APPENDIX A

GROUNDWATER LEVELS

AND SAMPLE COLLECTION LOGS

Matrix Environmental Services
283 Rucker Street
Anniston, Alabama 36205
(256) 847-0780
(256) 847-0905

Project Name
McClellan

Project Number
21.094.22-11.1

GROUNDWATER LEVELS

Field Personnel	Measuring Equipment	Date
Tulley/Abernathy	Solinst Water Level Meter	9/19/22

Conditions
Sunney 90°

Well ID	Casing Diameter	Date	Time	Depth to Water (feet)	Well Depth (feet)	Water Column (feet)	Initials
CC-510-MW01	2"	9/19/2022	8:50	DRY	8.18	DRY	JT
CC-510-MW02	2"	9/19/2022	8:54	7.30	12.58	5.28	JT
CC-510-MW04	2"	9/19/2022	8:57	9.86	16.89	7.03	JT
CWM-183-MW01	2"	9/19/2022	9:20	32.00	51.71	19.71	JT
CWM-183-MW02	2'	9/19/2022	9:15	16.66	38.50	21.84	JT
CWM-183-MW03	2"	9/19/2022	9:50	10.60	18.11	7.51	JT
CWM-183-MW04	2"	9/19/2022	9:53	18.56	22.31	3.75	DA
CWM-183-MW05	2"	9/19/2022	9:35	12.93	13.00	0.07	JT
CWM-183-MW06	2"	9/19/2022	9:38	24.60	31.89	7.29	DA
CWM-183-MW07	2"	9/19/2022	10:02	19.14	19.35	0.21	DA
CWM-183-MW08	2"	9/19/2022	10:02	17.03	20.00	2.97	JT
CWM-183-MW09	2"	9/19/2022	10:07	26.89	27.80	0.91	JT
CWM-183-MW10	2"	9/19/2022	9:30	19.98	22.83	2.85	JT
CWM-183-MW11	2"	9/19/2022	9:31	27.73	102.00	74.27	DA
CWM-183-MW12	2"	9/19/2022	9:17	33.17	46.85	13.68	DA
CWM-183-MW13	2"	9/19/2022	9:55	20.56	57.95	37.39	DA
CWM-183-MW14	2"	9/19/2022	9:38	13.38	22.70	9.32	JT
CWM-183-MW15	2"	9/19/2022	9:43	11.97	25.45	13.48	JT
CWM-183-MW16	2"	9/19/2022	9:40	11.90	86.40	74.50	JT
CWM-183-MW17	2"	9/19/2022	9:47	10.67	46.60	35.93	JT
CWM-183-MW18	2"	9/19/2022	10:13	5.11	14.35	9.24	JT
CWM-183-MW19	2"	9/19/2022	10:15	7.66	99.56	91.90	JT
CWM-183-MW20	2"	9/19/2022	9:58	17.36	77.79	60.43	JT
CWM-183-MW21	2"	9/19/2022	8:55	31.19	41.58	10.39	DA
CWM-183-MW22	2"	9/19/2022	8:58	31.86	65.73	33.87	DA

***Unable to get water level due to obstruction.**

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GROUNDWATER LEVELS

Field Personnel	Measuring Equipment	Date
Tulley/Abernathy	Solinst Water Level Meter	9/19/2022

Conditions

Well ID	Casing Diameter	Date	Time	Depth to Water (feet)	Well Depth (feet)	Water Column (feet)	Initials
CWM-183-MW23	2"	9/19/2022	9:10	30.51	50.50	19.99	DA
CWM-183-MW24	2"	9/19/2022	8:47	24.77	31.24	6.47	DA
CWM-183-MW25	2"	9/19/2022	8:43	15.07	26.45	11.38	DA
CWM-183-MW26	2"	9/19/2022	9:07	12.51	22.68	10.17	JT
CWM-183-MW27	2"	9/19/2022	9:03	10.50	67.86	57.36	JT
CWM-183-MW28	2"	9/19/2022	10:05	20.94	200.80	179.86	DA
CWM-183-MW29	2"	9/19/2022	9:25	21.90	98.95	77.05	JT
CWM-183-MW30	2"	9/19/2022	8:35	8.92	190.11	181.19	JT
CWM-183-MW31	2"	9/19/2022	8:30	7.61	204.80	197.19	JT
CWM-183-MW32	2"	9/19/2022	9:36	23.47	43.00	19.53	DA
CWM-183-MW33	2"	9/19/2022	9:50	19.30	30.26	10.96	DA
CWM-183-MW34	2"	9/19/2022	9:34	27.94	59.00	31.06	DA
CWM-183-MW35	2"	9/19/2022	9:47	19.12	41.76	22.64	DA
T6-AS-01	4"	9/19/2022	10:05	21.51	85.90	64.39	JT
T6-AS-02	4"	9/19/2022	10:07	23.18	86.80	63.62	JT
T6-AS-03	4"	9/19/2022	10:08	25.11	80.00	54.89	DA
T6-AS-04	4"	9/19/2022	9:41	27.31	80.60	53.29	DA
T6-AS-05	4"	9/19/2022	9:28	27.69	80.00	52.31	DA
T6-AS-06	4"	9/19/2022	9:25	26.22	83.50	57.28	DA
T6-AS-07	4"	9/19/2022	9:22	25.99	75.00	49.01	DA
T6-AS-08	4"	9/19/2022	9:20	27.57	76.40	48.83	DA
T6-SVE-01	4"	9/19/2022	8:51	DRY	33.00	DRY	DA
T6-SVE-02	4"	9/19/2022	9:55	17.61	24.50	6.89	JT
T6-SVE-03	4"	9/19/2022	9:02	31.79	38.00	6.21	DA
T6-SVE-04	4"	9/19/2022	10:05	19.32	28.81	9.49	JT

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Project Name
McClellan

Project Number
21.094.22-11.1

GROUNDWATER LEVELS

Field Personnel	Measuring Equipment	Date
Tulley/Abernathy	Solinst Water Level Meter	9/19/2022

Conditions

Well ID	Casing Diameter	Date	Time	Depth to Water (feet)	Well Depth (feet)	Water Column (feet)	Initials
T6-SVE-05	4"	9/19/2022	9:06	30.05	42.37	12.32	DA
T6-SVE-06	4"	9/19/2022	9:58	DRY	19.38	DRY	DA
T6-SVE-07	4"	9/19/2022	9:14	32.6	36.95	4.35	DA
T6-SVE-08	4"	9/19/2022	9:44	DRY	14.88	DRY	DA

Matrix ENVIRONMENTAL

Matrix Environmental Services
283 Rucker Street
Anniston, AL 36205
(256) 847-0780

Station Name/Sample ID	
CWM-183-MW04	
Project	**Project Number**
McClellan	21.094.22-11.1

GROUNDWATER SAMPLING LOG

Groundwater Depth (TOC) 18.89 feet	**Sample Method** Low Flow	**Sampler** D. Abernathy	**Date** 9/20/2022
Well Depth (TOC) 22 feet		**Location (Site)** T-6	**Begin Time** 15:30
	Equipment Geotech Bladder Pump, Geotech Geocontrol Pro	**Laboratory** Test America	**Sample Depth** 21.0
Water Column Thickness 3.11 feet		**Sample Suite** See COCs	
Casing Diameter 2 inches	**Temperature (°F)** 92°	**Meters** YSI Pro Plus, Geotech Water Level Meter, Micro TPW Turbidimeter	**Serial numbers**
Casing Volume 0.50 gallons	**Weather Conditions** Sunny	**Calibration** Field 9/20/2022	**Ferrous Iron (Fe II) (mg/L)** Not Applicable
1"=x0.04 2"=x0.16 4"=x0.65 6"=x1.47 8"=x10.4			
Well Elevation (TOC) 789.6 feet			
Groundwater Elevation 770.71 feet	**Parameter Stabilization** temp +/- 1° DO +/- 10% Turbidity +/- 10% cond +/- 3% ORP +/- 10mV pH +/- 0.1 unit	**Product Observed (yes/no)** Not Applicable	**Depth to product** Not Applicable

Time	Volume removed (mL)	Temp (°C)	Cond (µS/cm)	DO (mg/L)	ORP (mV)	TDS (g/L)	Turbidity (NTU)	pH	Description		
									clarity	color	odor
1535	0	25.0	536	5.2	-37	0.35	90	6.2	Cloudy	Brown	None
1540	200	25.3	538	5.4	-39	0.35	84	6.2	Cloudy	Brown	None
1545	200	24.7	541	5.0	-43	0.35	73	6.3	Cloudy	Brown	None
1550	200	24.0	541	4.9	-41	0.35	30	6.2	Clear	Clear	None
1555	200	23.1	541	4.7	-43	0.35	28	6.2	Clear	Clear	None
1600	200	22.3	546	4.7	-49	0.35	24	6.3	Clear	Clear	None
1605	200	21.8	544	4.7	-47	0.35	20	6.2	Clear	Clear	None
1610	200	21.7	543	4.7	-44	0.35	19	6.2	Clear	Clear	None
1615	Collect Sample										

Total Time (min.)	Total Volume Removed	Well pumped dry (yes/no)	Notes
40	1400		

QA/QC Samples N/A

Signature

Matrix ENVIRONMENTAL

Matrix Environmental Services
283 Rucker Street
Anniston, AL 36205
(256) 847-0780

Station Name/Sample ID	
CWM-183-MW06	
Project	**Project Number**
McClellan	21.094.22-11.1

GROUNDWATER SAMPLING LOG

Groundwater Depth (TOC) 24.6 feet	**Sample Method** Low Flow	**Sampler** J. Tulley	**Date** 9/21/2022
Well Depth (TOC) 31.89 feet		**Location (Site)** T-6	**Begin Time** 11:15
Water Column Thickness 7.29 feet	**Equipment** Geotech Bladder Pump Geotech Geocontrol PRO	**Laboratory** Test America	**Sample Depth** 29.0
		Sample Suite See COCs	
Casing Diameter 2 inches	**Temperature (°F)** 90	**Meters** YSI Pro Plus Geotech Water Level Meter	**Serial numbers**
Casing Volume 1.17 gallons 1"=x0.04 2"=x0.16 4"=x0.65 6"=x1.47 8"=x10.4	**Weather Conditions** Sunny	**Calibration** Field 9/21/2022	**Ferrous Iron (Fe II) (mg/L)** N/A
Well Elevation (TOC) 810.92 feet			
Groundwater Elevation 786.32 feet	**Parameter Stabilization** temp +/- 1° DO +/- 10% Turbidity +/- 10% cond +/- 3% ORP +/- 10mV pH +/- 0.1 unit	**Product Observed (yes/no)** Not Applicable	**Depth to product** Not Applicable

Time	Volume removed (mL)	Temp (°C)	Cond (µS/cm)	DO (mg/L)	ORP (mV)	TDS (g/L)	Turbidity (NTU)	pH	Description		
									clarity	color	odor
11:25	0	21.8	253	0.5	34	0.16	57	6.2	Cloudy	Clear	None
11:30	500	21.7	258	0.4	23	0.17	43	6.2	Cloudy	Clear	None
11:35	500	21.7	259	0.3	18	0.17	30	6.2	Clear	Clear	None
11:40	500	21.7	262	0.3	20	0.17	29	6.2	Clear	Clear	None
11:45	500	21.4	261	0.3	22	0.17	31	6.2	Clear	Clear	None
11:50	500	21.5	261	0.3	22	0.17	29	6.2	Clear	Clear	None
11:55	500	21.7	261	0.3	23	0.17	31	6.2	Clear	Clear	None
11:56	Collecting Sample Suite										

Total Time (min.)	Total Volume Removed	Well pumped dry (yes/no)	Notes
30	3000	No	

QA/QC Samples

Signature J. Tulley 9-21-22

Matrix ENVIRONMENTAL

Matrix Environmental Services
283 Rucker Street
Anniston, AL 36205
(256) 847-0780

Station Name/Sample ID	
CWM-183-MW08	
Project	**Project Number**
McClellan	21.094.22-11.1

GROUNDWATER SAMPLING LOG

Groundwater Depth (TOC) 17.03 feet	**Sample Method** Low Flow	**Sampler** J. Tulley	**Date** 9/21/2022
Well Depth (TOC) 19.97 feet		**Location (Site)** T-6	**Begin Time** 7:45
Water Column Thickness 2.94 feet	**Equipment** Geotech Bladder Pump	**Laboratory** Test America	**Sample Depth** 17.0
		Sample Suite See COCs	
Casing Diameter 2 inches	**Temperature (°F)** 70	**Meters** YSI 556 MPS Solinst Water Level Meter Geotech Geocontrol PRO	**Serial numbers**
Casing Volume 0.47 gallons 1"=x0.04 2"=x0.16 4"=x0.65 6"=x1.47 8"=x10.4	**Weather Conditions** Sunny	**Calibration** Field 9/21/2022	**Ferrous Iron (Fe II) (mg/L)** N/A
Well Elevation (TOC) 798.76 feet			
Groundwater Elevation 781.73 feet	**Parameter Stabilization** temp +/- 1° DO +/- 10% Turbidity +/- 10% cond +/- 3% ORP +/- 10mV pH +/- 0.1 unit	**Product Observed (yes/no)** N/A	**Depth to product** N/A

Time	Volume removed (mL)	Temp (°C)	Cond (µS/cm)	DO (mg/L)	ORP (mV)	TDS (g/L)	Turbidity (NTU)	pH	Description		
									clarity	color	odor
8:00	0	19.2	454	0.7	-23	0.30	7	6.3	Clear	Clear	None
8:05	500	19.3	456	0.7	-26	0.30	7	6.3	Clear	Clear	None
8:10	500	19.6	459	0.5	-29	0.30	6	6.4	Clear	Clear	None
8:15	500	19.7	459	0.5	-29	0.30	6	6.4	Clear	Clear	None
8:20	500	19.8	459	0.4	-30	0.30	4	6.4	Clear	Clear	None
8:25	500	19.9	461	0.4	-31	0.30	3	6.4	Clear	Clear	None
8:30	500	20.1	462	0.4	-32	0.30	4	6.4	Clear	Clear	None
8:35	500	20.0	462	0.4	-33	0.30	4	6.4	Clear	Clear	None
8:40	500	20.2	463	0.4	-33	0.30	4	6.4	Clear	Clear	None
8:41			Collecting Sample Suite								

Total Time (min.)	Total Volume Removed	Well pumped dry (yes/no)	Notes
40	4000	No	

QA/QC Samples N/A

Signature J. T. 9-21-22

Matrix ENVIRONMENTAL

Matrix Environmental Services
283 Rucker Street
Anniston, AL 36205
(256) 847-0780

Station Name/Sample ID	
CWM-183-MW11	
Project	**Project Number**
McClellan	21.094.22-11.1

GROUNDWATER SAMPLING LOG

Groundwater Depth (TOC) 27.77 feet	**Sample Method** Low Flow	**Sampler** D. Abernathy	**Date** 9/21/2022
Well Depth (TOC) 101.95 feet		**Location (Site)** T-6	**Begin Time** 7:45
	Equipment Geotech Bladder Pump, Geotech Geocontrol Pro	**Laboratory** Test America	**Sample Depth** 90.0
Water Column Thickness 74.18 feet		**Sample Suite** See COCs	
Casing Diameter 2 inches	**Temperature (°F)** 69°	**Meters** YSI Pro Plus, Geotech Water Level Meter, Micro TPW Turbidimeter	**Serial numbers**
Casing Volume 11.87 gallons	**Weather Conditions** Sunny	**Calibration** Field 9/21/202	**Ferrous Iron (Fe II) (mg/L)** N/A
1"=x0.04 2"=x0.16 4"=x0.65 6"=x1.47 8"=x10.4			
Well Elevation (TOC) 809.25 feet			
Groundwater Elevation 781.48 feet	**Parameter Stabilization** temp +/- 1° DO +/- 10% Turbidity +/- 10% cond +/- 3% ORP +/- 10mV pH +/- 0.1 unit	**Product Observed (yes/no)** N/A	**Depth to product** N/A

Time	Volume removed (mL)	Temp (°C)	Cond (µS/cm)	DO (mg/L)	ORP (mV)	TDS (g/L)	Turbidity (NTU)	pH	Description		
									clarity	color	odor
0745	0	18.6	301	4.1	173	0.20	12	6.9	Clear	Clear	None
0750	500	18.0	323	8.1	86	0.21	16	7.0	Clear	Clear	None
0755	500	17.9	333	8.0	60	0.22	44	7.2	Clear	Clear	None
0800	500	17.8	339	7.1	-28	0.22	17	7.2	Clear	Clear	None
0805	500	17.9	341	6.7	-58	0.22	14	7.3	Clear	Clear	None
0810	500	18.1	342	6.3	-79	0.22	10	7.4	Clear	Clear	None
0815	500	18.5	343	6.0	-89	0.22	9	7.4	Clear	Clear	None
0820	500	18.6	343	5.8	-93	0.22	5	7.5	Clear	Clear	None
0825	500	18.8	343	5.6	-99	0.22	6	7.5	Clear	Clear	None
0830	500	18.9	344	5.4	-101	0.22	6	7.5	Clear	Clear	None
0835	500	19.0	344	5.3	-103	0.22	6	7.5	Clear	Clear	None
0840	Collect Sample										

Total Time (min.)	Total Volume Removed	Well pumped dry (yes/no)	Notes
55	5000	No	

QA/QC Samples N/A

Signature

Matrix ENVIRONMENTAL

Matrix Environmental Services
283 Rucker Street
Anniston, AL 36205
(256) 847-0780

Station Name/Sample ID	
CWM-183-MW13	
Project	**Project Number**
McClellan	21.094.22-11.1

GROUNDWATER SAMPLING LOG

Groundwater Depth (TOC) 20.58 feet	**Sample Method** Low Flow	**Sampler** D. Abernathy	**Date** 9/20/2022
Well Depth (TOC) 57.95 feet		**Location (Site)** T-6	**Begin Time** 14:05
Water Column Thickness 37.37 feet	**Equipment** Geotech Bladder Pump	**Laboratory** Test America	**Sample Depth** 45.0
		Sample Suite See COCs	
Casing Diameter 2 inches	**Temperature (°F)** 92°	**Meters** YSI Pro Plus Geotech Water Level Meter Geotech Geocontrol PRO	**Serial numbers**
Casing Volume 5.98 gallons 1"=x0.04 2"=x0.16 4"=x0.65 6"=x1.47 8"=x10.4	**Weather Conditions** Sunny	**Calibration** Field 9/20/2022	**Ferrous Iron (Fe II) (mg/L)** N/A
Well Elevation (TOC) 801.81 feet			
Groundwater Elevation 781.23 feet	**Parameter Stabilization** temp +/- 1° DO +/- 10% Turbidity +/- 10% cond +/- 3% ORP +/- 10mV pH +/- 0.1 unit	**Product Observed (yes/no)** N/A	**Depth to product** N/A

Time	Volume removed (mL)	Temp (°C)	Cond (µS/cm)	DO (mg/L)	ORP (mV)	TDS (g/L)	Turbidity (NTU)	pH	Description		
									clarity	color	odor
1405	0	26.5	268	4.4	-24	0.17	7	6.5	Clear	Clear	None
1410	500	23.2	286	1.1	-48	0.19	6	6.4	Clear	Clear	None
1415	500	22.6	287	0.6	-52	0.19	3	6.5	Clear	Clear	None
1420	500	22.7	286	0.4	-56	0.19	2	6.5	Clear	Clear	None
1425	500	22.2	286	0.4	-60	0.19	2	6.6	Clear	Clear	None
1430	500	22.0	287	0.3	-59	0.19	2	6.6	Clear	Clear	None
1435	500	22.0	287	0.4	-60	0.19	3	6.6	Clear	Clear	None
1440	500	21.9	287	0.4	-60	0.19	3	6.6	Clear	Clear	None
1445	Collect Sample										

Total Time (min.)	Total Volume Removed	Well pumped dry (yes/no)	Notes
40	3500	No	

QA/QC Samples MS/MSD

Signature

Matrix ENVIRONMENTAL

Matrix Environmental Services
283 Rucker Street
Anniston, AL 36205
(256) 847-0780

Station Name/Sample ID	
CWM-183-MW15	
Project	**Project Number**
McClellan	21.094.22.11.1

GROUNDWATER SAMPLING LOG

Groundwater Depth (TOC) 11.97 feet	**Sample Method** Low Flow	**Sampler** J. Tulley	**Date** 9/20/2022
Well Depth (TOC) 25.45 feet		**Location (Site)** T-6	**Begin Time** 12:20
Water Column Thickness 13.48 feet	**Equipment** Geotech Bladder Pump Geotech Ceocontrol Pro	**Laboratory** Test America	**Sample Depth** 18.0
		Sample Suite See COCs	
Casing Diameter 2 inches	**Temperature (°F)** 88	**Meters** YSI 556 MPS Solinst Water Level Meter Geotech Geocontrol PRO	**Serial numbers**
Casing Volume 2.16 gallons 1"=x0.04 2"=x0.16 4"=x0.65 6"=x1.47 8"=x10.4	**Weather Conditions** Sunny	**Calibration** Field 9/20/2022	**Ferrous Iron (Fe II) (mg/L)** N/A
Well Elevation (TOC) 793.21 feet			
Groundwater Elevation 781.24 feet	**Parameter Stabilization** temp +/- 1° DO +/- 10% Turbidity +/- 10% cond +/- 3% ORP +/- 10mV pH +/- 0.1 unit	**Product Observed (yes/no)** N/A	**Depth to product** N/A

Time	Volume removed (mL)	Temp (°C)	Cond (µS/cm)	DO (mg/L)	ORP (mV)	TDS (g/L)	Turbidity (NTU)	pH	Description		
									clarity	color	odor
12:40	0	23.4	318	0.7	-28	0.21	46	7.4	Cloudy	Clear	None
12:45	500	23.4	318	0.6	-37	0.21	51	7.4	Cloudy	Clear	None
12:50	500	23.5	318	0.5	-57	0.21	45	7.4	Cloudy	Clear	None
12:55	500	23.6	318	0.4	-65	0.21	41	7.4	Cloudy	Clear	None
13:00	500	24.0	318	0.4	-65	0.21	36	7.4	Cloudy	Clear	None
13:05	500	23.5	319	0.4	-64	0.21	39	7.4	Cloudy	Clear	None
13:10	500	23.4	319	0.4	-64	0.21	36	7.4	Cloudy	Clear	None
13:15	500	23.2	319	0.4	-63	0.21	37	7.4	Cloudy	Clear	None
13:16			Collecting Sample Suite								
						9.2					
						9-20-22					

Total Time (min.)	Total Volume Removed	Well pumped dry (yes/no)	Notes
35	3500	No	

QA/QC Samples	Signature
N/A	9.2

Matrix ENVIRONMENTAL

Matrix Environmental Services
283 Rucker Street
Anniston, AL 36205
(256) 847-0780

Station Name/Sample ID	
CWM-183-MW16	
Project	**Project Number**
McClellan	21.094.22-11.1

GROUNDWATER SAMPLING LOG

Groundwater Depth (TOC) 11.9 feet	**Sample Method** Low Flow	**Sampler** J. Tulley	**Date** 9/20/2022
Well Depth (TOC) 84 feet		**Location (Site)** T-6	**Begin Time** 11:10
	Equipment Geotech Bladder Pump	**Laboratory** Test America	**Sample Depth** 78.0
Water Column Thickness 72.1 feet		**Sample Suite** See COCs	
Casing Diameter 2 inches	**Temperature (°F)** 84	**Meters** YSI 556 MPS Solinst Water Level Meter Geotech Geocontrol PRO	**Serial numbers**
Casing Volume 11.54 gallons 1"=x0.04 2"=x0.16 4"=x0.65 6"=x1.47 8"=x10.4	**Weather Conditions** Sunny	**Calibration** Field 9/20/2022	**Ferrous Iron (Fe II) (mg/L)** N/A
Well Elevation (TOC) 793.13 feet			
Groundwater Elevation 781.23 feet	**Parameter Stabilization** temp +/- 1° DO +/- 10% Turbidity +/- 10% cond +/- 3% ORP +/- 10mV pH +/- 0.1 unit	**Product Observed (yes/no)** N/A	**Depth to product** N/A

Time	Volume removed (mL)	Temp (°C)	Cond (µS/cm)	DO (mg/L)	ORP (mV)	TDS (g/L)	Turbidity (NTU)	pH	Description		
									clarity	color	odor
1135	0	23.1	300	2.2	-30	0.19	5	7.5	Clear	Clear	None
1140	500	24.1	300	1.8	-36	0.20	5	7.5	Clear	Clear	None
1145	500	24.8	300	1.5	-39	0.20	5	7.5	Clear	Clear	None
1150	500	25.3	302	1.6	-47	0.20	5	7.6	Clear	Clear	None
1155	500	25.7	301	2.1	-39	0.20	5	7.6	Clear	Clear	None
1200	500	25.3	301	2.1	-32	0.20	5	7.6	Clear	Clear	None
1205	500	25.2	301	2.0	-31	0.20	5	7.6	Clear	Clear	None
1210	500	25.0	301	2.0	-31	0.20	5	7.6	Clear	Clear	None
1211			Collecting Sample Suite								

Total Time (min.)	Total Volume Removed	Well pumped dry (yes/no)	Notes
35	3500	No	

QA/QC Samples DUP402

Signature J. T 9-20-22

Matrix ENVIRONMENTAL

Matrix Environmental Services
283 Rucker Street
Anniston, AL 36205
(256) 847-0780

Station Name/Sample ID	
CWM-183-MW17	
Project	**Project Number**
McClellan	21.094.22-11.1

GROUNDWATER SAMPLING LOG

Groundwater Depth (TOC) 10.67 feet	**Sample Method** Low Flow	**Sampler** J. Tulley	**Date** 9/21/2022
Well Depth (TOC) 46.6 feet		**Location (Site)** T-6	**Begin Time** 9:00
	Equipment Geotech Bladder Pump Geotech Ceocontrol Pro	**Laboratory** Test America	**Sample Depth** 42.0
Water Column Thickness 35.93 feet		**Sample Suite** See COCs	
Casing Diameter 2 inches	**Temperature (°F)** 78	**Meters** YSI Pro Plus Solinst Water Level Meter Geotech Geocontrol PRO	**Serial numbers**
Casing Volume 5.75 gallons 1"=x0.04 2"=x0.16 4"=x0.65 6"=x1.47 8"=x10.4	**Weather Conditions** Sunny	**Calibration** Field 9/21/2022	**Ferrous Iron (Fe II) (mg/L)** N/A
Well Elevation (TOC) 790.78 feet			
Groundwater Elevation 780.11 feet	**Parameter Stabilization** temp +/- 1° DO +/- 10% Turbidity +/- 10% cond +/- 3% ORP +/- 10mV pH +/- 0.1 unit	**Product Observed (yes/no)** N/A	**Depth to product** N/A

Time	Volume removed (mL)	Temp (°C)	Cond (µS/cm)	DO (mg/L)	ORP (mV)	TDS (g/L)	Turbidity (NTU)	pH	Description		
									clarity	color	odor
9:10	0	19.6	516	1.1	-95	0.33	7	7.4	Clear	Clear	None
9:15	500	19.7	515	1.2	-102	0.33	8	7.5	Clear	Clear	None
9:20	500	19.7	514	1.1	-99	0.33	7	7.5	Clear	Clear	None
9:25	500	19.8	512	1.1	-95	0.33	10	7.4	Clear	Clear	None
9:30	500	19.6	511	1.2	-90	0.33	8	7.4	Clear	Clear	None
9:35	500	19.7	509	1.4	-83	0.33	10	7.4	Clear	Clear	None
9:40	500	19.7	506	1.3	-73	0.33	12	7.4	Clear	Clear	None
9:45	500	19.7	506	1.3	-72	0.33	12	7.4	Clear	Clear	None
9:50	500	20.0	505	1.4	-72	0.33	13	7.4	Clear	Clear	None
9:55	500	20.0	505	1.3	-72	0.33	12	7.4	Clear	Clear	None
9:56			Collecting Sample Suite								

Total Time (min.)	Total Volume Removed	Well pumped dry (yes/no)	Notes
45	4500	No	

QA/QC Samples N/A

Signature

Matrix ENVIRONMENTAL

Matrix Environmental Services
283 Rucker Street
Anniston, AL 36205
(256) 847-0780

Station Name/Sample ID	
CWM-183-MW19	
Project	**Project Number**
McClellan	21.094.22-11.1

GROUNDWATER SAMPLING LOG

Groundwater Depth (TOC) 7.72 feet	**Sample Method** Low Flow	**Sampler** D. Abernnathy	**Date** 9/20/2022
Well Depth (TOC) 99.56 feet		**Location (Site)** T-6	**Begin Time** 8:15
Water Column Thickness 91.84 feet	**Equipment** Geotech Bladder Pump Geotech Geocontrol Pro	**Laboratory** Test America	**Sample Depth** 90.0
		Sample Suite See COCs	
Casing Diameter 2 inches	**Temperature (°F)** 69°	**Meters** YSI Pro Plus Geotech Water Level Meter Micro TPW Tturbidimeter	**Serial numbers**
Casing Volume 14.69 gallons 1"=x0.04 2"=x0.16 4"=x0.65 6"=x1.47 8"=x10.4	**Weather Conditions** Overcast	**Calibration** Field 9/20/222	**Ferrous Iron (Fe II) (mg/L)** N/A
Well Elevation (TOC) 787.06 feet			
Groundwater Elevation 779.34 feet	**Parameter Stabilization** temp +/- 1° DO +/- 10% Turbidity +/- 10% cond +/- 3% ORP +/- 10mV pH +/- 0.1 unit	**Product Observed (yes/no)** N/A	**Depth to product** N/A

Time	Volume removed (mL)	Temp (°C)	Cond (µS/cm)	DO (mg/L)	ORP (mV)	TDS (g/L)	Turbidity (NTU)	pH	Description		
									clarity	color	odor
0820	0	19.3	397	5.1	31	0.26	5	7.2	Clear	Clear	None
0825	500	19.4	396	3.6	2	0.26	2	7.3	Clear	Clear	None
0830	500	19.5	395	2.1	-36	0.26	1	7.4	Clear	Clear	None
0835	500	19.6	395	2.0	-43	0.26	1	7.4	Clear	Clear	None
0840	500	19.7	394	1.8	-50	0.26	1	7.5	Clear	Clear	None
0845	500	19.8	394	1.7	-55	0.26	1	7.5	Clear	Clear	None
0850	500	19.7	393	1.5	-60	0.26	1	7.5	Clear	Clear	None
0855	500	19.7	392	1.4	-64	0.25	1	7.5	Clear	Clear	None
0900	500	19.8	392	1.4	-67	0.26	1	7.5	Clear	Clear	None
0905	Collect Sample										

