	NA	R	NA	NA	NA	R	NA	NA	R	NA
Volatile Organics (8260) - SIM Isotope Dilution														
1,4-Dioxane	ug/L	NA	0.76 U	1 U	NA	0.76 U	1 U	NA	NA	0.76 U	1 U	NA	0.76 U	1 U
Volatile Organics (8260B)														
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.52 U	0.6 U	0.52 U	0.52 U	1.1	0.52 U	0.52 U	0.52 U	0.6 U	0.52 U	0.52 U	0.6 U	0.52 U
1,1-Dichloroethene	ug/L	0.45 U	0.83 U	0.45 U	0.45 U	0.96 I	0.45 U	0.45 U	0.45 U	0.83 U	0.45 U	0.45 U	0.83 U	0.45 U
cis-1,2-Dichloroethene	ug/L	0.65 U	0.75 U	0.65 U	0.65 U	0.75 U	0.65 U	0.65 U	0.65 U	0.75 U	0.65 U	0.65 U	0.75 U	0.65 U
Tetrachloroethene	ug/L	0.34 U	0.65 U	0.5 U	0.34 U	0.65 U	0.5 U	0.34 U	0.34 U	0.65 U	0.5 U	0.34 U	0.65 U	0.5 U
Trichloroethene	ug/L	0.28 U	0.71 U	0.5 U	0.28 U	0.71 U	0.5 U	0.28 U	0.28 U	0.71 U	0.5 U	0.28 U	0.71 U	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-228 AF Gravel 04/04/06	MW-228 AF Gravel 01/23/08	MW-229 USAS 04/02/06	MW-229 USAS 12/14/06	MW-229 USAS 01/29/08	MW-230 LSAS 04/02/06	MW-230 LSAS 12/14/06	MW-230 LSAS 01/29/08	MW-231 AF Gravel 04/02/06	MW-231 AF Gravel 12/14/06	MW-231 AF Gravel 01/29/08
Semivolatile Organics												
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)												
1,4-Dioxane	ug/L	1 UJ	NA	1 U	NA	NA	1 U	NA	NA	1 U [1 U]	NA	NA
Volatile Organics (8260B) - SIM												
1,4-Dioxane	ug/L	NA	NA	NA	R [R]	NA	NA	R	NA	NA	R	NA
Volatile Organics (8260) - SIM Isotope Dilution												
1,4-Dioxane	ug/L	NA	1 U [1 U]	NA	0.76 U [0.76 U]	1 U	NA	0.76 U	1 U	NA	0.76 U	1 U
Volatile Organics (8260B)												
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.52 U	0.52 U [0.52 U]	0.52 U	0.6 U [0.6 U]	0.52 U	0.52 U	0.6 U	0.52 U	0.52 U [0.52 U]	0.6 U	0.52 U
1,1-Dichloroethene	ug/L	0.45 U	0.45 U [0.45 U]	0.45 U	0.83 U [0.83 U]	0.44 U	0.45 U	0.83 U	0.44 U	0.45 U [0.45 U]	0.83 U	0.44 U
cis-1,2-Dichloroethene	ug/L	0.65 U	0.65 U [0.65 U]	0.65 U	0.75 UJ [0.75 UJ]	0.64 U	0.65 U	0.75 UJ	0.64 U	0.65 U [0.65 U]	0.75 UJ	0.64 U
Tetrachloroethene	ug/L	0.34 U	0.5 U [0.5 U]	0.34 U	0.65 U [0.65 U]	0.5 U	0.34 U	0.65 U	0.5 UJ	0.34 U [0.34 U]	0.65 U	0.5 U
Trichloroethene	ug/L	0.28 U	0.5 U [0.5 U]	0.28 U	0.71 UJ [0.71 UJ]	0.5 U	0.28 U	0.71 UJ	0.5 U	0.28 U [0.28 U]	0.71 UJ	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-232 AF Gravel 04/04/06	MW-232 AF Gravel 10/10/06	MW-232 AF Gravel 12/18/06	MW-232 AF Gravel 01/30/08	MW-233 AF Gravel 04/04/06	MW-233 AF Gravel 12/13/06	MW-233 AF Gravel 01/24/08	MW-234 USAS 04/02/06	MW-234 USAS 12/12/06	MW-234 USAS 01/31/08	MW-235 LSAS 04/02/06	MW-235 LSAS 12/12/06	MW-235 LSAS 01/31/08
Semivolatile Organics														
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)														
1,4-Dioxane	ug/L	1 UJ [12 J]	NA	NA	NA	1 UJ	NA	NA	1 U	NA	NA	1 U	NA	NA
Volatile Organics (8260B) - SIM														
1,4-Dioxane	ug/L	NA	R	5.2 J [4.5 J]	NA	NA	R	NA	NA	R	NA	NA	R	NA
Volatile Organics (8260) - SIM Isotope Dilution														
1,4-Dioxane	ug/L	NA	6.1 J	5.2 [2.7]	7.6 [7.6]	NA	0.76 U	1 U	NA	0.76 U	1 U	NA	0.76 U	1 U
Volatile Organics (8260B)														
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.52 U [0.52 U]	0.6 U	0.6 U [0.6 U]	0.52 U [0.52 U]	0.56 I	0.6 U	0.52 U	0.52 U	0.6 U	0.52 U	0.52 U	0.6 U	0.52 U
1,1-Dichloroethene	ug/L	0.45 U [0.45 U]	0.83 U	0.83 U [0.83 U]	0.45 U [0.45 U]	0.45 U	0.83 U	0.45 U	0.45 U	0.83 U	0.45 U	0.45 U	0.83 U	0.45 U
cis-1,2-Dichloroethene	ug/L	0.65 U [0.65 U]	0.75 U	0.75 U [0.75 U]	0.65 U [0.65 U]	0.65 U	0.75 U	0.65 U	0.65 U	0.75 U	0.65 U	0.65 U	0.75 U	0.65 U
Tetrachloroethene	ug/L	0.34 U [0.34 U]	0.65 U	0.65 U [0.65 U]	0.5 U [0.5 U]	0.34 U	0.65 U	0.5 U	0.34 U	0.65 U	0.5 U	0.34 U	0.65 U	0.5 U
Trichloroethene	ug/L	0.28 U [0.28 U]	0.71 U	0.71 U [0.71 U]	0.5 U [0.5 U]	0.28 U	0.71 U	0.5 U	0.28 U	0.71 UJ	0.5 U	0.28 U	0.71 UJ	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-236 AF Gravel 04/02/06	MW-236 AF Gravel 12/12/06	MW-236 AF Gravel 01/31/08	MW-237 S&P Sand 04/07/06	MW-237 S&P Sand 12/12/06	MW-237 S&P Sand 01/31/08	MW-238 Lower AF 04/07/06	MW-238 Lower AF 12/12/06	MW-238 Lower AF 01/31/08
Semivolatile Organics										
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)										
1,4-Dioxane	ug/L	1.1 U	NA	NA	1 U	NA	NA	1.1 U	NA	NA
Volatile Organics (8260B) - SIM										
1,4-Dioxane	ug/L	NA	R [R]	NA	NA	R	NA	NA	R	NA
Volatile Organics (8260) - SIM Isotope Dilution										
1,4-Dioxane	ug/L	NA	0.76 U [0.76 U]	1 U	NA	0.76 U	1 U [1 UJ]	NA	0.76 U	1 U
Volatile Organics (8260B)										
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.52 U	0.6 U [0.6 U]	0.52 U	0.52 U	0.6 U	0.52 U [0.52 U]	0.52 U	0.6 U	0.52 U
1,1-Dichloroethene	ug/L	0.45 U	0.83 U [0.83 U]	0.45 U	0.45 U	0.83 U	0.45 U [0.45 U]	0.45 U	0.83 U	0.45 U
cis-1,2-Dichloroethene	ug/L	0.65 U	0.75 U [0.75 U]	0.65 U	0.65 U	0.75 U	0.65 U [0.65 U]	0.65 U	0.75 U	0.65 U
Tetrachloroethene	ug/L	0.34 U	0.65 U [0.65 U]	0.5 U	0.34 U	0.65 U	0.5 U [0.5 U]	0.34 U	0.65 U	0.5 U
Trichloroethene	ug/L	0.28 U	0.71 UJ [0.71 UJ]	0.5 U	0.28 U	0.71 UJ	0.5 U [0.5 U]	0.28 U	0.71 UJ	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-239 AF Gravel 04/05/06	MW-239 AF Gravel 12/14/06	MW-239 AF Gravel 01/23/08	MW-240 S&P Sand 04/05/06	MW-240 S&P Sand 12/07/06	MW-240 S&P Sand 01/23/08	MW-241 Lower AF 12/19/06	MW-241 Lower AF 01/25/08	MW-242 USAS 04/06/06	MW-242 USAS 12/12/06	MW-242 USAS 01/29/08
Semivolatile Organics												
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)												
1,4-Dioxane	ug/L	1 U	NA	NA	1 U	NA	NA	NA	NA	1.1 U	NA	NA
Volatile Organics (8260B) - SIM												
1,4-Dioxane	ug/L	NA	4.6 J [5 J]	NA	NA	R	NA	R	NA	NA	R [R]	NA
Volatile Organics (8260) - SIM Isotope Dilution												
1,4-Dioxane	ug/L	NA	3.6 J [7.1 J]	6.7	NA	0.76 U	1 U	0.76 U	1 U	NA	0.76 U [0.76 U]	1 U
Volatile Organics (8260B)												
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	R	NA
1,1-Dichloroethane	ug/L	0.52 U	0.6 U [0.6 U]	0.52 U	0.52 U	0.6 U	0.52 U	0.6 U	0.52 U	0.52 U	0.6 U [0.6 U]	0.52 U
1,1-Dichloroethene	ug/L	0.45 U	0.83 U [0.83 U]	0.45 U	0.45 U	0.83 U	0.45 U	0.83 U	0.45 U	0.45 U	0.83 U [0.83 U]	0.44 U
cis-1,2-Dichloroethene	ug/L	0.65 U	0.98 J [1 J]	2.1	0.65 U	0.75 U	0.65 U	0.75 UJ	0.65 U	0.65 U	0.75 U [0.75 UJ]	0.64 U
Tetrachloroethene	ug/L	0.34 U	0.65 U [0.65 U]	0.5 U	0.34 U	0.65 U	0.5 U	0.65 U	0.5 U	0.34 U	0.65 U [0.65 U]	0.5 U
Trichloroethene	ug/L	0.41 I	0.92 J [0.86 J]	2.9	0.28 U	0.71 U	0.5 U	0.71 UJ	0.5 U	0.28 U	0.71 UJ [0.71 UJ]	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		MW-243 LSAS 04/06/06	MW-243 LSAS 12/12/06	MW-243 LSAS 01/29/08	MW-244 AF Gravel 04/06/06	MW-244 AF Gravel 12/12/06	MW-244 AF Gravel 01/29/08	MW-245 Hardstreak Clay 04/06/06	MW-245 Hardstreak Clay 12/14/06	MW-245 Hardstreak Clay 01/29/08
Semivolatile Organics										
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)										
1,4-Dioxane	ug/L	1 U	NA	NA	1.1 U	NA	NA	1 U	NA	NA
Volatile Organics (8260B) - SIM										
1,4-Dioxane	ug/L	NA	R	NA	NA	R	NA	NA	R	NA
Volatile Organics (8260) - SIM Isotope Dilution										
1,4-Dioxane	ug/L	NA	0.76 U	1 U	NA	0.8 I	1 U	NA	0.76 U	1 U
Volatile Organics (8260B)										
1,4-Dioxane	ug/L	NA	R	NA	NA	R	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.52 U	0.6 U	0.52 U	0.52 U	0.6 U	0.52 U	0.52 U	0.6 U	0.52 U
1,1-Dichloroethene	ug/L	0.45 U	0.83 U	0.44 U	0.45 U	0.83 U	0.44 U	0.45 U	0.83 U	0.44 U
cis-1,2-Dichloroethene	ug/L	0.65 U	0.75 U	0.64 U	0.65 U	0.75 U	0.64 U	0.65 U	0.75 UJ	0.64 U
Tetrachloroethene	ug/L	0.34 U	0.65 U	0.5 U	0.34 U	0.65 U	0.5 U	0.34 U	0.65 U	0.5 U
Trichloroethene	ug/L	0.28 U	0.71 UJ	0.5 U	0.28 U	0.71 UJ	0.5 U	0.28 U	0.71 UJ	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID:		MW-246	MW-246	MW-246	MW-247	MW-247	MW-247	MW-248	MW-248	MW-248	MW-248
Zone:		LSAS	LSAS	LSAS	AF Gravel	AF Gravel	AF Gravel	AF Gravel	AF Gravel	AF Gravel	AF Gravel
Date Collected:		04/06/06	12/14/06	01/29/08	04/06/06	12/14/06	01/29/08	04/07/06	04/11/06	12/18/06	01/28/08
Semivolatile Organics											
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)											
1,4-Dioxane	ug/L	1 U	NA	NA	1.1 U	NA	NA	1.2 U	1 U	NA	NA
Volatile Organics (8260B) - SIM											
1,4-Dioxane	ug/L	NA	R	NA	NA	R	NA	NA	NA	R	NA
Volatile Organics (8260) - SIM Isotope Dilution											
1,4-Dioxane	ug/L	NA	0.76 U	1 U	NA	0.76 U	1 U [1 U]	NA	NA	0.76 U	12 J [1 UJ]
Volatile Organics (8260B)											
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.52 U	0.6 U	0.52 U	0.52 U	0.6 U	0.52 U [0.52 U]	0.52 U	0.52 U	0.6 U	1.1 [0.52 U]
1,1-Dichloroethene	ug/L	0.45 U	0.83 U	0.44 U	0.45 U	0.83 U	0.44 U [0.44 U]	0.45 U	0.45 U	0.83 U	0.68 I [0.45 U]
cis-1,2-Dichloroethene	ug/L	0.65 U	0.75 UJ	0.64 U	0.65 U	0.75 UJ	0.64 U [0.64 U]	0.65 U	0.65 U	0.75 U	0.65 U [0.65 U]
Tetrachloroethene	ug/L	0.34 U	0.65 U	0.5 U	0.34 U	0.65 U	0.5 U [0.5 U]	0.34 U	0.34 U	0.65 U	0.5 U [0.5 U]
Trichloroethene	ug/L	0.28 U	0.71 UJ	0.5 U	0.28 U	0.71 UJ	0.5 U [0.5 U]	0.28 U	0.28 U	0.71 U	0.5 U [0.5 U]

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: Zone: Date Collected:		MW-249 AF Gravel 02/16/07	MW-249 AF Gravel 01/31/08	MW-250 AF Gravel 02/16/07	MW-250 AF Gravel 01/31/08	MW-251 Floridan 04/23/07	MW-251 Floridan 01/30/08	MW-252 S&P Sand 01/31/08	MW-253 AF Gravel 02/01/08	MW-254 (MW-BT-1) USAS 02/01/08
Semivolatile Organics										
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)										
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260B) - SIM										
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution										
1,4-Dioxane	ug/L	0.76 U	1 U	0.76 U [4.4]	15	0.69 U	1 U	1 U	350	10 U
Volatile Organics (8260B)										
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.6 U	0.52 U	0.6 U [0.6 U]	0.52 U	0.6 U	0.52 U	0.52 U	75	6 I
1,1-Dichloroethene	ug/L	0.83 U	0.45 U	0.83 U [0.83 U]	0.45 U	0.83 U	0.45 U	0.45 U	400 D	37
cis-1,2-Dichloroethene	ug/L	0.75 U	0.65 U	0.75 U [0.75 U]	0.65 U	0.75 U	0.65 U	0.65 U	130	6.5 U
Tetrachloroethene	ug/L	0.65 U	0.5 U	0.65 U [0.65 U]	0.5 U	0.65 U	0.5 U	0.5 U	5.4	11,000 D
Trichloroethene	ug/L	0.71 U	0.5 U	0.71 U [0.71 U]	0.5 U	0.71 U	0.5 U	0.5 U	6,200 D	760

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:		PZ-LSAS-1 LSAS 01/31/08	PZ-LSAS-2 LSAS 01/31/08	PZ-LSAS-3 LSAS 01/31/08	PZ-LSAS-4 LSAS 01/31/08	PZ-LSAS-5 LSAS 01/31/08	PZ-LSAS-6 LSAS 01/31/08	PZ-LSAS-7 LSAS 01/31/08	RW-1 USAS 12/05/06	RW-1 USAS 02/01/08	RW-2 USAS 12/05/06	RW-2 USAS 01/24/08
Semivolatile Organics												
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)												
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260B) - SIM												
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	R	NA	R	NA
Volatile Organics (8260) - SIM Isotope Dilution												
1,4-Dioxane	ug/L	660 EJ	580 DJ	100	600 DJ	380 J	350 J	50 UJ	0.76 U	1 U	0.76 U	1 U
Volatile Organics (8260B)												
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	3.3	18	11	8.8	18	33	49	0.6 U	2	6.9	4.1
1,1-Dichloroethene	ug/L	48	77	37	100	110	150	65	0.83 U	0.45 U	1.2	0.56 I
cis-1,2-Dichloroethene	ug/L	120	680 EJ	56	730 EJ	690 EJ	510 EJ	480 EJ	0.75 UJ	0.65 U	4.5	15
Tetrachloroethene	ug/L	0.5 U	1.7	13	0.5 U	0.5 U	3.1	6.3	0.65 U	0.5 U	72	21
Trichloroethene	ug/L	310 EJ	1,000 EJ	2,500 EJ	4,100 EJ	3,400 DJ	8,900 DJ	2,300 DJ	0.71 U	1.5	17	9.7

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: Zone: Date Collected:		TW-84-A USAS 10/12/07	TW-84-A USAS 01/29/08	TW-84-B USAS 10/12/07	TW-84-B USAS 01/29/08
Semivolatile Organics					
1,4-Dioxane	ug/L	NA	NA	NA	NA
Semivolatile Organics (8270C)					
1,4-Dioxane	ug/L	NA	NA	NA	NA
Volatile Organics (8260B) - SIM					
1,4-Dioxane	ug/L	NA	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution					
1,4-Dioxane	ug/L	NA	1 U	NA	1 U
Volatile Organics (8260B)					
1,4-Dioxane	ug/L	1 U	NA	1 U	NA
1,1-Dichloroethane	ug/L	0.52 U	0.52 U	0.52 U	0.52 U
1,1-Dichloroethene	ug/L	0.45 U	0.44 U	0.45 U	0.44 U
cis-1,2-Dichloroethene	ug/L	0.65 U	0.64 U	0.65 U	0.64 U
Tetrachloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: Zone: Date Collected:	Units	EXU-1 (EW-101) USAS 01/30/08	EXU-1 (EW-101) USAS 02/05/08	EXU-1 (EW-101) USAS 02/12/08	EXU-1 (EW-101) USAS 02/19/08	EXU-1 (EW-101) USAS 02/26/08
Semivolatile Organics						
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)						
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA
Volatile Organics (8260B) - SIM						
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution						
1,4-Dioxane	ug/L	1 U	15	27	44	32
Volatile Organics (8260B)						
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	3.7	11	19	25	25
1,1-Dichloroethene	ug/L	3.2	9.7	27	37	41
cis-1,2-Dichloroethene	ug/L	14	16	35	47	42
Tetrachloroethene	ug/L	7.3	4.4	8.3	6.8	7.9 I
Trichloroethene	ug/L	140	530	940	1,400	1,500

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: Zone: Date Collected:	Units	EW-102 LSAS 01/31/08	EW-102 LSAS 02/05/08	EW-102 LSAS 02/12/08	EW-102 LSAS 02/19/08	EW-102 LSAS 02/26/08
Semivolatile Organics						
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)						
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA
Volatile Organics (8260B) - SIM						
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution						
1,4-Dioxane	ug/L	120 DJ	84	43	48	66
Volatile Organics (8260B)						
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	6.3	4.3	3.7	4.9	7.1
1,1-Dichloroethene	ug/L	55	58	57	67	78
cis-1,2-Dichloroethene	ug/L	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U
Tetrachloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	ug/L	1.8 U	0.5 U	0.5 U	0.5 U	0.57 I

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: Zone: Date Collected:	Units	EW-103 USAS 09/20/06	EW-103 USAS 11/21/06	EW-103 USAS 12/06/06	EW-103 USAS 12/13/06	EW-103 USAS 01/15/07	EW-103 USAS 02/07/07	EW-103 USAS 03/22/07	EW-103 USAS 04/18/07
Semivolatile Organics									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)									
1,4-Dioxane	ug/L	2.3 I	1.9 I	10 U	NA	NA	NA	NA	NA
Volatile Organics (8260B) - SIM									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution									
1,4-Dioxane	ug/L	NA	NA	NA	4.6	10	11 J	0.76 U	5.1
Volatile Organics (8260B)									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	41	50	37	53	41	49	15	61
1,1-Dichloroethene	ug/L	9.1	4.5 U	4.5 U	19	14	17	3.1	12
cis-1,2-Dichloroethene	ug/L	42	22	21	14	18	34	30	21
Tetrachloroethene	ug/L	3.1	5 U	5 U	6	6 J	6.5 U	1.5	6.5 U
Trichloroethene	ug/L	950 D	480	450	750 D	870	610	110	470

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: Zone: Date Collected:	Units	EW-103 USAS 05/21/07	EW-103 USAS 06/20/07	EW-103 USAS 07/16/07	EW-103 USAS 08/16/07	EW-103 USAS 09/26/07	EW-103 USAS 10/24/07	EW-103 USAS 11/08/07	EW-103 USAS 01/30/08
Semivolatile Organics									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260B) - SIM									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution									
1,4-Dioxane	ug/L	9.3	8	5.5	5.9	5.2	3.8	4.5	1 U
Volatile Organics (8260B)									
1,4-Dioxane	ug/L	NA	NA	NA	R	NA	R	NA	NA
1,1-Dichloroethane	ug/L	53	80	64	35	38	39	34	18
1,1-Dichloroethene	ug/L	12	19	13	8.4	6.4	9.4	12	4.2
cis-1,2-Dichloroethene	ug/L	23	27	13	9.6	11	14	14	14
Tetrachloroethene	ug/L	7.1	6.6	3.2 U	3.2 U	2.4 U	3.2 U	4.2 I	1
Trichloroethene	ug/L	680	690 J	420	330	330	340	470	31

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: Zone: Date Collected:	Units	EW-104 LSAS 09/20/06	EW-104 LSAS 11/21/06	EW-104 LSAS 12/06/06	EW-104 LSAS 12/13/06	EW-104 LSAS 01/15/07	EW-104 LSAS 02/07/07	EW-104 LSAS 03/22/07	EW-104 LSAS 04/18/07
Semivolatile Organics									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)									
1,4-Dioxane	ug/L	110	120	150	NA	NA	NA	NA	NA
Volatile Organics (8260B) - SIM									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution									
1,4-Dioxane	ug/L	NA	NA	NA	300 J	360	300	250	260
Volatile Organics (8260B)									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	54	150	49 I	70	48	54	35 I	65
1,1-Dichloroethene	ug/L	130	71	130	200 D	190	180	150	170
cis-1,2-Dichloroethene	ug/L	170	180	160	120	98	140	120	180
Tetrachloroethene	ug/L	13 U	25 U	25 U	33	28 J	16 U	32 U	19 I
Trichloroethene	ug/L	3,900 D	3,600	3,600	3,900 D	3,900	2,600	2,800	3,500

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: Zone: Date Collected:	Units	EW-104 LSAS 05/21/07	EW-104 LSAS 06/20/07	EW-104 LSAS 07/16/07	EW-104 LSAS 08/16/07	EW-104 LSAS 09/26/07	EW-104 LSAS 10/24/07	EW-104 LSAS 11/08/07	EW-104 LSAS 01/30/08
Semivolatile Organics									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260B) - SIM									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution									
1,4-Dioxane	ug/L	260	250	200	290	340	250	280	25
Volatile Organics (8260B)									
1,4-Dioxane	ug/L	NA	NA	NA	R	NA	R	NA	NA
1,1-Dichloroethane	ug/L	51	64	56	50	50	52	39	49
1,1-Dichloroethene	ug/L	140	200	230	280	140	140	170	14
cis-1,2-Dichloroethene	ug/L	92	110	100	87	81	99	80	71
Tetrachloroethene	ug/L	32 U	27	13 U	13 U	12 U	13 I	19 I	4.9
Trichloroethene	ug/L	2,300	3,100	3,100	2,700	2,100	2,100	2,600	1,000 EJ

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: / Zone: / Date Collected:	Units	EW-105 USAS 09/20/06	EW-105 USAS 11/21/06	EW-105 USAS 12/06/06	EW-105 USAS 12/13/06	EW-105 USAS 01/15/07	EW-105 USAS 02/07/07	EW-105 USAS 03/22/07	EW-105 USAS 04/18/07
Semivolatile Organics									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)									
1,4-Dioxane	ug/L	1 U	1.3 I	10 U	NA	NA	NA	NA	NA
Volatile Organics (8260B) - SIM									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution									
1,4-Dioxane	ug/L	NA	NA	NA	22 J	55	47 J	56	63
Volatile Organics (8260B)									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	4.1	7.4	6	11	11 J	20	14 I	25 I
1,1-Dichloroethene	ug/L	9.3	6.6	0.9 U	39	39 J	55	48	65
cis-1,2-Dichloroethene	ug/L	13	15	24	23	44 J	100	63	88
Tetrachloroethene	ug/L	1.7 I	7.7	2 I	5	6.5 UJ	6.5 U	13 U	16 U
Trichloroethene	ug/L	240	180	450 D	1,000 D	2,000 J	2,900 DJ	1,900	2,500

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: Zone: Date Collected:	Units	EW-105 USAS 05/21/07	EW-105 USAS 06/20/07	EW-105 USAS 07/16/07	EW-105 USAS 08/16/07	EW-105 USAS 09/26/07	EW-105 USAS 10/24/07	EW-105 USAS 11/08/07	EW-105 USAS 01/30/08
Semivolatile Organics									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260B) - SIM									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution									
1,4-Dioxane	ug/L	50	61 J	17	32	46 J	33	50	3.9
Volatile Organics (8260B)									
1,4-Dioxane	ug/L	NA	NA	NA	R	NA	R	NA	NA
1,1-Dichloroethane	ug/L	25	31	12 U	12 U	21	16	16	1.3
1,1-Dichloroethene	ug/L	63	70	27	36	34	28	42	1.3
cis-1,2-Dichloroethene	ug/L	56	51	15 U	15 U	30	26	24	1.4
Tetrachloroethene	ug/L	27	46	13 U	16 I	79	35	110	0.79 I
Trichloroethene	ug/L	2,200	2,000	710	930	1,200 D	800	1,200	19

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: Zone: Date Collected:	Units	EW-106 LSAS 09/20/06	EW-106 LSAS 11/21/06	EW-106 LSAS 12/06/06	EW-106 LSAS 12/13/06	EW-106 LSAS 01/15/07	EW-106 LSAS 02/07/07	EW-106 LSAS 03/22/07	EW-106 LSAS 04/18/07	EW-106 LSAS 05/21/07
Semivolatile Organics										
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)										
1,4-Dioxane	ug/L	130	150	130	NA	NA	NA	NA	NA	NA
Volatile Organics (8260B) - SIM										
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution										
1,4-Dioxane	ug/L	NA	NA	NA	540 J	630	620 J	580	510	490
Volatile Organics (8260B)										
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	77 I	52 U	52 U	96	60 U	110	64 I	100	92 I
1,1-Dichloroethene	ug/L	330	180	210	560 D	480	460	350	410	360
cis-1,2-Dichloroethene	ug/L	1,200	870	1,100	100 D	380	320	250	390	220
Tetrachloroethene	ug/L	50 U	50 U	50 U	9.3	65 U	65 U	65 U	32 U	65 U
Trichloroethene	ug/L	8,900	8,100	12,000	12,000 D	12,000	6,400	7,000	8,600	8,200

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: Zone: Date Collected:	Units	EW-106 LSAS 06/20/07	EW-106 LSAS 07/16/07	EW-106 LSAS 08/16/07	EW-106 LSAS 09/26/07	EW-106 LSAS 10/24/07	EW-106 LSAS 08/16/07	EW-106 LSAS 10/24/07	EW-106 LSAS 11/08/07	EW-106 LSAS 01/30/08
Semivolatile Organics										
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)										
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260B) - SIM										
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution										
1,4-Dioxane	ug/L	540	460	650	650	610	NA	NA	610	20
Volatile Organics (8260B)										
1,4-Dioxane	ug/L	NA	NA	R	NA	R	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	90 I	110	74	72 I	93	NA	NA	62	24
1,1-Dichloroethene	ug/L	430	760	650	350	NA	NA	420	380	43
cis-1,2-Dichloroethene	ug/L	180	240	120	110	NA	NA	150	160	580 EJ
Tetrachloroethene	ug/L	65 U	32 U	32 U	47 U	NA	NA	130	310	26
Trichloroethene	ug/L	7,500	10,000	9,500	9,900	NA	NA	7,800	11,000 D	1,500 EJ

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: Zone: Date Collected:	Units	EW-107 USAS 01/31/08	EW-107 USAS 02/05/08	EW-107 USAS 02/12/08	EW-107 USAS 02/19/08	EXL-1 (EW-108) LSAS 01/31/08	EXL-1 (EW-108) LSAS 02/05/08	EXL-1 (EW-108) LSAS 02/12/08	EXL-1 (EW-108) LSAS 02/19/08	EXL-1 (EW-108) LSAS 02/26/08
Semivolatile Organics										
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)										
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260B) - SIM										
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution										
1,4-Dioxane	ug/L	1 UJ [1 U]	3.5	3.2	9.8	540 J	920	680 V	690	660
Volatile Organics (8260B)										
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	52 U [0.52	0.97 I	2	3.4	46	180	130	120	96
1,1-Dichloroethene	ug/L	45 U [0.45	1.2	2.8	5.5	140	990	670	630	470
cis-1,2-Dichloroethene	ug/L	65 U [0.65	0.65 U	0.65 U	2	930 EJ	39	34	32	29
Tetrachloroethene	ug/L	.5 U [0.5 U	0.99 I	4.5	6.4	0.5 U	6	14	13	20 I
Trichloroethene	ug/L	6.1 [4.2]	28	64	140	78	730	470	530	610

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: Zone: Date Collected:	Units	EW-109 USAS 09/20/06	EW-109 USAS 11/21/06	EW-109 USAS 12/06/06	EW-109 USAS 12/13/06	EW-109 USAS 01/15/07	EW-109 USAS 02/07/07	EW-109 USAS 03/22/07	EW-109 USAS 04/18/07
Semivolatile Organics									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260B) - SIM									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution									
1,4-Dioxane	ug/L	NA	NA	NA	13	11	14	0.76 U	0.87 I
Volatile Organics (8260B)									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	6.4	16	18	12	12	14	2.9	0.6 U
1,1-Dichloroethene	ug/L	9.7	24	30	32	25	33	5.5	0.83 U
cis-1,2-Dichloroethene	ug/L	1.4	2.9	3.2	1.3	1.7	1.7	0.75 U	0.75 U
Tetrachloroethene	ug/L	0.95 I	4.6	1.4	1.1	2.1 J	0.66 I	0.85 I	0.65 U
Trichloroethene	ug/L	3.1	7.9	7.4	35	6.8	5.8	1.8	0.71 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: Zone: Date Collected:	Units	EW-109 USAS 05/21/07	EW-109 USAS 06/20/07	EW-109 USAS 07/16/07	EW-109 USAS 08/16/07	EW-109 USAS 09/26/07	EW-109 USAS 10/24/07	EW-109 USAS 11/08/07	EW-109 USAS 01/30/08
Semivolatile Organics									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260B) - SIM									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution									
1,4-Dioxane	ug/L	1.7 I	1.5 I	0.69 U	1.2 I	0.84 I	0.69 U	0.69 U	1 U
Volatile Organics (8260B)									
1,4-Dioxane	ug/L	NA	NA	NA	R	NA	R	NA	NA
1,1-Dichloroethane	ug/L	3.4	0.82 I	0.77 I	0.98 I	0.28 U	0.7 I	0.28 U	0.52 U
1,1-Dichloroethene	ug/L	4.6	0.99 I	1.3	3.1	0.41 I	1.4	0.4 U	0.45 U
cis-1,2-Dichloroethene	ug/L	0.75 U	0.75 U	0.75 U	0.75 U	0.18 U	0.75 U	0.18 U	0.65 U
Tetrachloroethene	ug/L	1.3	0.65 U	0.65 U	0.65 U	0.47 U	0.65 U	0.47 U	0.5 U
Trichloroethene	ug/L	1.7	0.71 U	0.71 U	0.71 U	0.26 U	0.71 U	0.26 U	0.5 U

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: Zone: Date Collected:	Units	EW-110 LSAS 09/20/06	EW-110 LSAS 11/21/06	EW-110 LSAS 12/06/06	EW-110 LSAS 12/13/06	EW-110 LSAS 01/15/07	EW-110 LSAS 02/07/07	EW-110 LSAS 03/22/07	EW-110 LSAS 04/18/07
Semivolatile Organics									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260B) - SIM									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution									
1,4-Dioxane	ug/L	NA	NA	NA	360	380	260	190	230
Volatile Organics (8260B)									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	310 D	260	340	340 D	270	290	120	270
1,1-Dichloroethene	ug/L	720 D	650	870	1,300 D	1,100	910	470	850
cis-1,2-Dichloroethene	ug/L	36	24	22	18	16 I	22	15	20
Tetrachloroethene	ug/L	11	5 U	10	32	27 J	14 I	19	15
Trichloroethene	ug/L	120	79	89	140	210	73	68	110

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Location ID: Zone: Date Collected:	Units	EW-110 LSAS 05/21/07	EW-110 LSAS 06/20/07	EW-110 LSAS 07/16/07	EW-110 LSAS 08/16/07	EW-110 LSAS 09/26/07	EW-110 LSAS 10/24/07	EW-110 LSAS 11/08/07	EW-110 LSAS 01/30/08	EW-UAFG-1 AF Gravel 02/01/08
Semivolatile Organics										
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)										
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260B) - SIM										
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution										
1,4-Dioxane	ug/L	270	200 J	120	180	200	190	290	27	200
Volatile Organics (8260B)										
1,4-Dioxane	ug/L	NA	NA	NA	R	NA	R	NA	NA	NA
1,1-Dichloroethane	ug/L	250	160	280	200	150	150	120	28	34
1,1-Dichloroethene	ug/L	760	510	990 D	980	390	430	570	68	250 D
cis-1,2-Dichloroethene	ug/L	16	10	11	8.6	8.6 I	12	11	5.4	3,000 D
Tetrachloroethene	ug/L	28	17	9.8	9.6	8.9 I	13	21	4	0.5 U
Trichloroethene	ug/L	130	70	94	84	69	83	120	73	19

APPENDIX D-2
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Notes:
AF Gravel = Arcadian Formation Gravels.
LSAS = Lower Shallow Aquifer System.
Lower AF = Lower Arcadia Formation.
S&P Sand = Salt & Pepper sands.
USAS = Upper Surficial Aquifer System.
ug/L = micrograms per liter.
D = The value is the result of a secondary dilution.
E = Sample result is greater than calibration range
I = Detected but below reporting limit. Result is an estimated concentration.
J = Estimated value.
L = Estimated value, biased low.
Q = Sample held beyond accepted holding time.
R = Rejected.
U = The analyte was analyzed for, but not detected.
UJ = The analyte was analyzed for, but not detected. The reporting limit is an estimated value.
V = Indicates the analyte was detected in both the sample and the associated method blank.
[ ] = Duplicate sample result.

APPENDIX D-3
PRIVATE WELL DETAILS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Map Well ID	Property Address	Owner's Name	Alt ID [1]	Well Usage [2]	Closure Status [3]	Closure Date	Total Depth (feet) [4]	Casing Diameter (inches)	Zone
1	7620 15TH ST E	NA	NA	Former Monitoring	Closed	Unknown	NA	NA	AF Gravel
2	7300 15TH ST E	Nathan Benderson	NA	Former Monitoring	Closed	Unknown	NA	NA	AF Gravel
3	1306 ROME AVE	Theodoor Vreuls	79	Former Irrigation	Closed	4/11/2006	460	NA	AF Gravel
4	1309 HARDIN AVE	Stephen Crowe	70	Former Potable	Closed	5/3/2006	139	NA	AF Gravel
5	1227/1231 HARDIN AVE	NA	69	Former Monitoring	Closed	Unknown	NA	NA	AF Gravel
6	7580 15TH ST E	Revco Properties LLC	NA	Current Monitoring	Open	NA	15	2"	USAS
7	7561/7571 15TH ST E	Dr. W. G. Thomas (Animal Hospital)	7/8	Current Potable	Open	NA	150	NA	AF Gravel
8	7602 16TH ST CT E	Pinkney Hall	24	Former Irrigation	Closed	Unknown	NA	NA	AF Gravel
9	7604/7608 16TH ST E	Willie Robinson	16/17	Former Potable	Closed	Unknown	74.5	NA	LSAS
10	7609 16TH ST E	Robert Smith	18	Former Potable	Closed	10/13/1992	18	NA	USAS
11	7616 16TH ST E	Marvin Washington	20	Former Potable	Closed	7/21/2006	98	NA	AF Gravel
12	7620 16TH ST E	Dorothy Mazon	21	Former Irrigation	Closed	7/25/2006	22	NA	USAS
13	7624 16TH ST E	Eugene Sloan	23	Former Irrigation	Closed	7/25/2006	91	NA	LSAS
14,16	1507 TALLEVAST RD	Frank Williams	83/100	Former Irrigation	Closed	3/6/2006	85	NA	LSAS
15	7671 15TH ST E	Quick Stop, Inc.	NA	Current Monitoring	Open	NA	20	2"	USAS
17	7621 16TH ST E	Beatrice Graydon	22	Former Potable	Closed	7/21/2006	233	NA	AF Gravel
18	1615 TALLEVAST RD	Mount Tabor Missionary	86	Former Irrigation	Closed	7/21/2006	119	NA	AF Gravel*
19	7605 17TH ST E	Flora Jean Bryant	25	Former Irrigation	Closed	7/24/2006	65	NA	LSAS*
20	1709 76TH AVE DR E	Flora Jean Bryant	61	Former Irrigation	Closed	Unknown	NA	NA	AF Gravel
21	1710/1714 76TH AVE DR E	Fred Bryant	62	Former Irrigation	Closed	7/24/2006	65	NA	LSAS
22	7619 17TH ST E	Ernestine Rowe	26	Former Irrigation	Closed	7/24/2006	26	NA	USAS
23	7623 17TH ST E	James Moore	27	Former Irrigation	Closed	7/13/2006	27	NA	USAS
24	1712 TALLEVAST RD	Wyman Pitts	87	Former Irrigation	Closed	7/18/2006	32	NA	USAS
25	7515 18TH ST E	Bennie Tooley	32	Former Potable	Closed	7/20/2006	23	NA	USAS
26	7519 18TH ST E	Mrs. Essie Sims	33	Former Potable	Closed	7/26/2006	171	NA	AF Gravel
27	7609 18TH ST E	Joel Carsten McNair	34/99	Former Potable	Closed	3/3/2006	154	NA	AF Gravel
28	7611 18TH ST E	Joel Carsten McNair	36	Former Potable	Closed	4/10/2006	116	NA	AF Gravel
29	7615 18TH ST E	Sylvester Brown	37	Former Potable	Closed	2/16/2006	65	NA	LSAS
30	7619 18TH ST E	Annie Mae Bryant	38	Former Potable	Closed	4/10/2006	105	NA	AF Gravel
31	1811 TALLEVAST RD	Joseph Bryant	90	Former Potable	Closed	7/18/2006	77	NA	LSAS
32	7624 19TH ST E	Willy McKnight	39	Former Potable	Closed	7/20/2006	114	NA	AF Gravel
33	7600 19TH ST E	Michael Wesley	40	Former Irrigation	Closed	7/25/2006	140	NA	AF Gravel
34	7603 19TH ST E	Calvin Sloan / Louise Sloan	41	Former Potable	Closed	5/11/2006	130	NA	AF Gravel*
35	1911/1913 TALLEVAST RD	Est. of John Stanley	93	Former Potable	Closed	1/16/2007	66	NA	LSAS
36	1955 TALLEVAST RD	Cliff Heathington	94	Former Irrigation	Closed	7/26/2006	33	NA	LSAS
37	2003 TALLEVAST RD	Lillian Granderson	95	Former Potable	Closed	12/10/2006	114	NA	AF Gravel
38	2105 TALLEVAST RD	Heidi Boothe	96	Current Irrigation	Open	NA	NA	NA	AF Gravel
39	1812 TALLEVAST RD	C Billy Ward	91	Former Irrigation	Closed	7/25/2006	74	NA	LSAS*
40	1808 TALLEVAST RD	Arthur Bryant / Mary Montgomery	89	Former Irrigation	Closed	11/28/2006	75	NA	LSAS
41	1864 TALLEVAST RD	Clifford Ward	92	Former Potable	Closed	7/20/2006	127	NA	LSAS
42	1804 TALLEVAST RD	Delores Williams	88	Former Potable	Closed	7/26/2006	213	NA	AF Gravel
43	7715 17TH ST CT E	Lewis Pryor	29	Former Irrigation	Closed	7/24/2006	110	NA	LSAS
44	7716 17TH ST CT E	Lizzie Davis	30	Former Potable	Closed	7/17/2006	30	NA	LSAS
45	7813 17TH ST CT E	Tim H Wallace	31	Former Irrigation	Closed	7/24/2006	15	NA	USAS*
46	7819 17TH ST E	Guirlene Duvignaud	28	Former Irrigation	Closed	7/24/2006	15	NA	USAS
47	7851 15TH ST E	Sarasota-Manatee Airport Authority (SRQ)	12	Current Irrigation	Open	NA	480	NA	Floridan
48	7741 15TH ST E	Sarasota-Manatee Airport Authority (SRQ)	11	Former Irrigation	Closed	11/16/2000	407	NA	Floridan*
49	7715 15TH ST E	Whogas Inc	10	Current Irrigation	Open	NA	460	4"	AF Gravel*
50	1234 CLYDE JONES RD	Sarasota-Manatee Airport Authority (SRQ)	68	Former Monitoring	Closed	Unknown	NA	NA	USAS
51	7850 15TH ST E	NA	NA	Former Monitoring	Closed	Unknown	NA	NA	AF Gravel
52	7881 15TH ST E	Sarasota-Manatee Airport Authority (SRQ)	NA	Current Monitoring	Open	NA	12	2"	USAS
53	8011 15TH ST E	Innovation Marine	13/73	Current Irrigation	Open	NA	375	NA	Floridan
54	8061 15TH ST E	NA	NA	Former Monitoring	Closed	Unknown	NA	NA	AF Gravel
55	7350 26TH CT E	NA	52	Current Monitoring	Open	NA	15	NA	USAS
56	7455 16TH ST E	Mader Electric Inc	15	Current Irrigation	Open	NA	NA	NA	AF Gravel
57	7500 26TH CT E	NA	53	Current Irrigation	Open	NA	440	NA	Floridan
58	7501 15TH ST	Goodwill Ind-Manasota, Inc	6	Former Irrigation	Closed	Unknown	NA	NA	AF Gravel
59	7524 COMMERCE PLACE	Chris Wentzell	65	Current Irrigation	Open	NA	NA	NA	AF Gravel
60	7575 COMMERCE CT	Commerce Court LLC	66	Current Irrigation	Open	NA	NA	NA	AF Gravel
61	7602 17TH ST E	Mount Tabor Missionary	NA	Former Irrigation	Closed	7/27/2006	120	NA	AF Gravel*
62	7603 18TH ST E	Joel Carsten McNair	35	Former Potable	Closed	Unknown	NA	NA	AF Gravel
63	1012 PONDEROSA PINE LANE	Janette Marie Girard	78	Current Irrigation	Open	NA	NA	NA	AF Gravel
64	1107 TALLEVAST RD	NA	81	Current Irrigation	Open	NA	NA	NA	AF Gravel
65	1201 TALLEVAST RD	NA	82	Current Irrigation	Open	NA	NA	NA	AF Gravel
66	1305 HARDIN AVE	NA	70	Former Potable	Closed	7/17/2006	120	NA	AF Gravel
67	1375 HARDIN AVE	Eric Woolley	71	Former Potable	Closed	Unknown	NA	NA	AF Gravel
68	1401 COMMERCE BLVD	Studio 21 Lighting Inc	67	Former Irrigation	Closed	Unknown	NA	NA	AF Gravel
69	1403 HARDIN AVE	Revco Properties LLC	72	Former Potable	Closed	Unknown	NA	NA	AF Gravel
70	1600 TALLEVAST RD	NA	NA	Former Irrigation	Closed	12/1/2006	178	NA	AF Gravel
71	1607 TALLEVAST RD	Vanessa Peterson	85	Former Irrigation	Closed	Unknown	NA	NA	AF Gravel
72	1611 TALLEVAST RD	NA	NA	Former Irrigation	Closed	11/29/2006	90	NA	AFG
73	1619 TALLEVAST RD	Clifford Ward	NA	Former Potable	Closed	7/21/2006	119	NA	AF Gravel
74	1701 BIOTECH WAY	HQ Properties, Inc	64	Current Irrigation	Open	NA	NA	NA	AF Gravel
75	1715 TALLEVAST RD	Ulysses Ward	NA	Former Irrigation	Closed	12/1/2006	84.2	NA	LSAS
76	1790 TALLEVAST RD	Dexter Baldwin	NA	Former Irrigation	Closed	12/13/2006	49	NA	LSAS
77	1807 TALLEVAST RD	Bryant Chapel	NA	Former Irrigation	Closed	11/28/2006	41	NA	USAS
78	1905 72ND DR E	Glasshouse LLC	55	Current Irrigation	Open	NA	120	NA	AF Gravel
79	1915 72ND DR E	Richard Bouck	56	Current Irrigation	Open	NA	125	NA	AF Gravel
80	2217 72ND AVE E	Rucha LLC	58	Current Irrigation	Open	NA	125	NA	AF Gravel
81	2227 72ND AVE E	Keith Goldstein	59	Current Irrigation	Open	NA	120	NA	AF Gravel
82	2305 72ND AVE E	Gap Properties of SW Florida-1 Inc	60	Current Irrigation	Open	NA	125	NA	AF Gravel