Total Time (min.)	Total Volume Removed	Well pumped dry (yes/no)	Notes
45	4000	No	

QA/QC Samples DUP401

Signature

Matrix ENVIRONMENTAL

Matrix Environmental Services
283 Rucker Street
Anniston, AL 36205
(256) 847-0780

Station Name/Sample ID	
CWM-183-MW20	
Project	**Project Number**
McClellan	21.094.22-11.1

GROUNDWATER SAMPLING LOG

Groundwater Depth (TOC) 17.36 feet	**Sample Method** Low Flow	**Sampler** J. Tulley	**Date** 9/20/2022
Well Depth (TOC) 77.8 feet		**Location (Site)** T-6	**Begin Time** 13:45
Water Column Thickness 60.44 feet	**Equipment** Geotech Bladder Pump	**Laboratory** Test America	**Sample Depth** 72.0
		Sample Suite See COCs	
Casing Diameter 2 inches	**Temperature (°F)** 90	**Meters** YSI 556 MPS; Solinst Water Level Meter; Geotech Geocontrol PRO	**Serial numbers**
Casing Volume 9.67 gallons	**Weather Conditions** Sunny	**Calibration** Field 9/20/2022	**Ferrous Iron (Fe II) (mg/L)** N/A
1"=x0.04 2"=x0.16 4"=x0.65 6"=x1.47 8"=x10.4			
Well Elevation (TOC) 798.81 feet			
Groundwater Elevation 781.45 feet	**Parameter Stabilization** temp +/- 1° DO +/- 10% Turbidity +/- 10% cond +/- 3% ORP +/- 10mV pH +/- 0.1 unit	**Product Observed (yes/no)** N/A	**Depth to product** N/A

Time	Volume removed (mL)	Temp (°C)	Cond (µS/cm)	DO (mg/L)	ORP (mV)	TDS (g/L)	Turbidity (NTU)	pH	Description		
									clarity	color	odor
14:00	0	23.5	305	1.2	-114	0.20	200	7.4	Cloudy	Brown	None
14:05	500	24.2	304	3.7	-81	0.20	164	7.4	Cloudy	Brown	None
14:10	500	23.4	304	2.4	-121	0.20	154	7.4	Cloudy	Brown	None
14:15	500	23.5	302	2.2	-126	0.20	133	7.4	Cloudy	Clear	None
14:20	500	23.3	301	1.8	-125	0.20	81	7.4	Cloudy	Clear	None
14:25	500	23.2	299	1.6	-126	0.19	80	7.4	Cloudy	Clear	None
14:30	500	22.1	297	1.4	-126	0.19	75	7.4	Cloudy	Clear	None
14:35	500	22.5	297	1.4	-126	0.19	77	7.4	Cloudy	Clear	None
14:40	500	22.2	297	1.4	-126	0.19	75	7.4	Cloudy	Clear	None
14:45	500	22.1	296	1.4	-126	0.19	77	7.4	Cloudy	Clear	None
14:46			Collecting Sample Suite								

Total Time (min.)	Total Volume Removed	Well pumped dry (yes/no)	Notes
45	4500	No	

QA/QC Samples N/A

Signature

Matrix ENVIRONMENTAL

Matrix Environmental Services
283 Rucker Street
Anniston, AL 36205
(256) 847-0780

Station Name/Sample ID	
CWM-183-MW21	
Project	**Project Number**
McClellan	21.094.22-11.1

GROUNDWATER SAMPLING LOG

Groundwater Depth (TOC) 31.25 feet	**Sample Method** Low Flow	**Sampler** D. Abernathy	**Date** 9/20/2022
Well Depth (TOC) 41.58 feet		**Location (Site)** T-6	**Begin Time** 12:45
	Equipment Geotech Bladder Pump, Geotech Geocontrol Pro	**Laboratory** Test America	**sample depth** 35.0
Water Column Thickness 10.33 feet		**Sample Suite** See COCs	
Casing Diameter 2 inches	**Temperature (°F)** 89°	**Meters** YSI Pro Plus, Geotech water level meter, Micro TPW Turbidimeter	**Serial numbers**
Casing Volume 1.65 gallons	**Weather Conditions** Sunny	**Calibration** Field 9/20/2022	**Ferrous Iron (Fe II) (mg/L)** Not Applicable
1"=x0.04 2"=x0.16 4"=x0.65 6"=x1.47 8"=x10.4			
Well Elevation (TOC) 813.92 feet			
Groundwater Elevation 782.67 feet	**Parameter Stabilization** temp +/- 1° DO +/- 10% Turbidity +/- 10% cond +/- 3% ORP +/- 10mV pH +/- 0.1 unit	**Product Observed (yes/no)** N/A	**Depth to product** N/A

Time	Volume removed (mL)	Temp (°C)	Cond (µS/cm)	DO (mg/L)	ORP (mV)	TDS (g/L)	Turbidity (NTU)	pH	Description		
									clarity	color	odor
1250	0	21.5	275	1.5	-102	0.18	54	7.0	Cloudy	Brown	None
1255	500	21.9	273	0.4	-99	0.18	57	6.8	Cloudy	Brown	None
1300	500	22.0	273	0.3	-106	0.18	53	6.9	Cloudy	Brown	None
1305	500	20.9	274	0.2	-113	0.18	48	6.9	Cloudy	Brown	None
1310	500	20.5	274	0.1	-116	0.18	44	6.9	Cloudy	Brown	None
1315	500	20.4	276	0.1	-119	0.18	33	7.0	Cloudy	Brown	None
1320	500	20.2	277	0.1	-121	0.18	25	7.0	Cloudy	Brown	None
1325	500	20.1	278	0.1	-122	0.18	24	7.0	Cloudy	Brown	None
1330	500	19.9	279	0.1	-123	0.18	21	7.0	Cloudy	Brown	None
1335	Collect Sample										

Total Time (min.)	Total Volume Removed	Well pumped dry (yes/no)	Notes
45	4000	No	

QA/QC Samples N/A

Signature

Matrix ENVIRONMENTAL

Matrix Environmental Services
283 Rucker Street
Anniston, AL 36205
(256) 847-0780

Station Name/Sample ID	
CWM-183-MW22	
Project	**Project Number**
McClellan	21.094.22-11.1

GROUNDWATER SAMPLING LOG

Groundwater Depth (TOC) 31.89 feet	**Sample Method** Low Flow	**Sampler** D. Abernathy	**Date** 9/20/2022
Well Depth (TOC) 65.71 feet		**Location (Site)** T-6	**Begin Time** 11:40
Water Column Thickness 33.82 feet	**Equipment** Geotech Bladder Pump Geotech Geocontrol Pro	**Laboratory** Test America	**Sample Depth** 58.0
		Sample Suite See COCs	
Casing Diameter 2 inches	**Temperature (°F)** 87°	**Meters** YSI Pro Plus Geotech Water Level Meter Micro TPW Turbidimeter	**Serial numbers**
Casing Volume 5.41 gallons 1"=x0.04 2"=x0.16 4"=x0.65 6"=x1.47 8"=x10.4	**Weather Conditions** Sunny	**Calibration** Field 9/20/2022	**Ferrous Iron (Fe II) (mg/L)** N/A
Well Elevation (TOC) 814.59 feet			
Groundwater Elevation 782.7 feet	**Parameter Stabilization** temp +/- 1° DO +/- 10% Turbidity +/- 10% cond +/- 3% ORP +/- 10mV pH +/- 0.1 unit	**Product Observed (yes/no)** N/A	**Depth to product** N/A

Time	Volume removed (mL)	Temp (°C)	Cond (µS/cm)	DO (mg/L)	ORP (mV)	TDS (g/L)	Turbidity (NTU)	pH	Description		
									clarity	color	odor
1145	0	26.2	230	4.5	-33	0.15	33	7.1	Clear	Clear	None
1150	500	24.6	280	2.8	-74	0.18	27	6.9	Clear	Clear	None
1155	500	23.9	282	1.3	-91	0.18	37	6.9	Clear	Clear	None
1200	500	23.4	282	0.8	-100	0.18	34	6.9	Clear	Clear	None
1205	500	23.9	279	0.7	-108	0.18	31	7.0	Clear	Clear	None
1210	500	24.1	278	0.7	-110	0.18	30	7.1	Clear	Clear	None
1215	500	24.7	276	0.8	-115	0.18	28	7.1	Clear	Clear	None
1220	500	25.1	274	0.9	-118	0.18	29	7.2	Clear	Clear	None
1225	500	25.2	272	0.9	-116	0.18	29	7.2	Clear	Clear	None
1230	500	25.5	271	1.0	-116	0.18	29	7.3	Clear	Clear	None
1235	Collect Sample										

Total Time (min.)	Total Volume Removed	Well pumped dry (yes/no)	Notes
50	4500	No	

QA/QC Samples

Signature

Matrix ENVIRONMENTAL

Matrix Environmental Services
283 Rucker Street
Anniston, AL 36205
(256) 847-0780

Station Name/Sample ID	
CWM-183-MW23	
Project	**Project Number**
McClellan	21.094.22-11.1

GROUNDWATER SAMPLING LOG

Groundwater Depth (TOC) 30.51 feet	**Sample Method** Low Flow	**Sampler** J. Tulley	**Date** 9/21/2022
Well Depth (TOC) 50.5 feet		**Location (Site)** T-6	**Begin Time** 10:15
Water Column Thickness 19.99 feet	**Equipment** Geotech Bladder Pump	**Laboratory** Test America	**Sample Depth** 40.0
		Sample Suite See COCs	
Casing Diameter 2 inches	**Temperature (°F)** 83	**Meters** YSI 556 MPS Solinst Water Level Meter Geotech Geocontrol PRO	**Serial numbers**
Casing Volume 3.20 gallons 1"=x0.04 2"=x0.16 4"=x0.65 6"=x1.47 8"=x10.4	**Weather Conditions** Sunny	**Calibration** Field 9/21/2022	**Ferrous Iron (Fe II) (mg/L)** N/A
Well Elevation (TOC) 822.28 feet			
Groundwater Elevation 791.77 feet	**Parameter Stabilization** temp +/- 1° DO +/- 10% Turbidity +/- 10% cond +/- 3% ORP +/- 10mV pH +/- 0.1 unit	**Product Observed (yes/no)** N/A	**Depth to product** N/A

Time	Volume removed (mL)	Temp (°C)	Cond (µS/cm)	DO (mg/L)	ORP (mV)	TDS (g/L)	Turbidity (NTU)	pH	Description		
									clarity	color	odor
10:25	0	20.8	1005	1.2	-121	0.66	53	6.7	Cloudy	Clear	None
10:30	500	21.0	1006	1.1	-121	0.66	50	6.7	Cloudy	Clear	None
10:35	500	21.1	1013	0.5	-122	0.66	4	6.7	Cloudy	Clear	None
10:40	500	21.2	1016	0.4	-122	0.66	39	6.7	Cloudy	Clear	None
10:45	500	21.1	1016	0.4	-122	0.66	38	6.7	Cloudy	Clear	None
10:50	500	20.9	1016	0.4	-123	0.66	36	6.7	Cloudy	Clear	None
10:55	500	20.9	1017	0.3	-123	0.66	37	6.7	Cloudy	Clear	None
10:56			Collecting Sample Suite								

Total Time (min.)	Total Volume Removed	Well pumped dry (yes/no)	Notes
30	3000	No	

QA/QC Samples N/A

Signature J. Tulley 9.21.22

Matrix ENVIRONMENTAL

Matrix Environmental Services
283 Rucker Street
Anniston, AL 36205
(256) 847-0780

Station Name/Sample ID	
CWM-183-MW25	
Project	**Project Number**
McClellan	21.094.22-11.1

GROUNDWATER SAMPLING LOG

Groundwater Depth (TOC) 15.09 feet	**Sample Method** Low Flow	**Sampler** D. Abernathy	**Date** 9/20/2022
Well Depth (TOC) 26.45 feet		**Location (Site)** T-6	**Begin Time** 9:45
Water Column Thickness 11.36 feet	**Equipment** Geocontrol Pro, Geotech Bladder pump	**Laboratory** Test America	**Sample Depth** 19.0
		Sample Suite See COCs	
Casing Diameter 2 inches	**Temperature (°F)** 76°	**Meters** YSI Pro Plus, GeotechWater Level Meter, Micro TPW Turbidimeter	**Serial numbers**
Casing Volume 1.82 gallons	**Weather Conditions** Sunny	**Calibration** Field 9/20/2022	**Ferrous Iron (Fe II) (mg/L)** N/A
1"=x0.04 2"=x0.16 4"=x0.65 6"=x1.47 8"=x10.4			
Well Elevation (TOC) 798.08 feet			
Groundwater Elevation 782.99 feet	**Parameter Stabilization** temp +/- 1° DO +/- 10% Turbidity +/- 10% cond +/- 3% ORP +/- 10mV pH +/- 0.1 unit	**Product Observed (yes/no)** N/A	**Depth to product** N/A

Time	Volume removed (mL)	Temp (°C)	Cond (µS/cm)	DO (mg/L)	ORP (mV)	TDS (g/L)	Turbidity (NTU)	pH	Description		
									clarity	color	odor
0950	0	20.5	192	0.8	68	0.12	42.6	5.7	Cloudy	White	None
0955	250	20.6	175	0.7	110	0.11	40.4	5.1	Cloudy	White	None
1000	250	20.6	165	0.8	120	0.11	43.3	5.1	Cloudy	White	None
1005	250	20.6	153	0.8	131	0.10	44.1	5.1	Cloudy	White	None
1010	250	20.7	149	0.8	140	0.10	30.9	5.1	Cloudy	White	None
1015	250	22.7	150	0.8	136	0.10	27.1	5.2	Clear	Clear	None
1020	250	22.9	152	0.8	130	0.10	25.6	5.4	Clear	Clear	None
1025	250	23.4	154	0.8	131	0.10	24.2	5.4	Clear	Clear	None
1030	250	23.5	156	0.8	129	0.10	23.4	5.4	Clear	Clear	None
1035	250	23.6	160	0.8	128	0.10	22.8	5.4	Clear	Clear	None
1040	250	23.8	163	0.8	125	0.11	21.5	5.4	Clear	Clear	None
1045	Collect Sample										

Total Time (min.)	Total Volume Removed	Well pumped dry (yes/no)	Notes
55	2500	No	

QA/QC Samples N/A

Signature

Matrix ENVIRONMENTAL

Matrix Environmental Services
283 Rucker Street
Anniston, AL 36205
(256) 847-0780

Station Name/Sample ID	
CWM-183-MW28	
Project	**Project Number**
McClellan	21.094.22-11.1

GROUNDWATER SAMPLING LOG

Groundwater Depth (TOC) 20.94 feet	**Sample Method** Low Flow	**Sampler** J. Tulley	**Date** 9/20/2022
Well Depth (TOC) 200.5 feet		**Location (Site)** T-6	**Begin Time** 9:30
Water Column Thickness 179.56 feet	**Equipment** Geotech Bladder Pump	**Laboratory** Test America	**Sample Depth** 190.0
		Sample Suite See COCs	
Casing Diameter 2 inches	**Temperature (°F)** 76	**Meters** YSI Pro Plus; Solinst Water Level Meter; Geotech Geocontrol PRO	**Serial numbers**
Casing Volume 28.73 gallons	**Weather Conditions** Sunny	**Calibration** Field 9/20/2022	**Ferrous Iron (Fe II) (mg/L)** N/A
1"=x0.04 2"=x0.16 4"=x0.65 6"=x1.47 8"=x10.4			
Well Elevation (TOC) 802.34 feet			
Groundwater Elevation 781.4 feet	**Parameter Stabilization** temp +/- 1° DO +/- 10% Turbidity +/- 10% cond +/- 3% ORP +/- 10mV pH +/- 0.1 unit	**Product Observed (yes/no)** N/A	**Depth to product** N/A

Time	Volume removed (mL)	Temp (°C)	Cond (µS/cm)	DO (mg/L)	ORP (mV)	TDS (g/L)	Turbidity (NTU)	pH	Description		
									clarity	color	odor
950	0	21.0	326	7.3	-59	0.21	12	8.4	Clear	Clear	None
955	500	21.3	326	1.8	-112	0.21	7	8.7	Clear	Clear	None
1000	500	21.2	327	1.6	-113	0.21	7	8.7	Clear	Clear	None
1005	500	21.3	327	1.4	-113	0.21	7	8.7	Clear	Clear	None
1010	500	21.5	326	1.1	-127	0.21	7	8.8	Clear	Clear	None
1015	500	21.3	325	0.9	-136	0.21	7	8.7	Clear	Clear	None
1020	500	21.7	325	0.7	-140	0.21	6	8.8	Clear	Clear	None
1025	500	21.9	325	0.7	-145	0.21	6	8.8	Clear	Clear	None
1030	500	22.0	325	0.6	-146	0.21	6	8.8	Clear	Clear	None
1035	500	22.1	325	0.6	-146	0.21	5	8.8	Clear	Clear	None
1036			Collecting Sample Suite								

Total Time (min.)	Total Volume Removed	Well pumped dry (yes/no)	Notes
45	4500	No	

QA/QC Samples

Signature J. Tulley

Matrix ENVIRONMENTAL

Matrix Environmental Services
283 Rucker Street
Anniston, AL 36205
(256) 847-0780

Station Name/Sample ID	
CWM-183-MW31	
Project	**Project Number**
McClellan	21.094.22-11.1

GROUNDWATER SAMPLING LOG

Groundwater Depth (TOC) 7.61 feet	**Sample Method** Low Flow	**Sampler** J. Tulley	**Date** 9/20/2022
Well Depth (TOC) 204.8 feet		**Location (Site)** T-6	**Begin Time** 8:00
Water Column Thickness 197.19 feet	**Equipment** Geotech Bladder Pump	**Laboratory** Test America	**Sample Depth** 198.0
		Sample Suite See COCs	
Casing Diameter 2 inches	**Temperature (°F)** 73	**Meters** YSI Pro Plus; Solinst Water Level Meter; Geotech Geocontrol PRO	**Serial numbers**
Casing Volume 31.55 gallons	**Weather Conditions** Sunny	**Calibration** Field 9/20/2022	**Ferrous Iron (Fe II) (mg/L)** N/A
1"=x0.04 2"=x0.16 4"=x0.65 6"=x1.47 8"=x10.4			
Well Elevation (TOC) 789.22 feet			
Groundwater Elevation 781.61 feet	**Parameter Stabilization** temp +/- 1° DO +/- 10% Turbidity +/- 10% cond +/- 3% ORP +/- 10mV pH +/- 0.1 unit	**Product Observed (yes/no)** N/A	**Depth to product** N/A

Time	Volume removed (mL)	Temp (°C)	Cond (µS/cm)	DO (mg/L)	ORP (mV)	TDS (g/L)	Turbidity (NTU)	pH	Description		
									clarity	color	odor
815	0	19.8	338	1.3	-125	0.22	6	7.9	Clear	Clear	None
820	500	19.7	338	1.3	-125	0.22	6	8.0	Clear	Clear	Sulfur-like
825	500	20.7	335	2.3	-167	0.22	4	8.2	Clear	Clear	Sulfur-like
830	500	20.4	334	2.1	-174	0.22	4	8.2	Clear	Clear	Sulfur-like
835	500	20.4	335	2.0	-178	0.22	3	8.2	Clear	Clear	Sulfur-like
840	500	20.2	335	2.0	-179	0.22	3	8.2	Clear	Clear	Sulfur-like
845	500	20.1	334	2.0	-179	0.22	3	8.2	Clear	Clear	Sulfur-like
846			Collecting Sample Suite								

Total Time (min.)	Total Volume Removed	Well pumped dry (yes/no)	Notes
30	3000	No	

QA/QC Samples N/A

Signature JE 9-20-22

Matrix Environmental Services
283 Rucker Street
Anniston, Alabama 36205
(256) 847-0780
(256) 847-0905

Project Name
McClellan

Project Number
22.094.23-11.1

GROUNDWATER LEVELS

Field Personnel	Measuring Equipment	Date
Abernathy	Geotech Water Level Meter	3/13/2023

Conditions
Sunney 90°

Well ID	Casing Diameter	Date	Time	Depth to Water (feet)	Well Depth (feet)	Water Column (feet)	Initials
CC-510-MW01	2"	3/13/2023	11:55	5.38	8.18	2.80	DRA
CC-510-MW02	2"	3/13/2023	12:00	5.41	12.58	7.17	DRA
CC-510-MW04	2"	3/13/2023	12:08	8.50	16.89	8.39	DRA
CWM-183-MW01	2"	3/13/2023	12:21	6.44	51.71	45.27	DRA
CWM-183-MW02	2'	3/13/2023	12:18	0.61	38.50	37.89	DRA
CWM-183-MW03	2"	3/13/2023	13:30	3.69	18.11	14.42	DRA
CWM-183-MW04	2"	3/13/2023	13:15	16.48	22.31	5.83	DRA
CWM-183-MW05	2"	3/13/2023	12:11	12.65	13.00	0.35	DRA
CWM-183-MW06	2"	3/13/2023	12:37	3.51	31.89	28.38	DRA
CWM-183-MW07	2"	3/13/2023	13:43	10.59	19.35	8.76	DRA
CWM-183-MW08	2"	3/13/2023	13:38	6.70	20.00	13.30	DRA
CWM-183-MW09	2"	3/13/2023	13:59	11.00	27.80	16.80	DRA
CWM-183-MW10	2"	3/13/2023	12:15	13.60	22.83	9.23	DRA
CWM-183-MW11	2"	3/13/2023	12:33	23.85	102.00	78.15	DRA
CWM-183-MW12	2"	3/13/2023	12:25	24.54	46.85	22.31	DRA
CWM-183-MW13	2"	3/13/2023	13:17	16.43	57.95	41.52	DRA
CWM-183-MW14	2"	3/13/2023	13:26	11.42	22.70	11.28	DRA
CWM-183-MW15	2"	3/13/2023	13:23	9.12	25.45	16.33	DRA
CWM-183-MW16	2"	3/13/2023	13:20	9.33	86.40	77.07	DRA
CWM-183-MW17	2"	3/13/2023	13:28	7.23	46.60	39.37	DRA
CWM-183-MW18	2"	3/13/2023	12:02	0.81	14.35	13.54	DRA
CWM-183-MW19	2"	3/13/2023	12:04	4.75	99.56	94.81	DRA
CWM-183-MW20	2"	3/13/2023	13:40	13.03	77.79	64.76	DRA
CWM-183-MW21	2"	3/13/2023	13:54	11.65	41.58	29.93	DRA
CWM-183-MW22	2"	3/13/2023	13:56	12.87	65.73	52.86	DRA

***Unable to get water level due to obstruction.**

Matrix Environmental Services
283 Rucker Street
Anniston, Alabama 36205
(256) 847-0780
(256) 847-0905

Project Name
McClellan

Project Number
22.094.23-11.1

GROUNDWATER LEVELS

Field Personnel	Measuring Equipment	Date
Abernathy	Geotech Water Level Meter	3/13/2023

Conditions

Well ID	Casing Diameter	Date	Time	Depth to Water (feet)	Well Depth (feet)	Water Column (feet)	Initials
CWM-183-MW23	2"	3/13/2023	12:31	16.20	50.50	34.30	DRA
CWM-183-MW24	2"	3/13/2023	13:33	10.06	31.24	21.18	DRA
CWM-183-MW25	2"	3/13/2023	14:05	2.70	26.45	23.75	DRA
CWM-183-MW26	2"	3/13/2023	12:10	10.41	22.68	12.27	DRA
CWM-183-MW27	2"	3/13/2023	12:06	9.36	67.86	58.50	DRA
CWM-183-MW28	2"	3/13/2023	13:46	17.46	200.80	183.34	DRA
CWM-183-MW29	2"	3/13/2023	12:13	19.76	98.95	79.19	DRA
CWM-183-MW30	2"	3/13/2023	14:55	6.08	190.11	184.03	DRA
CWM-183-MW31	2"	3/13/2023	15:00	4.80	204.80	200.00	DRA
CWM-183-MW32	2"	3/13/2023	12:35	7.89	43.00	35.11	DRA
CWM-183-MW33	2"	3/13/2023	13:12	16.90	30.26	13.36	DRA
CWM-183-MW34	2"	3/13/2023	12:39	21.90	59.00	37.10	DRA
CWM-183-MW35	2"	3/13/2023	13:10	16.76	41.76	25.00	DRA
T6-AS-01	4"	3/13/2023	13:52	8.82	85.90	77.08	DRA
T6-AS-02	4"	3/13/2023	13:50	18.38	86.80	68.42	DRA
T6-AS-03	4"	3/13/2023	13:48	21.10	80.00	58.90	DRA
T6-AS-04	4"	3/13/2023	12:59	21.45	80.60	59.15	DRA
T6-AS-05	4"	3/13/2023	12:56	23.20	80.00	56.80	DRA
T6-AS-06	4"	3/13/2023	13:01	22.74	83.50	60.76	DRA
T6-AS-07	4"	3/13/2023	13:03	22.88	75.00	52.12	DRA
T6-AS-08	4"	3/13/2023	13:05	25.45	76.40	50.95	DRA
T6-SVE-01	4"	3/13/2023	13:54	7.53	33.00	25.47	DRA
T6-SVE-02	4"	3/13/2023	13:56	7.25	24.50	17.25	DRA
T6-SVE-03	4"	3/13/2023	14:01	16.76	38.00	21.24	DRA
T6-SVE-04	4"	3/13/2023	13:42	9.58	28.81	19.23	DRA

Matrix Environmental Services
283 Rucker Street
Anniston, Alabama 36205
(256) 847-0780
(256) 847-0905

Project Name
McClellan

Project Number
22.094.23-11.1

GROUNDWATER LEVELS

Field Personnel	Measuring Equipment	Date
Abernathy	Geotech Water Level Meter	3/13/2023

Conditions

Well ID	Casing Diameter	Date	Time	Depth to Water (feet)	Well Depth (feet)	Water Column (feet)	Initials
T6-SVE-05	4"	3/13/2023	12:33	0	42.37	42.37	DRA
T6-SVE-06	4"	3/13/2023	13:18	17.99	19.38	1.39	DRA
T6-SVE-07	4"	3/13/2023	12:28	21.97	36.95	14.98	DRA
T6-SVE-08	4"	3/13/2023	13:08	DRY	14.88	DRY	DRA

Matrix ENVIRONMENTAL

Matrix Environmental Services
283 Rucker Street
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(256) 847-0780

Station Name/Sample ID	
CWM-183-MW04	
Project	**Project Number**
McClellan	22.094.23-11.1

GROUNDWATER SAMPLING LOG

Groundwater Depth (TOC) 17.61 feet	**Sample Method** Low Flow	**Sampler** David Abernathy	**Date** 3/20/2023
Well Depth (TOC) 22 feet		**Location (Site)** T-6	**Begin Time** 11:35
Water Column Thickness 4.39 feet	**Equipment** Geotech Bladder Pump Geotech Geocontrol Pro	**Laboratory** Test America	**Sample Depth** 20.0
		Sample Suite See COCs	
Casing Diameter 2 inches	**Temperature (°F)** 46°	**Meters** YSI Pro Plus Geotech Water Level Meter Micro TPW Turbitimeter	**Serial numbers**
Casing Volume 0.70 gallons 1"=x0.04 2"=x0.16 4"=x0.65 6"=x1.47 8"=x10.4	**Weather Conditions** Sunny	**Calibration** Field 3/20/2023	**Ferrous Iron (Fe II) (mg/L)** Not Applicable
Well Elevation (TOC) 789.6 feet			
Groundwater Elevation 771.99 feet	**Parameter Stabilization** temp +/- 1° DO +/- 10% Turbidity +/- 10% cond +/- 3% ORP +/- 10mV pH +/- 0.1 unit	**Product Observed (yes/no)** Not Applicable	**Depth to product** Not Applicable

Time	Volume removed (mL)	Temp (°C)	Cond (µS/cm)	DO (mg/L)	ORP (mV)	TDS (g/L)	Turbidity (NTU)	pH	Description		
									clarity	color	odor
1140	0	15.2	708	7.9	-49	0.46	101	6.5	Cloudy	Brown	None
1145	300	15.1	706	7.6	-48	0.46	89	6.5	Cloudy	Brown	None
1150	300	15.1	703	7.3	-47	0.46	68	6.6	Cloudy	Brown	None
1155	300	15.1	705	7.0	-47	0.46	51	6.6	Cloudy	Brown	None
1200	300	15.1	703	6.8	-46	0.46	32	6.6	Clear	Clear	None
1205	300	15.0	700	6.7	-44	0.46	17	6.6	Clear	Clear	None
1210	300	15.2	695	6.5	-44	0.45	17	6.6	Clear	Clear	None
1215	300	15.5	693	6.3	-44	0.45	16	6.6	Clear	Clear	None
1220	Collect Sample										

Total Time (min.)	Total Volume Removed	Well pumped dry (yes/no)	Notes
40	2100	No	

QA/QC Samples N/A

Signature

Matrix ENVIRONMENTAL

Matrix Environmental Services
283 Rucker Street
Anniston, AL 36205
(256) 847-0780

Station Name/Sample ID	
CWM-183-MW06	
Project	**Project Number**
McClellan	22.094.23-11.1

GROUNDWATER SAMPLING LOG

Groundwater Depth (TOC) 5.51 feet	**Sample Method** Low Flow	**Sampler** David Abernathy	**Date** 3/20/2023
Well Depth (TOC) 31.89 feet		**Location (Site)** T-6	**Begin Time** 15:30
Water Column Thickness 26.38 feet	**Equipment** Geotech Bladder Pump Geotech Geocontrol PRO	**Laboratory** Test America	**Sample Depth** 29.0
		Sample Suite See COCs	
Casing Diameter 2 inches	**Temperature (°F)** 54°	**Meters** YSI Pro Plus Geotech Water Level Meter Micro TPW Turbidimeter	**Serial numbers**
Casing Volume 4.22 gallons 1"=x0.04 2"=x0.16 4"=x0.65 6"=x1.47 8"=x10.4	**Weather Conditions** Sunny	**Calibration** Field 3/20/2023	**Ferrous Iron (Fe II) (mg/L)** N/A
Well Elevation (TOC) 810.92 feet			
Groundwater Elevation 805.41 feet	**Parameter Stabilization** temp +/- 1° DO +/- 10% Turbidity +/- 10% cond +/- 3% ORP +/- 10mV pH +/- 0.1 unit	**Product Observed (yes/no)** Not Applicable	**Depth to product** Not Applicable

Time	Volume removed (mL)	Temp (°C)	Cond (µS/cm)	DO (mg/L)	ORP (mV)	TDS (g/L)	Turbidity (NTU)	pH	Description		
									clarity	color	odor
1535	0	13.8	134	3.3	242	0.09	260	5.0	Cloudy	Brown	None
1540	750	14.1	132	2.7	254	0.09	146	5.0	Cloudy	Brown	None
1545	750	14.2	132	2.3	255	0.09	93	5.0	Cloudy	Brown	None
1550	750	14.2	132	2.0	261	0.09	59	5.1	Cloudy	Brown	None
1555	750	14.2	132	1.7	264	0.09	46	5.1	Cloudy	Brown	None
1600	750	14.2	132	1.6	264	0.09	44	5.1	Cloudy	Brown	None
1605	750	14.3	131	1.4	265	0.09	43	5.0	Cloudy	Brown	None
1610	750	14.2	131	1.2	268	0.09	42	5.0	Cloudy	Brown	None
1615	Collect Sample										

Total Time (min.)	Total Volume Removed	Well pumped dry (yes/no)	Notes
40	5250	No	

QA/QC Samples MS/MSD

Signature

Matrix ENVIRONMENTAL

Matrix Environmental Services
283 Rucker Street
Anniston, AL 36205
(256) 847-0780

Station Name/Sample ID	
CWM-183-MW07	
Project	**Project Number**
McClellan	22.094.23-11.1

GROUNDWATER SAMPLING LOG

Groundwater Depth (TOC) 11.61 feet	**Sample Method** Low Flow	**Sampler** David Abernathy	**Date** 3/15/2023
Well Depth (TOC) 19.35 feet		**Location (Site)** T-6	**Begin Time** 13:20
Water Column Thickness 7.74 feet	**Equipment** Geotech Bladder Pump Geotech Ceocontrol Pro	**Laboratory** Test America	**Sample Depth** 17.0
		Sample Suite See COCs	
Casing Diameter 2 inches	**Temperature (°F)** 56°	**Meters** YSI Pro Plus Geotech Water Level Meter Micro TPW Turbidimeter	**Serial numbers**
Casing Volume 1.14 gallons 1"=x0.04 2"=x0.16 4"=x0.65 6"=x1.47 8"=x10.4	**Weather Conditions** Sunny	**Calibration** Field 3/15/2023	**Ferrous Iron (Fe II) (mg/L)** N/A
Well Elevation (TOC) 800.93 feet			
Groundwater Elevation 789.32 feet	**Parameter Stabilization** temp +/- 1° DO +/- 10% Turbidity +/- 10% cond +/- 3% ORP +/- 10mV pH +/- 0.1 unit	**Product Observed (yes/no)** N/A	**Depth to product** N/A

Time	Volume removed (mL)	Temp (°C)	Cond (µS/cm)	DO (mg/L)	ORP (mV)	TDS (g/L)	Turbidity (NTU)	pH	Description		
									clarity	color	odor
1325	0	15.4	302	6.0	202	0.20	33	5.7	Clear	Clear	None
1330	250	14.9	301	5.7	197	0.20	34	5.7	Clear	Clear	None
1335	250	15.0	301	5.7	193	0.20	35	5.8	Clear	Clear	None
1340	250	15.2	301	5.7	189	0.16	36	5.9	Clear	Clear	None
1345	250	15.8	301	5.6	187	0.20	36	5.9	Clear	Clear	None
1350	250	16.3	302	5.5	179	0.20	37	6.0	Clear	Clear	None
1355	250	16.3	304	5.6	175	0.20	36	6.1	Clear	Clear	None
1400	250	16.2	302	5.5	173	0.20	35	6.1	Clear	Clear	None
1405	250	16.3	303	5.5	174	0.20	35	6.1	Clear	Clear	None
1410	Collect Sample										

Total Time (min.)	Total Volume Removed	Well pumped dry (yes/no)	Notes
45	2000	No	

QA/QC Samples N/A

Signature

Matrix ENVIRONMENTAL

Matrix Environmental Services
283 Rucker Street
Anniston, AL 36205
(256) 847-0780

Station Name/Sample ID	
CWM-183-MW08	
Project	**Project Number**
McClellan	22.094.23-11.1

GROUNDWATER SAMPLING LOG

Groundwater Depth (TOC) 8.26 feet	**Sample Method** Low Flow	**Sampler** David Abernathy	**Date** 3/15/2023
Well Depth (TOC) 19.97 feet		**Location (Site)** T-6	**Begin Time** 9:40
Water Column Thickness 11.71 feet	**Equipment** Geotech Bladder Pump Geotech Geocontrol Pro	**Laboratory** Test America	**Sample Depth** 17.0
		Sample Suite See COCs	
Casing Diameter 2 inches	**Temperature (°F)** 43°	**Meters** YSI Pro Plus Geotech Water Level Meter Micro TPW Turbidimeter	**Serial numbers**
Casing Volume 1.87 gallons 1"=x0.04 2"=x0.16 4"=x0.65 6"=x1.47 8"=x10.4	**Weather Conditions** Sunny	**Calibration** Field 3/15/2023	**Ferrous Iron (Fe II) (mg/L)** N/A
Well Elevation (TOC) 798.76 feet			
Groundwater Elevation 790.5 feet	**Parameter Stabilization** temp +/- 1° DO +/- 10% Turbidity +/- 10% cond +/- 3% ORP +/- 10mV pH +/- 0.1 unit	**Product Observed (yes/no)** N/A	**Depth to product** N/A

Time	Volume removed (mL)	Temp (°C)	Cond (µS/cm)	DO (mg/L)	ORP (mV)	TDS (g/L)	Turbidity (NTU)	pH	Description		
									clarity	color	odor
0955	0	11.1	328	1.2	213	0.21	17	5.9	Clear	Clear	None
1000	500	11.2	328	0.9	198	0.21	16	5.9	Clear	Clear	None
1005	500	11.5	327	0.9	197	0.21	16	5.9	Clear	Clear	None
1010	500	11.6	327	0.9	192	0.21	15	6.0	Clear	Clear	None
1015	500	11.5	327	0.9	190	0.21	14	6.0	Clear	Clear	None
1020	500	11.8	328	0.9	186	0.21	13	6.0	Clear	Clear	None
1025	500	12.0	328	0.9	183	0.21	13	6.0	Clear	Clear	None
1030	Collect Sample										

Total Time (min.)	Total Volume Removed	Well pumped dry (yes/no)	Notes
35	3000	No	

QA/QC Samples N/A

Signature

Matrix ENVIRONMENTAL

Matrix Environmental Services
283 Rucker Street
Anniston, AL 36205
(256) 847-0780

Station Name/Sample ID	
CWM-183-MW09	
Project	**Project Number**
McClellan	22.094.23-11.1

GROUNDWATER SAMPLING LOG

Groundwater Depth (TOC) 12.79 feet	**Sample Method** Low Flow	**Sampler** David Abernathy	**Date** 3/15/2023
Well Depth (TOC) 27.6 feet		**Location (Site)** T-6	**Begin Time** 12:20
Water Column Thickness 14.81 feet	**Equipment** Geotech Bladder Pump Geotech Ceocontrol Pro	**Laboratory** Test America	**Sample Depth** 25.0
		Sample Suite See COCs	
Casing Diameter 2 inches	**Temperature (°F)** 52°	**Meters** YSI Pro Plus Geotech Water Level Meter Micro TPW Turbidimeter	**Serial numbers**
Casing Volume 1.60 gallons 1"=x0.04 2"=x0.16 4"=x0.65 6"=x1.47 8"=x10.4	**Weather Conditions** Sunny	**Calibration** Field 3/15/2023	**Ferrous Iron (Fe II) (mg/L)** N/A
Well Elevation (TOC) 809.18 feet			
Groundwater Elevation 796.39 feet	**Parameter Stabilization** temp +/- 1° DO +/- 10% Turbidity +/- 10% cond +/- 3% ORP +/- 10mV pH +/- 0.1 unit	**Product Observed (yes/no)** N/A	**Depth to product** N/A

Time	Volume removed (mL)	Temp (°C)	Cond (µS/cm)	DO (mg/L)	ORP (mV)	TDS (g/L)	Turbidity (NTU)	pH	Description		
									clarity	color	odor
1225	0	19.4	118	5.8	273	0.08	93	3.9	Cloudy	White	None
1230	250	19.7	118	5.7	279	0.08	66	4.0	Cloudy	White	None
1235	250	20.2	117	4.8	263	0.08	65	4.4	Cloudy	White	None
1240	250	20.7	117	4.4	271	0.08	64	4.3	Cloudy	White	None
1245	250	20.7	117	4.3	266	0.08	64	4.3	Cloudy	White	None
1250	250	20.2	116	4.1	268	0.08	65	4.3	Cloudy	White	None
1255	250	20.4	116	4.0	271	0.08	62	4.3	Cloudy	White	None
1300	Collect Sample										

Total Time (min.)	Total Volume Removed	Well pumped dry (yes/no)	Notes
35	1500	No	

QA/QC Samples N/A

Signature

Matrix ENVIRONMENTAL

Matrix Environmental Services
283 Rucker Street
Anniston, AL 36205
(256) 847-0780

Station Name/Sample ID	
CWM-183-MW11	
Project	**Project Number**
McClellan	22.094.23-11.1

GROUNDWATER SAMPLING LOG

Groundwater Depth (TOC) 25.47 feet	**Sample Method** Low Flow	**Sampler** David Abernathy	**Date** 3/20/2023
Well Depth (TOC) 101.95 feet		**Location (Site)** T-6	**Begin Time** 14:00
	Equipment Geotech Bladder Pump Geotech Geocontrol Pro	**Laboratory** Test America	**Sample Depth** 90.0
Water Column Thickness 76.48 feet		**Sample Suite** See COCs	
Casing Diameter 2 inches	**Temperature (°F)** 51°	**Meters** YSI Pro Plus Geotech Water Level Meter Micro TPW Turbidimeter	**Serial numbers**
Casing Volume 12.24 gallons 1"=x0.04 2"=x0.16 4"=x0.65 6"=x1.47 8"=x10.4	**Weather Conditions** Sunny	**Calibration** Field 3/20/2023	**Ferrous Iron (Fe II) (mg/L)** N/A
Well Elevation (TOC) 809.25 feet			
Groundwater Elevation 783.78 feet	**Parameter Stabilization** temp +/- 1° DO +/- 10% Turbidity +/- 10% cond +/- 3% ORP +/- 10mV pH +/- 0.1 unit	**Product Observed (yes/no)** N/A	**Depth to product** N/A

Time	Volume removed (mL)	Temp (°C)	Cond (µS/cm)	DO (mg/L)	ORP (mV)	TDS (g/L)	Turbidity (NTU)	pH	Description		
									clarity	color	odor
1415	0	13.8	340	2.9	76	0.22	27	7.2	Cloudy	Brown	None
1420	750	14.2	344	1.8	55	0.22	109	7.3	Cloudy	Brown	None
1425	750	14.6	345	1.6	51	0.22	35	7.3	Cloudy	Brown	None
1435	750	13.8	346	2.7	51	0.22	14	7.4	Clear	Clear	None
1440	750	14.0	343	7.5	59	0.22	23	7.4	Clear	Clear	None
1445	750	14.1	345	4.0	52	0.22	42	7.4	Cloudy	Brown	None
1450	750	14.2	345	2.2	42	0.22	30	7.4	Clear	Clear	None
1455	750	14.4	345	1.8	37	0.22	27	7.4	Clear	Clear	None
1500	750	14.4	345	1.7	35	0.22	25	7.5	Clear	Clear	None
1505	750	14.5	345	1.7	35	0.22	24	7.4	Clear	Clear	None
1510	750	14.7	345	1.7	34	0.22	24	7.5	Clear	Clear	None
1515	Collect Sample										

Total Time (min.)	Total Volume Removed	Well pumped dry (yes/no)	Notes
60	7500	No	pulled pump at 1430 to check collars, Air bubbles while sampling causing large swings in DO

QA/QC Samples N/A

Signature

Matrix ENVIRONMENTAL

Matrix Environmental Services
283 Rucker Street
Anniston, AL 36205
(256) 847-0780

Station Name/Sample ID	
CWM-183-MW13	
Project	**Project Number**
McClellan	22.094.23-11.1

GROUNDWATER SAMPLING LOG

Groundwater Depth (TOC) 19.55 feet	**Sample Method** Low Flow	**Sampler** David Abernathy	**Date** 3/20/2023
Well Depth (TOC) 57.95 feet		**Location (Site)** T-6	**Begin Time** 10:20
Water Column Thickness 38.4 feet	**Equipment** Geotech Bladder Pump Geotech Geocontrol Pro	**Laboratory** Test America	**Sample Depth** 45.0
		Sample Suite See COCs	
Casing Diameter 2 inches	**Temperature (°F)** 40	**Meters** YSI Pro Plus Geotech Water Level Meter Micro TPW Turbidimeter	**Serial numbers**
Casing Volume 6.14 gallons 1"=x0.04 2"=x0.16 4"=x0.65 6"=x1.47 8"=x10.4	**Weather Conditions** Sunny	**Calibration** Field 3/20/2023	**Ferrous Iron (Fe II) (mg/L)** N/A
Well Elevation (TOC) 801.81 feet			
Groundwater Elevation 782.26 feet	**Parameter Stabilization** temp +/- 1° DO +/- 10% Turbidity +/- 10% cond +/- 3% ORP +/- 10mV pH +/- 0.1 unit	**Product Observed (yes/no)** N/A	**Depth to product** N/A

Time	Volume removed (mL)	Temp (°C)	Cond (µS/cm)	DO (mg/L)	ORP (mV)	TDS (g/L)	Turbidity (NTU)	pH	Description		
									clarity	color	odor
1025	0	11.5	294	8.1	107	0.19	10	6.7	Clear	Clear	None
1030	750	13.1	279	6.9	61	0.18	9	6.2	Clear	Clear	None
1035	750	13.9	282	6.7	27	0.18	8	6.4	Clear	Clear	None
1040	750	13.9	285	6.5	15	0.18	5	6.4	Clear	Clear	None
1045	750	14.4	286	6.5	11	0.19	5	6.4	Clear	Clear	None
1050	750	14.6	289	5.9	13	0.17	6	6.4	Clear	Clear	None
1055	750	14.8	296	5.7	12	0.19	5	6.5	Clear	Clear	None
1100	750	14.5	309	5.5	15	0.20	5	6.5	Clear	Clear	None
1105	750	14.6	309	5.3	19	0.20	5	6.4	Clear	Clear	None
1110	750	14.8	306	5.1	21	0.20	5	6.4	Clear	Clear	None
1115	Collect Sample										

Total Time (min.)	Total Volume Removed	Well pumped dry (yes/no)	Notes
50	6750	No	

QA/QC Samples N/A

Signature

Matrix ENVIRONMENTAL

Matrix Environmental Services
283 Rucker Street
Anniston, AL 36205
(256) 847-0780

Station Name/Sample ID	
CWM-183-MW15	
Project	**Project Number**
McClellan	22.094.23.11.1

GROUNDWATER SAMPLING LOG

Groundwater Depth (TOC) 10.75 feet	**Sample Method** Low Flow	**Sampler** David Abernathy	**Date** 3/20/2023
Well Depth (TOC) 25.45 feet		**Location (Site)** T-6	**Begin Time** 9:10
Water Column Thickness 14.7 feet	**Equipment** Geotech Bladder Pump Geotech Ceocontrol Pro	**Laboratory** Test America	**Sample Depth** 18.0
		Sample Suite See COCs	
Casing Diameter 2 inches	**Temperature (°F)** 30°	**Meters** YSI Pro Plus Geotech Water Level Meter Micro TPW Turbidimeter	**Serial numbers**
Casing Volume 2.35 gallons 1"=x0.04 2"=x0.16 4"=x0.65 6"=x1.47 8"=x10.4	**Weather Conditions** Sunny	**Calibration** Field 3/20/2023	**Ferrous Iron (Fe II) (mg/L)** N/A
Well Elevation (TOC) 793.21 feet			
Groundwater Elevation 782.46 feet	**Parameter Stabilization** temp +/- 1° DO +/- 10% Turbidity +/- 10% cond +/- 3% ORP +/- 10mV pH +/- 0.1 unit	**Product Observed (yes/no)** N/A	**Depth to product** N/A

Time	Volume removed (mL)	Temp (°C)	Cond (µS/cm)	DO (mg/L)	ORP (mV)	TDS (g/L)	Turbidity (NTU)	pH	Description		
									clarity	color	odor
0915	0	13.5	364	2.7	73	0.24	76	6.7	Cloudy	Brown	None
0920	625	14.3	367	1.8	73	0.24	67	6.7	Cloudy	Brown	None
0925	625	14.4	371	1.6	65	0.24	52	6.8	Cloudy	Brown	None
0930	625	14.6	370	1.3	65	0.24	48	6.8	Cloudy	Brown	None
0935	625	14.8	375	1.2	68	0.24	48	6.9	Cloudy	Brown	None
0940	625	15.1	375	1.1	66	0.24	48	6.9	Cloudy	Brown	None
0945	625	15.2	378	1.0	65	0.25	49	6.9	Cloudy	Brown	None
0950	625	15.4	378	1.0	65	0.25	49	6.9	Cloudy	Brown	None
0955	Collect Sample										

Total Time (min.)	Total Volume Removed	Well pumped dry (yes/no)	Notes
40	4375	No	

QA/QC Samples N/A

Signature

Matrix ENVIRONMENTAL

Matrix Environmental Services
283 Rucker Street
Anniston, AL 36205
(256) 847-0780

Station Name/Sample ID	
CWM-183-MW16	
Project	**Project Number**
McClellan	22.094.23-11.1

GROUNDWATER SAMPLING LOG

Groundwater Depth (TOC) 10.73 feet	**Sample Method** Low Flow	**Sampler** David Abernathy	**Date** 3/20/2023
Well Depth (TOC) 84 feet		**Location (Site)** T-6	**Begin Time** 8:05
Water Column Thickness 73.27 feet	**Equipment** Geotech Bladder Pump Geotech Geocontrol Pro	**Laboratory** Test America	**Sample Depth** 78.0
		Sample Suite See COCs	
Casing Diameter 2 inches	**Temperature (°F)** 27°	**Meters** YSI Pro Plus Geotech Water Level Meter Micro TPW Turbidimeter	**Serial numbers**
Casing Volume 11.72 gallons 1"=x0.04 2"=x0.16 4"=x0.65 6"=x1.47 8"=x10.4	**Weather Conditions** Sunny	**Calibration** Field 3/20/2023	**Ferrous Iron (Fe II) (mg/L)** N/A
Well Elevation (TOC) 793.13 feet			
Groundwater Elevation 782.4 feet	**Parameter Stabilization** temp +/- 1° DO +/- 10% Turbidity +/- 10% cond +/- 3% ORP +/- 10mV pH +/- 0.1 unit	**Product Observed (yes/no)** N/A	**Depth to product** N/A

Time	Volume removed (mL)	Temp (°C)	Cond (µS/cm)	DO (mg/L)	ORP (mV)	TDS (g/L)	Turbidity (NTU)	pH	Description		
									clarity	color	odor
0815	0	9.0	376	10.5	83	0.25	4	7.0	Clear	Clear	None
0820	500	10.6	383	3.5	-23	0.25	4	7.2	Clear	Clear	None
0825	500	10.9	384	1.8	-54	0.25	4	7.3	Clear	Clear	None
0830	500	11.4	382	1.3	-65	0.25	3	7.3	Clear	Clear	None
0835	500	11.8	386	1.0	-77	0.25	2	7.4	Clear	Clear	None
0840	500	11.8	386	0.8	-86	0.25	2	7.5	Clear	Clear	None
0845	500	12.2	386	0.6	-90	0.25	2	7.5	Clear	Clear	None
0850	500	12.3	384	0.5	-93	0.25	2	7.5	Clear	Clear	None
0855	500	12.3	386	0.5	-97	0.25	2	7.5	Clear	Clear	None
0900	Collect Sample										

Total Time (min.)	Total Volume Removed	Well pumped dry (yes/no)	Notes
45	4000	No	

QA/QC Samples

Signature

Matrix ENVIRONMENTAL

Matrix Environmental Services
283 Rucker Street
Anniston, AL 36205
(256) 847-0780

Station Name/Sample ID	
CWM-183-MW17	
Project	**Project Number**
McClellan	22.094.23-11.1

GROUNDWATER SAMPLING LOG

Groundwater Depth (TOC) 7.72 feet	**Sample Method** Low Flow	**Sampler** David Abernathy	**Date** 3/14/2023
Well Depth (TOC) 46.6 feet		**Location (Site)** T-6	**Begin Time** 10:15
Water Column Thickness 38.88 feet	**Equipment** Geotech Bladder Pump Geotech Geocontrol Pro	**Laboratory** Test America	**Sample Depth** 42.0
		Sample Suite See COCs	
Casing Diameter 2 inches	**Temperature (°F)** 37°	**Meters** YSI Pro Plus Geotech Water Level Meter Micro TPW Turbidimeter	**Serial numbers**
Casing Volume 6.22 gallons 1"=x0.04 2"=x0.16 4"=x0.65 6"=x1.47 8"=x10.4	**Weather Conditions** Sunny	**Calibration** Field 3/14/2023	**Ferrous Iron (Fe II) (mg/L)** N/A
Well Elevation (TOC) 790.78 feet			
Groundwater Elevation 783.06 feet	**Parameter Stabilization** temp +/- 1° DO +/- 10% Turbidity +/- 10% cond +/- 3% ORP +/- 10mV pH +/- 0.1 unit	**Product Observed (yes/no)** N/A	**Depth to product** N/A

Time	Volume removed (mL)	Temp (°C)	Cond (µS/cm)	DO (mg/L)	ORP (mV)	TDS (g/L)	Turbidity (NTU)	pH	Description		
									clarity	color	odor
1020	0	10.6	554	10.5	9	0.36	16	7.2	Clear	Clear	None
1025	500	10.8	563	10.0	-35	0.37	32	7.1	Cloudy	Clear	None
1030	500	11.5	559	9.4	-28	0.36	52	7.1	Cloudy	Clear	None
1035	500	12.0	557	9.1	-29	0.36	68	7.2	Cloudy	Clear	None
1040	500	11.6	555	8.9	-25	0.36	80	7.1	Cloudy	Clear	None
1045	500	11.5	555	8.5	-25	0.36	91	7.1	Cloudy	Clear	None
1050	500	12.1	555	8.3	-22	0.36	88	7.1	Cloudy	Clear	None
1055	500	11.9	553	8.1	-20	0.36	79	7.1	Cloudy	Clear	None
1100	500	12.3	552	7.9	-14	0.36	66	7.1	Cloudy	Clear	None
1105	500	12.5	551	7.5	-13	0.36	62	7.09	Cloudy	Clear	None
1110	500	12.7	551	7.4	-11	0.36	65	7.08	Cloudy	Clear	None
1115	Collect Sample										

Total Time (min.)	Total Volume Removed	Well pumped dry (yes/no)	Notes
55	5000	No	

QA/QC Samples
DUP 412

Signature

Matrix ENVIRONMENTAL

Matrix Environmental Services
283 Rucker Street
Anniston, AL 36205
(256) 847-0780

Station Name/Sample ID	
CWM-183-MW19	
Project	**Project Number**
McClellan	22.094.23-11.1

GROUNDWATER SAMPLING LOG

Groundwater Depth (TOC) 5.04 feet	**Sample Method** Low Flow	**Sampler** David Abernathy	**Date** 3/14/2023
Well Depth (TOC) 99.56 feet		**Location (Site)** T-6	**Begin Time** 8:45
Water Column Thickness 94.52 feet	**Equipment** Geotech Bladder Pump Geotech Geocontrol Pro	**Laboratory** Test America	**Sample Depth** 90.0
		Sample Suite See COCs	
Casing Diameter 2 inches	**Temperature (°F)** 34°	**Meters** YSI Pro Plus Geotech Water Level Meter Micro TPW Turbidimeter	**Serial numbers**
Casing Volume 15.12 gallons 1"=x0.04 2"=x0.16 4"=x0.65 6"=x1.47 8"=x10.4	**Weather Conditions** Sunny	**Calibration** Field 3/14/2023	**Ferrous Iron (Fe II) (mg/L)** N/A
Well Elevation (TOC) 787.06 feet			
Groundwater Elevation 782.02 feet	**Parameter Stabilization** temp +/- 1° DO +/- 10% Turbidity +/- 10% cond +/- 3% ORP +/- 10mV pH +/- 0.1 unit	**Product Observed (yes/no)** N/A	**Depth to product** N/A

Time	Volume removed (mL)	Temp (°C)	Cond (µS/cm)	DO (mg/L)	ORP (mV)	TDS (g/L)	Turbidity (NTU)	pH	Description		
									clarity	color	odor
0905	0	12.5	452	1.2	127	0.30	8	6.9	Clear	Clear	None
0910	625	11.8	444	0.6	83	0.29	3	7.0	Clear	Clear	None
0915	625	12.1	449	0.3	50	0.29	3	7.2	Clear	Clear	None
0920	625	12.0	451	0.3	35	0.29	3	7.2	Clear	Clear	None
0925	625	12.3	450	0.5	21	0.29	3	7.3	Clear	Clear	None
0930	625	12.5	449	0.5	4	0.29	2	7.4	Clear	Clear	None
0935	625	12.5	451	0.5	-6	0.30	2	7.4	Clear	Clear	None
0940	625	13.0	450	0.4	-16	0.29	2	7.4	Clear	Clear	None
0945	625	13.2	451	0.4	-20	0.29	2	7.4	Clear	Clear	None
0950	625	13.1	453	0.4	-22	0.30	2	7.5	Clear	Clear	None
0955	Collect Sample										

Total Time (min.)	Total Volume Removed	Well pumped dry (yes/no)	Notes
50	5625	No	

QA/QC Samples N/A

Signature

Matrix ENVIRONMENTAL

Matrix Environmental Services
283 Rucker Street
Anniston, AL 36205
(256) 847-0780

Station Name/Sample ID	
CWM-183-MW20	
Project	**Project Number**
McClellan	22.094.23-11.1

GROUNDWATER SAMPLING LOG

Groundwater Depth (TOC) 13.85 feet	**Sample Method** Low Flow	**Sampler** David Abernathy	**Date** 3/15/2023
Well Depth (TOC) 77.8 feet		**Location (Site)** T-6	**Begin Time** 10:40
Water Column Thickness 63.95 feet	**Equipment** Geotech Bladder Pump Geotech Geocontrol Pro	**Laboratory** Test America	**Sample Depth** 72.0
		Sample Suite See COCs	
Casing Diameter 2 inches	**Temperature (°F)** 47°	**Meters** YSI Pro Plus Geotech Water Level Meter Micro TPW Turbidimeter	**Serial numbers**
Casing Volume 10.23 gallons 1"=x0.04 2"=x0.16 4"=x0.65 6"=x1.47 8"=x10.4	**Weather Conditions** Sunny	**Calibration** Field 3/15/2023	**Ferrous Iron (Fe II) (mg/L)** N/A
Well Elevation (TOC) 798.81 feet			
Groundwater Elevation 784.96 feet	**Parameter Stabilization** temp +/- 1° DO +/- 10% Turbidity +/- 10% cond +/- 3% ORP +/- 10mV pH +/- 0.1 unit	**Product Observed (yes/no)** N/A	**Depth to product** N/A

Time	Volume removed (mL)	Temp (°C)	Cond (µS/cm)	DO (mg/L)	ORP (mV)	TDS (g/L)	Turbidity (NTU)	pH	Description		
									clarity	color	odor
1040	0	11.6	381	8.8	154	0.25	207	7.5	Cloudy	Brown	None
1045	500	13.9	426	6.4	-16	0.28	182	7.4	Cloudy	Brown	None
1050	500	14.2	451	4.8	-73	0.30	161	7.3	Cloudy	Brown	None
1055	500	14.5	456	4.2	-83	0.30	122	7.3	Cloudy	Brown	None
1100	500	14.9	454	3.2	-112	0.30	118	7.4	Cloudy	Brown	None
1105	500	15.3	452	2.7	-118	0.29	116	7.4	Cloudy	Brown	None
1110	500	15.6	452	2.5	-120	0.29	109	7.4	Cloudy	Brown	None
1115	500	15.7	451	2.3	-121	0.29	99	7.4	Cloudy	Brown	None
1120	500	15.8	447	2.1	-124	0.29	91	7.4	Cloudy	Brown	None
1125	500	15.9	445	1.9	-127	0.29	87	7.4	Cloudy	Brown	None
1130	500	16.0	441	1.7	-125	0.29	84	7.4	Cloudy	Brown	None
1135	Collect Sample										

Total Time (min.)	Total Volume Removed	Well pumped dry (yes/no)	Notes
55	5000	No	

QA/QC Samples N/A

Signature

Matrix ENVIRONMENTAL

Matrix Environmental Services
283 Rucker Street
Anniston, AL 36205
(256) 847-0780

Station Name/Sample ID	
CWM-183-MW21	
Project	**Project Number**
McClellan	22.094.23-11.1

GROUNDWATER SAMPLING LOG

Groundwater Depth (TOC) 12.44 feet	**Sample Method** Low Flow	**Sampler** David Abernathy	**Date** 3/14/2023
Well Depth (TOC) 41.58 feet		**Location (Site)** T-6	**Begin Time** 14:30
Water Column Thickness 29.14 feet	**Equipment** Geotech Bladder Pump Geotech Geocontrol Pro	**Laboratory** Test America	**sample depth** 35.0
		Sample Suite See COCs	
Casing Diameter 2 inches	**Temperature (°F)** 49°	**Meters** YSI Pro Plus Geotech water level meter Micro TPW Turbidimeter	**Serial numbers**
Casing Volume 4.66 gallons 1"=x0.04 2"=x0.16 4"=x0.65 6"=x1.47 8"=x10.4	**Weather Conditions** Sunny	**Calibration** Field 3/14/2023	**Ferrous Iron (Fe II) (mg/L)** Not Applicable
Well Elevation (TOC) 813.92 feet			
Groundwater Elevation 801.48 feet	**Parameter Stabilization** temp +/- 1° DO +/- 10% Turbidity +/- 10% cond +/- 3% ORP +/- 10mV pH +/- 0.1 unit	**Product Observed (yes/no)** N/A	**Depth to product** N/A