APPENDIX D-3
PRIVATE WELL DETAILS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Map Well ID	Property Address	Owner's Name	Alt ID [1]	Well Usage [2]	Closure Status [3]	Closure Date	Total Depth (feet) [4]	Casing Diameter (inches)	Zone
83	2337 72ND DR E	Clara Gingerich	57	Current Irrigation	Open	NA	130	NA	AF Gravel
84	2400 TALLEVAST RD	Walter Schmidt (owner not listed on permits)	NA	Current Irrigation	Open	NA	NA	NA	AF Gravel
85	2411 TALLEVAST RD	Covered Bride Holdings II LLC	98	Current Irrigation	Open	NA	NA	NA	AF Gravel
86	7061 15TH ST E	Genmar Ind Inc	1	Current Irrigation	Open	NA	NA	NA	AF Gravel
87	7116 24TH CT E	NA	49	Current Irrigation	Open	NA	120	NA	AF Gravel
88	7126 24TH CT E	NA	51	Current Irrigation	Open	NA	120	NA	AF Gravel
89	7175 21ST ST E	Florida Loaders Enterprises, Inc.	42	Current Irrigation	Open	NA	109	NA	AF Gravel*
90	7198 21ST ST E	NA	NA	Current Irrigation	Open	NA	NA	NA	AF Gravel
91	7205/7207 21ST ST E	McLeod Land Services inc	44	Current Irrigation	Open	NA	NA	NA	AF Gravel
92	7212 24TH CT E	Osborne Enterprises LLC	48	Current Irrigation	Open	NA	120	NA	AF Gravel
93	7216 21ST ST E	Florida Loaders Enterprises, Inc.	46	Current Irrigation	Open	NA	125	NA	AF Gravel
94	7220 24TH CT E	In Tandem Inc	50	Current Irrigation	Open	NA	120	NA	AF Gravel
95	7230 15TH ST E	Schmitt Family Partnership	4	Current Irrigation	Open	NA	NA	NA	AF Gravel
96	7245 21ST ST E	K E B Holdings LLC	47	Current Irrigation	Open	NA	NA	NA	AF Gravel
97	7260 15TH ST E	Mader Electric Inc	5	Current Irrigation	Open	NA	NA	NA	AF Gravel
98	7519 18TH ST E (East Well)	Essie Mae Sims	NA	Current Potable	Open	NA	NA	NA	AF Gravel
99	7606 16TH ST CT E	Robert Smith	NA	Former Irrigation	Closed	11/29/2006	150.5	NA	AF Gravel
100	7630 MATOAKA RD	NA	101	Current Irrigation	Open	NA	NA	NA	AF Gravel
101	7845 27TH ST E	Lucien Levy	54	Current Irrigation	Open	NA	NA	NA	AF Gravel
102	8005 15TH ST E	NA	NA	Current irrigation	Open	NA	NA	NA	AF Gravel
103	8155 27TH ST E	NA	102	Current Irrigation	Open	NA	NA	NA	AF Gravel
104	8161 15TH ST E	CC Property Acquisition LLC	14	Current Irrigation	Open	NA	NA	NA	USAS
105	904 PONDEROSA PINE LANE	Richard Cashman	75	Current Irrigation	Open	NA	NA	NA	AF Gravel
106	905 PONDEROSA PINE LANE	Richard Cashman	76	Current Irrigation	Open	NA	NA	NA	AF Gravel
107	911 SOUTHERN PINE LANE	NA	80	Current Irrigation	Open	NA	NA	NA	AF Gravel
108	916 PONDEROSA PINE LANE	John Beghtel	77	Former Irrigation	Closed	Unknown	NA	NA	AF Gravel
109	7603 19TH ST E Well #2	Calvin Sloan / Louise Sloan [5]	NA	Former Potable	Closed	5/9/2006	112	NA	AF Gravel*
110	7619 18TH ST E Well #2	Frank Bryant [5]	NA	Former Potable	Closed	4/28/2006	320	NA	Floridan*
111	1710/1714 76TH AVE DR E Well #2	Fred Bryant [5]	NA	Former Irrigation	Closed	7/18/2006	144	NA	AF Gravel*
112	7609 16TH ST E Well #2	Calvin Bryant [5]	NA	Current Potable	Open	NA	140	NA	LSAS
113	1613 76TH AVE DR E	Earlene Walton Baker [5]	NA	Former Potable	Closed	2/27/2006	86	NA	LSAS
114	7604 19TH ST E	Alley Hornes/ Michael Wesley [5]	NA	Potable	Unknown	Unknown	50	NA	LSAS*
115	7828 17TH ST CT E	Michelle Bland [5]	NA	Unknown	Closed	11/1/2002	40	NA	USAS*
116	7205 15TH ST E	Benderson Development Co. [5]	NA	Former Irrigation	Closed	6/29/1999	780	NA	Floridan*
117	7205 15TH ST E Well #2	Bradenton Commerce Center [5]	NA	Current Potable	Open	NA	235	NA	Lower AF*
118	7616 17TH ST CT E	Mr. Robinson [5]	NA	Unknown	Closed	5/16/1973	NA	NA	
119	7201 15TH ST E	S.E.S. Groves (Midway Groves) [5]	NA	Former Irrigation	Closed	5/7/1994	764	NA	Floridan*
120	2224 72ND AVE E	CD Development LLP [5]	NA	Current Irrigation	Open	NA	125	NA	AF Gravel*
121	7178 21ST ST E	N.M.B., LLC [5]	NA	Current Irrigation	Open	NA	120	NA	AF Gravel*

Notes:
NA - not available.
AF Gravel = Arcadian Formation Gravels.
LSAS = Lower Shallow Aquifer System.
Lower AF = Lower Arcadia Formation.
USAS = Upper Surficial Aquifer System.
* Aquifer zone assignments reflect consistency with other nearby wells that have similar well construction details.

[1]ID from the May 2006 Private Well Survey Report.

[2]Current Irrigation - an open well that is primarily used for watering landscape plants; Former Irrigation - a closed irrigation well; Current Monitoring - an open monitoring well installed for the purpose of water level measurements and/or collecting water quality samples; Former Monitoring - a closed monitoring well; Current Potable - an open well that may have been used as a source of drinking and bathing water; Former Potable - a closed potable well.

[3]Based on available information from the Lockheed Martin well closure program

[4]Reported total well depths were taken from Southwest Florida Water Management District (SWFWMD) well closure reports, where available.

[5]The owner's name listed is the owner at the time of well permitting.

APPENDIX D-4
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Map ID: Location ID: Zone: Date Collected:		3 1306 ROME AVE AF Gravel 07/11/05	4 1309 HARDIN AVE AF Gravel 04/11/05	4 1309 HARDIN AVE AF Gravel 05/11/05	4 1309 HARDIN AVE AF Gravel 07/12/05	4 1309 HARDIN AVE AF Gravel 03/19/06
Volatile Organics						
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ug/L	NA	NA	NA	NA	NA
Tetrachloroethene	ug/L	NA	NA	NA	NA	NA
Trichloroethene	ug/L	NA	NA	NA	NA	NA
Volatile Organics (524)						
1,1-Dichloroethane	ug/L	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ug/L	NA	NA	NA	NA	NA
Tetrachloroethene	ug/L	NA	NA	NA	NA	NA
Trichloroethene	ug/L	NA	NA	NA	NA	NA
Volatile Organics-Field						
1,1-Dichloroethane	ug/L	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ug/L	NA	NA	NA	NA	NA
Tetrachloroethene	ug/L	NA	NA	NA	NA	NA
Trichloroethene	ug/L	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)						
1,4-Dioxane	ug/L	2 U	NA	1 U	1.9 U	1 U
Volatile Organics (8260B) - SIM						
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution						
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA
Volatile Organics (8260B)						
1,4-Dioxane	ug/L	NA	50 U	NA	NA	NA
1,1-Dichloroethane	ug/L	0.5 U	0.2 U	NA	0.5 U	0.52 U
1,1-Dichloroethene	ug/L	0.5 U	0.2 U	NA	0.5 U	0.45 U
cis-1,2-Dichloroethene	ug/L	0.5 U	0.5 U	NA	0.5 U	0.65 U
Tetrachloroethene	ug/L	0.5 U	0.2 U	NA	0.5 U	0.34 U
Trichloroethene	ug/L	0.5 U	0.5 U	NA	0.5 U	0.28 U

APPENDIX D-4
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Map ID: / Location ID: / Zone: / Date Collected:		7 7561/7571 15TH ST E AF Gravel 04/11/05	7 7561/7571 15TH ST E AF Gravel 05/11/05	7 7561/7571 15TH ST E AF Gravel 07/14/05	7 7561/7571 15TH ST E AF Gravel 03/08/06	7 7561/7571 15TH ST E AF Gravel 03/14/06	7 7561/7571 15TH ST E AF Gravel 03/16/06	7 7561/7571 15TH ST E AF Gravel 03/21/06	7 7561/7571 15TH ST E AF Gravel 12/20/06	7 7561/7571 15TH ST E AF Gravel 02/01/08
Volatile Organics										
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (524)										
1,1-Dichloroethane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics-Field										
1,1-Dichloroethane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)										
1,4-Dioxane	ug/L	NA	1 U	1.9 U	1 U	1 U	1 U	1 U	NA	NA
Volatile Organics (8260B) - SIM										
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	1.1 J	NA
Volatile Organics (8260) - SIM Isotope Dilution										
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	0.76 U	1 U
Volatile Organics (8260B)										
1,4-Dioxane	ug/L	50 U	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.2 U	NA	0.5 U	0.52 U	0.52 U	0.52 U	0.52 U	0.6 U	0.52 U
1,1-Dichloroethene	ug/L	0.2 U	NA	0.5 U	0.45 U	0.45 U	0.45 U	0.45 U	0.83 U	0.45 U
cis-1,2-Dichloroethene	ug/L	0.5 U	NA	0.5 U	0.65 U	0.65 U	0.65 U	0.65 U	0.75 U	0.65 U
Tetrachloroethene	ug/L	0.2 U	NA	0.5 U	0.34 U	0.34 U	0.34 U	0.34 U	0.65 U	0.5 U
Trichloroethene	ug/L	0.5 U	NA	0.5 U	0.28 U	0.28 U	0.28 U	0.28 U	0.71 U	0.5 U

APPENDIX D-4
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Map ID: / Location ID: / Zone: / Date Collected:		8 7602 16TH ST CT E AF Gravel 12/21/06	9 7604/7608 16TH ST E LSAS 05/20/04	9 7604/7608 16TH ST E LSAS 05/24/04	11 7616 16TH ST E AF Gravel 05/20/04	11 7616 16TH ST E AF Gravel 05/24/04	11 7616 16TH ST E AF Gravel 08/29/05	11 7616 16TH ST E AF Gravel 09/19/05	12 7620 16TH ST E AF Gravel 05/20/04	12 7620 16TH ST E AF Gravel 05/24/04	12 7620 16TH ST E AF Gravel 08/29/05
Volatile Organics											
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	9.3 U	9.3 U	NA	NA	9.3 U
1,1-Dichloroethene	ug/L	NA	NA	NA	NA	NA	0.4 U	0.24 U	NA	NA	0.4 U
cis-1,2-Dichloroethene	ug/L	NA	NA	NA	NA	NA	3.7	3	NA	NA	1.6
Tetrachloroethene	ug/L	NA	NA	NA	NA	NA	0.17 U	0.26 U	NA	NA	0.17 U
Trichloroethene	ug/L	NA	NA	NA	NA	NA	1.6	1.2	NA	NA	1.3
Volatile Organics (524)											
1,1-Dichloroethane	ug/L	NA	0.23 U	0.38 I	0.23 U	0.36 I	NA	NA	0.23 U	0.29 I	NA
1,1-Dichloroethene	ug/L	NA	0.95	1.1	0.7	0.98	NA	NA	0.23 U	0.19 U	NA
cis-1,2-Dichloroethene	ug/L	NA	0.51	0.76	2.7	2.9	NA	NA	0.51	0.67	NA
Tetrachloroethene	ug/L	NA	0.3 U	0.25 U	0.3 U	0.5 U	NA	NA	0.3 U	0.25 U	NA
Trichloroethene	ug/L	NA	1.6	1.8	2.8	3.6	NA	NA	1.1	1.1	NA
Volatile Organics-Field											
1,1-Dichloroethane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)											
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260B) - SIM											
1,4-Dioxane	ug/L	R	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution											
1,4-Dioxane	ug/L	0.76 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260B)											
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.6 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	0.83 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ug/L	0.75 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ug/L	0.65 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ug/L	0.71 U	NA	NA	NA	NA	NA	NA	NA	NA	NA

APPENDIX D-4
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Map ID:		13	13	13	14,16	17	17	17	20	21
Location ID:		7624 16TH ST E	7624 16TH ST E	7624 16TH ST E	1507 TALLEVAST RD	7621 16TH ST E	7621 16TH ST E	7621 16TH ST E	1709 76TH AVE DR E	1710/1714 76TH AVE DR E
Zone:		LSAS	LSAS	LSAS	LSAS	AF Gravel	AF Gravel	AF Gravel	AF Gravel	LSAS
Date Collected:		05/20/04	05/25/04	09/03/05	09/09/05	05/20/04	05/24/04	08/31/05	09/14/05	05/26/04
Volatile Organics										
1,4-Dioxane	ug/L	NA	NA	9.3 U	9.3 U	NA	NA	9.3 U	9.3 U	NA
1,1-Dichloroethene	ug/L	NA	NA	0.22 U	0.22 U	NA	NA	0.37 I	11	NA
cis-1,2-Dichloroethene	ug/L	NA	NA	2.4	2.3	NA	NA	0.41 I	22	NA
Tetrachloroethene	ug/L	NA	NA	0.09 U	0.09 U	NA	NA	0.09 U	0.09 U	NA
Trichloroethene	ug/L	NA	NA	1.1	0.84	NA	NA	1.2	57	NA
Volatile Organics (524)										
1,1-Dichloroethane	ug/L	0.23 U	0.21 U	NA	NA	0.23 U	0.44 I	NA	NA	12
1,1-Dichloroethene	ug/L	0.23 U	0.19 U	NA	NA	0.23 U	0.19 U	NA	NA	98
cis-1,2-Dichloroethene	ug/L	3.2	3.6	NA	NA	0.25 U	0.28 I	NA	NA	5
Tetrachloroethene	ug/L	0.3 U	0.25 U	NA	NA	0.3 U	0.25 U	NA	NA	0.25 U
Trichloroethene	ug/L	1.4	1.7	NA	NA	0.22 U	0.21 U	NA	NA	15
Volatile Organics-Field										
1,1-Dichloroethane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)										
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260B) - SIM										
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution										
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260B)										
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA

APPENDIX D-4
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Map ID:		22	22	24	25	25	25	26	26	26
Location ID:		7619 17TH ST E	7619 17TH ST E	1712 TALLEVAST RD	7515 18TH ST E	7515 18TH ST E	7515 18TH ST E	7519 18TH ST E	7519 18TH ST E	7519 18TH ST E
Zone:		AF Gravel	AF Gravel	USAS	USAS	USAS	USAS	AF Gravel	AF Gravel	AF Gravel
Date Collected:		05/25/04	09/14/05	09/09/05	05/20/04	05/25/04	08/29/05	05/20/04	05/25/04	08/24/05
Volatile Organics										
1,4-Dioxane	ug/L	NA	130	100	NA	NA	9.3 U	NA	NA	9.3 U
1,1-Dichloroethene	ug/L	NA	55	99	NA	NA	0.4 U	NA	NA	0.22 U
cis-1,2-Dichloroethene	ug/L	NA	14	50	NA	NA	0.17 U	NA	NA	0.11 U
Tetrachloroethene	ug/L	NA	0.09 U	1.8	NA	NA	0.17 U	NA	NA	0.09 U
Trichloroethene	ug/L	NA	41	730	NA	NA	0.27 U	NA	NA	0.14 U
Volatile Organics (524)										
1,1-Dichloroethane	ug/L	0.21 U	NA	NA	0.23 U	0.21 U	NA	0.23 U	0.21 U	NA
1,1-Dichloroethene	ug/L	0.19 U	NA	NA	0.23 U	0.19 U	NA	0.23 U	0.19 U	NA
cis-1,2-Dichloroethene	ug/L	0.19 U	NA	NA	0.25 U	0.19 U	NA	0.25 U	0.19 U	NA
Tetrachloroethene	ug/L	0.25 U	NA	NA	0.3 U	0.25 U	NA	0.3 U	0.25 U	NA
Trichloroethene	ug/L	0.21 U	NA	NA	0.22 U	0.21 U	NA	0.22 U	0.21 U	NA
Volatile Organics-Field										
1,1-Dichloroethane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)										
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260B) - SIM										
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution										
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260B)										
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA

APPENDIX D-4
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Map ID: / Location ID: / Zone: / Date Collected:		27 7609 18TH ST E AF Gravel 05/20/04	27 7609 18TH ST E AF Gravel 05/25/04	27 7609 18TH ST E AF Gravel 09/03/05	28 7611 18TH ST E AF Gravel 05/20/04	28 7611 18TH ST E AF Gravel 05/25/04	28 7611 18TH ST E AF Gravel 08/24/05	29 7615 18TH ST E LSAS 05/20/04	29 7615 18TH ST E LSAS 05/25/04	29 7615 18TH ST E LSAS 08/24/05
Volatile Organics										
1,4-Dioxane	ug/L	NA	NA	9.3 U	NA	NA	9.3 U	NA	NA	9.3 U
1,1-Dichloroethene	ug/L	NA	NA	0.22 U	NA	NA	0.22 U	NA	NA	0.22 U
cis-1,2-Dichloroethene	ug/L	NA	NA	0.11 U	NA	NA	1.8	NA	NA	17
Tetrachloroethene	ug/L	NA	NA	0.09 U	NA	NA	0.09 U	NA	NA	0.09 U
Trichloroethene	ug/L	NA	NA	0.2 I	NA	NA	4.8	NA	NA	120
Volatile Organics (524)										
1,1-Dichloroethane	ug/L	0.23 U	0.21 U	NA	0.23 I	0.27 I	NA	0.7	0.21 U	NA
1,1-Dichloroethene	ug/L	0.23 U	0.19 U	NA	0.41 I	0.54	NA	3	3.2	NA
cis-1,2-Dichloroethene	ug/L	0.25 U	0.19 U	NA	1.1	1.5	NA	43	44	NA
Tetrachloroethene	ug/L	0.3 U	0.25 U	NA	0.3 U	0.25 U	NA	0.3 U	0.25 U	NA
Trichloroethene	ug/L	0.22 U	0.21 U	NA	2.3	3.3	NA	220 C	240	NA
Volatile Organics-Field										
1,1-Dichloroethane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)										
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260B) - SIM										
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution										
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260B)										
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA

APPENDIX D-4
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Map ID:		30	30	30	30	31	31	31	32	32	32
Location ID:		7619 18TH ST E	7619 18TH ST E	7619 18TH ST E	7619 18TH ST E	1811 TALLEVAST RD	1811 TALLEVAST RD	1811 TALLEVAST RD	7624 19TH ST E	7624 19TH ST E	7624 19TH ST E
Zone:		AF Gravel	AF Gravel	AF Gravel	AF Gravel	LSAS	LSAS	LSAS	AF Gravel	AF Gravel	AF Gravel
Date Collected:		05/20/04	05/25/04	08/29/05	09/19/05	05/20/04	05/25/04	08/29/05	05/20/04	05/25/04	09/09/05
Volatile Organics											
1,4-Dioxane	ug/L	NA	NA	9.3 U	9.3 U	NA	NA	9.3 U	NA	NA	9.3 U
1,1-Dichloroethene	ug/L	NA	NA	0.4 U	1.6	NA	NA	2.4	NA	NA	4.8
cis-1,2-Dichloroethene	ug/L	NA	NA	7.1	24	NA	NA	30	NA	NA	21
Tetrachloroethene	ug/L	NA	NA	0.17 U	0.26 U	NA	NA	0.17 U	NA	NA	0.09 U
Trichloroethene	ug/L	NA	NA	44	150 L	NA	NA	160	NA	NA	89
Volatile Organics (524)											
1,1-Dichloroethane	ug/L	1	0.27 I	NA	NA	2.4	2.5	NA	2.7	2.9	NA
1,1-Dichloroethene	ug/L	2.6	0.68	NA	NA	3.4	3.8	NA	7.5 C	7.6	NA
cis-1,2-Dichloroethene	ug/L	22	9.2	NA	NA	26	32	NA	24	30	NA
Tetrachloroethene	ug/L	0.33 I	0.25 U	NA	NA	0.3 U	0.25 U	NA	0.3 U	0.25 U	NA
Trichloroethene	ug/L	180 C	110	NA	NA	180 C	240	NA	95 C	140	NA
Volatile Organics-Field											
1,1-Dichloroethane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)											
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260B) - SIM											
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution											
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260B)											
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

APPENDIX D-4
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Map ID: / Location ID: / Zone: / Date Collected:		33 7600 19TH ST E LSAS 05/26/04	33 7600 19TH ST E LSAS 08/31/05	35 1911/1913 TALLEVAST RD AF Gravel 05/20/04	35 1911/1913 TALLEVAST RD AF Gravel 05/25/04	35 1911/1913 TALLEVAST RD AF Gravel 09/03/05	35 1911/1913 TALLEVAST RD AF Gravel 01/16/07
Volatile Organics							
1,4-Dioxane	ug/L	NA	120	NA	NA	9.3 U	NA
1,1-Dichloroethene	ug/L	NA	1.8	NA	NA	0.22 U	NA
cis-1,2-Dichloroethene	ug/L	NA	27	NA	NA	0.98	NA
Tetrachloroethene	ug/L	NA	0.09 U	NA	NA	0.09 U	NA
Trichloroethene	ug/L	NA	140	NA	NA	0.14 U	NA
Volatile Organics (524)							
1,1-Dichloroethane	ug/L	1.6	NA	0.23 U	0.21 U	NA	NA
1,1-Dichloroethene	ug/L	3.4	NA	0.23 U	0.19 U	NA	NA
cis-1,2-Dichloroethene	ug/L	46	NA	1.2	1	NA	NA
Tetrachloroethene	ug/L	0.25 U	NA	0.3 U	0.25 U	NA	NA
Trichloroethene	ug/L	370	NA	0.42 I	0.23 I	NA	NA
Volatile Organics-Field							
1,1-Dichloroethane	ug/L	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ug/L	NA	NA	NA	NA	NA	NA
Trichloroethene	ug/L	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)							
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA
Volatile Organics (8260B) - SIM							
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution							
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	5.1
Volatile Organics (8260B)							
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	NA	NA	NA	NA	NA	0.6 U
1,1-Dichloroethene	ug/L	NA	NA	NA	NA	NA	0.83 U
cis-1,2-Dichloroethene	ug/L	NA	NA	NA	NA	NA	0.75 UJ
Tetrachloroethene	ug/L	NA	NA	NA	NA	NA	0.65 U
Trichloroethene	ug/L	NA	NA	NA	NA	NA	0.71 UJ

APPENDIX D-4
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Map ID: / Location ID: / Zone: / Date Collected:		36 1955 TALLEVAST RD AF Gravel 05/20/04	36 1955 TALLEVAST RD AF Gravel 05/25/04	36 1955 TALLEVAST RD AF Gravel 08/29/05	37 2003 TALLEVAST RD AF Gravel 05/20/04	37 2003 TALLEVAST RD AF Gravel 05/25/04	37 2003 TALLEVAST RD AF Gravel 08/29/05	37 2003 TALLEVAST RD AF Gravel 11/27/06	37 2003 TALLEVAST RD AF Gravel 12/20/06
Volatile Organics									
1,4-Dioxane	ug/L	NA	NA	9.3 U	NA	NA	9.3 U	NA	NA
1,1-Dichloroethene	ug/L	NA	NA	2	NA	NA	0.4 U	NA	NA
cis-1,2-Dichloroethene	ug/L	NA	NA	0.17 U	NA	NA	0.17 U	NA	NA
Tetrachloroethene	ug/L	NA	NA	0.17 U	NA	NA	0.17 U	NA	NA
Trichloroethene	ug/L	NA	NA	0.46 I	NA	NA	7.8	NA	NA
Volatile Organics (524)									
1,1-Dichloroethane	ug/L	2.5	0.54	NA	3.3	3.9	NA	NA	NA
1,1-Dichloroethene	ug/L	4	0.75	NA	5.5	5.9	NA	NA	NA
cis-1,2-Dichloroethene	ug/L	0.56	0.19 U	NA	0.74	0.82	NA	NA	NA
Tetrachloroethene	ug/L	0.3 U	0.25 U	NA	0.3 U	0.25 U	NA	NA	NA
Trichloroethene	ug/L	0.57	0.26 I	NA	0.7	0.64	NA	NA	NA
Volatile Organics-Field									
1,1-Dichloroethane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260B) - SIM									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	R	17 J
Volatile Organics (8260) - SIM Isotope Dilution									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	0.76 U	28
Volatile Organics (8260B)									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	NA	NA	NA	NA	NA	NA	0.6 U	0.7 I
1,1-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	0.83 U	0.83 U
cis-1,2-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	0.75 U	1.2 J
Tetrachloroethene	ug/L	NA	NA	NA	NA	NA	NA	0.65 U	0.65 U
Trichloroethene	ug/L	NA	NA	NA	NA	NA	NA	0.71 U	25 J

APPENDIX D-4
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Map ID:		38	38	38	38	38	40	40	41
Location ID:		2105 TALLEVAST RD	2105 TALLEVAST RD	2105 TALLEVAST RD	2105 TALLEVAST RD	2105 TALLEVAST RD	1808 TALLEVAST RD	1808 TALLEVAST RD	1864 TALLEVAST RD
Zone:		AF Gravel	AF Gravel	AF Gravel	AF Gravel	AF Gravel	AF Gravel	AF Gravel	AF Gravel
Date Collected:		08/24/05	03/01/06	03/27/06	12/15/06	02/01/08	09/03/05	11/27/06	08/24/05
Volatile Organics									
1,4-Dioxane	ug/L	66	NA	NA	NA	NA	320	NA	65
1,1-Dichloroethene	ug/L	10	NA	NA	NA	NA	130	NA	2.1
cis-1,2-Dichloroethene	ug/L	1.5	NA	NA	NA	NA	18	NA	0.35 I
Tetrachloroethene	ug/L	0.09 U	NA	NA	NA	NA	0.36 U	NA	0.09 U
Trichloroethene	ug/L	0.58	NA	NA	NA	NA	80	NA	0.58
Volatile Organics (524)									
1,1-Dichloroethane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics-Field									
1,1-Dichloroethane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)									
1,4-Dioxane	ug/L	NA	4.4 I	1.1 U	NA	NA	NA	NA	NA
Volatile Organics (8260B) - SIM									
1,4-Dioxane	ug/L	NA	NA	NA	6.6 J	NA	NA	R	NA
Volatile Organics (8260) - SIM Isotope Dilution									
1,4-Dioxane	ug/L	NA	NA	NA	3.8	96	NA	0.76 U	NA
Volatile Organics (8260B)									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	NA	0.52 U	0.52 U	0.6 I	3.4	NA	0.6 U	NA
1,1-Dichloroethene	ug/L	NA	0.45 U	0.45 U	1.2	4.9	NA	0.83 U	NA
cis-1,2-Dichloroethene	ug/L	NA	0.65 U	0.65 U	0.75 U	0.93 I	NA	0.75 U	NA
Tetrachloroethene	ug/L	NA	0.34 U	0.34 U	0.65 U	0.5 U	NA	0.65 U	NA
Trichloroethene	ug/L	NA	0.28 U	0.28 U	0.71 U	0.5 U	NA	0.71 U	NA

APPENDIX D-4
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Map ID: / Location ID: / Zone: / Date Collected:		42 1804 TALLEVAST RD AF Gravel 05/20/04	42 1804 TALLEVAST RD AF Gravel 05/25/04	42 1804 TALLEVAST RD AF Gravel 09/09/05	43 7715 17TH ST CT E LSAS 08/31/05	44 7716 17TH ST CT E LSAS 05/25/04	44 7716 17TH ST CT E LSAS 08/31/05	46 7819 17TH ST E LSAS 05/25/04	46 7819 17TH ST E LSAS 08/31/05
Volatile Organics									
1,4-Dioxane	ug/L	NA	NA	330	390	NA	510	NA	480
1,1-Dichloroethene	ug/L	NA	NA	24	61	NA	61	NA	92
cis-1,2-Dichloroethene	ug/L	NA	NA	4.7	14	NA	20	NA	43
Tetrachloroethene	ug/L	NA	NA	0.48 I	5.1	NA	45	NA	0.09 U
Trichloroethene	ug/L	NA	NA	6.9	100	NA	270	NA	15
Volatile Organics (524)									
1,1-Dichloroethane	ug/L	18	12	NA	NA	100	NA	110	NA
1,1-Dichloroethene	ug/L	35 C	28	NA	NA	160	NA	94	NA
cis-1,2-Dichloroethene	ug/L	6.3	4.3	NA	NA	20	NA	50	NA
Tetrachloroethene	ug/L	1.9	2.7	NA	NA	30	NA	0.25 U	NA
Trichloroethene	ug/L	7.4 C	4.6	NA	NA	510	NA	11	NA
Volatile Organics-Field									
1,1-Dichloroethane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260B) - SIM									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (8260B)									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA

APPENDIX D-4
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Map ID:		47	47	47	47	47	47	47	47	47	47	50	52
Location ID:		7851 15TH ST E	7851 15TH ST E	7851 15TH ST E	7851 15TH ST E	7851 15TH ST E	7851 15TH ST E	7851 15TH ST E	7851 15TH ST E	7851 15TH ST E	7851 15TH ST E	1234 CLYDE JONES RD	7881 15TH ST E
Zone:		Floridan	Floridan	Floridan	Floridan	Floridan	Floridan	Floridan	Floridan	Floridan	AF Gravel	USAS	AF Gravel
Date Collected:		06/18/04	11/01/04	05/26/05	03/09/06	03/14/06	03/16/06	03/21/06	12/20/06	01/30/08	01/30/08	12/27/06	03/20/06
Volatile Organics													
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (524)													
1,1-Dichloroethane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics-Field													
1,1-Dichloroethane	ug/L	NA	1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NA	1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ug/L	NA	1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ug/L	NA	1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ug/L	NA	1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)													
1,4-Dioxane	ug/L	NA	NA	1 U	1 U	1 U	1 U	1 U	NA	NA	NA	NA	1 U
Volatile Organics (8260B) - SIM													
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	1.7 J	NA	NA	1.1 J	NA
Volatile Organics (8260) - SIM Isotope Dilution													
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	0.76 U	1.7	1.6	1.9 I	NA
Volatile Organics (8260B)													
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.2 U	NA	NA	0.52 U	0.52 U	0.52 U	0.52 U	0.6 U	0.52 U	0.52 U	0.6 U	0.52 U
1,1-Dichloroethene	ug/L	0.2 U	NA	NA	0.45 U	0.45 U	0.45 U	0.45 U	0.83 U	0.45 U	0.45 U	0.83 U	0.45 U
cis-1,2-Dichloroethene	ug/L	NA	NA	NA	0.65 U	0.65 U	0.65 U	0.65 U	0.75 U	0.65 U	0.65 U	0.75 U	0.65 U
Tetrachloroethene	ug/L	0.2 U	NA	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.65 U	0.5 U	0.5 U	0.65 U	0.34 U
Trichloroethene	ug/L	0.5 U	NA	NA	1.6	1.6	2	1.6	1.2	1.9	2.2	0.71 U	0.28 U

APPENDIX D-4
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Map ID: Location ID: Zone: Date Collected:		53 8011 15TH ST E Lower AF - Floridan 07/06/05	53 8011 15TH ST E Lower AF - Floridan 04/14/06	53 8011 15TH ST E Lower AF - Floridan 12/20/06	53 8011 15TH ST E Lower AF - Floridan 01/31/07	55 7350 26TH CT E AF Gravel 12/27/06	56 7455 16TH ST E AF Gravel 04/05/06	56 7455 16TH ST E AF Gravel 12/21/06
Volatile Organics								
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (524)								
1,1-Dichloroethane	ug/L	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA
Volatile Organics-Field								
1,1-Dichloroethane	ug/L	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)								
1,4-Dioxane	ug/L	2 U	1 U	NA	NA	NA	1 U	NA
Volatile Organics (8260B) - SIM								
1,4-Dioxane	ug/L	NA	NA	0.95 J	NA	R	NA	1.2 J [R]
Volatile Organics (8260) - SIM Isotope Dilution								
1,4-Dioxane	ug/L	NA	NA	0.76 U	0.76 U	0.76 U	NA	0.76 U [0.76 U]
Volatile Organics (8260B)								
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.5 U	0.52 U	0.6 U	0.6 U	0.6 U	0.52 U	0.6 U [0.6 U]
1,1-Dichloroethene	ug/L	0.5 U	0.45 U	0.83 U	0.83 U	0.83 U	0.45 U	0.83 U [0.83 U]
cis-1,2-Dichloroethene	ug/L	0.5 U	0.65 U	0.75 U	0.75 U	0.75 U	0.65 U	0.75 U [0.75 U]
Tetrachloroethene	ug/L	0.5 U	0.34 U	0.65 U	0.65 U	0.65 U	0.34 U	0.65 U [0.65 U]
Trichloroethene	ug/L	0.5 U	0.28 U	0.71 U	0.71 U	0.71 U	3.3	1.7 [1.8]

APPENDIX D-4
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Map ID: Location ID: Zone: Date Collected:		57 7500 26TH CT E AF Gravel 12/29/06	57 7500 26TH CT E AF Gravel 02/01/08	58 7501 15TH ST AF Gravel 04/04/06	58 7501 15TH ST AF Gravel 12/20/06	59 7524 COMMERCE PLACE AF Gravel 02/01/08	60 7575 COMMERCE CT AF Gravel 02/21/07	64 1107 TALLEVAST RD AF Gravel 12/27/06	64 1107 TALLEVAST RD AF Gravel 02/04/08
Volatile Organics									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (524)									
1,1-Dichloroethane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics-Field									
1,1-Dichloroethane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)									
1,4-Dioxane	ug/L	NA	NA	1 UJ	NA	NA	NA	NA	NA
Volatile Organics (8260B) - SIM									
1,4-Dioxane	ug/L	R	NA	NA	R	NA	NA	R	NA
Volatile Organics (8260) - SIM Isotope Dilution									
1,4-Dioxane	ug/L	0.76 U	1 U	NA	0.76 U	1 U	1 I	0.76 U	1 U
Volatile Organics (8260B)									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.6 U	0.52 U	0.52 U	0.6 U	0.52 U	0.6 U	0.6 U	0.52 U
1,1-Dichloroethene	ug/L	0.83 U	0.45 U	0.45 U	0.83 U	0.45 U	0.83 U	0.83 U	0.45 U
cis-1,2-Dichloroethene	ug/L	0.75 U	0.65 U	0.65 U	0.75 U	0.65 U	0.75 U	0.75 U	0.65 U
Tetrachloroethene	ug/L	0.65 U	0.5 U	0.34 U	0.65 U	0.5 U	0.65 U	0.65 U	0.5 U
Trichloroethene	ug/L	0.71 U	0.5 U	0.28 U	0.71 U	0.5 U	0.71 U	0.71 U	0.5 U

APPENDIX D-4
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Map ID: Location ID: Zone: Date Collected:		65 1201 TALLEVAST RD AF Gravel 12/20/06	65 1201 TALLEVAST RD AF Gravel 02/04/08	70 1600 TALLEVAST RD AF Gravel 11/27/06	72 1611 TALLEVAST RD USAS 11/27/06	73 1619 TALLEVAST RD AF Gravel 08/31/05	73 1619 TALLEVAST RD AF Gravel 09/14/05	74 1701 BIOTECH WAY AF Gravel 04/03/06	74 1701 BIOTECH WAY AF Gravel 01/31/07
Volatile Organics									
1,4-Dioxane	ug/L	NA	NA	NA	NA	9.3 U	9.3 U	NA	NA
1,1-Dichloroethene	ug/L	NA	NA	NA	NA	16	20	NA	NA
cis-1,2-Dichloroethene	ug/L	NA	NA	NA	NA	8.6	13	NA	NA
Tetrachloroethene	ug/L	NA	NA	NA	NA	0.09 U	0.09 U	NA	NA
Trichloroethene	ug/L	NA	NA	NA	NA	77	120	NA	NA
Volatile Organics (524)									
1,1-Dichloroethane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics-Field									
1,1-Dichloroethane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	1 U	NA
Volatile Organics (8260B) - SIM									
1,4-Dioxane	ug/L	R	NA	R	R	NA	NA	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution									
1,4-Dioxane	ug/L	0.76 U	1 U	0.76 U	0.76 U	NA	NA	NA	0.76 U
Volatile Organics (8260B)									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.6 U	0.52 U	0.6 U	0.6 U	NA	NA	0.52 U	0.6 U
1,1-Dichloroethene	ug/L	0.83 U	0.45 U	0.83 U	0.83 U	NA	NA	0.45 U	0.83 U
cis-1,2-Dichloroethene	ug/L	0.75 UJ	0.65 U	0.75 U	0.75 U	NA	NA	0.65 U	0.75 U
Tetrachloroethene	ug/L	0.65 U	0.5 U	0.65 U	0.65 U	NA	NA	0.34 U	0.65 U
Trichloroethene	ug/L	0.71 UJ	0.5 U	0.71 U	0.71 U	NA	NA	0.28 U	0.71 U