Time	Volume removed (mL)	Temp (°C)	Cond (µS/cm)	DO (mg/L)	ORP (mV)	TDS (g/L)	Turbidity (NTU)	pH	Description		
									clarity	color	odor
1435	0	14.5	324	2.2	-67	0.21	38	7.3	Clear	Clear	None
1440	500	14.8	330	0.8	-84	0.22	35	7.3	Clear	Clear	None
1445	500	15.2	333	0.2	-105	0.22	32	7.3	Clear	Clear	None
1450	500	15.5	341	0.1	-110	0.22	33	7.3	Clear	Clear	None
1455	500	15.3	344	0.1	-109	0.22	28	7.2	Clear	Clear	None
1500	500	15.4	344	0.1	-105	0.22	22	7.2	Clear	Clear	None
1505	500	15.4	343	0.1	-103	0.22	25	7.2	Clear	Clear	None
1510	Collect Sample										

Total Time (min.)	Total Volume Removed	Well pumped dry (yes/no)	Notes
35	3000	No	

QA/QC Samples DUP413

Signature

Matrix ENVIRONMENTAL

Matrix Environmental Services
283 Rucker Street
Anniston, AL 36205
(256) 847-0780

Station Name/Sample ID	
CWM-183-MW22	
Project	**Project Number**
McClellan	22.094.23-11.1

GROUNDWATER SAMPLING LOG

Groundwater Depth (TOC) 13.54 feet	**Sample Method** Low Flow	**Sampler** David Abernathy	**Date** 3/14/2023
Well Depth (TOC) 65.71 feet		**Location (Site)** T-6	**Begin Time** 13:15
Water Column Thickness 52.17 feet	**Equipment** Geotech Bladder Pump Geotech Geocontrol Pro	**Laboratory** Test America	**Sample Depth** 58.0
		Sample Suite See COCs	
Casing Diameter 2 inches	**Temperature (°F)** 47°	**Meters** YSI Pro Plus Geotech Water Level Meter Micro TPW Turbidimeter	**Serial numbers**
Casing Volume 8.35 gallons 1"=x0.04 2"=x0.16 4"=x0.65 6"=x1.47 8"=x10.4	**Weather Conditions** Sunny	**Calibration** Field 3/14/2023	**Ferrous Iron (Fe II) (mg/L)** N/A
Well Elevation (TOC) 814.59 feet			
Groundwater Elevation 801.05 feet	**Parameter Stabilization** temp +/- 1° DO +/- 10% Turbidity +/- 10% cond +/- 3% ORP +/- 10mV pH +/- 0.1 unit	**Product Observed (yes/no)** N/A	**Depth to product** N/A

Time	Volume removed (mL)	Temp (°C)	Cond (µS/cm)	DO (mg/L)	ORP (mV)	TDS (g/L)	Turbidity (NTU)	pH	Description		
									clarity	color	odor
1320	0	14.7	327	4.8	-47	0.21	35	7.2	Cloudy	Clear	None
1345	2750	14.1	344	0.6	-85	0.22	40	7.1	Cloudy	Clear	None
1350	550	14.1	346	0.7	-84	0.22	66	7.1	Cloudy	Clear	None
1355	550	14.2	345	0.7	-81	0.22	63	7.1	Cloudy	Clear	None
1400	550	13.7	345	0.8	-80	0.22	60	7.1	Cloudy	Clear	None
1405	550	13.4	345	0.9	-79	0.22	56	7.1	Cloudy	Clear	None
1410	550	13.4	345	1.0	-76	0.22	53	7.0	Cloudy	Clear	None
1415	550	13.5	345	1.0	-77	0.22	49	7.0	Cloudy	Clear	None
1420	Collect Sample										

Total Time (min.)	Total Volume Removed	Well pumped dry (yes/no)	Notes
40	6050	No	

QA/QC Samples N/A

Signature

Matrix ENVIRONMENTAL

Matrix Environmental Services
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Anniston, AL 36205
(256) 847-0780

Station Name/Sample ID	
CWM-183-MW23	
Project	**Project Number**
McClellan	22.094.23-11.1

GROUNDWATER SAMPLING LOG

Groundwater Depth (TOC) 17.36 feet	**Sample Method** Low Flow	**Sampler** David Abernathy	**Date** 3/20/2023
Well Depth (TOC) 50.5 feet		**Location (Site)** T-6	**Begin Time** 16:35
Water Column Thickness 33.14 feet	**Equipment** Geotech Bladder Pump Geotech Geocontrol Pro	**Laboratory** Test America	**Sample Depth** 40.0
		Sample Suite See COCs	
Casing Diameter 2 inches	**Temperature (°F)** 52°	**Meters** YSI Pro Plus Geotech Water Level Meter Micro TWP Turbidimeter	**Serial numbers**
Casing Volume 5.30 gallons 1"=x0.04 2"=x0.16 4"=x0.65 6"=x1.47 8"=x10.4	**Weather Conditions** Sunny	**Calibration** Field 3/20/2023	**Ferrous Iron (Fe II) (mg/L)** N/A
Well Elevation (TOC) 822.28 feet			
Groundwater Elevation 804.92 feet	**Parameter Stabilization** temp +/- 1° DO +/- 10% Turbidity +/- 10% cond +/- 3% ORP +/- 10mV pH +/- 0.1 unit	**Product Observed (yes/no)** N/A	**Depth to product** N/A

Time	Volume removed (mL)	Temp (°C)	Cond (µS/cm)	DO (mg/L)	ORP (mV)	TDS (g/L)	Turbidity (NTU)	pH	Description		
									clarity	color	odor
1640	0	11.6	943	2.5	-82	0.61	54	6.5	Cloudy	White	None
1645	750	13.8	969	1.0	-85	0.64	58	6.5	Cloudy	White	None
1650	750	14.1	984	0.5	-99	0.64	49	6.6	Cloudy	White	None
1655	750	14.4	982	0.4	-105	0.64	51	6.6	Cloudy	White	None
1700	750	14.4	972	0.3	-106	0.63	50	6.6	Cloudy	White	None
1705	750	14.4	963	0.3	-107	0.63	50	6.6	Cloudy	White	None
1710	750	14.2	958	0.3	-107	0.62	49	6.6	Cloudy	White	None
1715	750	14.2	955	0.3	-106	0.62	48	6.6	Cloudy	White	None
1720	Collect Sample										

Total Time (min.)	Total Volume Removed	Well pumped dry (yes/no)	Notes
40	5250	No	

QA/QC Samples N/A

Signature

Matrix ENVIRONMENTAL

Matrix Environmental Services
283 Rucker Street
Anniston, AL 36205
(256) 847-0780

Station Name/Sample ID	
CWM-183-MW25	
Project	**Project Number**
McClellan	22.094.23-11.1

GROUNDWATER SAMPLING LOG

Groundwater Depth (TOC) 2.82 feet	**Sample Method** Low Flow	**Sampler** David Abernathy	**Date** 3/14/2023
Well Depth (TOC) 26.45 feet		**Location (Site)** T-6	**Begin Time** 11:50
Water Column Thickness 23.63 feet	**Equipment** Geotech Bladder Pump Geotech Geocontrol Pro	**Laboratory** Test America	**Sample Depth** 19.0
		Sample Suite See COCs	
Casing Diameter 2 inches	**Temperature (°F)** 44°	**Meters** YSI Pro Plus GeotechWater Level Meter Micro TPW Turbidimeter	**Serial numbers**
Casing Volume 3.78 gallons 1"=x0.04 2"=x0.16 4"=x0.65 6"=x1.47 8"=x10.4	**Weather Conditions** Sunny	**Calibration** Field 3/14/2023	**Ferrous Iron (Fe II) (mg/L)** N/A
Well Elevation (TOC) 798.08 feet			
Groundwater Elevation 795.26 feet	**Parameter Stabilization** temp +/- 1° DO +/- 10% Turbidity +/- 10% cond +/- 3% ORP +/- 10mV pH +/- 0.1 unit	**Product Observed (yes/no)** N/A	**Depth to product** N/A

Time	Volume removed (mL)	Temp (°C)	Cond (µS/cm)	DO (mg/L)	ORP (mV)	TDS (g/L)	Turbidity (NTU)	pH	Description		
									clarity	color	odor
1155	0	13.9	169	5.4	216	0.11	263	5.4	Cloudy	Brown	None
1200	450	13.7	168	4.5	219	0.11	226	5.4	Cloudy	Brown	None
1205	450	13.6	167	3.6	220	0.11	200	5.4	Cloudy	Brown	None
1210	450	13.6	166	3.0	223	0.11	175	5.4	Cloudy	Brown	None
1215	450	13.5	166	2.1	226	0.11	154	5.4	Cloudy	Brown	None
1220	450	13.5	165	1.7	225	0.11	126	5.4	Cloudy	Brown	None
1225	450	13.5	165	1.6	223	0.11	110	5.4	Cloudy	Brown	None
1230	450	13.6	166	1.5	224	0.11	106	5.5	Cloudy	Brown	None
1235	450	13.6	165	1.4	224	0.11	103	5.5	Cloudy	Brown	None
1240	450	13.7	166	1.4	224	0.11	99	5.5	Cloudy	Brown	None
1245	Collect Sample										

Total Time (min.)	Total Volume Removed	Well pumped dry (yes/no)	Notes
50	4050	No	

QA/QC Samples N/A

Signature

Matrix ENVIRONMENTAL

Matrix Environmental Services
283 Rucker Street
Anniston, AL 36205
(256) 847-0780

Station Name/Sample ID	
CWM-183-MW28	
Project	**Project Number**
McClellan	22.094.23-11.1

GROUNDWATER SAMPLING LOG

Groundwater Depth (TOC) 17.89 feet	**Sample Method** Low Flow	**Sampler** David Abernathy	**Date** 3/14/2023
Well Depth (TOC) 200.5 feet		**Location (Site)** T-6	**Begin Time** 16:25
Water Column Thickness 182.61 feet	**Equipment** Geotech Bladder Pump Geotech Geocontrol Pro	**Laboratory** Test America	**Sample Depth** 190.0
		Sample Suite See COCs	
Casing Diameter 2 inches	**Temperature (°F)** 51°	**Meters** YSI Pro Plus Geotech Water Level Meter Micro TPW Turbidimeter	**Serial numbers**
Casing Volume 29.22 gallons 1"=x0.04 2"=x0.16 4"=x0.65 6"=x1.47 8"=x10.4	**Weather Conditions** Sunny	**Calibration** Field 3/14/2023	**Ferrous Iron (Fe II) (mg/L)** N/A
Well Elevation (TOC) 802.34 feet			
Groundwater Elevation 784.45 feet	**Parameter Stabilization** temp +/- 1° DO +/- 10% Turbidity +/- 10% cond +/- 3% ORP +/- 10mV pH +/- 0.1 unit	**Product Observed (yes/no)** N/A	**Depth to product** N/A

Time	Volume removed (mL)	Temp (°C)	Cond (µS/cm)	DO (mg/L)	ORP (mV)	TDS (g/L)	Turbidity (NTU)	pH	Description		
									clarity	color	odor
1625	0	14.4	422	9.0	-68	0.27	5	8.0	Clear	Clear	None
1630	650	14.1	421	9.0	-82	0.27	7	8.1	Clear	Clear	None
1635	650	14.3	420	8.6	-135	0.27	7	8.3	Clear	Clear	None
1640	650	14.5	419	8.2	-168	0.27	7	8.4	Clear	Clear	None
1645	650	14.4	418	8.0	-175	0.27	7	8.4	Clear	Clear	None
1650	650	14.3	418	7.7	-186	0.27	8	8.4	Clear	Clear	None
1655	650	14.2	418	7.5	-194	0.27	7	8.4	Clear	Clear	None
1700	650	13.9	418	7.4	-197	0.27	7	8.4	Clear	Clear	None
1705	650	13.8	417	7.2	-195	0.27	7	8.4	Clear	Clear	None
1710	650	13.7	417	7.1	-195	0.27	7	8.4	Clear	Clear	None
1715	Collect Sample										

Total Time (min.)	Total Volume Removed	Well pumped dry (yes/no)	Notes
50	5850	No	

QA/QC Samples
N/A

Signature

Matrix ENVIRONMENTAL

Matrix Environmental Services
283 Rucker Street
Anniston, AL 36205
(256) 847-0780

Station Name/Sample ID	
CWM-183-MW31	
Project	**Project Number**
McClellan	22.094.23-11.1

GROUNDWATER SAMPLING LOG

Groundwater Depth (TOC) 4.8 feet	**Sample Method** Low Flow	**Sampler** David Abernathy	**Date** 3/13/2023
Well Depth (TOC) 204.8 feet		**Location (Site)** T-6	**Begin Time** 15:10
Water Column Thickness 200 feet	**Equipment** Geotech Bladder Pump Geotech Geocontrol Pro	**Laboratory** Test America	**Sample Depth** 198.0
		Sample Suite See COCs	
Casing Diameter 2 inches	**Temperature (°F)** 55°	**Meters** YSI Pro Plus Geotech Water Level Meter Micro TPW Turbidimeter	**Serial numbers**
Casing Volume 32.00 gallons 1"=x0.04 2"=x0.16 4"=x0.65 6"=x1.47 8"=x10.4	**Weather Conditions** Sunny	**Calibration** Field 3/13/2023	**Ferrous Iron (Fe II) (mg/L)** N/A
Well Elevation (TOC) 789.22 feet			
Groundwater Elevation 784.42 feet	**Parameter Stabilization** temp +/- 1° DO +/- 10% Turbidity +/- 10% cond +/- 3% ORP +/- 10mV pH +/- 0.1 unit	**Product Observed (yes/no)** N/A	**Depth to product** N/A

Time	Volume removed (mL)	Temp (°C)	Cond (µS/cm)	DO (mg/L)	ORP (mV)	TDS (g/L)	Turbidity (NTU)	pH	Description		
									clarity	color	odor
1515	0	16.2	436	6.1	-70	0.28	9	7.3	Clear	Clear	None
1520	750	16.2	437	3.0	-124	0.28	9	7.4	Clear	Clear	None
1525	750	16.2	437	2.5	-162	0.28	8	7.5	Clear	Clear	None
1530	750	16.1	437	2.0	-191	0.28	7	7.6	Clear	Clear	None
1535	750	16.1	435	2.2	-207	0.28	6	7.6	Clear	Clear	None
1540	750	16.2	434	1.7	-221	0.28	6	7.7	Clear	Clear	None
1545	750	16.4	433	1.4	-228	0.28	5	7.7	Clear	Clear	None
1550	750	16.4	432	1.3	-233	0.28	6	7.7	Clear	Clear	None
1555	750	16.4	432	1.3	-235	0.28	6	7.7	Clear	Clear	None
1600	Collect Sample										

Total Time (min.)	Total Volume Removed	Well pumped dry (yes/no)	Notes
45	6000	No	

QA/QC Samples N/A

Signature

APPENDIX B

ANALYTICAL REPORTS

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Tel: (912)354-7858

Laboratory Job ID: 680-221532-1
Client Project/Site: Parcel 183(6), Training Area T6 (Naylor Field)

For:
Matrix Environmental Services, LLC
707 17th Street
Suite 3150
Denver, Colorado 80202

Attn: Ms. Betty Van Pelt

Noël Savoie

Authorized for release by:
10/12/2022 4:38:51 PM

Noel Savoie, Project Manager I
(850)254-0107
Noel.Savoie@et.eurofinsus.com

LINKS

Review your project results through my EOL

Have a Question? Ask The Expert

Visit us at:
www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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

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

Definitions/Glossary

Client: Matrix Environmental Services, LLC
Job ID: 680-221532-1
Project/Site: Parcel 183(6), Training Area T6 (Naylor Field)

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

GC VOA

Qualifier	Qualifier Description
E	Result exceeded calibration range.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Matrix Environmental Services, LLC
Job ID: 680-221532-1
Project/Site: Parcel 183(6), Training Area T6 (Naylor Field)

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-221532-1	CWM-183-MW04	Water	09/20/22 16:15	09/22/22 11:00
680-221532-2	CWM-183-MW06	Water	09/21/22 11:56	09/22/22 11:00
680-221532-3	CWM-183-MW08	Water	09/21/22 08:41	09/22/22 11:00
680-221532-4	CWM-183-MW11	Water	09/21/22 08:40	09/22/22 11:00
680-221532-5	CWM-183-MW13	Water	09/20/22 14:45	09/22/22 11:00
680-221532-6	CWM-183-MW15	Water	09/20/22 13:16	09/22/22 11:00
680-221532-7	CWM-183-MW16	Water	09/20/22 12:11	09/22/22 11:00
680-221532-8	CWM-183-MW17	Water	09/21/22 09:56	09/22/22 11:00
680-221532-9	TB602	Water	09/21/22 13:09	09/22/22 11:00
680-221532-10	CWM-183-MW19	Water	09/20/22 09:05	09/22/22 11:00
680-221532-11	CWM-183-MW20	Water	09/20/22 14:46	09/22/22 11:00
680-221532-12	CWM-183-MW21	Water	09/20/22 13:35	09/22/22 11:00
680-221532-13	CWM-183-MW22	Water	09/20/22 12:35	09/22/22 11:00
680-221532-14	CWM-183-MW23	Water	09/21/22 10:56	09/22/22 11:00
680-221532-15	CWM-183-MW25	Water	09/20/22 10:45	09/22/22 11:00
680-221532-16	CWM-183-MW28	Water	09/20/22 10:36	09/22/22 11:00
680-221532-17	CWM-183-MW31	Water	09/20/22 08:46	09/22/22 11:00
680-221532-18	DUP401	Water	09/20/22 00:00	09/22/22 11:00
680-221532-19	DUP402	Water	09/20/22 00:00	09/22/22 11:00

Job ID: 680-221532-1

Laboratory: Eurofins Savannah

Narrative

Job Narrative
680-221532-1

Receipt
The samples were received on 9/22/2022 11:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.9°C

GC/MS VOA
Method 8260D: The method requirement for no headspace was not met. The following volatile sample was analyzed with headspace in the sample containers: CWM-183-MW31 (680-221532-17).

Method 8260D: The laboratory control sample (LCS) for analytical batch 680-742088 recovered outside control limits for the following analytes: Iodomethane and Trichlorofluoromethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The laboratory control sample duplicate (LCSD) for analytical batch 680-742088 recovered outside control limits for the following analyte: Trichlorofluoromethane. This analyte was biased high in the LCSD and was not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The %RPD of the laboratory control sample/laboratory control sample duplicate (LCS/LCSD) for analytical batch 680-742088 recovered outside control limits for the following analytes: cis-1,3-Dichloropropene, 1,3-Dichloropropane, 1,1-Dichloroethane, 1,2-Dichloropropane and Vinyl acetate.

Method 8260D: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 680-742088.

Method 8260D: The laboratory control sample (LCS) for analytical batch 680-742316 recovered outside control limits for the following analyte: Vinyl acetate. Vinyl acetate has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method 8260D: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 680-742316.

Method 8260D: The laboratory control sample/laboratory control sample duplicate (LCS/LCSD) for analytical batch 680-742328 recovered outside control limits for the following analyte: Trichlorofluoromethane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The method requirement for no headspace was not met. The following volatile sample was analyzed with headspace in the sample container(s): CWM-183-MW13 (680-221532-5[MSD]).

Method 8260D: Surrogate recovery was outside acceptance limits for the following matrix spike duplicate (MSD) sample: CWM-183-MW13 (680-221532-5[MSD]). The parent sample's surrogate recovery was within limits. The MSD sample has been qualified and reported.

Method 8260D: The matrix spike/matrix spike duplicate (MS/MSD) and %RPD for analytical batch 680-742328 was outside advisory control limits for several analytes. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8260D: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batches 680-742453 and 680-742750.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Job ID: 680-221532-1 (Continued)

Laboratory: Eurofins Savannah (Continued)

GC VOA

Method RSK_175: The native sample, matrix spike, and matrix spike duplicate (MS/MSD) associated with analytical batch 680-742785 were performed at the same dilution. Due to the additional level of analyte present in the spiked samples, the concentration of Methane in the MS/MSD was above the instrument calibration range. The data has been reported and qualified.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 183(6), Training Area T6 (Naylor Field)

Job ID: 680-221532-1

Client Sample ID: CWM-183-MW04
Date Collected: 09/20/22 16:15
Date Received: 09/22/22 11:00

Lab Sample ID: 680-221532-1
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			09/25/22 18:19	1
Acrylonitrile	5.5	U	20	5.5	ug/L			09/25/22 18:19	1
Benzene	0.27	U	1.0	0.27	ug/L			09/25/22 18:19	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			09/25/22 18:19	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			09/25/22 18:19	1
Bromoform	0.59	U	1.0	0.59	ug/L			09/25/22 18:19	1
Bromomethane	3.7	U	5.0	3.7	ug/L			09/25/22 18:19	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			09/25/22 18:19	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			09/25/22 18:19	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			09/25/22 18:19	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			09/25/22 18:19	1
Chloroethane	4.6	U	5.0	4.6	ug/L			09/25/22 18:19	1
Chloroform	0.27	U	1.0	0.27	ug/L			09/25/22 18:19	1
Chloromethane	0.54	U	1.0	0.54	ug/L			09/25/22 18:19	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			09/25/22 18:19	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			09/25/22 18:19	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			09/25/22 18:19	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			09/25/22 18:19	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			09/25/22 18:19	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			09/25/22 18:19	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			09/25/22 18:19	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			09/25/22 18:19	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			09/25/22 18:19	1
cis-1,2-Dichloroethene	**3.5**		1.0	0.25	ug/L			09/25/22 18:19	1
trans-1,2-Dichloroethene	**0.47**	**J**	1.0	0.34	ug/L			09/25/22 18:19	1
1,1-Dichloroethene	0.33	U *1	1.0	0.33	ug/L			09/25/22 18:19	1
1,2-Dichloropropane	0.22	U *1	1.0	0.22	ug/L			09/25/22 18:19	1
1,3-Dichloropropane	0.36	U *1	1.0	0.36	ug/L			09/25/22 18:19	1
cis-1,3-Dichloropropene	0.26	U *1	1.0	0.26	ug/L			09/25/22 18:19	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			09/25/22 18:19	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			09/25/22 18:19	1
2-Hexanone	3.2	U	10	3.2	ug/L			09/25/22 18:19	1
Iodomethane	3.9	U *+	10	3.9	ug/L			09/25/22 18:19	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			09/25/22 18:19	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			09/25/22 18:19	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			09/25/22 18:19	1
Styrene	0.27	U	1.0	0.27	ug/L			09/25/22 18:19	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			09/25/22 18:19	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			09/25/22 18:19	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			09/25/22 18:19	1
Toluene	0.25	U	1.0	0.25	ug/L			09/25/22 18:19	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			09/25/22 18:19	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			09/25/22 18:19	1
Trichloroethene	**0.83**	**J**	1.0	0.20	ug/L			09/25/22 18:19	1
Trichlorofluoromethane	0.33	U *+	1.0	0.33	ug/L			09/25/22 18:19	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			09/25/22 18:19	1
Vinyl acetate	0.69	U *1	2.0	0.69	ug/L			09/25/22 18:19	1
Vinyl chloride	**5.0**		1.0	0.40	ug/L			09/25/22 18:19	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			09/25/22 18:19	1

Client Sample ID: CWM-183-MW04
Lab Sample ID: 680-221532-1

Date Collected: 09/20/22 16:15
Matrix: Water
Date Received: 09/22/22 11:00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*70 - 130*		*09/25/22 18:19*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*60 - 124*		*09/25/22 18:19*	*1*
Dibromofluoromethane (Surr)	*103*		*70 - 130*		*09/25/22 18:19*	*1*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*		*09/25/22 18:19*	*1*

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	**120**		0.58	0.57	ug/L			09/29/22 17:31	1
Ethane	**0.63**	**J**	1.1	0.30	ug/L			09/29/22 17:31	1
Ethene	**0.78**	**J**	1.0	0.31	ug/L			09/29/22 17:31	1

Client Sample ID: CWM-183-MW06
Lab Sample ID: 680-221532-2

Date Collected: 09/21/22 11:56
Matrix: Water
Date Received: 09/22/22 11:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			09/29/22 17:00	1
Acrylonitrile	5.5	U	20	5.5	ug/L			09/29/22 17:00	1
Benzene	0.27	U	1.0	0.27	ug/L			09/29/22 17:00	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			09/29/22 17:00	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			09/29/22 17:00	1
Bromoform	0.59	U	1.0	0.59	ug/L			09/29/22 17:00	1
Bromomethane	3.7	U	5.0	3.7	ug/L			09/29/22 17:00	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			09/29/22 17:00	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			09/29/22 17:00	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			09/29/22 17:00	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			09/29/22 17:00	1
Chloroethane	4.6	U	5.0	4.6	ug/L			09/29/22 17:00	1
Chloroform	0.27	U	1.0	0.27	ug/L			09/29/22 17:00	1
Chloromethane	0.54	U	1.0	0.54	ug/L			09/29/22 17:00	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			09/29/22 17:00	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			09/29/22 17:00	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			09/29/22 17:00	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			09/29/22 17:00	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			09/29/22 17:00	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			09/29/22 17:00	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			09/29/22 17:00	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			09/29/22 17:00	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			09/29/22 17:00	1
cis-1,2-Dichloroethene	0.25	U	1.0	0.25	ug/L			09/29/22 17:00	1
trans-1,2-Dichloroethene	0.34	U	1.0	0.34	ug/L			09/29/22 17:00	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			09/29/22 17:00	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			09/29/22 17:00	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/29/22 17:00	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			09/29/22 17:00	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			09/29/22 17:00	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			09/29/22 17:00	1
2-Hexanone	3.2	U	10	3.2	ug/L			09/29/22 17:00	1
Iodomethane	3.9	U	10	3.9	ug/L			09/29/22 17:00	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			09/29/22 17:00	1

Client: Matrix Environmental Services, LLC
Job ID: 680-221532-1
Project/Site: Parcel 183(6), Training Area T6 (Naylor Field)

Client Sample ID: CWM-183-MW06
Lab Sample ID: 680-221532-2
Date Collected: 09/21/22 11:56
Matrix: Water
Date Received: 09/22/22 11:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			09/29/22 17:00	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			09/29/22 17:00	1
Styrene	0.27	U	1.0	0.27	ug/L			09/29/22 17:00	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			09/29/22 17:00	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			09/29/22 17:00	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			09/29/22 17:00	1
Toluene	0.25	U	1.0	0.25	ug/L			09/29/22 17:00	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			09/29/22 17:00	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			09/29/22 17:00	1
Trichloroethene	**0.28**	**J**	1.0	0.20	ug/L			09/29/22 17:00	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			09/29/22 17:00	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			09/29/22 17:00	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			09/29/22 17:00	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			09/29/22 17:00	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			09/29/22 17:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*106*		*70 - 130*		*09/29/22 17:00*	*1*
1,2-Dichloroethane-d4 (Surr)	*92*		*60 - 124*		*09/29/22 17:00*	*1*
Dibromofluoromethane (Surr)	*110*		*70 - 130*		*09/29/22 17:00*	*1*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*		*09/29/22 17:00*	*1*

Client Sample ID: CWM-183-MW08
Lab Sample ID: 680-221532-3
Date Collected: 09/21/22 08:41
Matrix: Water
Date Received: 09/22/22 11:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			09/27/22 20:27	1
Acrylonitrile	5.5	U	20	5.5	ug/L			09/27/22 20:27	1
Benzene	0.27	U	1.0	0.27	ug/L			09/27/22 20:27	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			09/27/22 20:27	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			09/27/22 20:27	1
Bromoform	0.59	U	1.0	0.59	ug/L			09/27/22 20:27	1
Bromomethane	3.7	U	5.0	3.7	ug/L			09/27/22 20:27	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			09/27/22 20:27	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			09/27/22 20:27	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			09/27/22 20:27	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			09/27/22 20:27	1
Chloroethane	4.6	U	5.0	4.6	ug/L			09/27/22 20:27	1
Chloroform	0.27	U	1.0	0.27	ug/L			09/27/22 20:27	1
Chloromethane	0.54	U	1.0	0.54	ug/L			09/27/22 20:27	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			09/27/22 20:27	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			09/27/22 20:27	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			09/27/22 20:27	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			09/27/22 20:27	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			09/27/22 20:27	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			09/27/22 20:27	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			09/27/22 20:27	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			09/27/22 20:27	1

Client Sample ID: CWM-183-MW08
Lab Sample ID: 680-221532-3
Date Collected: 09/21/22 08:41
Matrix: Water
Date Received: 09/22/22 11:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			09/27/22 20:27	1
cis-1,2-Dichloroethene	88		1.0	0.25	ug/L			09/27/22 20:27	1
trans-1,2-Dichloroethene	3.5		1.0	0.34	ug/L			09/27/22 20:27	1
1,1-Dichloroethene	2.6		1.0	0.33	ug/L			09/27/22 20:27	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			09/27/22 20:27	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/27/22 20:27	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			09/27/22 20:27	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			09/27/22 20:27	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			09/27/22 20:27	1
2-Hexanone	3.2	U	10	3.2	ug/L			09/27/22 20:27	1
Iodomethane	3.9	U	10	3.9	ug/L			09/27/22 20:27	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			09/27/22 20:27	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			09/27/22 20:27	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			09/27/22 20:27	1
Styrene	0.27	U	1.0	0.27	ug/L			09/27/22 20:27	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			09/27/22 20:27	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			09/27/22 20:27	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			09/27/22 20:27	1
Toluene	0.25	U	1.0	0.25	ug/L			09/27/22 20:27	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			09/27/22 20:27	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			09/27/22 20:27	1
Trichloroethene	88		1.0	0.20	ug/L			09/27/22 20:27	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			09/27/22 20:27	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			09/27/22 20:27	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			09/27/22 20:27	1
Vinyl chloride	22		1.0	0.40	ug/L			09/27/22 20:27	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			09/27/22 20:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*70 - 130*		*09/27/22 20:27*	*1*
1,2-Dichloroethane-d4 (Surr)	*118*		*60 - 124*		*09/27/22 20:27*	*1*
Dibromofluoromethane (Surr)	*107*		*70 - 130*		*09/27/22 20:27*	*1*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*		*09/27/22 20:27*	*1*