APPENDIX D-4
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Map ID:		75	77	78	79	79	79	80	80	80	80
Location ID:		1715 TALLEVAST RD	1807 TALLEVAST RD	1905 72ND DR E	1915 72ND DR E	1915 72ND DR E	1915 72ND DR E	2217 72ND AVE E	2217 72ND AVE E	2217 72ND AVE E	2217 72ND AVE E
Zone:		AF Gravel	AF Gravel	AF Gravel	AF Gravel	AF Gravel	AF Gravel	AF Gravel	AF Gravel	AF Gravel	AF Gravel
Date Collected:		11/27/06	11/27/06	04/14/06	04/10/06	04/21/06	12/20/06	04/12/06	04/19/06	04/21/06	12/20/06
Volatile Organics											
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (524)											
1,1-Dichloroethane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics-Field											
1,1-Dichloroethane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)											
1,4-Dioxane	ug/L	NA	NA	1 UJ	11	1 U	NA	1 U	1 U	1 U	NA
Volatile Organics (8260B) - SIM											
1,4-Dioxane	ug/L	79 J	2.8 J	NA	NA	NA	1.2 J	NA	NA	NA	R
Volatile Organics (8260) - SIM Isotope Dilution											
1,4-Dioxane	ug/L	88	3.2	NA	NA	NA	0.76 U	NA	NA	NA	0.76 U
Volatile Organics (8260B)											
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	6.4	0.6 U	0.52 U	0.52 U	0.52 U	0.6 U	0.52 U	0.52 U	0.52 U	0.6 U
1,1-Dichloroethene	ug/L	5.8	0.83 U	0.45 U	0.45 U	0.45 U	0.83 U	0.45 U	0.45 U	0.45 U	0.83 U
cis-1,2-Dichloroethene	ug/L	1.9	1	0.65 U	0.65 U	0.65 U	0.75 UJ	0.65 U	0.65 U	0.65 U	0.75 UJ
Tetrachloroethene	ug/L	0.65 U	0.65 U	0.34 U	0.34 U	0.34 UJ	0.65 U	0.34 U	0.34 U	0.34 UJ	0.65 U
Trichloroethene	ug/L	3.5	0.71 UJ	0.28 U	1.2	0.87 I	0.71 UJ	0.28 U	0.28 U	0.28 U	1 J

APPENDIX D-4
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Map ID:		81	81	82	83	83	83	84	84
Location ID:		2227 72ND AVE E	2227 72ND AVE E	2305 72ND AVE E	2337 72ND DR E	2337 72ND DR E	2337 72ND DR E	2400 TALLEVAST RD	2400 TALLEVAST RD
Zone:		AF Gravel	AF Gravel	AF Gravel	AF Gravel	AF Gravel	AF Gravel	AF Gravel	AF Gravel
Date Collected:		04/12/06	12/20/06	12/20/06	04/09/06	04/21/06	12/26/06	08/29/05	01/24/08
Volatile Organics									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	9.3 U	NA
1,1-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	0.4 U	NA
cis-1,2-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	0.17 U	NA
Tetrachloroethene	ug/L	NA	NA	NA	NA	NA	NA	0.17 U	NA
Trichloroethene	ug/L	NA	NA	NA	NA	NA	NA	0.27 U	NA
Volatile Organics (524)									
1,1-Dichloroethane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics-Field									
1,1-Dichloroethane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)									
1,4-Dioxane	ug/L	1 U	NA	NA	4 I	1 U	NA	NA	NA
Volatile Organics (8260B) - SIM									
1,4-Dioxane	ug/L	NA	R	R	NA	NA	R	NA	NA
Volatile Organics (8260) - SIM Isotope Dilution									
1,4-Dioxane	ug/L	NA	0.76 U	0.76 U	NA	NA	0.76 U	NA	1 U [1 U]
Volatile Organics (8260B)									
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.52 U	0.6 U	0.6 U	0.52 U	0.52 U	0.6 U	NA	0.52 U [0.52 U]
1,1-Dichloroethene	ug/L	0.45 U	0.83 U	0.83 U	0.45 U	0.45 U	0.83 U	NA	0.45 U [0.45 U]
cis-1,2-Dichloroethene	ug/L	0.65 U	0.75 UJ	0.75 UJ	0.65 U	0.65 U	0.75 U	NA	0.65 U [0.65 U]
Tetrachloroethene	ug/L	0.34 U	0.65 U	0.65 U	0.34 U	0.34 UJ	0.65 U	NA	0.5 U [0.5 U]
Trichloroethene	ug/L	0.28 U	0.71 UJ	0.71 UJ	0.28 U	0.28 U	0.71 U	NA	0.5 U [0.5 U]

APPENDIX D-4
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Map ID: / Location ID: / Zone: / Date Collected:		85 2411 TALLEVAST RD AF Gravel 03/23/06	85 2411 TALLEVAST RD AF Gravel 03/30/06	85 2411 TALLEVAST RD AF Gravel 12/12/06	85 2411 TALLEVAST RD AF Gravel 01/31/08	86 7061 15TH ST E AF Gravel 04/12/06	86 7061 15TH ST E AF Gravel 12/20/06	87 7116 24TH CT E AF Gravel 04/03/06	87 7116 24TH CT E AF Gravel 01/31/07	88 7126 24TH CT E AF Gravel 12/27/06
Volatile Organics										
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (524)										
1,1-Dichloroethane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics-Field										
1,1-Dichloroethane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)										
1,4-Dioxane	ug/L	19	1 U	NA	NA	1 U	NA	1 U	NA	NA
Volatile Organics (8260B) - SIM										
1,4-Dioxane	ug/L	NA	NA	5.3 J	NA	NA	1.2 J	NA	NA	R
Volatile Organics (8260) - SIM Isotope Dilution										
1,4-Dioxane	ug/L	NA	NA	4.4	22	NA	0.76 U	NA	0.76 U	0.76 U
Volatile Organics (8260B)										
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.8 I	0.52 U	0.6 U	0.52 U	0.52 U	0.6 U	0.52 U	0.6 U	0.6 U
1,1-Dichloroethene	ug/L	0.82 I	1.1	0.83 U	0.55 I	0.45 U	0.83 U	0.45 U	0.83 U	0.83 U
cis-1,2-Dichloroethene	ug/L	0.65 U	0.65 U	0.75 UJ	0.65 U	12	5.7	0.65 U	0.75 U	0.75 U
Tetrachloroethene	ug/L	0.34 U	0.34 U	0.65 U	0.5 U	0.34 U	0.65 U	0.34 U	0.65 U	0.65 U
Trichloroethene	ug/L	0.28 U	0.28 U	0.71 UJ	0.5 U	0.53 I	1.7	0.28 U	0.71 U	0.71 U

APPENDIX D-4
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Map ID:		91	91	91	92	92	92	93	93	93	94
Location ID:		7205/7207 21ST ST E	7205/7207 21ST ST E	7205/7207 21ST ST E	7212 24TH CT E	7212 24TH CT E	7212 24TH CT E	7216 21ST ST E	7216 21ST ST E	7216 21ST ST E	7220 24TH CT E
Zone:		AF Gravel	AF Gravel	AF Gravel	AF Gravel	AF Gravel	AF Gravel	AF Gravel	AF Gravel	AF Gravel	AF Gravel
Date Collected:		04/09/06	04/21/06	12/27/06	04/09/06	04/21/06	12/27/06	04/09/06	04/21/06	12/27/06	04/09/06
Volatile Organics											
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (524)											
1,1-Dichloroethane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics-Field											
1,1-Dichloroethane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)											
1,4-Dioxane	ug/L	15	1 U	NA	3.3 I	1 U	NA	4.6 I	1 U	NA	1 U
Volatile Organics (8260B) - SIM											
1,4-Dioxane	ug/L	NA	NA	R	NA	NA	R	NA	NA	R	NA
Volatile Organics (8260) - SIM Isotope Dilution											
1,4-Dioxane	ug/L	NA	NA	0.76 U	NA	NA	0.76 U	NA	NA	0.76 U	NA
Volatile Organics (8260B)											
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.52 U	0.52 U	0.6 U	0.52 U	0.52 U	0.6 U	0.52 U	0.52 U	0.6 U	0.52 UJ
1,1-Dichloroethene	ug/L	0.45 U	0.45 U	0.83 U	0.45 U	0.45 U	0.83 U	0.45 U	0.45 U	0.83 U	0.45 UJ
cis-1,2-Dichloroethene	ug/L	0.65 U	0.65 U	0.75 U	0.65 U	0.65 U	0.75 U	0.65 U	0.65 U	0.75 U	0.65 UJ
Tetrachloroethene	ug/L	0.34 U	0.34 UJ	0.65 U	0.34 U	0.34 UJ	0.65 U	0.34 U	0.34 UJ	0.65 U	0.34 UJ
Trichloroethene	ug/L	0.92 I	0.28 U	0.71 U	0.28 U	0.28 U	0.71 U	5.6	1.2	2.6	0.28 UJ

APPENDIX D-4
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Map ID: Location ID: Zone: Date Collected:		95 7230 15TH ST E AF Gravel 12/20/06	96 7245 21ST ST E AF Gravel 04/10/06	96 7245 21ST ST E AF Gravel 04/21/06	96 7245 21ST ST E AF Gravel 12/27/06	97 7260 15TH ST E AF Gravel 04/05/06	97 7260 15TH ST E AF Gravel 12/20/06	99 7606 16TH ST CT E AF Gravel 11/27/06	100 7630 MATOAKA RD AF Gravel 12/20/06	102 8005 15TH ST E AF Gravel 02/01/08	103 8155 27TH ST E AF Gravel 12/20/06
Volatile Organics											
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics (524)											
1,1-Dichloroethane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organics-Field											
1,1-Dichloroethane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)											
1,4-Dioxane	ug/L	NA	4.5 I	45	NA	1.1 U	NA	NA	NA	NA	NA
Volatile Organics (8260B) - SIM											
1,4-Dioxane	ug/L	R	NA	NA	R	NA	0.96 J	2.7 J	1.2 J	NA	R
Volatile Organics (8260) - SIM Isotope Dilution											
1,4-Dioxane	ug/L	0.76 U	NA	NA	0.76 U	NA	0.76 U	1.9 I	0.76 U	1 U	0.76 U
Volatile Organics (8260B)											
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.6 U	0.52 U	0.52 U	0.6 U	0.52 U	0.6 U	0.6 U	0.6 U	0.52 U	0.6 U
1,1-Dichloroethene	ug/L	0.83 U	0.45 U	0.45 U	0.83 U	0.45 U	0.83 U	0.83 U	0.83 U	0.45 U	0.83 U
cis-1,2-Dichloroethene	ug/L	0.75 U	0.65 U	0.65 U	0.75 U	0.65 U	0.75 UJ	0.75 U	0.75 UJ	0.65 U	0.75 UJ
Tetrachloroethene	ug/L	0.65 U	0.34 U	0.34 UJ	0.65 U	0.34 U	0.65 U	0.65 U	0.65 U	0.5 U	0.65 U
Trichloroethene	ug/L	0.71 U	0.28 U	0.28 U	0.71 U	0.28 U	0.71 UJ	0.71 U	0.71 UJ	0.5 U	0.71 UJ

APPENDIX D-4
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Map ID: Location ID: Zone: Date Collected:		104 8161 15TH ST E USAS 08/18/05	104 8161 15TH ST E USAS 04/05/06	104 8161 15TH ST E USAS 12/21/06	105 904 PONDEROSA PINE LANE AF Gravel 04/04/06	105 904 PONDEROSA PINE LANE AF Gravel 12/27/06	112 7609 16TH ST E Well #2 LSAS 08/31/05
Volatile Organics							
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	9.3 U
1,1-Dichloroethene	ug/L	NA	NA	NA	NA	NA	6.8
cis-1,2-Dichloroethene	ug/L	NA	NA	NA	NA	NA	5
Tetrachloroethene	ug/L	NA	NA	NA	NA	NA	0.09 U
Trichloroethene	ug/L	NA	NA	NA	NA	NA	40
Volatile Organics (524)							
1,1-Dichloroethane	ug/L	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ug/L	NA	NA	NA	NA	NA	NA
Trichloroethene	ug/L	NA	NA	NA	NA	NA	NA
Volatile Organics-Field							
1,1-Dichloroethane	ug/L	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ug/L	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ug/L	NA	NA	NA	NA	NA	NA
Trichloroethene	ug/L	NA	NA	NA	NA	NA	NA
Semivolatile Organics (8270C)							
1,4-Dioxane	ug/L	1.9 U	1 U	NA	1 U	NA	NA
Volatile Organics (8260B) - SIM							
1,4-Dioxane	ug/L	NA	NA	0.94 J	NA	R	NA
Volatile Organics (8260) - SIM Isotope Dilution							
1,4-Dioxane	ug/L	NA	NA	0.76 U	NA	0.76 U	NA
Volatile Organics (8260B)							
1,4-Dioxane	ug/L	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/L	0.5 U	0.52 U	0.6 U	0.52 U	0.6 U	NA
1,1-Dichloroethene	ug/L	0.5 U	0.45 U	0.83 U	0.45 U	0.83 U	NA
cis-1,2-Dichloroethene	ug/L	0.5 U	0.65 U	0.75 U	0.65 U	0.75 U	NA
Tetrachloroethene	ug/L	0.5 U	0.34 U	0.65 U	0.34 U	0.65 U	NA
Trichloroethene	ug/L	0.5 U	0.28 U	0.71 U	0.99 I	0.71 U	NA

APPENDIX D-4
HISTORICAL SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

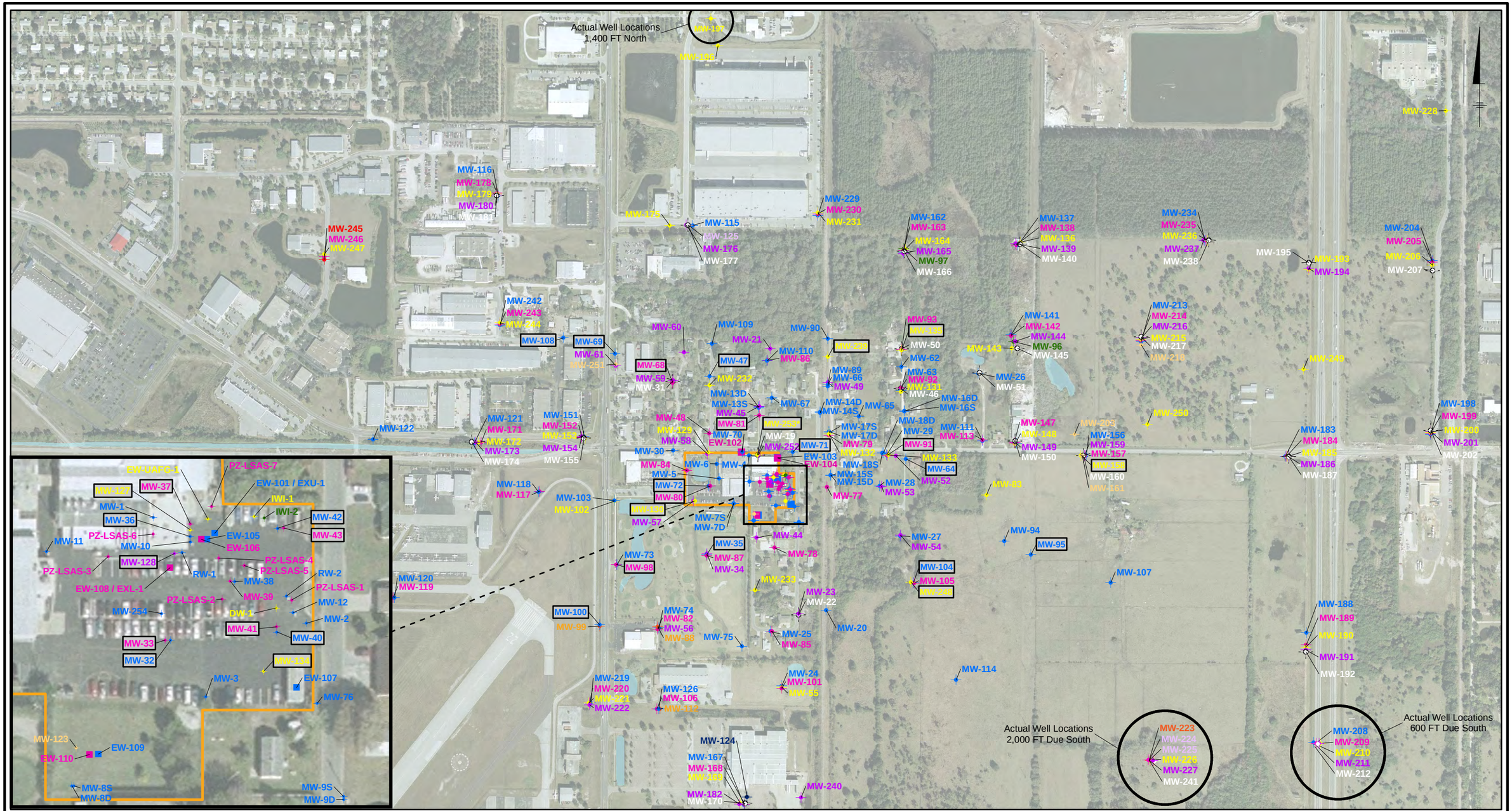
2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA

Notes:
AF Gravel = Arcadian Formation Gravels
LSAS = Lower Shallow Aquifer System
Lower AF = Lower Arcadia Formation
S&P Sand = Salt & Pepper sands
USAS = Upper Surficial Aquifer System
ug/L = micrograms per liter
C = Identification confirmed by gas chromatograph/mass spectrometer (GC/MS).
I = Detected but below reporting limit. Result is an estimated concentration.
J = Estimated value.
L = Estimated value, biased low.
R = Rejected.
U = The analyte was analyzed for, but not detected.
UJ = The analyte was analyzed for, but not detected. The reporting limit is an estimated value.
[ ] = Duplicate sample result.

ARCADIS

Appendix E

Concentration vs. Time Graphs for Representative Wells



Extraction Wells (USAS)
Extraction Wells (LSAS)
Extraction Wells (AF Gravel)
Monitoring Wells (USAS)
Monitoring Wells (Hardstreak Clay)
Monitoring Wells (LSAS)
Monitoring Wells (Venice Clay)
Monitoring Wells (Zone 1 Clay)
Monitoring Wells (AF Gravel)
Monitoring Wells (Zone 2 Clay)
Monitoring Wells (S&P Sand)
Monitoring Wells (Zone 3-4 Clay)
Monitoring Wells (Lower AF)
Monitoring Wells (Floridan)

Former ABC Facility
Ponds
MW-100 Wells Selected for Concentration Versus Time Graphs

Note:
*: Indicates well is planned for future graphing

0 300 600 Feet
GRAPHIC SCALE

FORMER AMERICAN BERYLLIUM COMPANY SITE
TALLEVAST, FLORIDA
2008 GROUNDWATER MONITORING REPORT

REPRESENTATIVE WELLS SELECTED FOR CONCENTRATION VERSUS TIME GRAPHS

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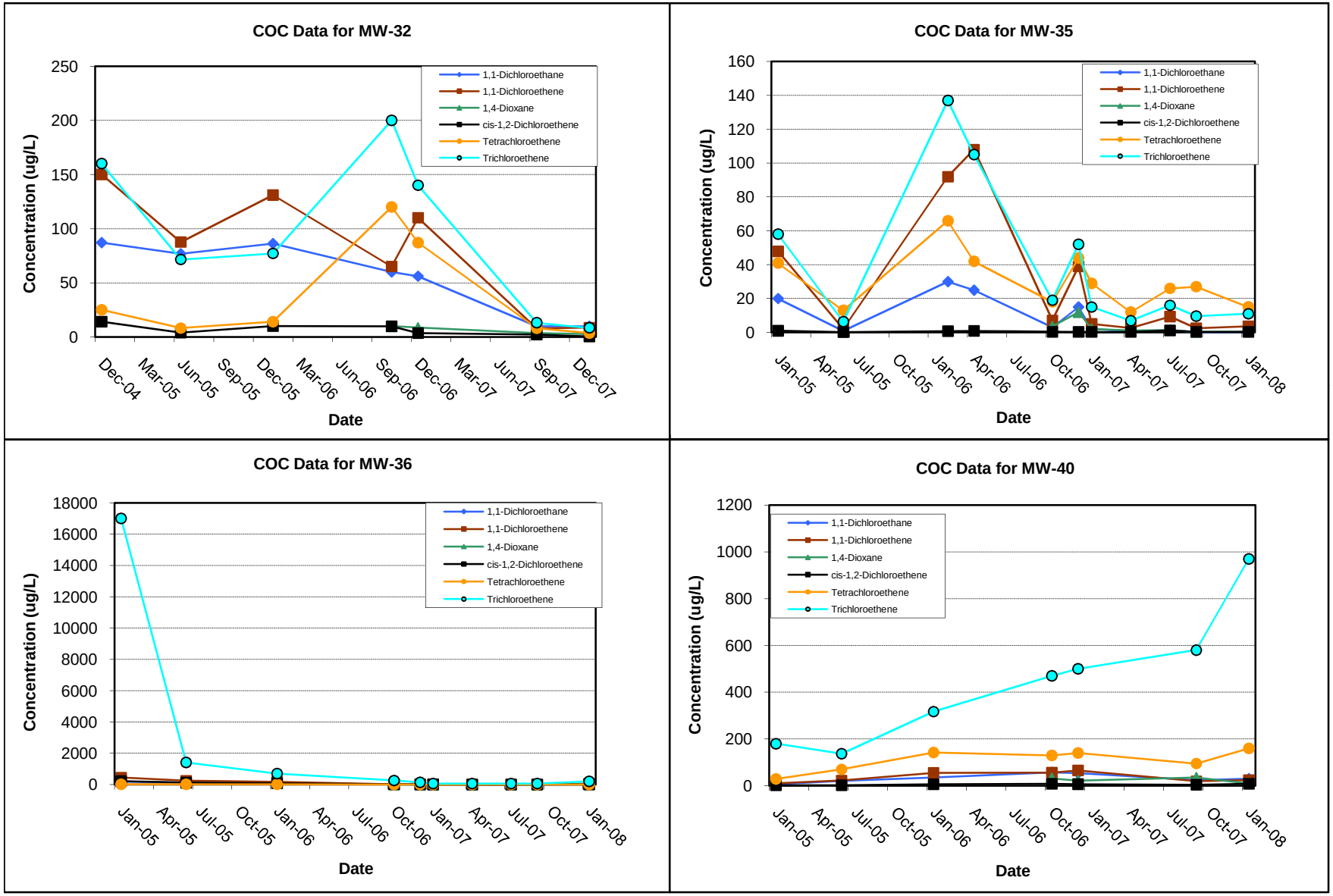
FIGURE
E-1

DEN-080 MSS
Project #: B0038055.0000

APPENDIX E
CONCENTRATION VS. TIME GRAPHS FOR SELECTED MONITORING WELLS
USAS ZONE

2008 GROUNDWATER MONITORING REPORT
FORMER AMERICAN BERYLLIUM COMPANY SITE - TALLEVAST, FLORIDA



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CONCENTRATION VS. TIME GRAPHS FOR SELECTED MONITORING WELLS
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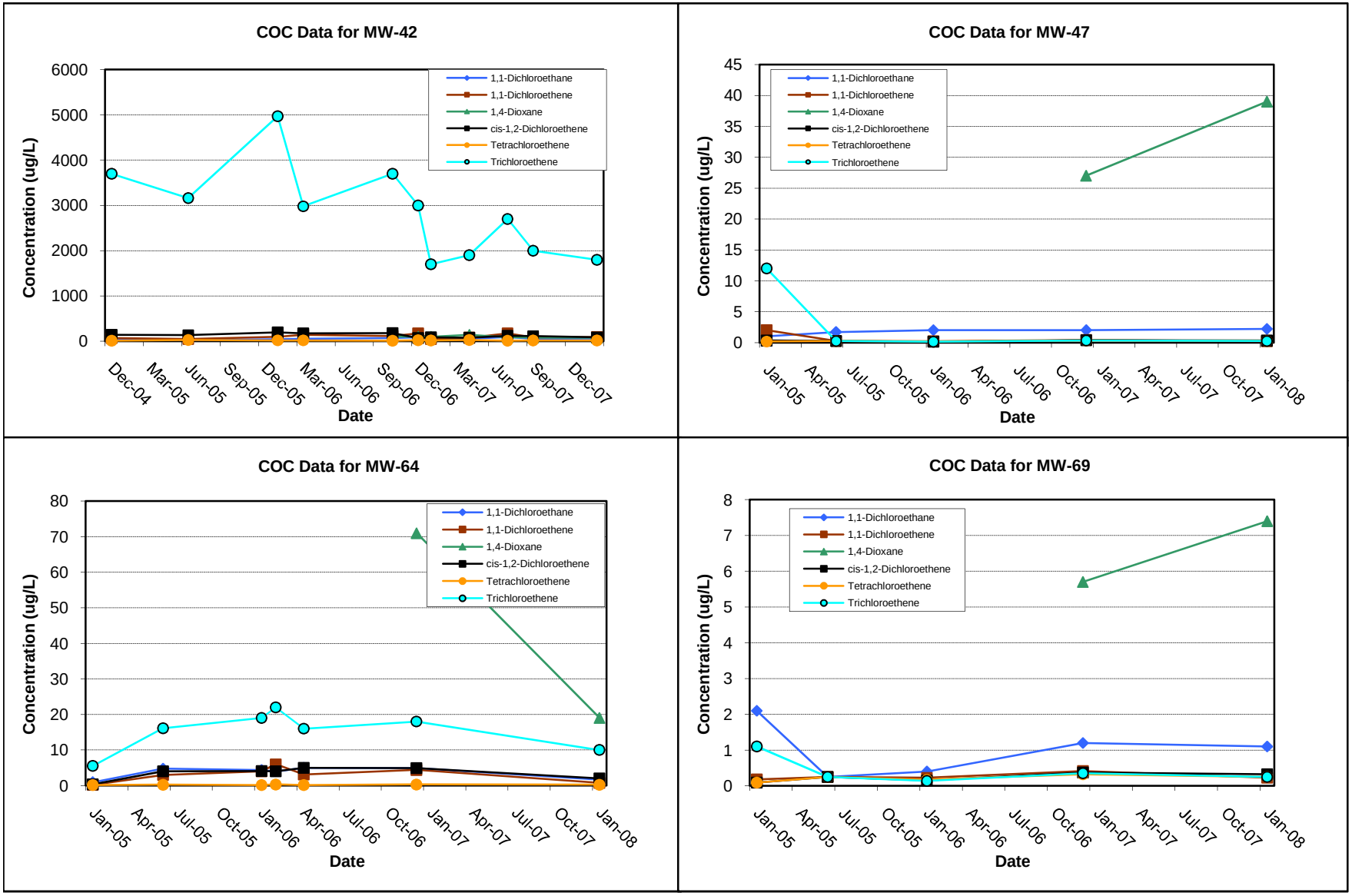

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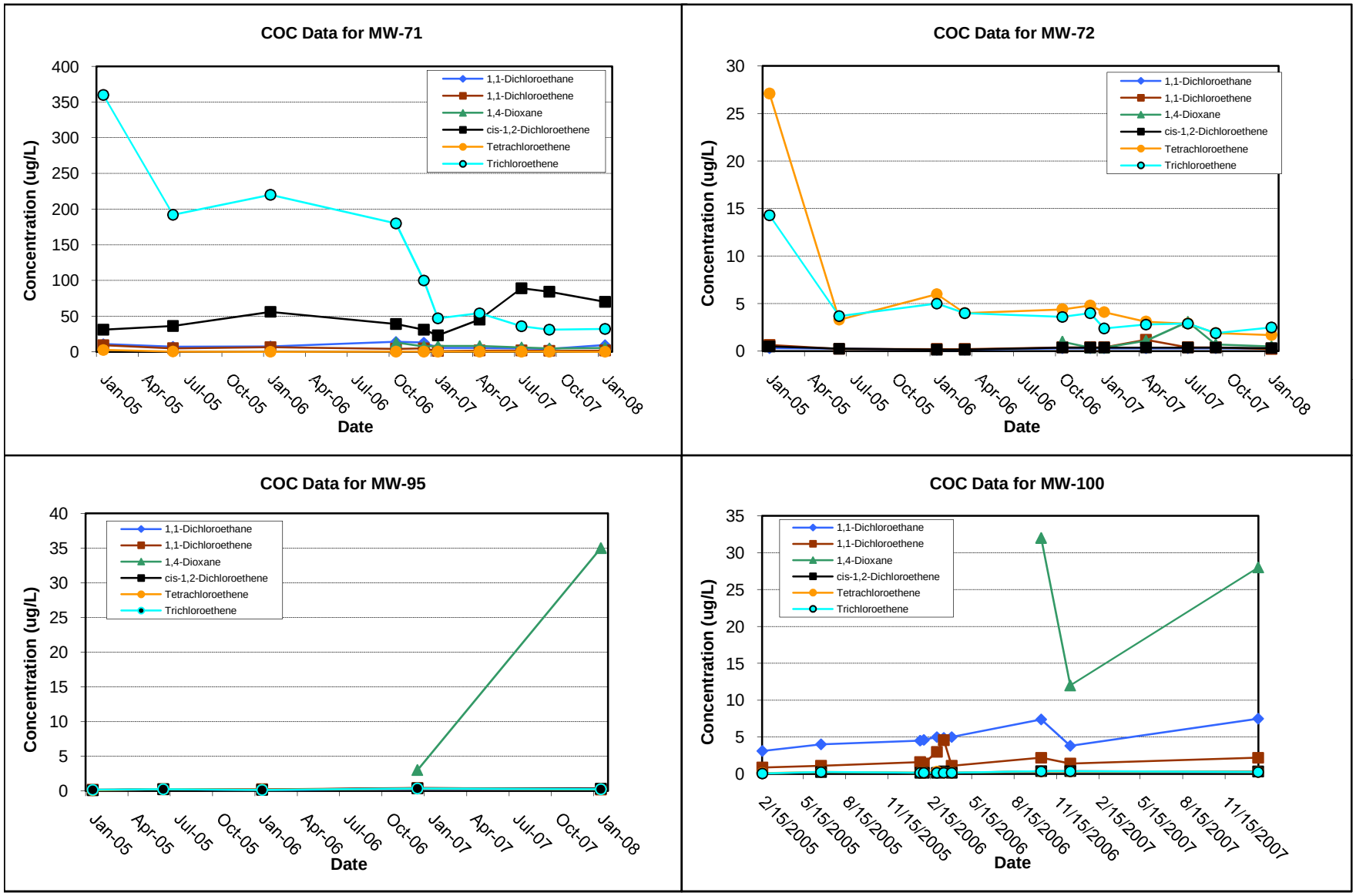

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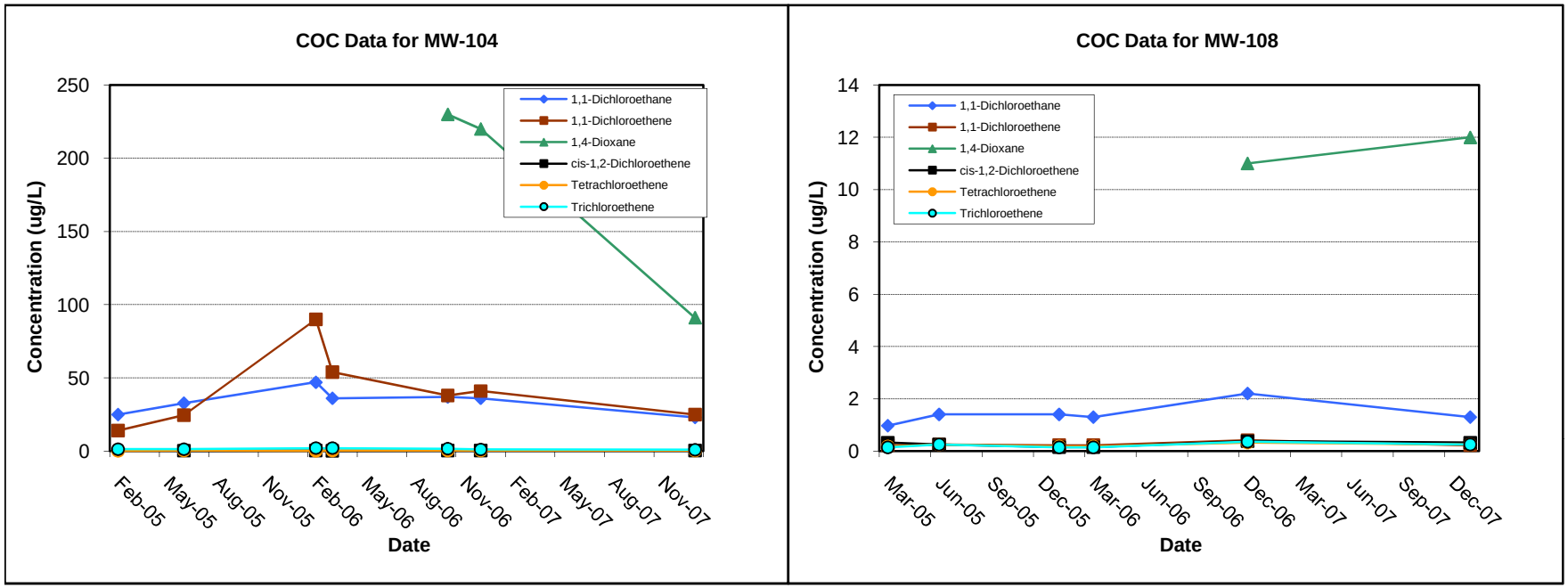

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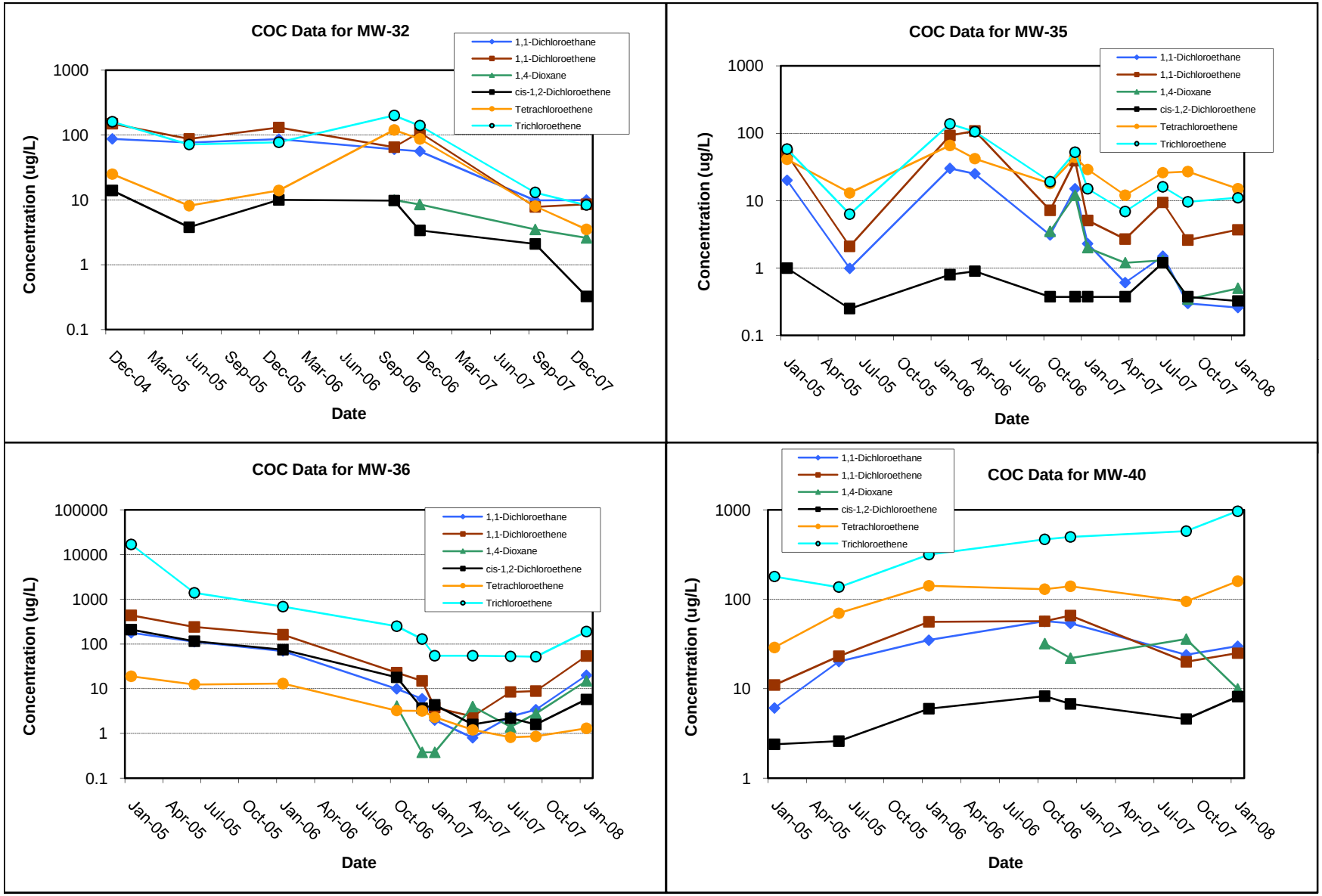

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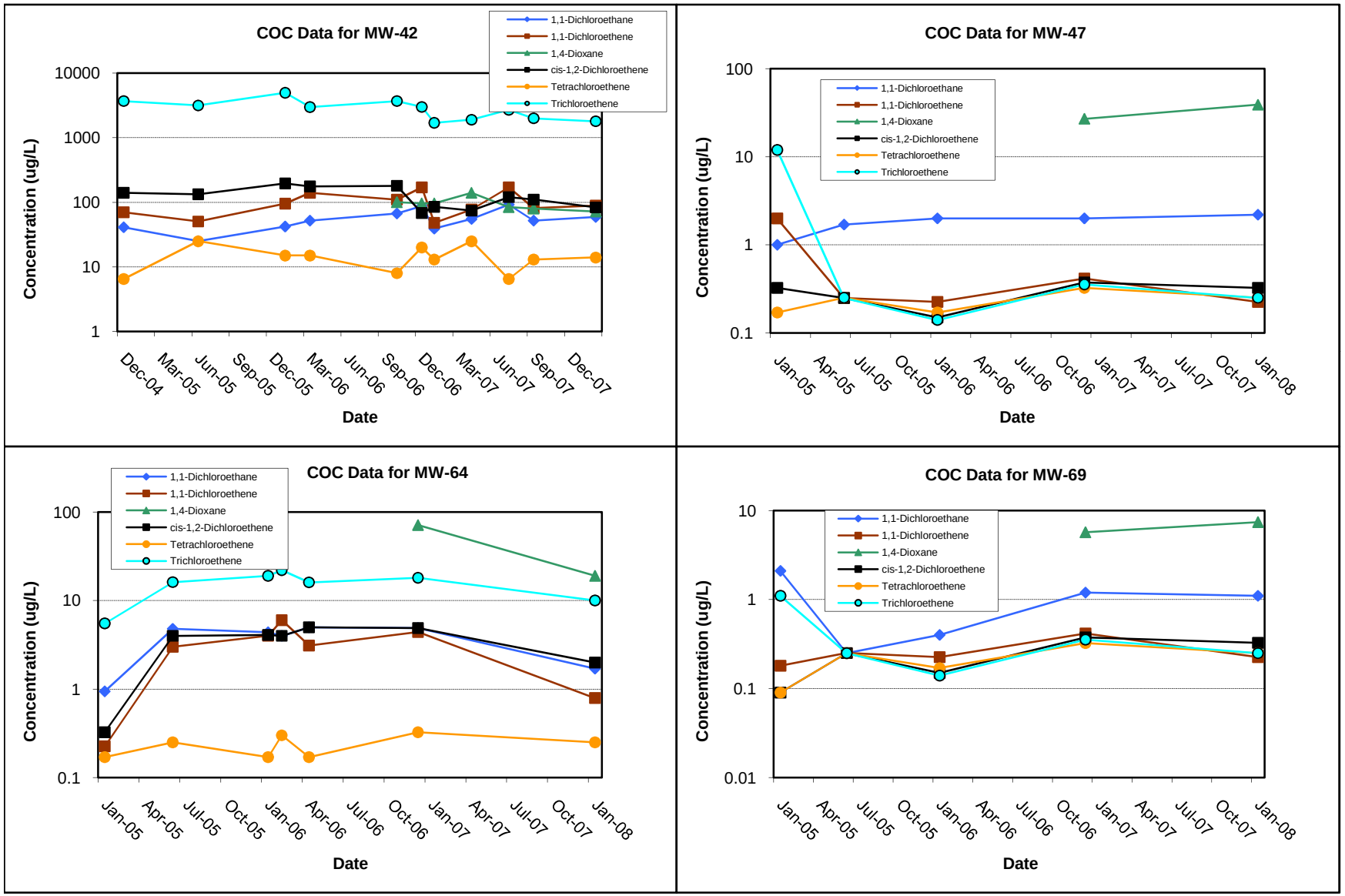

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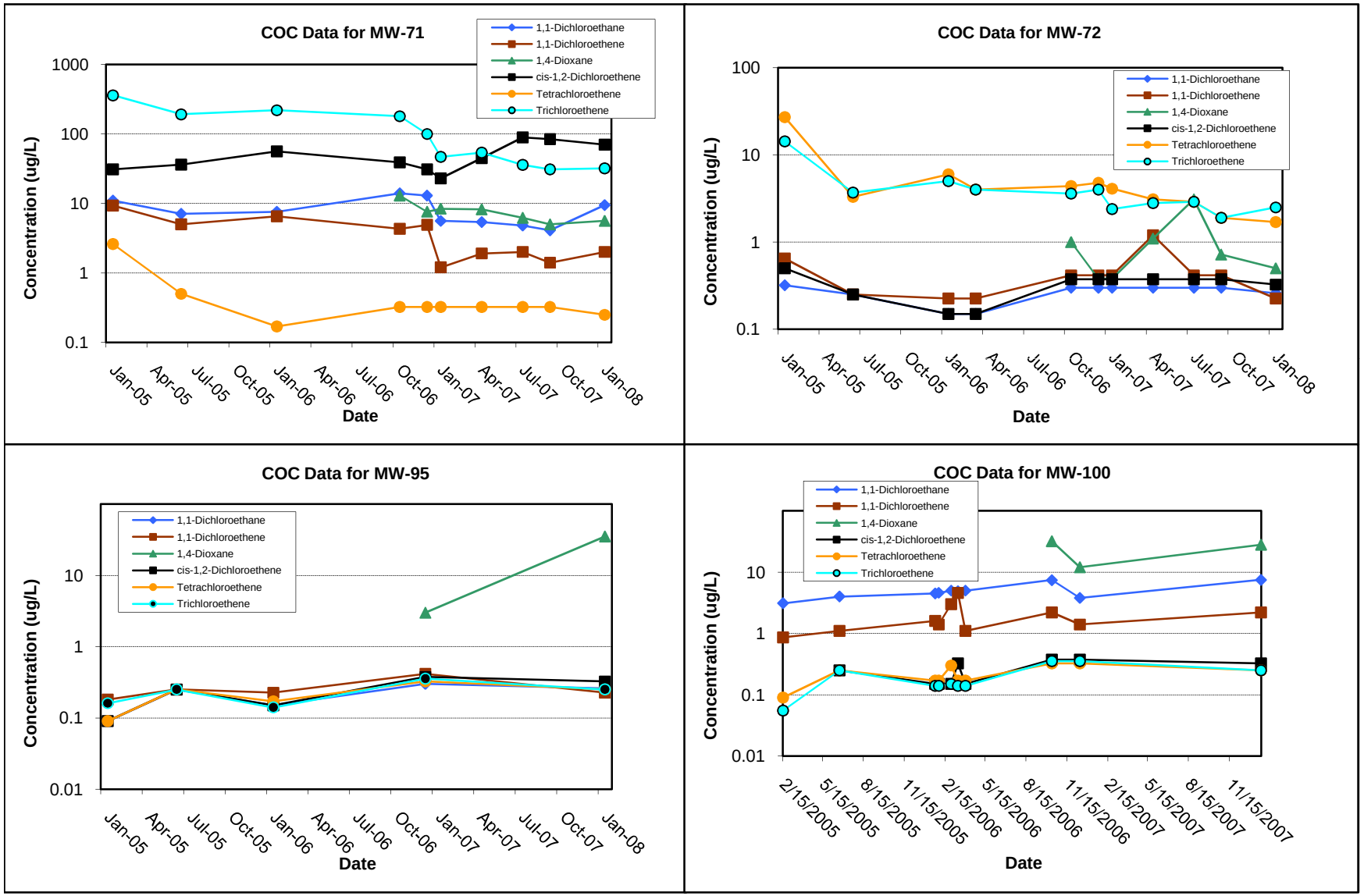