Client Sample ID: CWM-183-MW11
Lab Sample ID: 680-221532-4
Date Collected: 09/21/22 08:40
Matrix: Water
Date Received: 09/22/22 11:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			09/28/22 00:34	1
Acrylonitrile	5.5	U	20	5.5	ug/L			09/28/22 00:34	1
Benzene	0.27	U	1.0	0.27	ug/L			09/28/22 00:34	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			09/28/22 00:34	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			09/28/22 00:34	1
Bromoform	0.59	U	1.0	0.59	ug/L			09/28/22 00:34	1
Bromomethane	3.7	U	5.0	3.7	ug/L			09/28/22 00:34	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			09/28/22 00:34	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			09/28/22 00:34	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			09/28/22 00:34	1

Client Sample ID: CWM-183-MW11
Lab Sample ID: 680-221532-4
Date Collected: 09/21/22 08:40
Matrix: Water
Date Received: 09/22/22 11:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.15	U	1.0	0.15	ug/L			09/28/22 00:34	1
Chloroethane	4.6	U	5.0	4.6	ug/L			09/28/22 00:34	1
Chloroform	0.27	U	1.0	0.27	ug/L			09/28/22 00:34	1
Chloromethane	0.54	U	1.0	0.54	ug/L			09/28/22 00:34	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			09/28/22 00:34	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			09/28/22 00:34	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			09/28/22 00:34	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			09/28/22 00:34	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			09/28/22 00:34	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			09/28/22 00:34	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			09/28/22 00:34	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			09/28/22 00:34	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			09/28/22 00:34	1
cis-1,2-Dichloroethene	**3.8**		1.0	0.25	ug/L			09/28/22 00:34	1
trans-1,2-Dichloroethene	0.34	U	1.0	0.34	ug/L			09/28/22 00:34	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			09/28/22 00:34	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			09/28/22 00:34	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/28/22 00:34	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			09/28/22 00:34	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			09/28/22 00:34	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			09/28/22 00:34	1
2-Hexanone	3.2	U	10	3.2	ug/L			09/28/22 00:34	1
Iodomethane	3.9	U	10	3.9	ug/L			09/28/22 00:34	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			09/28/22 00:34	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			09/28/22 00:34	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			09/28/22 00:34	1
Styrene	0.27	U	1.0	0.27	ug/L			09/28/22 00:34	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			09/28/22 00:34	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			09/28/22 00:34	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			09/28/22 00:34	1
Toluene	0.25	U	1.0	0.25	ug/L			09/28/22 00:34	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			09/28/22 00:34	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			09/28/22 00:34	1
Trichloroethene	**5.8**		1.0	0.20	ug/L			09/28/22 00:34	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			09/28/22 00:34	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			09/28/22 00:34	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			09/28/22 00:34	1
Vinyl chloride	**3.6**		1.0	0.40	ug/L			09/28/22 00:34	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			09/28/22 00:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*70 - 130*		*09/28/22 00:34*	*1*
1,2-Dichloroethane-d4 (Surr)	*124*		*60 - 124*		*09/28/22 00:34*	*1*
Dibromofluoromethane (Surr)	*118*		*70 - 130*		*09/28/22 00:34*	*1*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*		*09/28/22 00:34*	*1*

Client: Matrix Environmental Services, LLC
Job ID: 680-221532-1
Project/Site: Parcel 183(6), Training Area T6 (Naylor Field)

Client Sample ID: CWM-183-MW13
Lab Sample ID: 680-221532-5
Date Collected: 09/20/22 14:45
Matrix: Water
Date Received: 09/22/22 11:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U F1 F2	10	3.7	ug/L			09/27/22 15:40	1
Acrylonitrile	5.5	U F1 F2	20	5.5	ug/L			09/27/22 15:40	1
Benzene	0.27	U F1 F2	1.0	0.27	ug/L			09/27/22 15:40	1
Bromochloromethane	0.34	U F1 F2	1.0	0.34	ug/L			09/27/22 15:40	1
Bromodichloromethane	0.25	U F1 F2	1.0	0.25	ug/L			09/27/22 15:40	1
Bromoform	0.59	U F1 F2	1.0	0.59	ug/L			09/27/22 15:40	1
Bromomethane	3.7	U F2	5.0	3.7	ug/L			09/27/22 15:40	1
2-Butanone (MEK)	6.4	U F1 F2	10	6.4	ug/L			09/27/22 15:40	1
Carbon disulfide	0.43	U F1 F2	2.0	0.43	ug/L			09/27/22 15:40	1
Carbon tetrachloride	0.30	U F1 F2	1.0	0.30	ug/L			09/27/22 15:40	1
Chlorobenzene	0.15	U F1 F2	1.0	0.15	ug/L			09/27/22 15:40	1
Chloroethane	4.6	U F2	5.0	4.6	ug/L			09/27/22 15:40	1
Chloroform	0.27	U F1 F2	1.0	0.27	ug/L			09/27/22 15:40	1
Chloromethane	0.54	U F1 F2	1.0	0.54	ug/L			09/27/22 15:40	1
Dibromochloromethane	0.39	U F1 F2	1.0	0.39	ug/L			09/27/22 15:40	1
1,2-Dibromo-3-Chloropropane	1.8	U F1 F2	5.0	1.8	ug/L			09/27/22 15:40	1
1,2-Dibromoethane	0.33	U F1 F2	1.0	0.33	ug/L			09/27/22 15:40	1
Dibromomethane	0.34	U F1 F2	1.0	0.34	ug/L			09/27/22 15:40	1
1,2-Dichlorobenzene	0.31	U F1 F2	1.0	0.31	ug/L			09/27/22 15:40	1
1,4-Dichlorobenzene	0.31	U F1 F2	1.0	0.31	ug/L			09/27/22 15:40	1
trans-1,4-Dichloro-2-butene	1.3	U F1 F2	2.0	1.3	ug/L			09/27/22 15:40	1
1,1-Dichloroethane	0.33	U F1 F2	1.0	0.33	ug/L			09/27/22 15:40	1
1,2-Dichloroethane	0.25	U F1	1.0	0.25	ug/L			09/27/22 15:40	1
cis-1,2-Dichloroethene	**130**	**F1 F2**	1.0	0.25	ug/L			09/27/22 15:40	1
trans-1,2-Dichloroethene	**7.8**	**F1 F2**	1.0	0.34	ug/L			09/27/22 15:40	1
1,1-Dichloroethene	**7.9**	**F1 F2**	1.0	0.33	ug/L			09/27/22 15:40	1
1,2-Dichloropropane	0.22	U F1 F2	1.0	0.22	ug/L			09/27/22 15:40	1
1,3-Dichloropropane	0.36	U F1 F2	1.0	0.36	ug/L			09/27/22 15:40	1
cis-1,3-Dichloropropene	0.26	U F1 F2	1.0	0.26	ug/L			09/27/22 15:40	1
trans-1,3-Dichloropropene	0.23	U F1 F2	1.0	0.23	ug/L			09/27/22 15:40	1
Ethylbenzene	0.20	U F1 F2	1.0	0.20	ug/L			09/27/22 15:40	1
2-Hexanone	3.2	U F1 F2	10	3.2	ug/L			09/27/22 15:40	1
Iodomethane	3.9	U F1	10	3.9	ug/L			09/27/22 15:40	1
Methylene Chloride	3.2	U F1 F2	5.0	3.2	ug/L			09/27/22 15:40	1
4-Methyl-2-pentanone (MIBK)	2.7	U F1 F2	10	2.7	ug/L			09/27/22 15:40	1
Methyl tert-butyl ether	0.81	U F1 F2	5.0	0.81	ug/L			09/27/22 15:40	1
Styrene	0.27	U F1 F2	1.0	0.27	ug/L			09/27/22 15:40	1
1,1,1,2-Tetrachloroethane	0.36	U F1 F2	1.0	0.36	ug/L			09/27/22 15:40	1
1,1,2,2-Tetrachloroethane	0.40	U F1 F2	1.0	0.40	ug/L			09/27/22 15:40	1
Tetrachloroethylene	0.35	U F1 F2	0.50	0.35	ug/L			09/27/22 15:40	1
Toluene	0.25	U F1 F2	1.0	0.25	ug/L			09/27/22 15:40	1
1,1,1-Trichloroethane	0.21	U F1 F2	1.0	0.21	ug/L			09/27/22 15:40	1
1,1,2-Trichloroethane	0.32	U F1 F2	1.0	0.32	ug/L			09/27/22 15:40	1
Trichlorofluoromethane	0.33	U *+ F1 F2	1.0	0.33	ug/L			09/27/22 15:40	1
1,2,3-Trichloropropane	0.48	U F1 F2	1.0	0.48	ug/L			09/27/22 15:40	1
Vinyl acetate	0.69	U F1 F2	2.0	0.69	ug/L			09/27/22 15:40	1
Vinyl chloride	**88**	**F1 F2**	1.0	0.40	ug/L			09/27/22 15:40	1
Xylenes, Total	0.23	U F1 F2	1.0	0.23	ug/L			09/27/22 15:40	1

Client: Matrix Environmental Services, LLC
Job ID: 680-221532-1
Project/Site: Parcel 183(6), Training Area T6 (Naylor Field)

Client Sample ID: CWM-183-MW13
Lab Sample ID: 680-221532-5
Date Collected: 09/20/22 14:45
Matrix: Water
Date Received: 09/22/22 11:00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*104*		*70 - 130*		*09/27/22 15:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*60 - 124*		*09/27/22 15:40*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*09/27/22 15:40*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*09/27/22 15:40*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	**150**	**F1**	5.0	1.0	ug/L			09/28/22 21:32	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*70 - 130*		*09/28/22 21:32*	*5*
1,2-Dichloroethane-d4 (Surr)	*85*		*60 - 124*		*09/28/22 21:32*	*5*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*09/28/22 21:32*	*5*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*		*09/28/22 21:32*	*5*

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	**330**		0.58	0.57	ug/L			09/29/22 17:44	1
Ethane	**3.8**		1.1	0.30	ug/L			09/29/22 17:44	1
Ethene	**7.9**		1.0	0.31	ug/L			09/29/22 17:44	1

Client Sample ID: CWM-183-MW15
Lab Sample ID: 680-221532-6
Date Collected: 09/20/22 13:16
Matrix: Water
Date Received: 09/22/22 11:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			09/27/22 14:37	1
Acrylonitrile	5.5	U	20	5.5	ug/L			09/27/22 14:37	1
Benzene	0.27	U	1.0	0.27	ug/L			09/27/22 14:37	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			09/27/22 14:37	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			09/27/22 14:37	1
Bromoform	0.59	U	1.0	0.59	ug/L			09/27/22 14:37	1
Bromomethane	3.7	U	5.0	3.7	ug/L			09/27/22 14:37	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			09/27/22 14:37	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			09/27/22 14:37	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			09/27/22 14:37	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			09/27/22 14:37	1
Chloroethane	4.6	U	5.0	4.6	ug/L			09/27/22 14:37	1
Chloroform	0.27	U	1.0	0.27	ug/L			09/27/22 14:37	1
Chloromethane	0.54	U	1.0	0.54	ug/L			09/27/22 14:37	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			09/27/22 14:37	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			09/27/22 14:37	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			09/27/22 14:37	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			09/27/22 14:37	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			09/27/22 14:37	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			09/27/22 14:37	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			09/27/22 14:37	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			09/27/22 14:37	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			09/27/22 14:37	1
cis-1,2-Dichloroethene	**3.1**		1.0	0.25	ug/L			09/27/22 14:37	1

Client: Matrix Environmental Services, LLC
Job ID: 680-221532-1
Project/Site: Parcel 183(6), Training Area T6 (Naylor Field)

Client Sample ID: CWM-183-MW15
Lab Sample ID: 680-221532-6
Date Collected: 09/20/22 13:16
Matrix: Water
Date Received: 09/22/22 11:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	1.3		1.0	0.34	ug/L			09/27/22 14:37	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			09/27/22 14:37	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			09/27/22 14:37	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/27/22 14:37	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			09/27/22 14:37	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			09/27/22 14:37	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			09/27/22 14:37	1
2-Hexanone	3.2	U	10	3.2	ug/L			09/27/22 14:37	1
Iodomethane	3.9	U	10	3.9	ug/L			09/27/22 14:37	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			09/27/22 14:37	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			09/27/22 14:37	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			09/27/22 14:37	1
Styrene	0.27	U	1.0	0.27	ug/L			09/27/22 14:37	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			09/27/22 14:37	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			09/27/22 14:37	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			09/27/22 14:37	1
Toluene	0.25	U	1.0	0.25	ug/L			09/27/22 14:37	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			09/27/22 14:37	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			09/27/22 14:37	1
Trichloroethene	1.3		1.0	0.20	ug/L			09/27/22 14:37	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			09/27/22 14:37	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			09/27/22 14:37	1
Vinyl acetate	0.69	U *-	2.0	0.69	ug/L			09/27/22 14:37	1
Vinyl chloride	1.6		1.0	0.40	ug/L			09/27/22 14:37	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			09/27/22 14:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*70 - 130*		*09/27/22 14:37*	*1*
1,2-Dichloroethane-d4 (Surr)	*86*		*60 - 124*		*09/27/22 14:37*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*09/27/22 14:37*	*1*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*		*09/27/22 14:37*	*1*

Client Sample ID: CWM-183-MW16
Lab Sample ID: 680-221532-7
Date Collected: 09/20/22 12:11
Matrix: Water
Date Received: 09/22/22 11:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			09/27/22 15:00	1
Acrylonitrile	5.5	U	20	5.5	ug/L			09/27/22 15:00	1
Benzene	0.27	U	1.0	0.27	ug/L			09/27/22 15:00	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			09/27/22 15:00	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			09/27/22 15:00	1
Bromoform	0.59	U	1.0	0.59	ug/L			09/27/22 15:00	1
Bromomethane	3.7	U	5.0	3.7	ug/L			09/27/22 15:00	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			09/27/22 15:00	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			09/27/22 15:00	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			09/27/22 15:00	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			09/27/22 15:00	1
Chloroethane	4.7	J	5.0	4.6	ug/L			09/27/22 15:00	1

Client: Matrix Environmental Services, LLC
Job ID: 680-221532-1
Project/Site: Parcel 183(6), Training Area T6 (Naylor Field)

Client Sample ID: CWM-183-MW16
Lab Sample ID: 680-221532-7
Date Collected: 09/20/22 12:11
Matrix: Water
Date Received: 09/22/22 11:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	0.27	U	1.0	0.27	ug/L			09/27/22 15:00	1
Chloromethane	0.54	U	1.0	0.54	ug/L			09/27/22 15:00	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			09/27/22 15:00	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			09/27/22 15:00	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			09/27/22 15:00	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			09/27/22 15:00	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			09/27/22 15:00	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			09/27/22 15:00	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			09/27/22 15:00	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			09/27/22 15:00	1
1,2-Dichloroethane	**0.39**	**J**	1.0	0.25	ug/L			09/27/22 15:00	1
cis-1,2-Dichloroethene	**6.6**		1.0	0.25	ug/L			09/27/22 15:00	1
trans-1,2-Dichloroethene	**5.2**		1.0	0.34	ug/L			09/27/22 15:00	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			09/27/22 15:00	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			09/27/22 15:00	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/27/22 15:00	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			09/27/22 15:00	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			09/27/22 15:00	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			09/27/22 15:00	1
2-Hexanone	3.2	U	10	3.2	ug/L			09/27/22 15:00	1
Iodomethane	3.9	U	10	3.9	ug/L			09/27/22 15:00	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			09/27/22 15:00	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			09/27/22 15:00	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			09/27/22 15:00	1
Styrene	0.27	U	1.0	0.27	ug/L			09/27/22 15:00	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			09/27/22 15:00	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			09/27/22 15:00	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			09/27/22 15:00	1
Toluene	0.25	U	1.0	0.25	ug/L			09/27/22 15:00	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			09/27/22 15:00	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			09/27/22 15:00	1
Trichloroethene	**3.6**		1.0	0.20	ug/L			09/27/22 15:00	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			09/27/22 15:00	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			09/27/22 15:00	1
Vinyl acetate	0.69	U *-	2.0	0.69	ug/L			09/27/22 15:00	1
Vinyl chloride	**7.7**		1.0	0.40	ug/L			09/27/22 15:00	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			09/27/22 15:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*70 - 130*		*09/27/22 15:00*	*1*
1,2-Dichloroethane-d4 (Surr)	*86*		*60 - 124*		*09/27/22 15:00*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*09/27/22 15:00*	*1*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*		*09/27/22 15:00*	*1*

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 183(6), Training Area T6 (Naylor Field)

Job ID: 680-221532-1

Client Sample ID: CWM-183-MW17
Date Collected: 09/21/22 09:56
Date Received: 09/22/22 11:00

Lab Sample ID: 680-221532-8
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			09/27/22 20:46	1
Acrylonitrile	5.5	U	20	5.5	ug/L			09/27/22 20:46	1
Benzene	0.27	U	1.0	0.27	ug/L			09/27/22 20:46	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			09/27/22 20:46	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			09/27/22 20:46	1
Bromoform	0.59	U	1.0	0.59	ug/L			09/27/22 20:46	1
Bromomethane	3.7	U	5.0	3.7	ug/L			09/27/22 20:46	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			09/27/22 20:46	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			09/27/22 20:46	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			09/27/22 20:46	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			09/27/22 20:46	1
Chloroethane	4.6	U	5.0	4.6	ug/L			09/27/22 20:46	1
Chloroform	0.27	U	1.0	0.27	ug/L			09/27/22 20:46	1
Chloromethane	0.54	U	1.0	0.54	ug/L			09/27/22 20:46	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			09/27/22 20:46	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			09/27/22 20:46	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			09/27/22 20:46	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			09/27/22 20:46	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			09/27/22 20:46	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			09/27/22 20:46	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			09/27/22 20:46	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			09/27/22 20:46	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			09/27/22 20:46	1
cis-1,2-Dichloroethene	**6.7**		1.0	0.25	ug/L			09/27/22 20:46	1
trans-1,2-Dichloroethene	**1.6**		1.0	0.34	ug/L			09/27/22 20:46	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			09/27/22 20:46	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			09/27/22 20:46	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/27/22 20:46	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			09/27/22 20:46	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			09/27/22 20:46	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			09/27/22 20:46	1
2-Hexanone	3.2	U	10	3.2	ug/L			09/27/22 20:46	1
Iodomethane	3.9	U	10	3.9	ug/L			09/27/22 20:46	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			09/27/22 20:46	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			09/27/22 20:46	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			09/27/22 20:46	1
Styrene	0.27	U	1.0	0.27	ug/L			09/27/22 20:46	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			09/27/22 20:46	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			09/27/22 20:46	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			09/27/22 20:46	1
Toluene	0.25	U	1.0	0.25	ug/L			09/27/22 20:46	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			09/27/22 20:46	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			09/27/22 20:46	1
Trichloroethene	**25**		1.0	0.20	ug/L			09/27/22 20:46	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			09/27/22 20:46	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			09/27/22 20:46	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			09/27/22 20:46	1
Vinyl chloride	**2.8**		1.0	0.40	ug/L			09/27/22 20:46	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			09/27/22 20:46	1

Client: Matrix Environmental Services, LLC
Job ID: 680-221532-1
Project/Site: Parcel 183(6), Training Area T6 (Naylor Field)

Client Sample ID: CWM-183-MW17
Lab Sample ID: 680-221532-8
Date Collected: 09/21/22 09:56
Matrix: Water
Date Received: 09/22/22 11:00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*70 - 130*		*09/27/22 20:46*	*1*
1,2-Dichloroethane-d4 (Surr)	*116*		*60 - 124*		*09/27/22 20:46*	*1*
Dibromofluoromethane (Surr)	*113*		*70 - 130*		*09/27/22 20:46*	*1*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*		*09/27/22 20:46*	*1*

Client Sample ID: TB602
Lab Sample ID: 680-221532-9
Date Collected: 09/21/22 13:09
Matrix: Water
Date Received: 09/22/22 11:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	7.2	J	10	3.7	ug/L			09/27/22 19:49	1
Acrylonitrile	5.5	U	20	5.5	ug/L			09/27/22 19:49	1
Benzene	0.27	U	1.0	0.27	ug/L			09/27/22 19:49	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			09/27/22 19:49	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			09/27/22 19:49	1
Bromoform	0.59	U	1.0	0.59	ug/L			09/27/22 19:49	1
Bromomethane	3.7	U	5.0	3.7	ug/L			09/27/22 19:49	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			09/27/22 19:49	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			09/27/22 19:49	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			09/27/22 19:49	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			09/27/22 19:49	1
Chloroethane	4.6	U	5.0	4.6	ug/L			09/27/22 19:49	1
Chloroform	0.27	U	1.0	0.27	ug/L			09/27/22 19:49	1
Chloromethane	0.54	U	1.0	0.54	ug/L			09/27/22 19:49	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			09/27/22 19:49	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			09/27/22 19:49	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			09/27/22 19:49	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			09/27/22 19:49	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			09/27/22 19:49	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			09/27/22 19:49	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			09/27/22 19:49	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			09/27/22 19:49	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			09/27/22 19:49	1
cis-1,2-Dichloroethene	0.25	U	1.0	0.25	ug/L			09/27/22 19:49	1
trans-1,2-Dichloroethene	0.34	U	1.0	0.34	ug/L			09/27/22 19:49	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			09/27/22 19:49	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			09/27/22 19:49	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/27/22 19:49	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			09/27/22 19:49	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			09/27/22 19:49	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			09/27/22 19:49	1
2-Hexanone	3.2	U	10	3.2	ug/L			09/27/22 19:49	1
Iodomethane	3.9	U	10	3.9	ug/L			09/27/22 19:49	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			09/27/22 19:49	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			09/27/22 19:49	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			09/27/22 19:49	1
Styrene	0.27	U	1.0	0.27	ug/L			09/27/22 19:49	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			09/27/22 19:49	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			09/27/22 19:49	1

Client: Matrix Environmental Services, LLC
Job ID: 680-221532-1
Project/Site: Parcel 183(6), Training Area T6 (Naylor Field)

Client Sample ID: TB602
Lab Sample ID: 680-221532-9
Date Collected: 09/21/22 13:09
Matrix: Water
Date Received: 09/22/22 11:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			09/27/22 19:49	1
Toluene	0.25	U	1.0	0.25	ug/L			09/27/22 19:49	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			09/27/22 19:49	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			09/27/22 19:49	1
Trichloroethene	0.20	U	1.0	0.20	ug/L			09/27/22 19:49	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			09/27/22 19:49	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			09/27/22 19:49	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			09/27/22 19:49	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			09/27/22 19:49	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			09/27/22 19:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*70 - 130*		*09/27/22 19:49*	*1*
1,2-Dichloroethane-d4 (Surr)	*118*		*60 - 124*		*09/27/22 19:49*	*1*
Dibromofluoromethane (Surr)	*109*		*70 - 130*		*09/27/22 19:49*	*1*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*		*09/27/22 19:49*	*1*

Client Sample ID: CWM-183-MW19
Lab Sample ID: 680-221532-10
Date Collected: 09/20/22 09:05
Matrix: Water
Date Received: 09/22/22 11:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			09/25/22 18:38	1
Acrylonitrile	5.5	U	20	5.5	ug/L			09/25/22 18:38	1
Benzene	0.27	U	1.0	0.27	ug/L			09/25/22 18:38	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			09/25/22 18:38	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			09/25/22 18:38	1
Bromoform	0.59	U	1.0	0.59	ug/L			09/25/22 18:38	1
Bromomethane	3.7	U	5.0	3.7	ug/L			09/25/22 18:38	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			09/25/22 18:38	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			09/25/22 18:38	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			09/25/22 18:38	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			09/25/22 18:38	1
Chloroethane	4.6	U	5.0	4.6	ug/L			09/25/22 18:38	1
Chloroform	0.27	U	1.0	0.27	ug/L			09/25/22 18:38	1
Chloromethane	0.54	U	1.0	0.54	ug/L			09/25/22 18:38	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			09/25/22 18:38	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			09/25/22 18:38	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			09/25/22 18:38	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			09/25/22 18:38	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			09/25/22 18:38	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			09/25/22 18:38	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			09/25/22 18:38	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			09/25/22 18:38	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			09/25/22 18:38	1
cis-1,2-Dichloroethene	0.25	U	1.0	0.25	ug/L			09/25/22 18:38	1
trans-1,2-Dichloroethene	0.34	U	1.0	0.34	ug/L			09/25/22 18:38	1
1,1-Dichloroethene	0.33	U *1	1.0	0.33	ug/L			09/25/22 18:38	1
1,2-Dichloropropane	0.22	U *1	1.0	0.22	ug/L			09/25/22 18:38	1

Client Sample ID: CWM-183-MW19
Lab Sample ID: 680-221532-10

Date Collected: 09/20/22 09:05
Matrix: Water
Date Received: 09/22/22 11:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	0.36	U *1	1.0	0.36	ug/L			09/25/22 18:38	1
cis-1,3-Dichloropropene	0.26	U *1	1.0	0.26	ug/L			09/25/22 18:38	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			09/25/22 18:38	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			09/25/22 18:38	1
2-Hexanone	3.2	U	10	3.2	ug/L			09/25/22 18:38	1
Iodomethane	3.9	U *+	10	3.9	ug/L			09/25/22 18:38	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			09/25/22 18:38	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			09/25/22 18:38	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			09/25/22 18:38	1
Styrene	0.27	U	1.0	0.27	ug/L			09/25/22 18:38	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			09/25/22 18:38	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			09/25/22 18:38	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			09/25/22 18:38	1
Toluene	0.25	U	1.0	0.25	ug/L			09/25/22 18:38	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			09/25/22 18:38	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			09/25/22 18:38	1
Trichloroethene	0.20	U	1.0	0.20	ug/L			09/25/22 18:38	1
Trichlorofluoromethane	0.33	U *+	1.0	0.33	ug/L			09/25/22 18:38	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			09/25/22 18:38	1
Vinyl acetate	0.69	U *1	2.0	0.69	ug/L			09/25/22 18:38	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			09/25/22 18:38	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			09/25/22 18:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*70 - 130*		*09/25/22 18:38*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*60 - 124*		*09/25/22 18:38*	*1*
Dibromofluoromethane (Surr)	*103*		*70 - 130*		*09/25/22 18:38*	*1*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*		*09/25/22 18:38*	*1*

Client Sample ID: CWM-183-MW20
Lab Sample ID: 680-221532-11

Date Collected: 09/20/22 14:46
Matrix: Water
Date Received: 09/22/22 11:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			09/25/22 18:58	1
Acrylonitrile	5.5	U	20	5.5	ug/L			09/25/22 18:58	1
Benzene	0.27	U	1.0	0.27	ug/L			09/25/22 18:58	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			09/25/22 18:58	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			09/25/22 18:58	1
Bromoform	0.59	U	1.0	0.59	ug/L			09/25/22 18:58	1
Bromomethane	3.7	U	5.0	3.7	ug/L			09/25/22 18:58	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			09/25/22 18:58	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			09/25/22 18:58	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			09/25/22 18:58	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			09/25/22 18:58	1
Chloroethane	4.6	U	5.0	4.6	ug/L			09/25/22 18:58	1
Chloroform	0.27	U	1.0	0.27	ug/L			09/25/22 18:58	1
Chloromethane	0.54	U	1.0	0.54	ug/L			09/25/22 18:58	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			09/25/22 18:58	1

Client: Matrix Environmental Services, LLC
Job ID: 680-221532-1
Project/Site: Parcel 183(6), Training Area T6 (Naylor Field)

Client Sample ID: CWM-183-MW20
Lab Sample ID: 680-221532-11
Date Collected: 09/20/22 14:46
Matrix: Water
Date Received: 09/22/22 11:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			09/25/22 18:58	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			09/25/22 18:58	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			09/25/22 18:58	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			09/25/22 18:58	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			09/25/22 18:58	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			09/25/22 18:58	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			09/25/22 18:58	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			09/25/22 18:58	1
cis-1,2-Dichloroethene	**43**		1.0	0.25	ug/L			09/25/22 18:58	1
trans-1,2-Dichloroethene	**0.59**	**J**	1.0	0.34	ug/L			09/25/22 18:58	1
1,1-Dichloroethene	**0.98**	**J *1**	1.0	0.33	ug/L			09/25/22 18:58	1
1,2-Dichloropropane	0.22	U *1	1.0	0.22	ug/L			09/25/22 18:58	1
1,3-Dichloropropane	0.36	U *1	1.0	0.36	ug/L			09/25/22 18:58	1
cis-1,3-Dichloropropene	0.26	U *1	1.0	0.26	ug/L			09/25/22 18:58	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			09/25/22 18:58	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			09/25/22 18:58	1
2-Hexanone	3.2	U	10	3.2	ug/L			09/25/22 18:58	1
Iodomethane	3.9	U *+	10	3.9	ug/L			09/25/22 18:58	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			09/25/22 18:58	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			09/25/22 18:58	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			09/25/22 18:58	1
Styrene	0.27	U	1.0	0.27	ug/L			09/25/22 18:58	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			09/25/22 18:58	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			09/25/22 18:58	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			09/25/22 18:58	1
Toluene	0.25	U	1.0	0.25	ug/L			09/25/22 18:58	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			09/25/22 18:58	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			09/25/22 18:58	1
Trichloroethene	**2.9**		1.0	0.20	ug/L			09/25/22 18:58	1
Trichlorofluoromethane	0.33	U *+	1.0	0.33	ug/L			09/25/22 18:58	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			09/25/22 18:58	1
Vinyl acetate	0.69	U *1	2.0	0.69	ug/L			09/25/22 18:58	1
Vinyl chloride	**29**		1.0	0.40	ug/L			09/25/22 18:58	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			09/25/22 18:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*70 - 130*		*09/25/22 18:58*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*60 - 124*		*09/25/22 18:58*	*1*
Dibromofluoromethane (Surr)	*104*		*70 - 130*		*09/25/22 18:58*	*1*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*		*09/25/22 18:58*	*1*

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	**9.3**		1.1	0.30	ug/L			09/29/22 17:57	1
Ethene	**47**		1.0	0.31	ug/L			09/29/22 17:57	1
Methane (TCD)	**560**		390	59	ug/L			09/29/22 17:57	1

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 183(6), Training Area T6 (Naylor Field)

Job ID: 680-221532-1

Client Sample ID: CWM-183-MW21
Date Collected: 09/20/22 13:35
Date Received: 09/22/22 11:00

Lab Sample ID: 680-221532-12
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			09/27/22 15:47	1
Acrylonitrile	5.5	U	20	5.5	ug/L			09/27/22 15:47	1
Benzene	0.27	U	1.0	0.27	ug/L			09/27/22 15:47	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			09/27/22 15:47	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			09/27/22 15:47	1
Bromoform	0.59	U	1.0	0.59	ug/L			09/27/22 15:47	1
Bromomethane	3.7	U	5.0	3.7	ug/L			09/27/22 15:47	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			09/27/22 15:47	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			09/27/22 15:47	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			09/27/22 15:47	1
Chlorobenzene	**0.88**	**J**	1.0	0.15	ug/L			09/27/22 15:47	1
Chloroethane	4.6	U	5.0	4.6	ug/L			09/27/22 15:47	1
Chloroform	0.27	U	1.0	0.27	ug/L			09/27/22 15:47	1
Chloromethane	0.54	U	1.0	0.54	ug/L			09/27/22 15:47	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			09/27/22 15:47	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			09/27/22 15:47	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			09/27/22 15:47	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			09/27/22 15:47	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			09/27/22 15:47	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			09/27/22 15:47	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			09/27/22 15:47	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			09/27/22 15:47	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			09/27/22 15:47	1
cis-1,2-Dichloroethene	**0.73**	**J**	1.0	0.25	ug/L			09/27/22 15:47	1
trans-1,2-Dichloroethene	0.34	U	1.0	0.34	ug/L			09/27/22 15:47	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			09/27/22 15:47	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			09/27/22 15:47	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/27/22 15:47	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			09/27/22 15:47	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			09/27/22 15:47	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			09/27/22 15:47	1
2-Hexanone	3.2	U	10	3.2	ug/L			09/27/22 15:47	1
Iodomethane	3.9	U	10	3.9	ug/L			09/27/22 15:47	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			09/27/22 15:47	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			09/27/22 15:47	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			09/27/22 15:47	1
Styrene	0.27	U	1.0	0.27	ug/L			09/27/22 15:47	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			09/27/22 15:47	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			09/27/22 15:47	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			09/27/22 15:47	1
Toluene	0.25	U	1.0	0.25	ug/L			09/27/22 15:47	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			09/27/22 15:47	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			09/27/22 15:47	1
Trichloroethene	**1.1**		1.0	0.20	ug/L			09/27/22 15:47	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			09/27/22 15:47	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			09/27/22 15:47	1
Vinyl acetate	0.69	U *-	2.0	0.69	ug/L			09/27/22 15:47	1
Vinyl chloride	**1.3**		1.0	0.40	ug/L			09/27/22 15:47	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			09/27/22 15:47	1

Client Sample ID: CWM-183-MW21
Lab Sample ID: 680-221532-12

Date Collected: 09/20/22 13:35
Matrix: Water
Date Received: 09/22/22 11:00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*70 - 130*		*09/27/22 15:47*	*1*
1,2-Dichloroethane-d4 (Surr)	*86*		*60 - 124*		*09/27/22 15:47*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*09/27/22 15:47*	*1*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*		*09/27/22 15:47*	*1*

Client Sample ID: CWM-183-MW22
Lab Sample ID: 680-221532-13

Date Collected: 09/20/22 12:35
Matrix: Water
Date Received: 09/22/22 11:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			09/27/22 16:10	1
Acrylonitrile	5.5	U	20	5.5	ug/L			09/27/22 16:10	1
Benzene	0.27	U	1.0	0.27	ug/L			09/27/22 16:10	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			09/27/22 16:10	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			09/27/22 16:10	1
Bromoform	0.59	U	1.0	0.59	ug/L			09/27/22 16:10	1
Bromomethane	3.7	U	5.0	3.7	ug/L			09/27/22 16:10	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			09/27/22 16:10	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			09/27/22 16:10	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			09/27/22 16:10	1
Chlorobenzene	**2.0**		1.0	0.15	ug/L			09/27/22 16:10	1
Chloroethane	4.6	U	5.0	4.6	ug/L			09/27/22 16:10	1
Chloroform	0.27	U	1.0	0.27	ug/L			09/27/22 16:10	1
Chloromethane	0.54	U	1.0	0.54	ug/L			09/27/22 16:10	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			09/27/22 16:10	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			09/27/22 16:10	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			09/27/22 16:10	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			09/27/22 16:10	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			09/27/22 16:10	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			09/27/22 16:10	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			09/27/22 16:10	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			09/27/22 16:10	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			09/27/22 16:10	1
cis-1,2-Dichloroethene	**6.2**		1.0	0.25	ug/L			09/27/22 16:10	1
trans-1,2-Dichloroethene	**0.72**	**J**	1.0	0.34	ug/L			09/27/22 16:10	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			09/27/22 16:10	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			09/27/22 16:10	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/27/22 16:10	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			09/27/22 16:10	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			09/27/22 16:10	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			09/27/22 16:10	1
2-Hexanone	3.2	U	10	3.2	ug/L			09/27/22 16:10	1
Iodomethane	3.9	U	10	3.9	ug/L			09/27/22 16:10	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			09/27/22 16:10	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			09/27/22 16:10	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			09/27/22 16:10	1
Styrene	0.27	U	1.0	0.27	ug/L			09/27/22 16:10	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			09/27/22 16:10	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			09/27/22 16:10	1

Client Sample ID: CWM-183-MW22
Lab Sample ID: 680-221532-13

Date Collected: 09/20/22 12:35
Matrix: Water
Date Received: 09/22/22 11:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			09/27/22 16:10	1
Toluene	0.25	U	1.0	0.25	ug/L			09/27/22 16:10	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			09/27/22 16:10	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			09/27/22 16:10	1
Trichloroethene	**0.99**	**J**	1.0	0.20	ug/L			09/27/22 16:10	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			09/27/22 16:10	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			09/27/22 16:10	1
Vinyl acetate	0.69	U *-	2.0	0.69	ug/L			09/27/22 16:10	1
Vinyl chloride	**8.8**		1.0	0.40	ug/L			09/27/22 16:10	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			09/27/22 16:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*70 - 130*		*09/27/22 16:10*	*1*
1,2-Dichloroethane-d4 (Surr)	*87*		*60 - 124*		*09/27/22 16:10*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*09/27/22 16:10*	*1*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*		*09/27/22 16:10*	*1*

Client Sample ID: CWM-183-MW23
Lab Sample ID: 680-221532-14

Date Collected: 09/21/22 10:56
Matrix: Water
Date Received: 09/22/22 11:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			09/27/22 16:34	1
Acrylonitrile	5.5	U	20	5.5	ug/L			09/27/22 16:34	1
Benzene	0.27	U	1.0	0.27	ug/L			09/27/22 16:34	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			09/27/22 16:34	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			09/27/22 16:34	1
Bromoform	0.59	U	1.0	0.59	ug/L			09/27/22 16:34	1
Bromomethane	3.7	U	5.0	3.7	ug/L			09/27/22 16:34	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			09/27/22 16:34	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			09/27/22 16:34	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			09/27/22 16:34	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			09/27/22 16:34	1
Chloroethane	4.6	U	5.0	4.6	ug/L			09/27/22 16:34	1
Chloroform	**1.2**		1.0	0.27	ug/L			09/27/22 16:34	1
Chloromethane	0.54	U	1.0	0.54	ug/L			09/27/22 16:34	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			09/27/22 16:34	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			09/27/22 16:34	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			09/27/22 16:34	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			09/27/22 16:34	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			09/27/22 16:34	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			09/27/22 16:34	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			09/27/22 16:34	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			09/27/22 16:34	1
1,2-Dichloroethane	**0.57**	**J**	1.0	0.25	ug/L			09/27/22 16:34	1
cis-1,2-Dichloroethene	**170**		1.0	0.25	ug/L			09/27/22 16:34	1
trans-1,2-Dichloroethene	**15**		1.0	0.34	ug/L			09/27/22 16:34	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			09/27/22 16:34	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			09/27/22 16:34	1

Client Sample ID: CWM-183-MW23
Lab Sample ID: 680-221532-14
Date Collected: 09/21/22 10:56
Matrix: Water
Date Received: 09/22/22 11:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/27/22 16:34	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			09/27/22 16:34	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			09/27/22 16:34	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			09/27/22 16:34	1
2-Hexanone	3.2	U	10	3.2	ug/L			09/27/22 16:34	1
Iodomethane	3.9	U	10	3.9	ug/L			09/27/22 16:34	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			09/27/22 16:34	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			09/27/22 16:34	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			09/27/22 16:34	1
Styrene	0.27	U	1.0	0.27	ug/L			09/27/22 16:34	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			09/27/22 16:34	1
1,1,2,2-Tetrachloroethane	**9.5**		1.0	0.40	ug/L			09/27/22 16:34	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			09/27/22 16:34	1
Toluene	0.25	U	1.0	0.25	ug/L			09/27/22 16:34	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			09/27/22 16:34	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			09/27/22 16:34	1
Trichloroethene	**1.5**		1.0	0.20	ug/L			09/27/22 16:34	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			09/27/22 16:34	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			09/27/22 16:34	1
Vinyl acetate	0.69	U *-	2.0	0.69	ug/L			09/27/22 16:34	1
Vinyl chloride	**88**		1.0	0.40	ug/L			09/27/22 16:34	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			09/27/22 16:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*70 - 130*		*09/27/22 16:34*	*1*
1,2-Dichloroethane-d4 (Surr)	*86*		*60 - 124*		*09/27/22 16:34*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*09/27/22 16:34*	*1*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*		*09/27/22 16:34*	*1*

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	**17**		1.1	0.30	ug/L			09/29/22 18:10	1
Ethene	**1400**		10	3.1	ug/L			10/04/22 17:07	10
Methane (TCD)	**21000**		390	59	ug/L			09/29/22 18:10	1

Client Sample ID: CWM-183-MW25
Lab Sample ID: 680-221532-15
Date Collected: 09/20/22 10:45
Matrix: Water
Date Received: 09/22/22 11:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			09/27/22 16:57	1
Acrylonitrile	5.5	U	20	5.5	ug/L			09/27/22 16:57	1
Benzene	0.27	U	1.0	0.27	ug/L			09/27/22 16:57	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			09/27/22 16:57	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			09/27/22 16:57	1
Bromoform	0.59	U	1.0	0.59	ug/L			09/27/22 16:57	1
Bromomethane	3.7	U	5.0	3.7	ug/L			09/27/22 16:57	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			09/27/22 16:57	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			09/27/22 16:57	1

Client: Matrix Environmental Services, LLC
Job ID: 680-221532-1
Project/Site: Parcel 183(6), Training Area T6 (Naylor Field)

Client Sample ID: CWM-183-MW25
Lab Sample ID: 680-221532-15
Date Collected: 09/20/22 10:45
Matrix: Water
Date Received: 09/22/22 11:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			09/27/22 16:57	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			09/27/22 16:57	1
Chloroethane	4.6	U	5.0	4.6	ug/L			09/27/22 16:57	1
Chloroform	0.27	U	1.0	0.27	ug/L			09/27/22 16:57	1
Chloromethane	0.54	U	1.0	0.54	ug/L			09/27/22 16:57	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			09/27/22 16:57	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			09/27/22 16:57	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			09/27/22 16:57	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			09/27/22 16:57	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			09/27/22 16:57	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			09/27/22 16:57	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			09/27/22 16:57	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			09/27/22 16:57	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			09/27/22 16:57	1
cis-1,2-Dichloroethene	0.25	U	1.0	0.25	ug/L			09/27/22 16:57	1
trans-1,2-Dichloroethene	0.34	U	1.0	0.34	ug/L			09/27/22 16:57	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			09/27/22 16:57	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			09/27/22 16:57	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/27/22 16:57	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			09/27/22 16:57	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			09/27/22 16:57	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			09/27/22 16:57	1
2-Hexanone	3.2	U	10	3.2	ug/L			09/27/22 16:57	1
Iodomethane	3.9	U	10	3.9	ug/L			09/27/22 16:57	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			09/27/22 16:57	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			09/27/22 16:57	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			09/27/22 16:57	1
Styrene	0.27	U	1.0	0.27	ug/L			09/27/22 16:57	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			09/27/22 16:57	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			09/27/22 16:57	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			09/27/22 16:57	1
Toluene	0.25	U	1.0	0.25	ug/L			09/27/22 16:57	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			09/27/22 16:57	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			09/27/22 16:57	1
Trichloroethene	0.20	U	1.0	0.20	ug/L			09/27/22 16:57	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			09/27/22 16:57	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			09/27/22 16:57	1
Vinyl acetate	0.69	U *-	2.0	0.69	ug/L			09/27/22 16:57	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			09/27/22 16:57	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			09/27/22 16:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*70 - 130*		*09/27/22 16:57*	*1*
1,2-Dichloroethane-d4 (Surr)	*86*		*60 - 124*		*09/27/22 16:57*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*09/27/22 16:57*	*1*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*		*09/27/22 16:57*	*1*

Client: Matrix Environmental Services, LLC
Job ID: 680-221532-1
Project/Site: Parcel 183(6), Training Area T6 (Naylor Field)

Client Sample ID: CWM-183-MW28
Lab Sample ID: 680-221532-16
Date Collected: 09/20/22 10:36
Matrix: Water
Date Received: 09/22/22 11:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			09/27/22 17:44	1
Acrylonitrile	5.5	U	20	5.5	ug/L			09/27/22 17:44	1
Benzene	0.27	U	1.0	0.27	ug/L			09/27/22 17:44	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			09/27/22 17:44	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			09/27/22 17:44	1
Bromoform	0.59	U	1.0	0.59	ug/L			09/27/22 17:44	1
Bromomethane	3.7	U	5.0	3.7	ug/L			09/27/22 17:44	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			09/27/22 17:44	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			09/27/22 17:44	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			09/27/22 17:44	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			09/27/22 17:44	1
Chloroethane	4.6	U	5.0	4.6	ug/L			09/27/22 17:44	1
Chloroform	0.27	U	1.0	0.27	ug/L			09/27/22 17:44	1
Chloromethane	0.54	U	1.0	0.54	ug/L			09/27/22 17:44	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			09/27/22 17:44	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			09/27/22 17:44	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			09/27/22 17:44	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			09/27/22 17:44	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			09/27/22 17:44	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			09/27/22 17:44	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			09/27/22 17:44	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			09/27/22 17:44	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			09/27/22 17:44	1
cis-1,2-Dichloroethene	0.25	U	1.0	0.25	ug/L			09/27/22 17:44	1
trans-1,2-Dichloroethene	0.34	U	1.0	0.34	ug/L			09/27/22 17:44	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			09/27/22 17:44	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			09/27/22 17:44	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/27/22 17:44	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			09/27/22 17:44	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			09/27/22 17:44	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			09/28/22 14:33	1
2-Hexanone	3.2	U	10	3.2	ug/L			09/27/22 17:44	1
Iodomethane	3.9	U	10	3.9	ug/L			09/27/22 17:44	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			09/27/22 17:44	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			09/27/22 17:44	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			09/27/22 17:44	1
Styrene	0.27	U	1.0	0.27	ug/L			09/27/22 17:44	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			09/27/22 17:44	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			09/27/22 17:44	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			09/27/22 17:44	1
Toluene	0.25	U	1.0	0.25	ug/L			09/28/22 14:33	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			09/27/22 17:44	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			09/27/22 17:44	1
Trichloroethene	0.20	U	1.0	0.20	ug/L			09/27/22 17:44	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			09/27/22 17:44	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			09/27/22 17:44	1
Vinyl acetate	0.69	U *-	2.0	0.69	ug/L			09/27/22 17:44	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			09/27/22 17:44	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			09/28/22 14:33	1

Client: Matrix Environmental Services, LLC
Job ID: 680-221532-1
Project/Site: Parcel 183(6), Training Area T6 (Naylor Field)

Client Sample ID: CWM-183-MW28
Lab Sample ID: 680-221532-16
Date Collected: 09/20/22 10:36
Matrix: Water
Date Received: 09/22/22 11:00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*70 - 130*		*09/27/22 17:44*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*09/28/22 14:33*	*1*
1,2-Dichloroethane-d4 (Surr)	*86*		*60 - 124*		*09/27/22 17:44*	*1*
1,2-Dichloroethane-d4 (Surr)	*85*		*60 - 124*		*09/28/22 14:33*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*09/27/22 17:44*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*09/28/22 14:33*	*1*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*		*09/27/22 17:44*	*1*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*		*09/28/22 14:33*	*1*

Client Sample ID: CWM-183-MW31
Lab Sample ID: 680-221532-17
Date Collected: 09/20/22 08:46
Matrix: Water
Date Received: 09/22/22 11:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			09/27/22 18:07	1
Acrylonitrile	5.5	U	20	5.5	ug/L			09/27/22 18:07	1
Benzene	0.27	U	1.0	0.27	ug/L			09/27/22 18:07	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			09/27/22 18:07	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			09/27/22 18:07	1
Bromoform	0.59	U	1.0	0.59	ug/L			09/27/22 18:07	1
Bromomethane	3.7	U	5.0	3.7	ug/L			09/27/22 18:07	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			09/27/22 18:07	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			09/27/22 18:07	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			09/27/22 18:07	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			09/27/22 18:07	1
Chloroethane	4.6	U	5.0	4.6	ug/L			09/27/22 18:07	1
Chloroform	0.27	U	1.0	0.27	ug/L			09/27/22 18:07	1
Chloromethane	0.54	U	1.0	0.54	ug/L			09/27/22 18:07	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			09/27/22 18:07	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			09/27/22 18:07	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			09/27/22 18:07	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			09/27/22 18:07	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			09/27/22 18:07	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			09/27/22 18:07	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			09/27/22 18:07	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			09/27/22 18:07	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			09/27/22 18:07	1
cis-1,2-Dichloroethene	0.25	U	1.0	0.25	ug/L			09/27/22 18:07	1
trans-1,2-Dichloroethene	0.34	U	1.0	0.34	ug/L			09/27/22 18:07	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			09/27/22 18:07	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			09/27/22 18:07	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/27/22 18:07	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			09/27/22 18:07	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			09/27/22 18:07	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			09/27/22 18:07	1
2-Hexanone	3.2	U	10	3.2	ug/L			09/27/22 18:07	1
Iodomethane	3.9	U	10	3.9	ug/L			09/27/22 18:07	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			09/27/22 18:07	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			09/27/22 18:07	1

Client: Matrix Environmental Services, LLC
Job ID: 680-221532-1
Project/Site: Parcel 183(6), Training Area T6 (Naylor Field)

Client Sample ID: CWM-183-MW31
Lab Sample ID: 680-221532-17
Date Collected: 09/20/22 08:46
Matrix: Water
Date Received: 09/22/22 11:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			09/27/22 18:07	1
Styrene	0.27	U	1.0	0.27	ug/L			09/27/22 18:07	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			09/27/22 18:07	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			09/27/22 18:07	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			09/27/22 18:07	1
Toluene	0.25	U	1.0	0.25	ug/L			09/27/22 18:07	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			09/27/22 18:07	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			09/27/22 18:07	1
Trichloroethene	0.20	U	1.0	0.20	ug/L			09/27/22 18:07	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			09/27/22 18:07	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			09/27/22 18:07	1
Vinyl acetate	0.69	U *-	2.0	0.69	ug/L			09/27/22 18:07	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			09/27/22 18:07	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			09/27/22 18:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*70 - 130*		*09/27/22 18:07*	*1*
1,2-Dichloroethane-d4 (Surr)	*87*		*60 - 124*		*09/27/22 18:07*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*09/27/22 18:07*	*1*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*		*09/27/22 18:07*	*1*

Client Sample ID: DUP401
Lab Sample ID: 680-221532-18
Date Collected: 09/20/22 00:00
Matrix: Water
Date Received: 09/22/22 11:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			09/27/22 18:30	1
Acrylonitrile	5.5	U	20	5.5	ug/L			09/27/22 18:30	1
Benzene	0.27	U	1.0	0.27	ug/L			09/27/22 18:30	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			09/27/22 18:30	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			09/27/22 18:30	1
Bromoform	0.59	U	1.0	0.59	ug/L			09/27/22 18:30	1
Bromomethane	3.7	U	5.0	3.7	ug/L			09/27/22 18:30	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			09/27/22 18:30	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			09/27/22 18:30	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			09/27/22 18:30	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			09/27/22 18:30	1
Chloroethane	4.6	U	5.0	4.6	ug/L			09/27/22 18:30	1
Chloroform	0.27	U	1.0	0.27	ug/L			09/27/22 18:30	1
Chloromethane	0.54	U	1.0	0.54	ug/L			09/27/22 18:30	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			09/27/22 18:30	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			09/27/22 18:30	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			09/27/22 18:30	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			09/27/22 18:30	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			09/27/22 18:30	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			09/27/22 18:30	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			09/27/22 18:30	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			09/27/22 18:30	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			09/27/22 18:30	1

Client Sample ID: DUP401
Lab Sample ID: 680-221532-18
Date Collected: 09/20/22 00:00
Matrix: Water
Date Received: 09/22/22 11:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.25	U	1.0	0.25	ug/L			09/27/22 18:30	1
trans-1,2-Dichloroethene	0.34	U	1.0	0.34	ug/L			09/27/22 18:30	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			09/27/22 18:30	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			09/27/22 18:30	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/27/22 18:30	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			09/27/22 18:30	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			09/27/22 18:30	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			09/27/22 18:30	1
2-Hexanone	3.2	U	10	3.2	ug/L			09/27/22 18:30	1
Iodomethane	3.9	U	10	3.9	ug/L			09/27/22 18:30	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			09/27/22 18:30	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			09/27/22 18:30	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			09/27/22 18:30	1
Styrene	0.27	U	1.0	0.27	ug/L			09/27/22 18:30	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			09/27/22 18:30	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			09/27/22 18:30	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			09/27/22 18:30	1
Toluene	0.25	U	1.0	0.25	ug/L			09/27/22 18:30	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			09/27/22 18:30	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			09/27/22 18:30	1
Trichloroethene	0.20	U	1.0	0.20	ug/L			09/27/22 18:30	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			09/27/22 18:30	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			09/27/22 18:30	1
Vinyl acetate	0.69	U *-	2.0	0.69	ug/L			09/27/22 18:30	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			09/27/22 18:30	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			09/27/22 18:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*70 - 130*		*09/27/22 18:30*	*1*
1,2-Dichloroethane-d4 (Surr)	*88*		*60 - 124*		*09/27/22 18:30*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*		*09/27/22 18:30*	*1*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*		*09/27/22 18:30*	*1*

Client Sample ID: DUP402
Lab Sample ID: 680-221532-19
Date Collected: 09/20/22 00:00
Matrix: Water
Date Received: 09/22/22 11:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrylonitrile	5.5	U	20	5.5	ug/L			09/27/22 13:50	1
Benzene	0.27	U	1.0	0.27	ug/L			09/27/22 13:50	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			09/27/22 13:50	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			09/27/22 13:50	1
Bromoform	0.59	U	1.0	0.59	ug/L			09/27/22 13:50	1
Bromomethane	3.7	U	5.0	3.7	ug/L			09/27/22 13:50	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			09/27/22 13:50	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			09/27/22 13:50	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			09/27/22 13:50	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			09/27/22 13:50	1
Chloroethane	4.6	U	5.0	4.6	ug/L			09/27/22 13:50	1

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 183(6), Training Area T6 (Naylor Field)

Job ID: 680-221532-1

Client Sample ID: DUP402
Date Collected: 09/20/22 00:00
Date Received: 09/22/22 11:00

Lab Sample ID: 680-221532-19
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	0.27	U	1.0	0.27	ug/L			09/27/22 13:50	1
Chloromethane	0.54	U	1.0	0.54	ug/L			09/27/22 13:50	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			09/27/22 13:50	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			09/27/22 13:50	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			09/27/22 13:50	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			09/27/22 13:50	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			09/27/22 13:50	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			09/27/22 13:50	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			09/27/22 13:50	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			09/27/22 13:50	1
1,2-Dichloroethane	**0.34**	**J**	1.0	0.25	ug/L			09/27/22 13:50	1
cis-1,2-Dichloroethene	**6.2**		1.0	0.25	ug/L			09/27/22 13:50	1
trans-1,2-Dichloroethene	**4.8**		1.0	0.34	ug/L			09/27/22 13:50	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			09/27/22 13:50	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			09/27/22 13:50	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/27/22 13:50	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			09/27/22 13:50	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			09/27/22 13:50	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			09/27/22 13:50	1
2-Hexanone	3.2	U	10	3.2	ug/L			09/27/22 13:50	1
Iodomethane	3.9	U	10	3.9	ug/L			09/27/22 13:50	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			09/27/22 13:50	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			09/27/22 13:50	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			09/27/22 13:50	1
Styrene	0.27	U	1.0	0.27	ug/L			09/27/22 13:50	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			09/27/22 13:50	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			09/27/22 13:50	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			09/27/22 13:50	1
Toluene	0.25	U	1.0	0.25	ug/L			09/27/22 13:50	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			09/27/22 13:50	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			09/27/22 13:50	1
Trichloroethene	**3.2**		1.0	0.20	ug/L			09/27/22 13:50	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			09/27/22 13:50	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			09/27/22 13:50	1
Vinyl acetate	0.69	U *-	2.0	0.69	ug/L			09/27/22 13:50	1
Vinyl chloride	**6.9**		1.0	0.40	ug/L			09/27/22 13:50	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			09/27/22 13:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*70 - 130*		*09/27/22 13:50*	*1*
1,2-Dichloroethane-d4 (Surr)	*86*		*60 - 124*		*09/27/22 13:50*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*09/27/22 13:50*	*1*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*		*09/27/22 13:50*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			09/25/22 20:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*70 - 130*		*09/25/22 20:41*	*1*

Client: Matrix Environmental Services, LLC
Job ID: 680-221532-1
Project/Site: Parcel 183(6), Training Area T6 (Naylor Field)

Client Sample ID: DUP402
Lab Sample ID: 680-221532-19
Date Collected: 09/20/22 00:00
Matrix: Water
Date Received: 09/22/22 11:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - RA (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		60 - 124		09/25/22 20:41	1
Dibromofluoromethane (Surr)	107		70 - 130		09/25/22 20:41	1
4-Bromofluorobenzene (Surr)	83		70 - 130		09/25/22 20:41	1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 680-742088/9
Matrix: Water
Analysis Batch: 742088

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			09/25/22 13:24	1
Acrylonitrile	5.5	U	20	5.5	ug/L			09/25/22 13:24	1
Benzene	0.27	U	1.0	0.27	ug/L			09/25/22 13:24	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			09/25/22 13:24	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			09/25/22 13:24	1
Bromoform	0.59	U	1.0	0.59	ug/L			09/25/22 13:24	1
Bromomethane	3.7	U	5.0	3.7	ug/L			09/25/22 13:24	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			09/25/22 13:24	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			09/25/22 13:24	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			09/25/22 13:24	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			09/25/22 13:24	1
Chloroethane	4.6	U	5.0	4.6	ug/L			09/25/22 13:24	1
Chloroform	0.27	U	1.0	0.27	ug/L			09/25/22 13:24	1
Chloromethane	0.54	U	1.0	0.54	ug/L			09/25/22 13:24	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			09/25/22 13:24	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			09/25/22 13:24	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			09/25/22 13:24	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			09/25/22 13:24	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			09/25/22 13:24	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			09/25/22 13:24	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			09/25/22 13:24	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			09/25/22 13:24	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			09/25/22 13:24	1
cis-1,2-Dichloroethene	0.25	U	1.0	0.25	ug/L			09/25/22 13:24	1
trans-1,2-Dichloroethene	0.34	U	1.0	0.34	ug/L			09/25/22 13:24	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			09/25/22 13:24	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			09/25/22 13:24	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/25/22 13:24	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			09/25/22 13:24	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			09/25/22 13:24	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			09/25/22 13:24	1
2-Hexanone	3.2	U	10	3.2	ug/L			09/25/22 13:24	1
Iodomethane	3.9	U	10	3.9	ug/L			09/25/22 13:24	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			09/25/22 13:24	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			09/25/22 13:24	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			09/25/22 13:24	1
Styrene	0.27	U	1.0	0.27	ug/L			09/25/22 13:24	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			09/25/22 13:24	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			09/25/22 13:24	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			09/25/22 13:24	1
Toluene	0.25	U	1.0	0.25	ug/L			09/25/22 13:24	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			09/25/22 13:24	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			09/25/22 13:24	1
Trichloroethene	0.20	U	1.0	0.20	ug/L			09/25/22 13:24	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			09/25/22 13:24	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			09/25/22 13:24	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			09/25/22 13:24	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			09/25/22 13:24	1

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

Lab Sample ID: MB 680-742088/9
Matrix: Water
Analysis Batch: 742088

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	0.23	U	1.0	0.23	ug/L			09/25/22 13:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*70 - 130*		*09/25/22 13:24*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*60 - 124*		*09/25/22 13:24*	*1*
Dibromofluoromethane (Surr)	*106*		*70 - 130*		*09/25/22 13:24*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*09/25/22 13:24*	*1*