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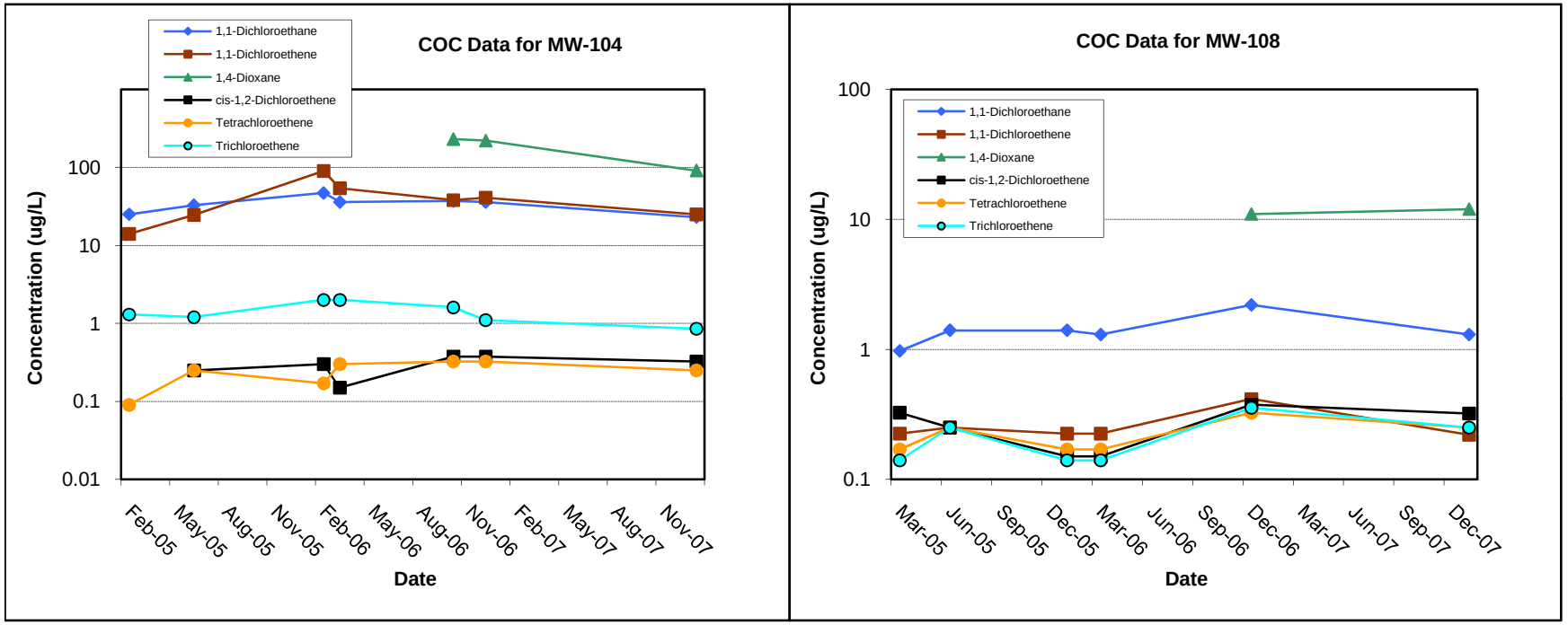

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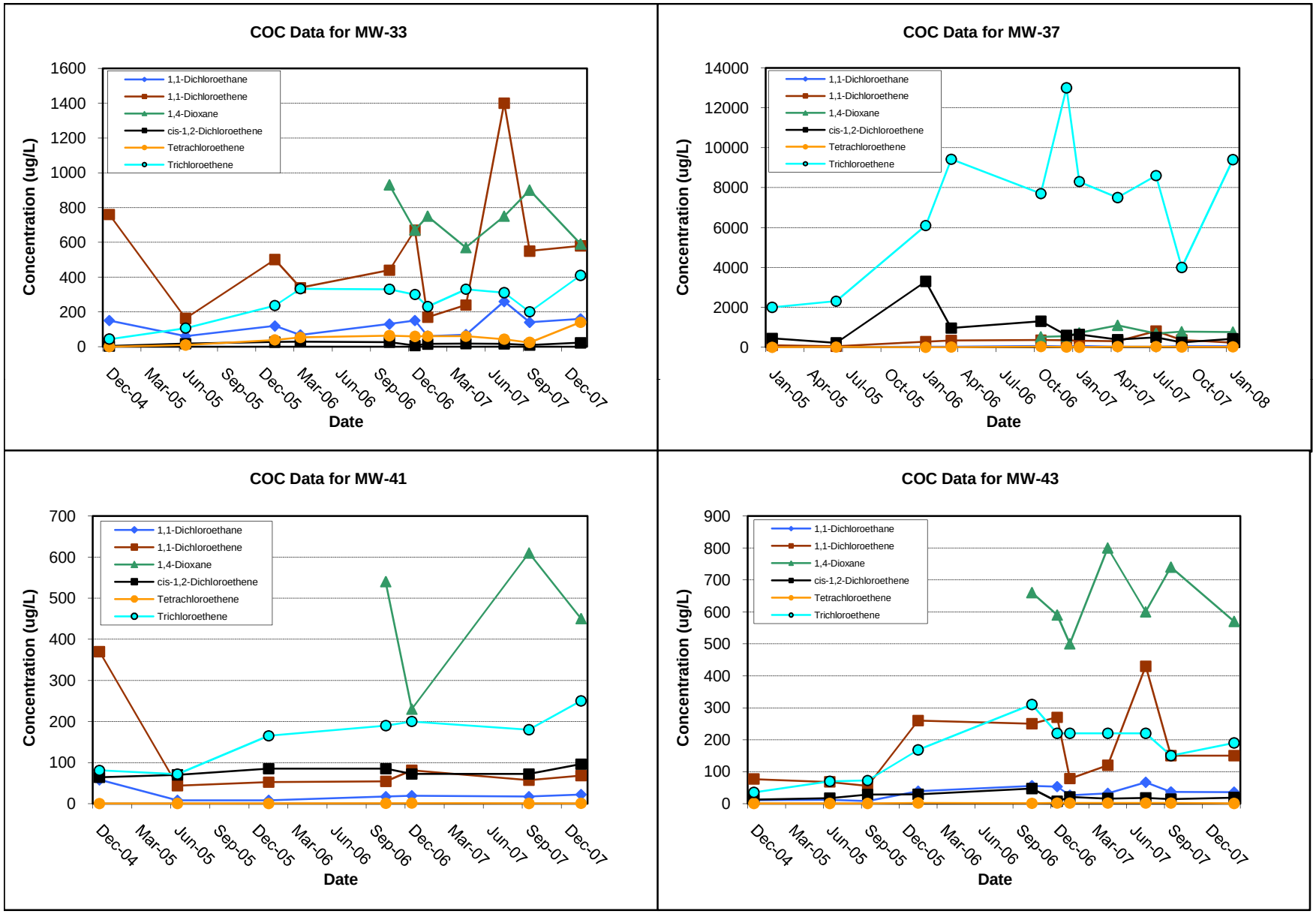

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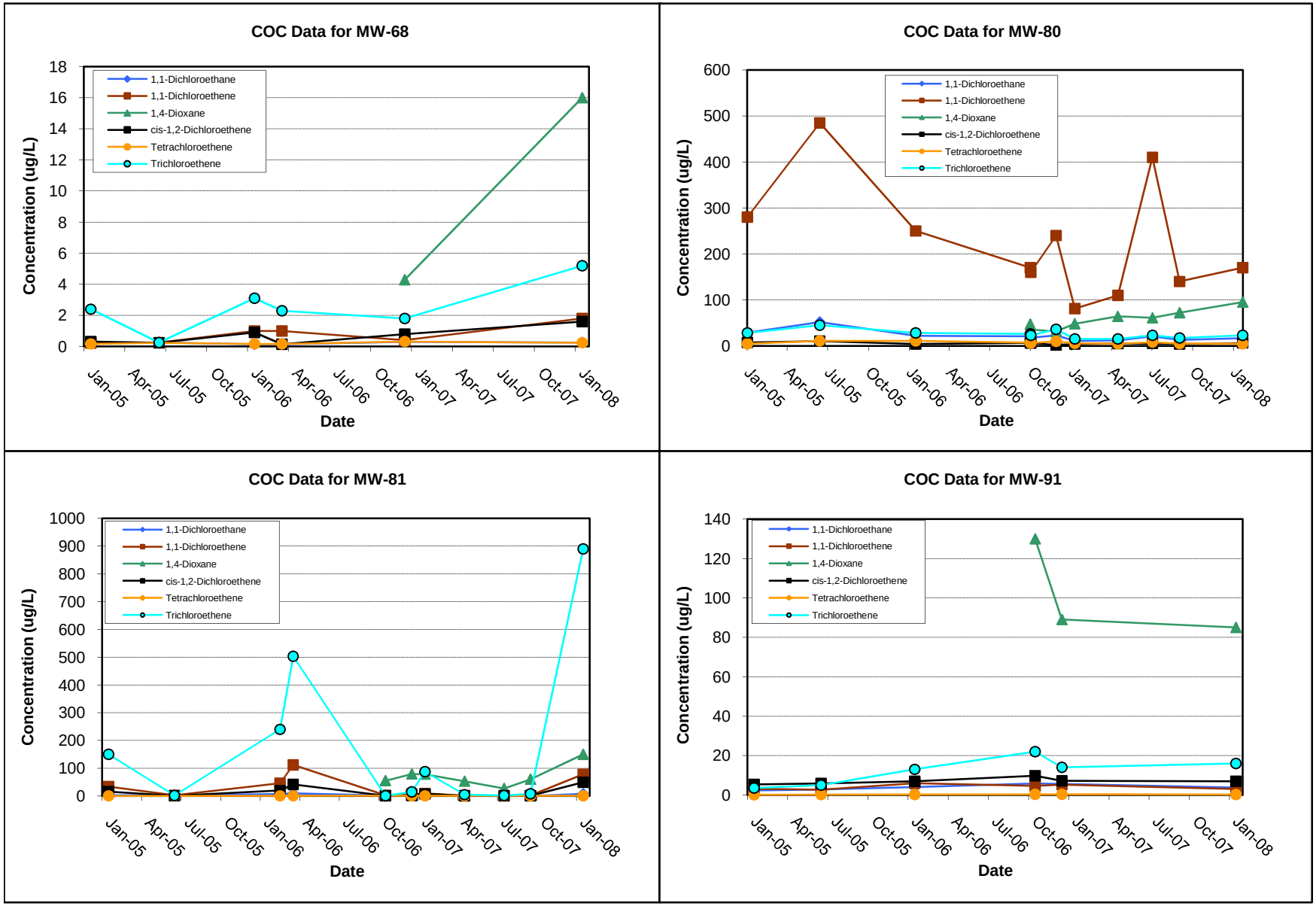

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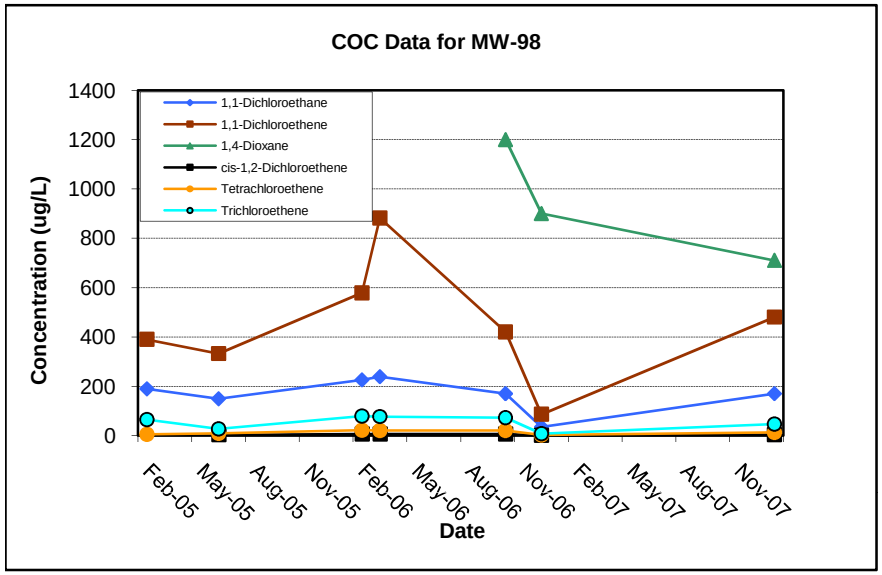

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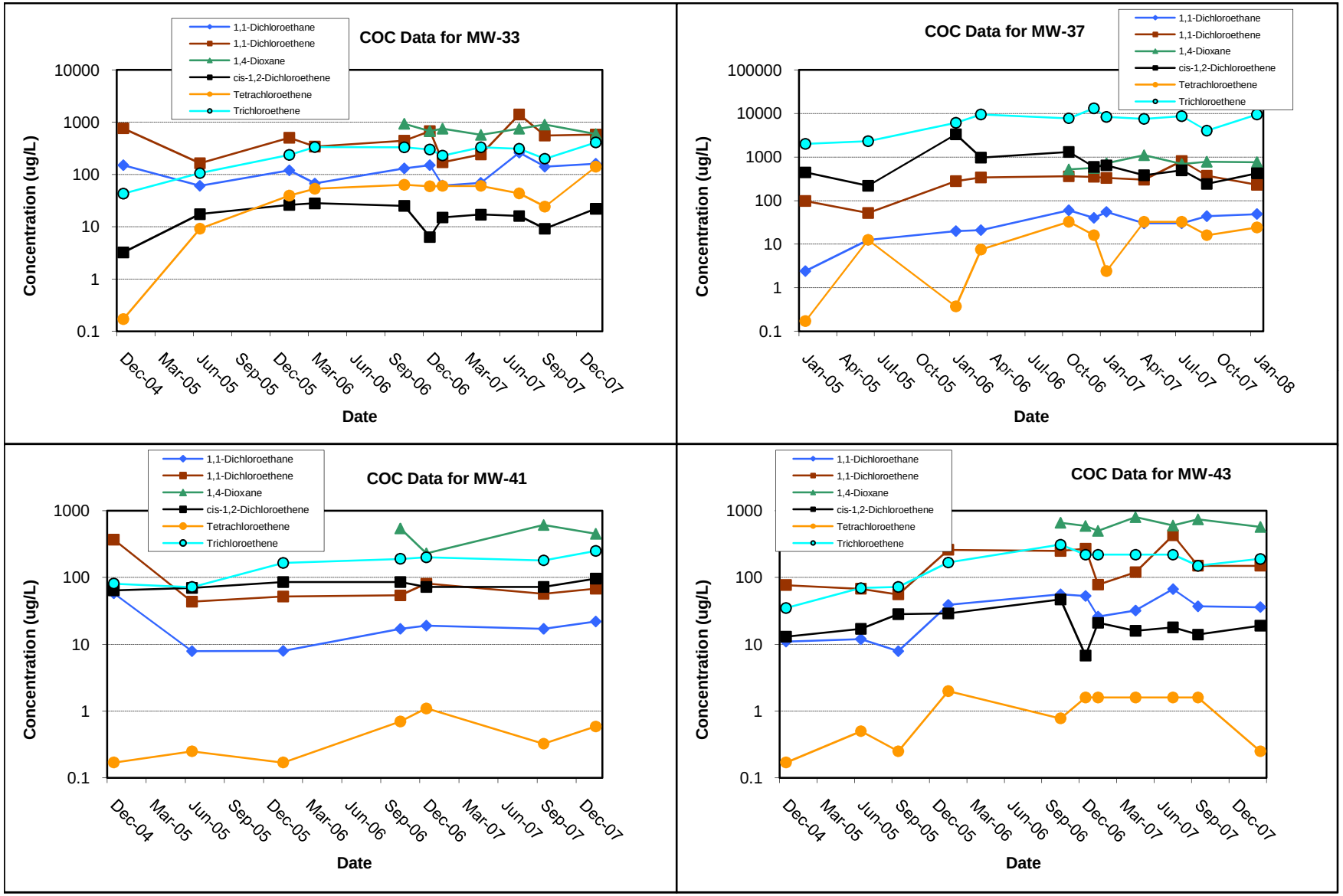

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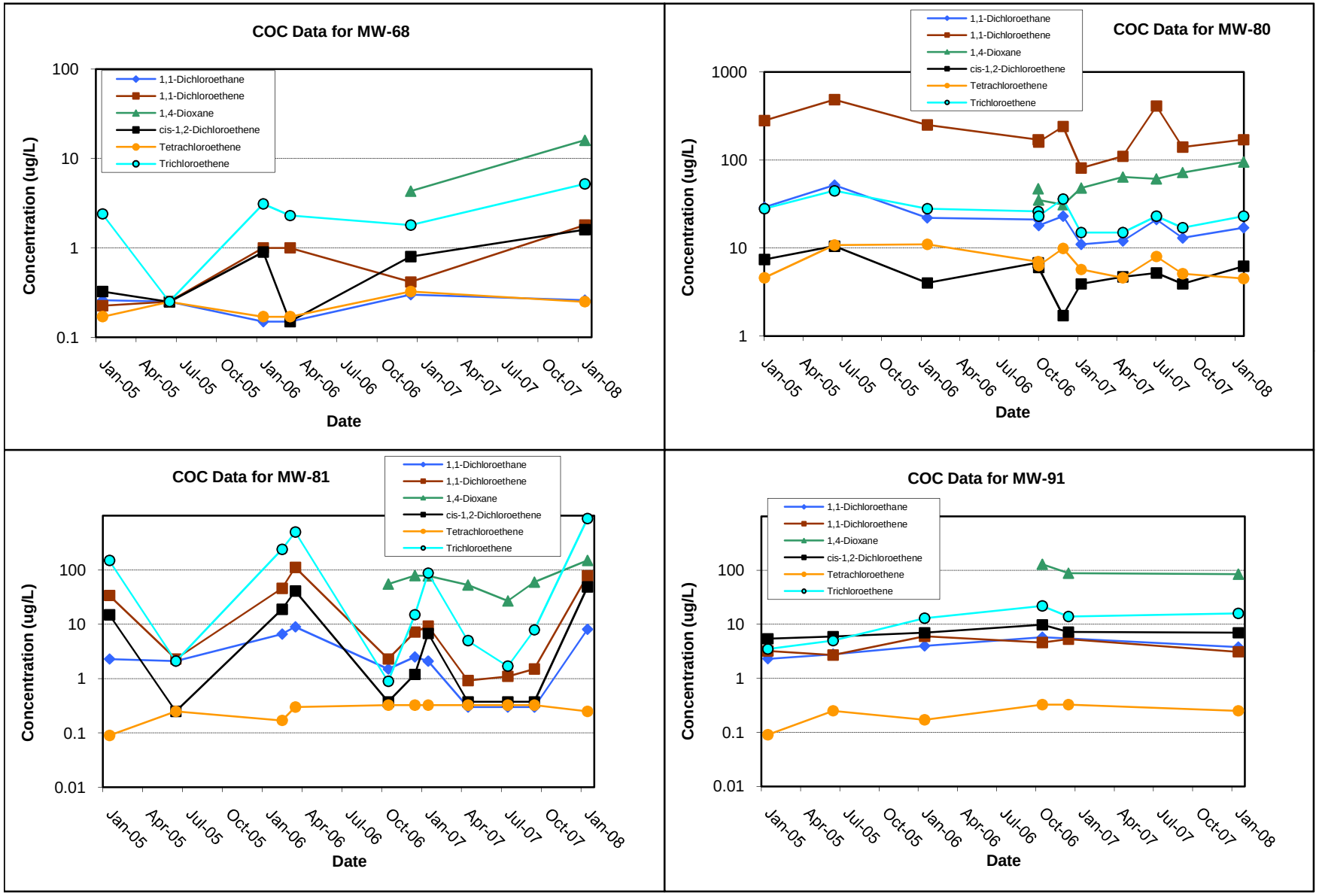