Lab Sample ID: LCS 680-742088/5
Matrix: Water
Analysis Batch: 742088

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	250	240		ug/L		96	67 - 120
Acrylonitrile	500	472		ug/L		94	70 - 130
Benzene	50.0	57.4		ug/L		115	70 - 130
Bromochloromethane	50.0	61.7		ug/L		123	70 - 130
Bromodichloromethane	50.0	61.1		ug/L		122	70 - 130
Bromoform	50.0	49.2		ug/L		98	69 - 129
Bromomethane	50.0	73.5		ug/L		147	28 - 192
2-Butanone (MEK)	250	226		ug/L		90	69 - 120
Carbon disulfide	50.0	54.9		ug/L		110	70 - 130
Carbon tetrachloride	50.0	57.3		ug/L		115	70 - 130
Chlorobenzene	50.0	53.3		ug/L		107	70 - 130
Chloroethane	50.0	97.8		ug/L		196	31 - 213
Chloroform	50.0	62.8		ug/L		126	70 - 130
Chloromethane	50.0	46.0		ug/L		92	59 - 127
Dibromochloromethane	50.0	58.7		ug/L		117	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	39.1		ug/L		78	70 - 130
1,2-Dibromoethane	50.0	57.6		ug/L		115	70 - 130
Dibromomethane	50.0	58.6		ug/L		117	70 - 130
1,2-Dichlorobenzene	50.0	51.0		ug/L		102	70 - 130
1,4-Dichlorobenzene	50.0	48.9		ug/L		98	70 - 130
trans-1,4-Dichloro-2-butene	50.0	42.2		ug/L		84	67 - 120
1,1-Dichloroethane	50.0	57.8		ug/L		116	70 - 130
1,2-Dichloroethane	50.0	61.9		ug/L		124	70 - 130
cis-1,2-Dichloroethene	50.0	59.7		ug/L		119	70 - 130
trans-1,2-Dichloroethene	50.0	63.8		ug/L		128	70 - 130
1,1-Dichloroethene	50.0	62.3		ug/L		125	70 - 130
1,2-Dichloropropane	50.0	57.4		ug/L		115	70 - 130
1,3-Dichloropropane	50.0	57.3		ug/L		115	70 - 130
cis-1,3-Dichloropropene	50.0	59.9		ug/L		120	70 - 130
trans-1,3-Dichloropropene	50.0	59.0		ug/L		118	70 - 130
Ethylbenzene	50.0	54.2		ug/L		108	70 - 130
2-Hexanone	250	226		ug/L		90	70 - 130
Iodomethane	50.0	66.9	*+	ug/L		134	52 - 129
Methylene Chloride	50.0	56.0		ug/L		112	70 - 130
4-Methyl-2-pentanone (MIBK)	250	232		ug/L		93	68 - 120

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

Lab Sample ID: LCS 680-742088/5
Matrix: Water
Analysis Batch: 742088

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methyl tert-butyl ether	50.0	55.7		ug/L		111	70 - 130
Styrene	50.0	58.7		ug/L		117	70 - 130
1,1,1,2-Tetrachloroethane	50.0	54.9		ug/L		110	70 - 130
1,1,2,2-Tetrachloroethane	50.0	40.8		ug/L		82	70 - 130
Tetrachloroethylene	50.0	60.7		ug/L		121	70 - 130
Toluene	50.0	57.6		ug/L		115	70 - 130
1,1,1-Trichloroethane	50.0	61.9		ug/L		124	70 - 130
1,1,2-Trichloroethane	50.0	58.2		ug/L		116	70 - 130
Trichloroethene	50.0	63.7		ug/L		127	70 - 130
Trichlorofluoromethane	50.0	94.7	*+	ug/L		189	63 - 142
1,2,3-Trichloropropane	50.0	47.9		ug/L		96	70 - 130
Vinyl acetate	100	105		ug/L		105	67 - 135
Vinyl chloride	50.0	44.2		ug/L		88	66 - 129
Xylenes, Total	100	112		ug/L		112	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*111*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*122*		*60 - 124*
Dibromofluoromethane (Surr)	*127*		*70 - 130*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 680-742088/6
Matrix: Water
Analysis Batch: 742088

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	250	198		ug/L		79	67 - 120	19	30
Acrylonitrile	500	377		ug/L		75	70 - 130	22	30
Benzene	50.0	45.8		ug/L		92	70 - 130	23	30
Bromochloromethane	50.0	49.5		ug/L		99	70 - 130	22	30
Bromodichloromethane	50.0	48.9		ug/L		98	70 - 130	22	30
Bromoform	50.0	45.2		ug/L		90	69 - 129	8	30
Bromomethane	50.0	62.7		ug/L		125	28 - 192	16	30
2-Butanone (MEK)	250	181		ug/L		72	69 - 120	22	30
Carbon disulfide	50.0	43.7		ug/L		87	70 - 130	23	30
Carbon tetrachloride	50.0	45.9		ug/L		92	70 - 130	22	30
Chlorobenzene	50.0	48.4		ug/L		97	70 - 130	10	30
Chloroethane	50.0	85.5		ug/L		171	31 - 213	13	30
Chloroform	50.0	50.6		ug/L		101	70 - 130	21	30
Chloromethane	50.0	40.6		ug/L		81	59 - 127	12	30
Dibromochloromethane	50.0	47.1		ug/L		94	70 - 130	22	30
1,2-Dibromo-3-Chloropropane	50.0	36.9		ug/L		74	70 - 130	6	30
1,2-Dibromoethane	50.0	46.4		ug/L		93	70 - 130	22	30
Dibromomethane	50.0	46.6		ug/L		93	70 - 130	23	30
1,2-Dichlorobenzene	50.0	48.3		ug/L		97	70 - 130	5	30
1,4-Dichlorobenzene	50.0	47.0		ug/L		94	70 - 130	4	30
trans-1,4-Dichloro-2-butene	50.0	41.2		ug/L		82	67 - 120	2	30
1,1-Dichloroethane	50.0	46.4		ug/L		93	70 - 130	22	30

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

Lab Sample ID: LCSD 680-742088/6
Matrix: Water
Analysis Batch: 742088

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dichloroethane	50.0	49.2		ug/L		98	70 - 130	23	50
cis-1,2-Dichloroethene	50.0	47.4		ug/L		95	70 - 130	23	30
trans-1,2-Dichloroethene	50.0	51.1		ug/L		102	70 - 130	22	30
1,1-Dichloroethene	50.0	50.2	*1	ug/L		100	70 - 130	22	20
1,2-Dichloropropane	50.0	45.7	*1	ug/L		91	70 - 130	23	20
1,3-Dichloropropane	50.0	46.2	*1	ug/L		92	70 - 130	21	20
cis-1,3-Dichloropropene	50.0	47.4	*1	ug/L		95	70 - 130	23	20
trans-1,3-Dichloropropene	50.0	47.4		ug/L		95	70 - 130	22	30
Ethylbenzene	50.0	49.4		ug/L		99	70 - 130	9	20
2-Hexanone	250	187		ug/L		75	70 - 130	19	20
Iodomethane	50.0	54.5		ug/L		109	52 - 129	20	30
Methylene Chloride	50.0	44.7		ug/L		89	70 - 130	23	30
4-Methyl-2-pentanone (MIBK)	250	186		ug/L		75	68 - 120	22	30
Methyl tert-butyl ether	50.0	44.2		ug/L		88	70 - 130	23	30
Styrene	50.0	52.8		ug/L		106	70 - 130	11	30
1,1,1,2-Tetrachloroethane	50.0	49.2		ug/L		98	70 - 130	11	30
1,1,2,2-Tetrachloroethane	50.0	38.0		ug/L		76	70 - 130	7	30
Tetrachloroethylene	50.0	49.2		ug/L		98	70 - 130	21	30
Toluene	50.0	47.0		ug/L		94	70 - 130	20	30
1,1,1-Trichloroethane	50.0	49.4		ug/L		99	70 - 130	22	30
1,1,2-Trichloroethane	50.0	46.6		ug/L		93	70 - 130	22	30
Trichloroethene	50.0	52.6		ug/L		105	70 - 130	19	30
Trichlorofluoromethane	50.0	95.0	*+	ug/L		190	63 - 142	0	30
1,2,3-Trichloropropane	50.0	43.1		ug/L		86	70 - 130	11	30
Vinyl acetate	100	70.9	*1	ug/L		71	67 - 135	39	30
Vinyl chloride	50.0	41.3		ug/L		83	66 - 129	7	30
Xylenes, Total	100	103		ug/L		103	70 - 130	9	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*101*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*105*		*60 - 124*
Dibromofluoromethane (Surr)	*102*		*70 - 130*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*

Lab Sample ID: MB 680-742093/13
Matrix: Water
Analysis Batch: 742093

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			09/25/22 16:34	1
Acrylonitrile	5.5	U	20	5.5	ug/L			09/25/22 16:34	1
Benzene	0.27	U	1.0	0.27	ug/L			09/25/22 16:34	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			09/25/22 16:34	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			09/25/22 16:34	1
Bromoform	0.59	U	1.0	0.59	ug/L			09/25/22 16:34	1
Bromomethane	3.7	U	5.0	3.7	ug/L			09/25/22 16:34	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			09/25/22 16:34	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			09/25/22 16:34	1

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

Lab Sample ID: MB 680-742093/13
Matrix: Water
Analysis Batch: 742093

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			09/25/22 16:34	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			09/25/22 16:34	1
Chloroethane	4.6	U	5.0	4.6	ug/L			09/25/22 16:34	1
Chloroform	0.27	U	1.0	0.27	ug/L			09/25/22 16:34	1
Chloromethane	0.54	U	1.0	0.54	ug/L			09/25/22 16:34	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			09/25/22 16:34	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			09/25/22 16:34	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			09/25/22 16:34	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			09/25/22 16:34	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			09/25/22 16:34	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			09/25/22 16:34	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			09/25/22 16:34	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			09/25/22 16:34	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			09/25/22 16:34	1
cis-1,2-Dichloroethene	0.25	U	1.0	0.25	ug/L			09/25/22 16:34	1
trans-1,2-Dichloroethene	0.34	U	1.0	0.34	ug/L			09/25/22 16:34	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			09/25/22 16:34	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			09/25/22 16:34	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/25/22 16:34	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			09/25/22 16:34	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			09/25/22 16:34	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			09/25/22 16:34	1
2-Hexanone	3.2	U	10	3.2	ug/L			09/25/22 16:34	1
Iodomethane	3.9	U	10	3.9	ug/L			09/25/22 16:34	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			09/25/22 16:34	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			09/25/22 16:34	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			09/25/22 16:34	1
Styrene	0.27	U	1.0	0.27	ug/L			09/25/22 16:34	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			09/25/22 16:34	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			09/25/22 16:34	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			09/25/22 16:34	1
Toluene	0.25	U	1.0	0.25	ug/L			09/25/22 16:34	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			09/25/22 16:34	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			09/25/22 16:34	1
Trichloroethene	0.20	U	1.0	0.20	ug/L			09/25/22 16:34	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			09/25/22 16:34	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			09/25/22 16:34	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			09/25/22 16:34	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			09/25/22 16:34	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			09/25/22 16:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*70 - 130*		*09/25/22 16:34*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*60 - 124*		*09/25/22 16:34*	*1*
Dibromofluoromethane (Surr)	*106*		*70 - 130*		*09/25/22 16:34*	*1*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*		*09/25/22 16:34*	*1*

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

Lab Sample ID: LCS 680-742093/5
Matrix: Water
Analysis Batch: 742093

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	250	229		ug/L		92	67 - 120
Acrylonitrile	500	450		ug/L		90	70 - 130
Benzene	50.0	44.4		ug/L		89	70 - 130
Bromochloromethane	50.0	45.8		ug/L		92	70 - 130
Bromodichloromethane	50.0	49.6		ug/L		99	70 - 130
Bromoform	50.0	54.0		ug/L		108	69 - 129
Bromomethane	50.0	31.8		ug/L		64	28 - 192
2-Butanone (MEK)	250	224		ug/L		89	69 - 120
Carbon disulfide	50.0	44.1		ug/L		88	70 - 130
Carbon tetrachloride	50.0	51.1		ug/L		102	70 - 130
Chlorobenzene	50.0	58.4		ug/L		117	70 - 130
Chloroethane	50.0	52.6		ug/L		105	31 - 213
Chloroform	50.0	51.0		ug/L		102	70 - 130
Chloromethane	50.0	40.0		ug/L		80	59 - 127
Dibromochloromethane	50.0	50.9		ug/L		102	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	48.9		ug/L		98	70 - 130
1,2-Dibromoethane	50.0	51.0		ug/L		102	70 - 130
Dibromomethane	50.0	50.0		ug/L		100	70 - 130
1,2-Dichlorobenzene	50.0	44.9		ug/L		90	70 - 130
1,4-Dichlorobenzene	50.0	46.2		ug/L		92	70 - 130
trans-1,4-Dichloro-2-butene	50.0	48.5		ug/L		97	67 - 120
1,1-Dichloroethane	50.0	46.8		ug/L		94	70 - 130
1,2-Dichloroethane	50.0	54.4		ug/L		109	70 - 130
cis-1,2-Dichloroethene	50.0	48.7		ug/L		97	70 - 130
trans-1,2-Dichloroethene	50.0	47.9		ug/L		96	70 - 130
1,1-Dichloroethene	50.0	47.9		ug/L		96	70 - 130
1,2-Dichloropropane	50.0	44.0		ug/L		88	70 - 130
1,3-Dichloropropane	50.0	46.6		ug/L		93	70 - 130
cis-1,3-Dichloropropene	50.0	47.9		ug/L		96	70 - 130
trans-1,3-Dichloropropene	50.0	48.9		ug/L		98	70 - 130
Ethylbenzene	50.0	45.0		ug/L		90	70 - 130
2-Hexanone	250	237		ug/L		95	70 - 130
Iodomethane	50.0	44.9		ug/L		90	52 - 129
Methylene Chloride	50.0	46.4		ug/L		93	70 - 130
4-Methyl-2-pentanone (MIBK)	250	225		ug/L		90	68 - 120
Methyl tert-butyl ether	50.0	50.9		ug/L		102	70 - 130
Styrene	50.0	51.4		ug/L		103	70 - 130
1,1,1,2-Tetrachloroethane	50.0	51.8		ug/L		104	70 - 130
1,1,2,2-Tetrachloroethane	50.0	44.4		ug/L		89	70 - 130
Tetrachloroethylene	50.0	52.5		ug/L		105	70 - 130
Toluene	50.0	46.6		ug/L		93	70 - 130
1,1,1-Trichloroethane	50.0	54.4		ug/L		109	70 - 130
1,1,2-Trichloroethane	50.0	46.3		ug/L		93	70 - 130
Trichloroethene	50.0	51.0		ug/L		102	70 - 130
Trichlorofluoromethane	50.0	48.4		ug/L		97	63 - 142
1,2,3-Trichloropropane	50.0	48.5		ug/L		97	70 - 130
Vinyl acetate	100	92.1		ug/L		92	67 - 135
Vinyl chloride	50.0	43.3		ug/L		87	66 - 129

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

Lab Sample ID: LCS 680-742093/5
Matrix: Water
Analysis Batch: 742093

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Xylenes, Total			100	95.6		ug/L		96	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*97*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*107*		*60 - 124*
Dibromofluoromethane (Surr)	*101*		*70 - 130*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*

Lab Sample ID: LCSD 680-742093/6
Matrix: Water
Analysis Batch: 742093

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone			250	224		ug/L		89	67 - 120	3	30
Acrylonitrile			500	479		ug/L		96	70 - 130	6	30
Benzene			50.0	44.9		ug/L		90	70 - 130	1	30
Bromochloromethane			50.0	48.1		ug/L		96	70 - 130	5	30
Bromodichloromethane			50.0	50.9		ug/L		102	70 - 130	3	30
Bromoform			50.0	54.4		ug/L		109	69 - 129	1	30
Bromomethane			50.0	35.1		ug/L		70	28 - 192	10	30
2-Butanone (MEK)			250	232		ug/L		93	69 - 120	4	30
Carbon disulfide			50.0	44.6		ug/L		89	70 - 130	1	30
Carbon tetrachloride			50.0	51.0		ug/L		102	70 - 130	0	30
Chlorobenzene			50.0	57.6		ug/L		115	70 - 130	1	30
Chloroethane			50.0	50.6		ug/L		101	31 - 213	4	30
Chloroform			50.0	51.1		ug/L		102	70 - 130	0	30
Chloromethane			50.0	41.5		ug/L		83	59 - 127	4	30
Dibromochloromethane			50.0	52.9		ug/L		106	70 - 130	4	30
1,2-Dibromo-3-Chloropropane			50.0	47.5		ug/L		95	70 - 130	3	30
1,2-Dibromoethane			50.0	53.0		ug/L		106	70 - 130	4	30
Dibromomethane			50.0	52.1		ug/L		104	70 - 130	4	30
1,2-Dichlorobenzene			50.0	45.4		ug/L		91	70 - 130	1	30
1,4-Dichlorobenzene			50.0	46.2		ug/L		92	70 - 130	0	30
trans-1,4-Dichloro-2-butene			50.0	51.8		ug/L		104	67 - 120	7	30
1,1-Dichloroethane			50.0	47.1		ug/L		94	70 - 130	1	30
1,2-Dichloroethane			50.0	56.5		ug/L		113	70 - 130	4	50
cis-1,2-Dichloroethene			50.0	49.3		ug/L		99	70 - 130	1	30
trans-1,2-Dichloroethene			50.0	47.8		ug/L		96	70 - 130	0	30
1,1-Dichloroethene			50.0	49.6		ug/L		99	70 - 130	4	20
1,2-Dichloropropane			50.0	44.4		ug/L		89	70 - 130	1	20
1,3-Dichloropropane			50.0	48.8		ug/L		98	70 - 130	5	20
cis-1,3-Dichloropropene			50.0	49.3		ug/L		99	70 - 130	3	20
trans-1,3-Dichloropropene			50.0	49.9		ug/L		100	70 - 130	2	30
Ethylbenzene			50.0	44.9		ug/L		90	70 - 130	0	20
2-Hexanone			250	247		ug/L		99	70 - 130	4	20
Iodomethane			50.0	44.2		ug/L		88	52 - 129	2	30
Methylene Chloride			50.0	46.9		ug/L		94	70 - 130	1	30
4-Methyl-2-pentanone (MIBK)			250	237		ug/L		95	68 - 120	5	30

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

Lab Sample ID: LCSD 680-742093/6
Matrix: Water
Analysis Batch: 742093

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methyl tert-butyl ether			50.0	52.3		ug/L		105	70 - 130	3	30
Styrene			50.0	51.5		ug/L		103	70 - 130	0	30
1,1,1,2-Tetrachloroethane			50.0	51.8		ug/L		104	70 - 130	0	30
1,1,2,2-Tetrachloroethane			50.0	46.5		ug/L		93	70 - 130	4	30
Tetrachloroethylene			50.0	50.9		ug/L		102	70 - 130	3	30
Toluene			50.0	47.1		ug/L		94	70 - 130	1	30
1,1,1-Trichloroethane			50.0	54.2		ug/L		108	70 - 130	0	30
1,1,2-Trichloroethane			50.0	48.4		ug/L		97	70 - 130	5	30
Trichloroethene			50.0	51.2		ug/L		102	70 - 130	0	30
Trichlorofluoromethane			50.0	47.4		ug/L		95	63 - 142	2	30
1,2,3-Trichloropropane			50.0	49.9		ug/L		100	70 - 130	3	30
Vinyl acetate			100	102		ug/L		102	67 - 135	11	30
Vinyl chloride			50.0	43.3		ug/L		87	66 - 129	0	30
Xylenes, Total			100	94.7		ug/L		95	70 - 130	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*98*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*110*		*60 - 124*
Dibromofluoromethane (Surr)	*104*		*70 - 130*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*

Lab Sample ID: MB 680-742316/8
Matrix: Water
Analysis Batch: 742316

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			09/27/22 13:03	1
Acrylonitrile	5.5	U	20	5.5	ug/L			09/27/22 13:03	1
Benzene	0.27	U	1.0	0.27	ug/L			09/27/22 13:03	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			09/27/22 13:03	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			09/27/22 13:03	1
Bromoform	0.59	U	1.0	0.59	ug/L			09/27/22 13:03	1
Bromomethane	3.7	U	5.0	3.7	ug/L			09/27/22 13:03	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			09/27/22 13:03	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			09/27/22 13:03	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			09/27/22 13:03	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			09/27/22 13:03	1
Chloroethane	4.6	U	5.0	4.6	ug/L			09/27/22 13:03	1
Chloroform	0.27	U	1.0	0.27	ug/L			09/27/22 13:03	1
Chloromethane	0.54	U	1.0	0.54	ug/L			09/27/22 13:03	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			09/27/22 13:03	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			09/27/22 13:03	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			09/27/22 13:03	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			09/27/22 13:03	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			09/27/22 13:03	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			09/27/22 13:03	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			09/27/22 13:03	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			09/27/22 13:03	1

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

Lab Sample ID: MB 680-742316/8
Matrix: Water
Analysis Batch: 742316

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			09/27/22 13:03	1
cis-1,2-Dichloroethene	0.25	U	1.0	0.25	ug/L			09/27/22 13:03	1
trans-1,2-Dichloroethene	0.34	U	1.0	0.34	ug/L			09/27/22 13:03	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			09/27/22 13:03	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			09/27/22 13:03	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/27/22 13:03	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			09/27/22 13:03	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			09/27/22 13:03	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			09/27/22 13:03	1
2-Hexanone	3.2	U	10	3.2	ug/L			09/27/22 13:03	1
Iodomethane	3.9	U	10	3.9	ug/L			09/27/22 13:03	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			09/27/22 13:03	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			09/27/22 13:03	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			09/27/22 13:03	1
Styrene	0.27	U	1.0	0.27	ug/L			09/27/22 13:03	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			09/27/22 13:03	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			09/27/22 13:03	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			09/27/22 13:03	1
Toluene	0.25	U	1.0	0.25	ug/L			09/27/22 13:03	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			09/27/22 13:03	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			09/27/22 13:03	1
Trichloroethene	0.20	U	1.0	0.20	ug/L			09/27/22 13:03	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			09/27/22 13:03	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			09/27/22 13:03	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			09/27/22 13:03	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			09/27/22 13:03	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			09/27/22 13:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*70 - 130*		*09/27/22 13:03*	*1*
1,2-Dichloroethane-d4 (Surr)	*86*		*60 - 124*		*09/27/22 13:03*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*09/27/22 13:03*	*1*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*		*09/27/22 13:03*	*1*

Lab Sample ID: LCS 680-742316/4
Matrix: Water
Analysis Batch: 742316

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	250	206		ug/L		83	67 - 120
Acrylonitrile	500	425		ug/L		85	70 - 130
Benzene	50.0	46.9		ug/L		94	70 - 130
Bromochloromethane	50.0	39.5		ug/L		79	70 - 130
Bromodichloromethane	50.0	45.4		ug/L		91	70 - 130
Bromoform	50.0	44.8		ug/L		90	69 - 129
Bromomethane	50.0	42.2		ug/L		84	28 - 192
2-Butanone (MEK)	250	209		ug/L		84	69 - 120
Carbon disulfide	50.0	42.9		ug/L		86	70 - 130

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

Lab Sample ID: LCS 680-742316/4
Matrix: Water
Analysis Batch: 742316

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Carbon tetrachloride	50.0	44.0		ug/L		88	70 - 130
Chlorobenzene	50.0	49.3		ug/L		99	70 - 130
Chloroethane	50.0	86.8		ug/L		174	31 - 213
Chloroform	50.0	46.8		ug/L		94	70 - 130
Chloromethane	50.0	41.4		ug/L		83	59 - 127
Dibromochloromethane	50.0	47.5		ug/L		95	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	41.4		ug/L		83	70 - 130
1,2-Dibromoethane	50.0	50.6		ug/L		101	70 - 130
Dibromomethane	50.0	49.8		ug/L		100	70 - 130
1,2-Dichlorobenzene	50.0	49.4		ug/L		99	70 - 130
1,4-Dichlorobenzene	50.0	46.8		ug/L		94	70 - 130
trans-1,4-Dichloro-2-butene	50.0	39.6		ug/L		79	67 - 120
1,1-Dichloroethane	50.0	44.1		ug/L		88	70 - 130
1,2-Dichloroethane	50.0	45.5		ug/L		91	70 - 130
cis-1,2-Dichloroethene	50.0	49.4		ug/L		99	70 - 130
trans-1,2-Dichloroethene	50.0	48.3		ug/L		97	70 - 130
1,1-Dichloroethene	50.0	47.1		ug/L		94	70 - 130
1,2-Dichloropropane	50.0	45.9		ug/L		92	70 - 130
1,3-Dichloropropane	50.0	47.8		ug/L		96	70 - 130
cis-1,3-Dichloropropene	50.0	46.3		ug/L		93	70 - 130
trans-1,3-Dichloropropene	50.0	48.2		ug/L		96	70 - 130
Ethylbenzene	50.0	48.0		ug/L		96	70 - 130
2-Hexanone	250	208		ug/L		83	70 - 130
Iodomethane	50.0	27.7		ug/L		55	52 - 129
Methylene Chloride	50.0	45.6		ug/L		91	70 - 130
4-Methyl-2-pentanone (MIBK)	250	212		ug/L		85	68 - 120
Methyl tert-butyl ether	50.0	47.0		ug/L		94	70 - 130
Styrene	50.0	49.1		ug/L		98	70 - 130
1,1,1,2-Tetrachloroethane	50.0	50.2		ug/L		100	70 - 130
1,1,2,2-Tetrachloroethane	50.0	47.1		ug/L		94	70 - 130
Tetrachloroethylene	50.0	51.0		ug/L		102	70 - 130
Toluene	50.0	48.8		ug/L		98	70 - 130
1,1,1-Trichloroethane	50.0	47.2		ug/L		94	70 - 130
1,1,2-Trichloroethane	50.0	48.6		ug/L		97	70 - 130
Trichloroethene	50.0	51.5		ug/L		103	70 - 130
Trichlorofluoromethane	50.0	49.0		ug/L		98	63 - 142
1,2,3-Trichloropropane	50.0	48.8		ug/L		98	70 - 130
Vinyl acetate	100	65.2	*-	ug/L		65	67 - 135
Vinyl chloride	50.0	44.9		ug/L		90	66 - 129
Xylenes, Total	100	97.0		ug/L		97	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*101*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*94*		*60 - 124*
Dibromofluoromethane (Surr)	*101*		*70 - 130*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*

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

Lab Sample ID: LCSD 680-742316/5
Matrix: Water
Analysis Batch: 742316

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone			250	205		ug/L		82	67 - 120	1	30
Acrylonitrile			500	434		ug/L		87	70 - 130	2	30
Benzene			50.0	46.8		ug/L		94	70 - 130	0	30
Bromochloromethane			50.0	39.0		ug/L		78	70 - 130	1	30
Bromodichloromethane			50.0	46.2		ug/L		92	70 - 130	2	30
Bromoform			50.0	45.3		ug/L		91	69 - 129	1	30
Bromomethane			50.0	43.9		ug/L		88	28 - 192	4	30
2-Butanone (MEK)			250	215		ug/L		86	69 - 120	3	30
Carbon disulfide			50.0	43.1		ug/L		86	70 - 130	0	30
Carbon tetrachloride			50.0	44.7		ug/L		89	70 - 130	2	30
Chlorobenzene			50.0	49.5		ug/L		99	70 - 130	0	30
Chloroethane			50.0	87.4		ug/L		175	31 - 213	1	30
Chloroform			50.0	47.2		ug/L		94	70 - 130	1	30
Chloromethane			50.0	41.5		ug/L		83	59 - 127	0	30
Dibromochloromethane			50.0	48.5		ug/L		97	70 - 130	2	30
1,2-Dibromo-3-Chloropropane			50.0	42.9		ug/L		86	70 - 130	4	30
1,2-Dibromoethane			50.0	51.2		ug/L		102	70 - 130	1	30
Dibromomethane			50.0	49.3		ug/L		99	70 - 130	1	30
1,2-Dichlorobenzene			50.0	49.1		ug/L		98	70 - 130	1	30
1,4-Dichlorobenzene			50.0	47.0		ug/L		94	70 - 130	0	30
trans-1,4-Dichloro-2-butene			50.0	40.3		ug/L		81	67 - 120	2	30
1,1-Dichloroethane			50.0	44.1		ug/L		88	70 - 130	0	30
1,2-Dichloroethane			50.0	45.4		ug/L		91	70 - 130	0	50
cis-1,2-Dichloroethene			50.0	49.5		ug/L		99	70 - 130	0	30
trans-1,2-Dichloroethene			50.0	49.2		ug/L		98	70 - 130	2	30
1,1-Dichloroethene			50.0	47.8		ug/L		96	70 - 130	1	20
1,2-Dichloropropane			50.0	46.1		ug/L		92	70 - 130	0	20
1,3-Dichloropropane			50.0	48.5		ug/L		97	70 - 130	2	20
cis-1,3-Dichloropropene			50.0	46.6		ug/L		93	70 - 130	1	20
trans-1,3-Dichloropropene			50.0	48.2		ug/L		96	70 - 130	0	30
Ethylbenzene			50.0	48.5		ug/L		97	70 - 130	1	20
2-Hexanone			250	210		ug/L		84	70 - 130	1	20
Iodomethane			50.0	28.0		ug/L		56	52 - 129	1	30
Methylene Chloride			50.0	45.6		ug/L		91	70 - 130	0	30
4-Methyl-2-pentanone (MIBK)			250	218		ug/L		87	68 - 120	3	30
Methyl tert-butyl ether			50.0	47.4		ug/L		95	70 - 130	1	30
Styrene			50.0	49.0		ug/L		98	70 - 130	0	30
1,1,1,2-Tetrachloroethane			50.0	49.8		ug/L		100	70 - 130	1	30
1,1,2,2-Tetrachloroethane			50.0	48.3		ug/L		97	70 - 130	3	30
Tetrachloroethylene			50.0	51.3		ug/L		103	70 - 130	1	30
Toluene			50.0	49.0		ug/L		98	70 - 130	0	30
1,1,1-Trichloroethane			50.0	47.8		ug/L		96	70 - 130	1	30
1,1,2-Trichloroethane			50.0	49.1		ug/L		98	70 - 130	1	30
Trichloroethene			50.0	51.3		ug/L		103	70 - 130	0	30
Trichlorofluoromethane			50.0	49.8		ug/L		100	63 - 142	2	30
1,2,3-Trichloropropane			50.0	49.3		ug/L		99	70 - 130	1	30
Vinyl acetate			100	76.7		ug/L		77	67 - 135	16	30
Vinyl chloride			50.0	45.2		ug/L		90	66 - 129	1	30

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

Lab Sample ID: LCSD 680-742316/5
Matrix: Water
Analysis Batch: 742316

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Xylenes, Total			100	97.0		ug/L		97	70 - 130	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*101*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*94*		*60 - 124*
Dibromofluoromethane (Surr)	*101*		*70 - 130*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: MB 680-742328/9
Matrix: Water
Analysis Batch: 742328