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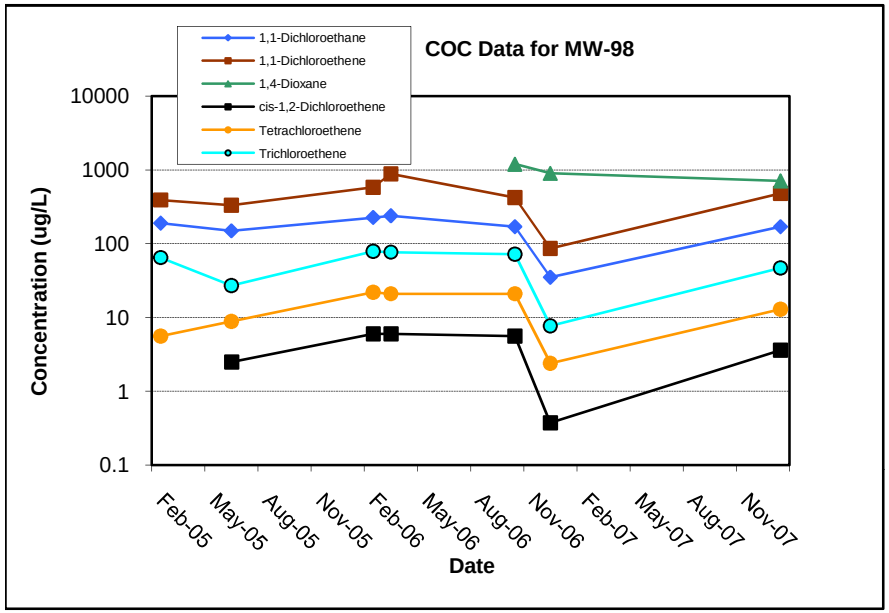

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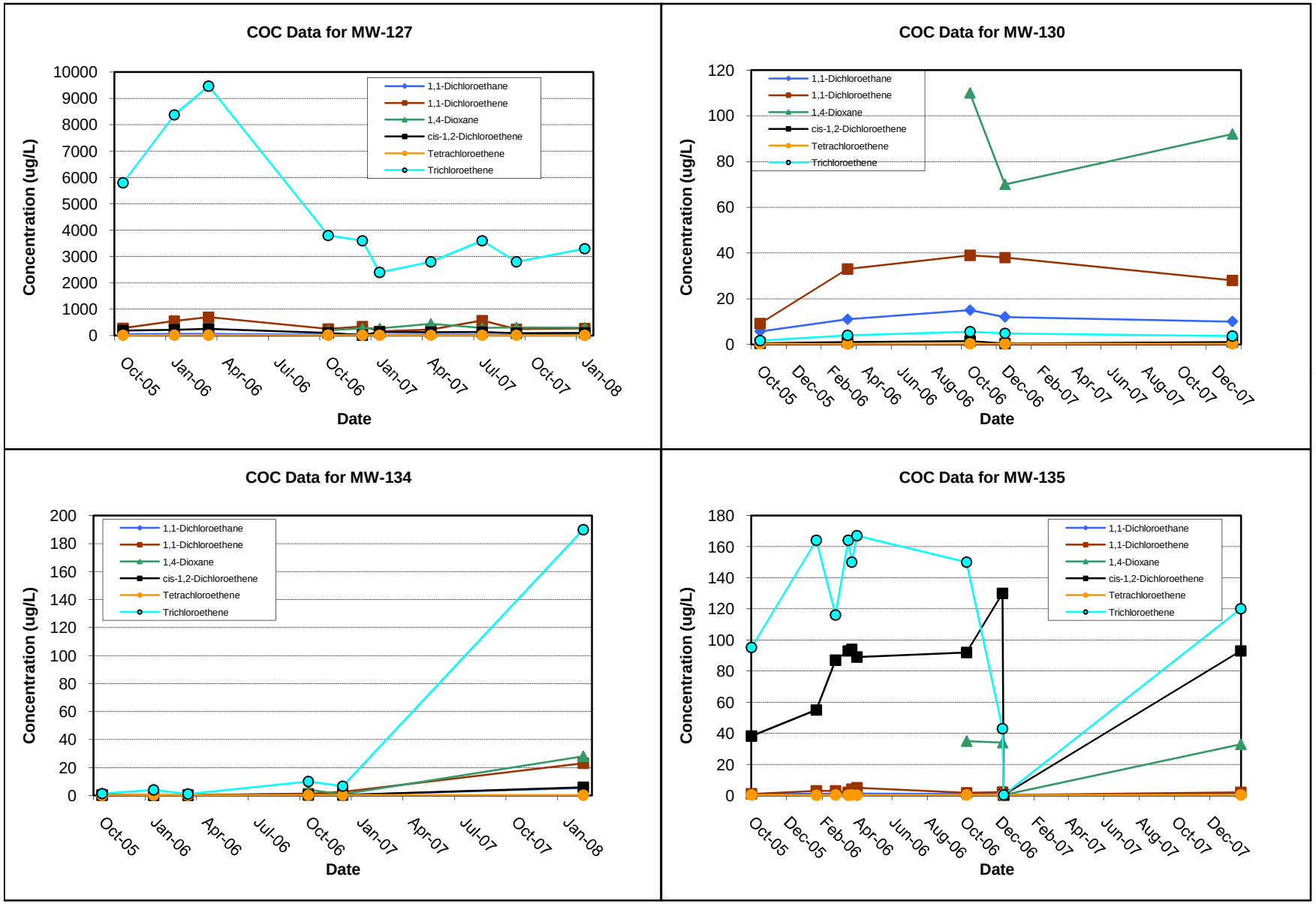

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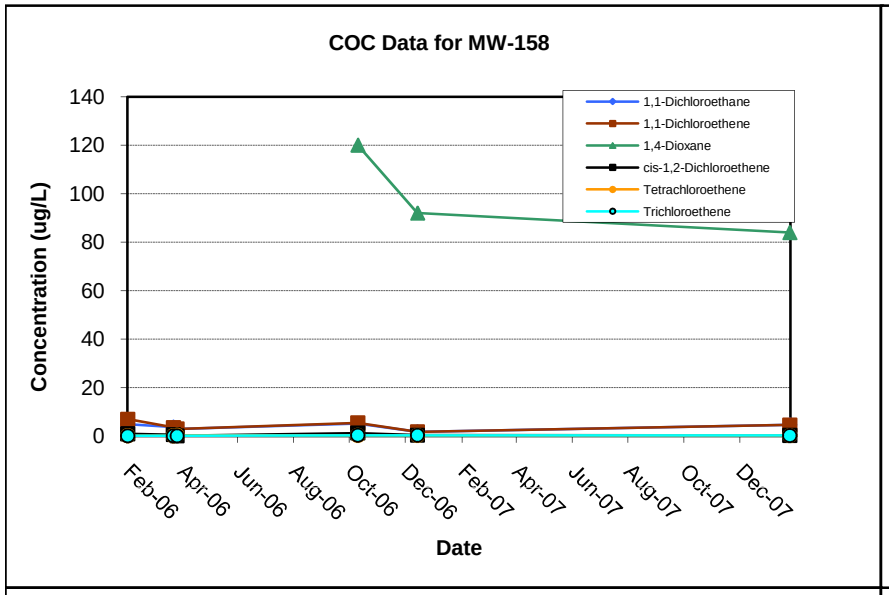

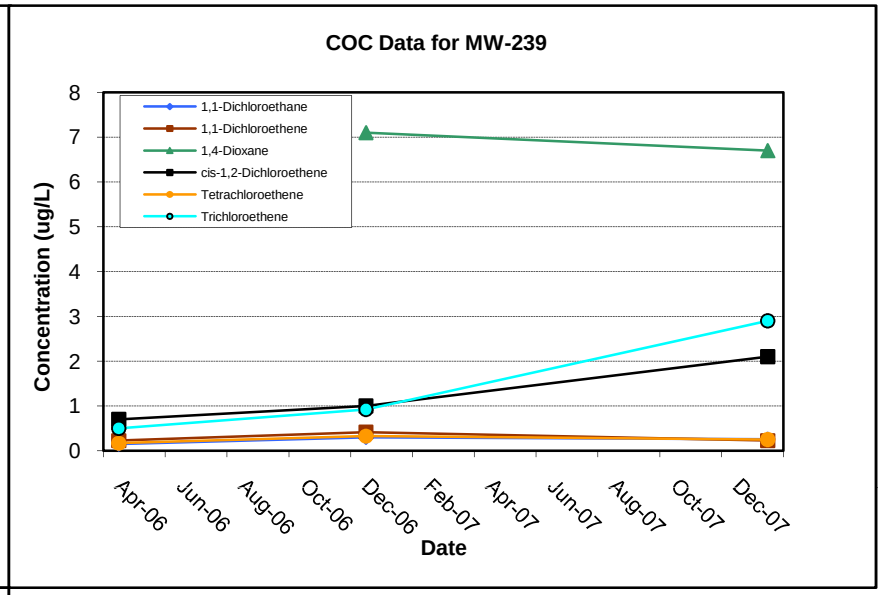

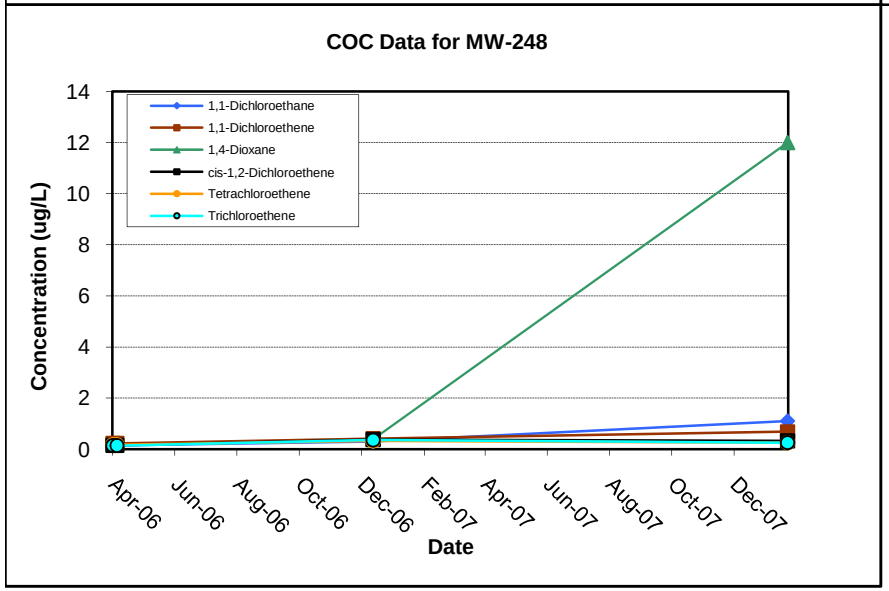

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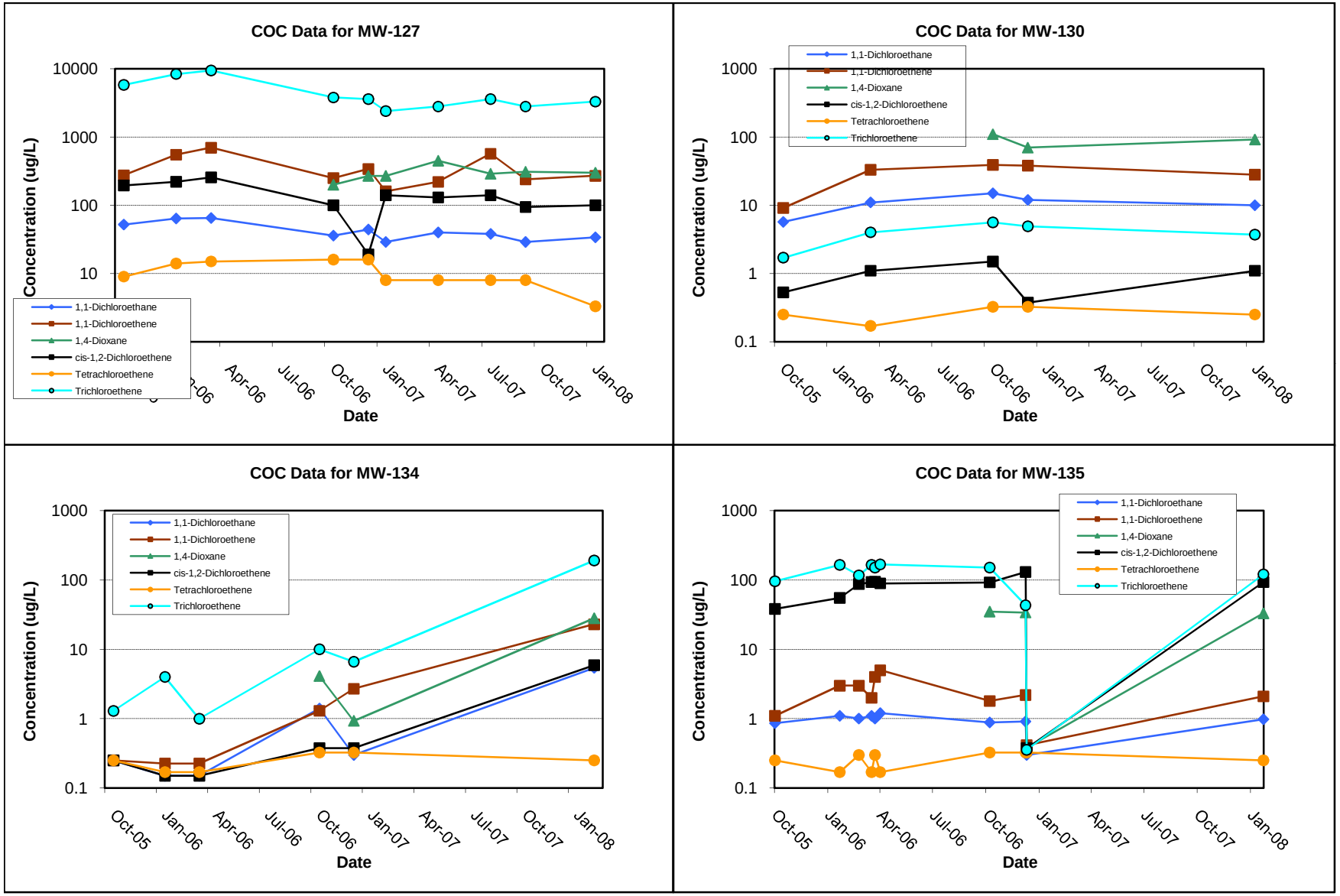

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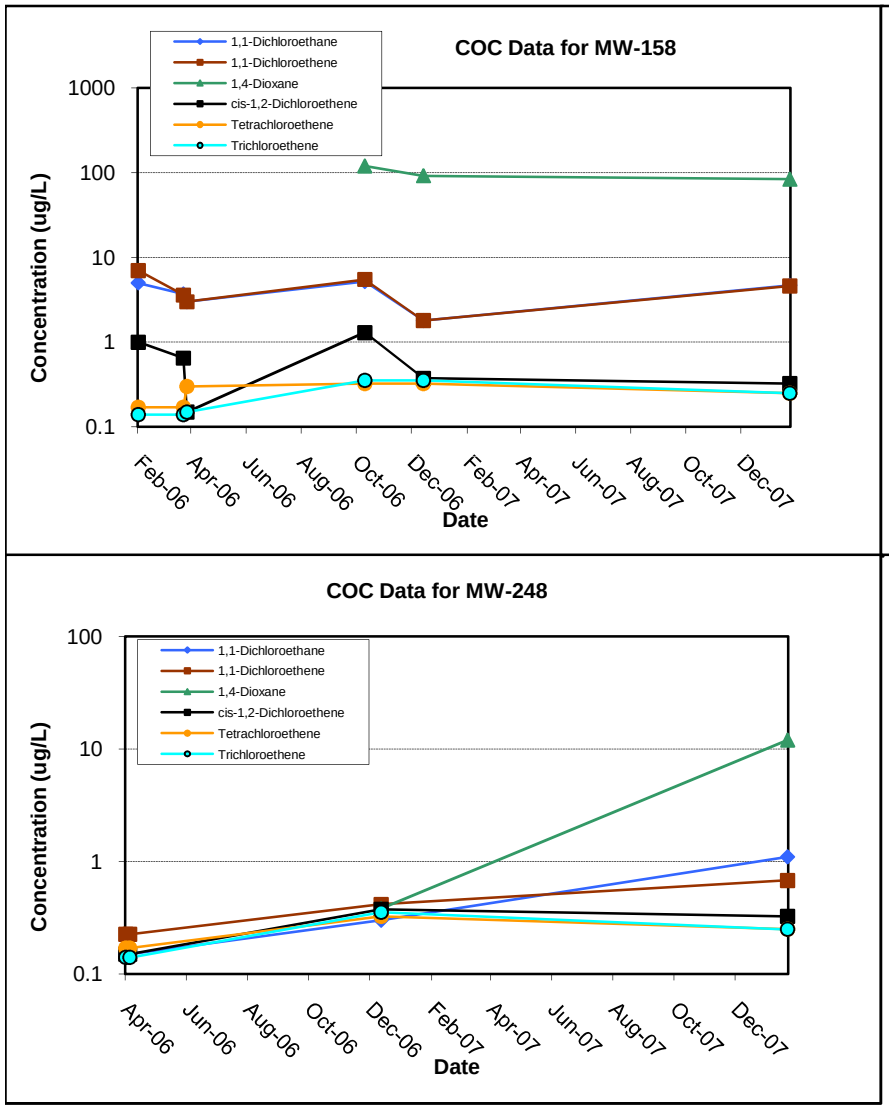

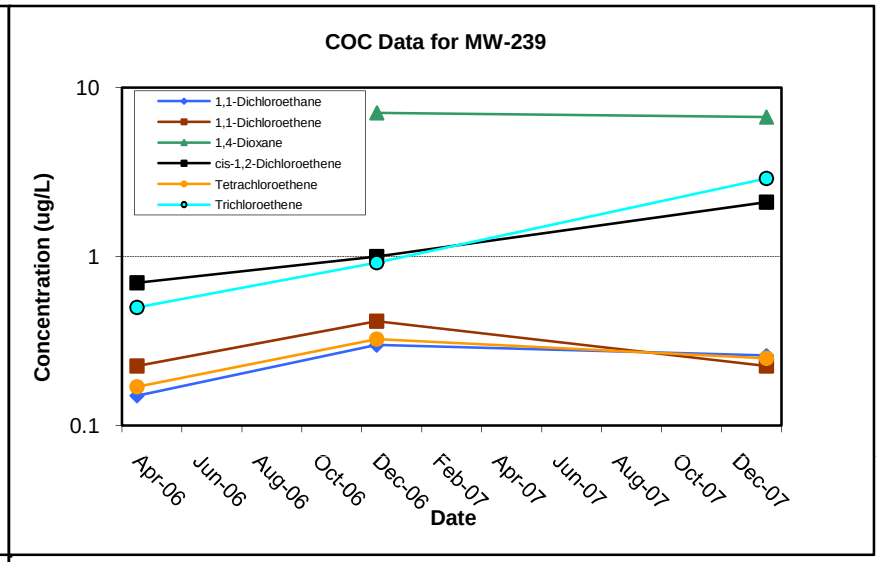

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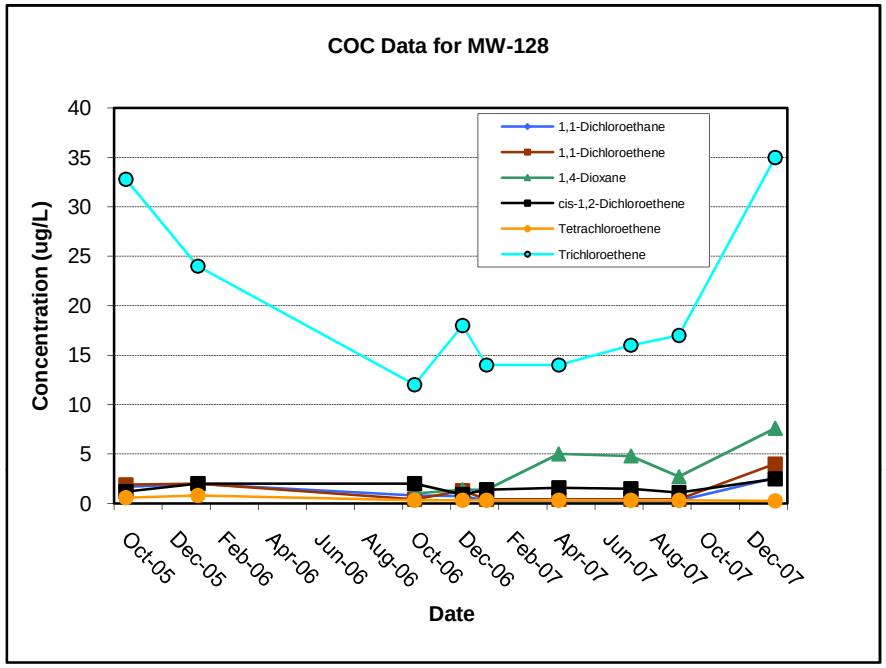

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