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			09/27/22 13:01	1
Acrylonitrile	5.5	U	20	5.5	ug/L			09/27/22 13:01	1
Benzene	0.27	U	1.0	0.27	ug/L			09/27/22 13:01	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			09/27/22 13:01	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			09/27/22 13:01	1
Bromoform	0.59	U	1.0	0.59	ug/L			09/27/22 13:01	1
Bromomethane	3.7	U	5.0	3.7	ug/L			09/27/22 13:01	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			09/27/22 13:01	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			09/27/22 13:01	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			09/27/22 13:01	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			09/27/22 13:01	1
Chloroethane	4.6	U	5.0	4.6	ug/L			09/27/22 13:01	1
Chloroform	0.27	U	1.0	0.27	ug/L			09/27/22 13:01	1
Chloromethane	0.54	U	1.0	0.54	ug/L			09/27/22 13:01	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			09/27/22 13:01	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			09/27/22 13:01	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			09/27/22 13:01	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			09/27/22 13:01	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			09/27/22 13:01	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			09/27/22 13:01	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			09/27/22 13:01	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			09/27/22 13:01	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			09/27/22 13:01	1
cis-1,2-Dichloroethene	0.25	U	1.0	0.25	ug/L			09/27/22 13:01	1
trans-1,2-Dichloroethene	0.34	U	1.0	0.34	ug/L			09/27/22 13:01	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			09/27/22 13:01	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			09/27/22 13:01	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/27/22 13:01	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			09/27/22 13:01	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			09/27/22 13:01	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			09/27/22 13:01	1
2-Hexanone	3.2	U	10	3.2	ug/L			09/27/22 13:01	1
Iodomethane	3.9	U	10	3.9	ug/L			09/27/22 13:01	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			09/27/22 13:01	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			09/27/22 13:01	1

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

Lab Sample ID: MB 680-742328/9
Matrix: Water
Analysis Batch: 742328

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			09/27/22 13:01	1
Styrene	0.27	U	1.0	0.27	ug/L			09/27/22 13:01	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			09/27/22 13:01	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			09/27/22 13:01	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			09/27/22 13:01	1
Toluene	0.25	U	1.0	0.25	ug/L			09/27/22 13:01	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			09/27/22 13:01	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			09/27/22 13:01	1
Trichloroethene	0.20	U	1.0	0.20	ug/L			09/27/22 13:01	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			09/27/22 13:01	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			09/27/22 13:01	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			09/27/22 13:01	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			09/27/22 13:01	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			09/27/22 13:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*105*		*70 - 130*		*09/27/22 13:01*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*60 - 124*		*09/27/22 13:01*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*		*09/27/22 13:01*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*09/27/22 13:01*	*1*

Lab Sample ID: LCS 680-742328/5
Matrix: Water
Analysis Batch: 742328

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	250	198		ug/L		79	67 - 120
Acrylonitrile	500	387		ug/L		77	70 - 130
Benzene	50.0	47.1		ug/L		94	70 - 130
Bromochloromethane	50.0	49.4		ug/L		99	70 - 130
Bromodichloromethane	50.0	47.7		ug/L		95	70 - 130
Bromoform	50.0	42.5		ug/L		85	69 - 129
Bromomethane	50.0	60.7		ug/L		121	28 - 192
2-Butanone (MEK)	250	193		ug/L		77	69 - 120
Carbon disulfide	50.0	45.1		ug/L		90	70 - 130
Carbon tetrachloride	50.0	45.2		ug/L		90	70 - 130
Chlorobenzene	50.0	48.5		ug/L		97	70 - 130
Chloroethane	50.0	72.6		ug/L		145	31 - 213
Chloroform	50.0	49.3		ug/L		99	70 - 130
Chloromethane	50.0	38.9		ug/L		78	59 - 127
Dibromochloromethane	50.0	45.7		ug/L		91	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	37.0		ug/L		74	70 - 130
1,2-Dibromoethane	50.0	46.4		ug/L		93	70 - 130
Dibromomethane	50.0	46.5		ug/L		93	70 - 130
1,2-Dichlorobenzene	50.0	48.4		ug/L		97	70 - 130
1,4-Dichlorobenzene	50.0	46.5		ug/L		93	70 - 130
trans-1,4-Dichloro-2-butene	50.0	38.0		ug/L		76	67 - 120
1,1-Dichloroethane	50.0	45.3		ug/L		91	70 - 130

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

Lab Sample ID: LCS 680-742328/5
Matrix: Water
Analysis Batch: 742328

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichloroethane	50.0	48.7		ug/L		97	70 - 130
cis-1,2-Dichloroethene	50.0	47.0		ug/L		94	70 - 130
trans-1,2-Dichloroethene	50.0	51.1		ug/L		102	70 - 130
1,1-Dichloroethene	50.0	51.3		ug/L		103	70 - 130
1,2-Dichloropropane	50.0	46.0		ug/L		92	70 - 130
1,3-Dichloropropane	50.0	46.0		ug/L		92	70 - 130
cis-1,3-Dichloropropene	50.0	46.4		ug/L		93	70 - 130
trans-1,3-Dichloropropene	50.0	47.4		ug/L		95	70 - 130
Ethylbenzene	50.0	49.4		ug/L		99	70 - 130
2-Hexanone	250	201		ug/L		80	70 - 130
Iodomethane	50.0	48.0		ug/L		96	52 - 129
Methylene Chloride	50.0	44.4		ug/L		89	70 - 130
4-Methyl-2-pentanone (MIBK)	250	200		ug/L		80	68 - 120
Methyl tert-butyl ether	50.0	44.8		ug/L		90	70 - 130
Styrene	50.0	51.1		ug/L		102	70 - 130
1,1,1,2-Tetrachloroethane	50.0	49.8		ug/L		100	70 - 130
1,1,2,2-Tetrachloroethane	50.0	39.8		ug/L		80	70 - 130
Tetrachloroethylene	50.0	50.8		ug/L		102	70 - 130
Toluene	50.0	47.1		ug/L		94	70 - 130
1,1,1-Trichloroethane	50.0	49.4		ug/L		99	70 - 130
1,1,2-Trichloroethane	50.0	47.4		ug/L		95	70 - 130
Trichloroethene	50.0	52.3		ug/L		105	70 - 130
Trichlorofluoromethane	50.0	104	*+	ug/L		209	63 - 142
1,2,3-Trichloropropane	50.0	43.3		ug/L		87	70 - 130
Vinyl acetate	100	77.9		ug/L		78	67 - 135
Vinyl chloride	50.0	48.8		ug/L		98	66 - 129
Xylenes, Total	100	101		ug/L		101	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*101*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*106*		*60 - 124*
Dibromofluoromethane (Surr)	*102*		*70 - 130*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: LCSD 680-742328/6
Matrix: Water
Analysis Batch: 742328

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	250	203		ug/L		81	67 - 120	3	30
Acrylonitrile	500	386		ug/L		77	70 - 130	0	30
Benzene	50.0	46.8		ug/L		94	70 - 130	1	30
Bromochloromethane	50.0	49.4		ug/L		99	70 - 130	0	30
Bromodichloromethane	50.0	47.6		ug/L		95	70 - 130	0	30
Bromoform	50.0	43.7		ug/L		87	69 - 129	3	30
Bromomethane	50.0	62.8		ug/L		126	28 - 192	3	30
2-Butanone (MEK)	250	193		ug/L		77	69 - 120	0	30
Carbon disulfide	50.0	45.4		ug/L		91	70 - 130	1	30

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

Lab Sample ID: LCSD 680-742328/6
Matrix: Water
Analysis Batch: 742328

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Carbon tetrachloride			50.0	46.3		ug/L		93	70 - 130	2	30
Chlorobenzene			50.0	48.9		ug/L		98	70 - 130	1	30
Chloroethane			50.0	73.6		ug/L		147	31 - 213	1	30
Chloroform			50.0	50.3		ug/L		101	70 - 130	2	30
Chloromethane			50.0	39.3		ug/L		79	59 - 127	1	30
Dibromochloromethane			50.0	46.2		ug/L		92	70 - 130	1	30
1,2-Dibromo-3-Chloropropane			50.0	37.1		ug/L		74	70 - 130	0	30
1,2-Dibromoethane			50.0	46.2		ug/L		92	70 - 130	0	30
Dibromomethane			50.0	46.7		ug/L		93	70 - 130	1	30
1,2-Dichlorobenzene			50.0	47.9		ug/L		96	70 - 130	1	30
1,4-Dichlorobenzene			50.0	46.4		ug/L		93	70 - 130	0	30
trans-1,4-Dichloro-2-butene			50.0	40.9		ug/L		82	67 - 120	8	30
1,1-Dichloroethane			50.0	45.2		ug/L		90	70 - 130	0	30
1,2-Dichloroethane			50.0	48.5		ug/L		97	70 - 130	0	50
cis-1,2-Dichloroethene			50.0	47.3		ug/L		95	70 - 130	1	30
trans-1,2-Dichloroethene			50.0	51.4		ug/L		103	70 - 130	1	30
1,1-Dichloroethene			50.0	51.9		ug/L		104	70 - 130	1	20
1,2-Dichloropropane			50.0	46.5		ug/L		93	70 - 130	1	20
1,3-Dichloropropane			50.0	45.6		ug/L		91	70 - 130	1	20
cis-1,3-Dichloropropene			50.0	45.8		ug/L		92	70 - 130	1	20
trans-1,3-Dichloropropene			50.0	46.9		ug/L		94	70 - 130	1	30
Ethylbenzene			50.0	49.9		ug/L		100	70 - 130	1	20
2-Hexanone			250	200		ug/L		80	70 - 130	0	20
Iodomethane			50.0	47.5		ug/L		95	52 - 129	1	30
Methylene Chloride			50.0	44.9		ug/L		90	70 - 130	1	30
4-Methyl-2-pentanone (MIBK)			250	195		ug/L		78	68 - 120	2	30
Methyl tert-butyl ether			50.0	44.6		ug/L		89	70 - 130	0	30
Styrene			50.0	51.8		ug/L		104	70 - 130	1	30
1,1,1,2-Tetrachloroethane			50.0	50.1		ug/L		100	70 - 130	1	30
1,1,2,2-Tetrachloroethane			50.0	38.9		ug/L		78	70 - 130	2	30
Tetrachloroethylene			50.0	50.2		ug/L		100	70 - 130	1	30
Toluene			50.0	47.0		ug/L		94	70 - 130	0	30
1,1,1-Trichloroethane			50.0	49.6		ug/L		99	70 - 130	1	30
1,1,2-Trichloroethane			50.0	46.5		ug/L		93	70 - 130	2	30
Trichloroethene			50.0	52.5		ug/L		105	70 - 130	0	30
Trichlorofluoromethane			50.0	106	*+	ug/L		212	63 - 142	2	30
1,2,3-Trichloropropane			50.0	42.8		ug/L		86	70 - 130	1	30
Vinyl acetate			100	74.2		ug/L		74	67 - 135	5	30
Vinyl chloride			50.0	49.4		ug/L		99	66 - 129	1	30
Xylenes, Total			100	102		ug/L		102	70 - 130	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*103*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*105*		*60 - 124*
Dibromofluoromethane (Surr)	*102*		*70 - 130*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*

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

Lab Sample ID: 680-221532-5 MS
Client Sample ID: CWM-183-MW13
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 742328

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	3.7	U F1 F2	250	150	F1	ug/L		60	67 - 120
Acrylonitrile	5.5	U F1 F2	500	305	F1	ug/L		61	70 - 130
Benzene	0.27	U F1 F2	50.0	37.2		ug/L		74	70 - 130
Bromochloromethane	0.34	U F1 F2	50.0	39.7		ug/L		79	70 - 130
Bromodichloromethane	0.25	U F1 F2	50.0	38.9		ug/L		78	70 - 130
Bromoform	0.59	U F1 F2	50.0	31.5	F1	ug/L		63	69 - 129
Bromomethane	3.7	U F2	50.0	57.3		ug/L		115	28 - 192
2-Butanone (MEK)	6.4	U F1 F2	250	140	F1	ug/L		56	69 - 120
Carbon disulfide	0.43	U F1 F2	50.0	37.3		ug/L		75	70 - 130
Carbon tetrachloride	0.30	U F1 F2	50.0	38.2		ug/L		76	70 - 130
Chlorobenzene	0.15	U F1 F2	50.0	37.6		ug/L		75	70 - 130
Chloroethane	4.6	U F2	50.0	75.0		ug/L		150	31 - 213
Chloroform	0.27	U F1 F2	50.0	40.9		ug/L		82	70 - 130
Chloromethane	0.54	U F1 F2	50.0	24.1	F1	ug/L		48	59 - 127
Dibromochloromethane	0.39	U F1 F2	50.0	35.1		ug/L		70	70 - 130
1,2-Dibromo-3-Chloropropane	1.8	U F1 F2	50.0	27.8	F1	ug/L		56	70 - 130
1,2-Dibromoethane	0.33	U F1 F2	50.0	34.9		ug/L		70	70 - 130
Dibromomethane	0.34	U F1 F2	50.0	36.2		ug/L		72	70 - 130
1,2-Dichlorobenzene	0.31	U F1 F2	50.0	36.0		ug/L		72	70 - 130
1,4-Dichlorobenzene	0.31	U F1 F2	50.0	34.6	F1	ug/L		69	70 - 130
trans-1,4-Dichloro-2-butene	1.3	U F1 F2	50.0	24.3	F1	ug/L		49	67 - 120
1,1-Dichloroethane	0.33	U F1 F2	50.0	38.3		ug/L		77	70 - 130
1,2-Dichloroethane	0.25	U F1	50.0	38.7		ug/L		77	70 - 130
trans-1,2-Dichloroethene	7.8	F1 F2	50.0	56.0		ug/L		96	70 - 130
1,1-Dichloroethene	7.9	F1 F2	50.0	57.4		ug/L		99	70 - 130
1,2-Dichloropropane	0.22	U F1 F2	50.0	36.2		ug/L		72	70 - 130
1,3-Dichloropropane	0.36	U F1 F2	50.0	35.3		ug/L		71	70 - 130
cis-1,3-Dichloropropene	0.26	U F1 F2	50.0	34.9		ug/L		70	70 - 130
trans-1,3-Dichloropropene	0.23	U F1 F2	50.0	33.9	F1	ug/L		68	70 - 130
Ethylbenzene	0.20	U F1 F2	50.0	38.7		ug/L		77	70 - 130
2-Hexanone	3.2	U F1 F2	250	152	F1	ug/L		61	70 - 130
Iodomethane	3.9	U F1	50.0	19.1	F1	ug/L		38	52 - 129
Methylene Chloride	3.2	U F1 F2	50.0	37.0		ug/L		74	70 - 130
4-Methyl-2-pentanone (MIBK)	2.7	U F1 F2	250	154	F1	ug/L		61	68 - 120
Methyl tert-butyl ether	0.81	U F1 F2	50.0	34.6	F1	ug/L		69	70 - 130
Styrene	0.27	U F1 F2	50.0	39.9		ug/L		80	70 - 130
1,1,1,2-Tetrachloroethane	0.36	U F1 F2	50.0	35.6		ug/L		71	70 - 130
1,1,2,2-Tetrachloroethane	0.40	U F1 F2	50.0	31.4	F1	ug/L		63	70 - 130
Tetrachloroethylene	0.35	U F1 F2	50.0	38.6		ug/L		77	70 - 130
Toluene	0.25	U F1 F2	50.0	37.6		ug/L		75	70 - 130
1,1,1-Trichloroethane	0.21	U F1 F2	50.0	41.2		ug/L		82	70 - 130
1,1,2-Trichloroethane	0.32	U F1 F2	50.0	35.6		ug/L		71	70 - 130
Trichlorofluoromethane	0.33	U *+ F1 F2	50.0	59.3		ug/L		119	63 - 142
1,2,3-Trichloropropane	0.48	U F1 F2	50.0	33.3	F1	ug/L		67	70 - 130
Vinyl acetate	0.69	U F1 F2	100	62.0	F1	ug/L		62	67 - 135
Vinyl chloride	88	F1 F2	50.0	167	F1	ug/L		158	66 - 129
Xylenes, Total	0.23	U F1 F2	100	79.4		ug/L		79	70 - 130

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

Lab Sample ID: 680-221532-5 MS
Matrix: Water
Analysis Batch: 742328

Client Sample ID: CWM-183-MW13
Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
Toluene-d8 (Surr)	80		70 - 130
1,2-Dichloroethane-d4 (Surr)	80		60 - 124
Dibromofluoromethane (Surr)	82		70 - 130
4-Bromofluorobenzene (Surr)	76		70 - 130

Lab Sample ID: 680-221532-5 MSD
Matrix: Water
Analysis Batch: 742328

Client Sample ID: CWM-183-MW13
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	3.7	U F1 F2	250	92.6	F2 F1	ug/L		37	67 - 120	47	30
Acrylonitrile	5.5	U F1 F2	500	196	F2 F1	ug/L		39	70 - 130	43	30
Benzene	0.27	U F1 F2	50.0	23.7	F2 F1	ug/L		47	70 - 130	44	30
Bromochloromethane	0.34	U F1 F2	50.0	25.8	F2 F1	ug/L		52	70 - 130	43	30
Bromodichloromethane	0.25	U F1 F2	50.0	23.9	F2 F1	ug/L		48	70 - 130	48	30
Bromoform	0.59	U F1 F2	50.0	20.0	F2 F1	ug/L		40	69 - 129	45	30
Bromomethane	3.7	U F2	50.0	24.2	F2	ug/L		48	28 - 192	81	30
2-Butanone (MEK)	6.4	U F1 F2	250	86.8	F2 F1	ug/L		35	69 - 120	47	30
Carbon disulfide	0.43	U F1 F2	50.0	24.0	F2 F1	ug/L		48	70 - 130	43	30
Carbon tetrachloride	0.30	U F1 F2	50.0	23.9	F2 F1	ug/L		48	70 - 130	46	30
Chlorobenzene	0.15	U F1 F2	50.0	24.0	F2 F1	ug/L		48	70 - 130	44	30
Chloroethane	4.6	U F2	50.0	20.2	F2	ug/L		40	31 - 213	115	30
Chloroform	0.27	U F1 F2	50.0	25.9	F2 F1	ug/L		52	70 - 130	45	30
Chloromethane	0.54	U F1 F2	50.0	7.06	F2 F1	ug/L		14	59 - 127	110	30
Dibromochloromethane	0.39	U F1 F2	50.0	22.1	F2 F1	ug/L		44	70 - 130	46	30
1,2-Dibromo-3-Chloropropane	1.8	U F1 F2	50.0	17.0	F2 F1	ug/L		34	70 - 130	48	30
1,2-Dibromoethane	0.33	U F1 F2	50.0	21.9	F2 F1	ug/L		44	70 - 130	46	30
Dibromomethane	0.34	U F1 F2	50.0	22.9	F2 F1	ug/L		46	70 - 130	45	30
1,2-Dichlorobenzene	0.31	U F1 F2	50.0	23.0	F2 F1	ug/L		46	70 - 130	44	30
1,4-Dichlorobenzene	0.31	U F1 F2	50.0	22.8	F2 F1	ug/L		46	70 - 130	41	30
trans-1,4-Dichloro-2-butene	1.3	U F1 F2	50.0	16.5	F2 F1	ug/L		33	67 - 120	38	30
1,1-Dichloroethane	0.33	U F1 F2	50.0	24.4	F2 F1	ug/L		49	70 - 130	44	30
1,2-Dichloroethane	0.25	U F1	50.0	24.7	F1	ug/L		49	70 - 130	44	50
cis-1,2-Dichloroethene	130	F1 F2	50.0	160	F2 F1	ug/L		62	70 - 130	47	30
trans-1,2-Dichloroethene	7.8	F1 F2	50.0	35.4	F2 F1	ug/L		55	70 - 130	45	30
1,1-Dichloroethene	7.9	F1 F2	50.0	35.8	F2 F1	ug/L		56	70 - 130	46	20
1,2-Dichloropropane	0.22	U F1 F2	50.0	22.5	F2 F1	ug/L		45	70 - 130	46	20
1,3-Dichloropropane	0.36	U F1 F2	50.0	22.1	F2 F1	ug/L		44	70 - 130	46	20
cis-1,3-Dichloropropene	0.26	U F1 F2	50.0	22.2	F2 F1	ug/L		44	70 - 130	44	20
trans-1,3-Dichloropropene	0.23	U F1 F2	50.0	21.3	F2 F1	ug/L		43	70 - 130	46	30
Ethylbenzene	0.20	U F1 F2	50.0	24.6	F2 F1	ug/L		49	70 - 130	45	20
2-Hexanone	3.2	U F1 F2	250	96.1	F2 F1	ug/L		38	70 - 130	45	20
Iodomethane	3.9	U F1	50.0	17.2	F1	ug/L		34	52 - 129	11	30
Methylene Chloride	3.2	U F1 F2	50.0	23.8	F2 F1	ug/L		48	70 - 130	43	30
4-Methyl-2-pentanone (MIBK)	2.7	U F1 F2	250	96.0	F2 F1	ug/L		38	68 - 120	46	30
Methyl tert-butyl ether	0.81	U F1 F2	50.0	21.5	F2 F1	ug/L		43	70 - 130	47	30
Styrene	0.27	U F1 F2	50.0	25.3	F2 F1	ug/L		51	70 - 130	45	30
1,1,1,2-Tetrachloroethane	0.36	U F1 F2	50.0	22.5	F2 F1	ug/L		45	70 - 130	45	30

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

Lab Sample ID: 680-221532-5 MSD
Matrix: Water
Analysis Batch: 742328

Client Sample ID: CWM-183-MW13
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2,2-Tetrachloroethane	0.40	U F1 F2	50.0	19.8	F2 F1	ug/L		40	70 - 130	45	30
Tetrachloroethylene	0.35	U F1 F2	50.0	25.0	F2 F1	ug/L		50	70 - 130	43	30
Toluene	0.25	U F1 F2	50.0	23.8	F2 F1	ug/L		48	70 - 130	45	30
1,1,1-Trichloroethane	0.21	U F1 F2	50.0	25.6	F2 F1	ug/L		51	70 - 130	47	30
1,1,2-Trichloroethane	0.32	U F1 F2	50.0	22.6	F2 F1	ug/L		45	70 - 130	45	30
Trichlorofluoromethane	0.33	U *+ F1 F2	50.0	15.6	F2 F1	ug/L		31	63 - 142	117	30
1,2,3-Trichloropropane	0.48	U F1 F2	50.0	20.4	F2 F1	ug/L		41	70 - 130	48	30
Vinyl acetate	0.69	U F1 F2	100	39.5	F2 F1	ug/L		39	67 - 135	44	30
Vinyl chloride	88	F1 F2	50.0	111	F2 F1	ug/L		45	66 - 129	41	30
Xylenes, Total	0.23	U F1 F2	100	49.6	F2 F1	ug/L		50	70 - 130	46	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*51*	*S1-*	*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*53*	*S1-*	*60 - 124*
Dibromofluoromethane (Surr)	*51*	*S1-*	*70 - 130*
4-Bromofluorobenzene (Surr)	*48*	*S1-*	*70 - 130*

Lab Sample ID: MB 680-742453/9
Matrix: Water
Analysis Batch: 742453

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			09/27/22 19:11	1
Acrylonitrile	5.5	U	20	5.5	ug/L			09/27/22 19:11	1
Benzene	0.27	U	1.0	0.27	ug/L			09/27/22 19:11	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			09/27/22 19:11	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			09/27/22 19:11	1
Bromoform	0.59	U	1.0	0.59	ug/L			09/27/22 19:11	1
Bromomethane	3.7	U	5.0	3.7	ug/L			09/27/22 19:11	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			09/27/22 19:11	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			09/27/22 19:11	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			09/27/22 19:11	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			09/27/22 19:11	1
Chloroethane	4.6	U	5.0	4.6	ug/L			09/27/22 19:11	1
Chloroform	0.27	U	1.0	0.27	ug/L			09/27/22 19:11	1
Chloromethane	0.54	U	1.0	0.54	ug/L			09/27/22 19:11	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			09/27/22 19:11	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			09/27/22 19:11	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			09/27/22 19:11	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			09/27/22 19:11	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			09/27/22 19:11	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			09/27/22 19:11	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			09/27/22 19:11	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			09/27/22 19:11	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			09/27/22 19:11	1
cis-1,2-Dichloroethene	0.25	U	1.0	0.25	ug/L			09/27/22 19:11	1
trans-1,2-Dichloroethene	0.34	U	1.0	0.34	ug/L			09/27/22 19:11	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			09/27/22 19:11	1

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

Lab Sample ID: MB 680-742453/9
Matrix: Water
Analysis Batch: 742453

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			09/27/22 19:11	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/27/22 19:11	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			09/27/22 19:11	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			09/27/22 19:11	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			09/27/22 19:11	1
2-Hexanone	3.2	U	10	3.2	ug/L			09/27/22 19:11	1
Iodomethane	3.9	U	10	3.9	ug/L			09/27/22 19:11	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			09/27/22 19:11	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			09/27/22 19:11	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			09/27/22 19:11	1
Styrene	0.27	U	1.0	0.27	ug/L			09/27/22 19:11	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			09/27/22 19:11	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			09/27/22 19:11	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			09/27/22 19:11	1
Toluene	0.25	U	1.0	0.25	ug/L			09/27/22 19:11	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			09/27/22 19:11	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			09/27/22 19:11	1
Trichloroethene	0.20	U	1.0	0.20	ug/L			09/27/22 19:11	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			09/27/22 19:11	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			09/27/22 19:11	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			09/27/22 19:11	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			09/27/22 19:11	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			09/27/22 19:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*70 - 130*		*09/27/22 19:11*	*1*
1,2-Dichloroethane-d4 (Surr)	*120*		*60 - 124*		*09/27/22 19:11*	*1*
Dibromofluoromethane (Surr)	*112*		*70 - 130*		*09/27/22 19:11*	*1*
4-Bromofluorobenzene (Surr)	*80*		*70 - 130*		*09/27/22 19:11*	*1*

Lab Sample ID: LCS 680-742453/5
Matrix: Water
Analysis Batch: 742453

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	250	217		ug/L		87	67 - 120
Acrylonitrile	500	444		ug/L		89	70 - 130
Benzene	50.0	42.3		ug/L		85	70 - 130
Bromochloromethane	50.0	41.5		ug/L		83	70 - 130
Bromodichloromethane	50.0	52.5		ug/L		105	70 - 130
Bromoform	50.0	56.7		ug/L		113	69 - 129
Bromomethane	50.0	43.5		ug/L		87	28 - 192
2-Butanone (MEK)	250	235		ug/L		94	69 - 120
Carbon disulfide	50.0	41.4		ug/L		83	70 - 130
Carbon tetrachloride	50.0	55.8		ug/L		112	70 - 130
Chlorobenzene	50.0	56.7		ug/L		113	70 - 130
Chloroethane	50.0	50.9		ug/L		102	31 - 213
Chloroform	50.0	51.9		ug/L		104	70 - 130

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

Lab Sample ID: LCS 680-742453/5
Matrix: Water
Analysis Batch: 742453

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloromethane	50.0	37.0		ug/L		74	59 - 127
Dibromochloromethane	50.0	52.4		ug/L		105	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	49.1		ug/L		98	70 - 130
1,2-Dibromoethane	50.0	54.0		ug/L		108	70 - 130
Dibromomethane	50.0	52.0		ug/L		104	70 - 130
1,2-Dichlorobenzene	50.0	46.1		ug/L		92	70 - 130
1,4-Dichlorobenzene	50.0	46.7		ug/L		93	70 - 130
trans-1,4-Dichloro-2-butene	50.0	55.5		ug/L		111	67 - 120
1,1-Dichloroethane	50.0	43.5		ug/L		87	70 - 130
1,2-Dichloroethane	50.0	57.0		ug/L		114	70 - 130
cis-1,2-Dichloroethene	50.0	45.8		ug/L		92	70 - 130
trans-1,2-Dichloroethene	50.0	44.3		ug/L		89	70 - 130
1,1-Dichloroethene	50.0	47.2		ug/L		94	70 - 130
1,2-Dichloropropane	50.0	42.3		ug/L		85	70 - 130
1,3-Dichloropropane	50.0	46.7		ug/L		93	70 - 130
cis-1,3-Dichloropropene	50.0	47.7		ug/L		95	70 - 130
trans-1,3-Dichloropropene	50.0	50.8		ug/L		102	70 - 130
Ethylbenzene	50.0	44.5		ug/L		89	70 - 130
2-Hexanone	250	259		ug/L		103	70 - 130
Iodomethane	50.0	37.8		ug/L		76	52 - 129
Methylene Chloride	50.0	44.2		ug/L		88	70 - 130
4-Methyl-2-pentanone (MIBK)	250	236		ug/L		94	68 - 120
Methyl tert-butyl ether	50.0	50.9		ug/L		102	70 - 130
Styrene	50.0	49.7		ug/L		99	70 - 130
1,1,1,2-Tetrachloroethane	50.0	53.6		ug/L		107	70 - 130
1,1,2,2-Tetrachloroethane	50.0	46.1		ug/L		92	70 - 130
Tetrachloroethylene	50.0	55.4		ug/L		111	70 - 130
Toluene	50.0	46.7		ug/L		93	70 - 130
1,1,1-Trichloroethane	50.0	56.4		ug/L		113	70 - 130
1,1,2-Trichloroethane	50.0	47.5		ug/L		95	70 - 130
Trichloroethene	50.0	53.1		ug/L		106	70 - 130
Trichlorofluoromethane	50.0	64.5		ug/L		129	63 - 142
1,2,3-Trichloropropane	50.0	51.9		ug/L		104	70 - 130
Vinyl acetate	100	91.6		ug/L		92	67 - 135
Vinyl chloride	50.0	52.0		ug/L		104	66 - 129
Xylenes, Total	100	94.8		ug/L		95	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*95*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*115*		*60 - 124*
Dibromofluoromethane (Surr)	*100*		*70 - 130*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*

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

Lab Sample ID: LCSD 680-742453/6
Matrix: Water
Analysis Batch: 742453

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone			250	214		ug/L		86	67 - 120	1	30
Acrylonitrile			500	431		ug/L		86	70 - 130	3	30
Benzene			50.0	43.1		ug/L		86	70 - 130	2	30
Bromochloromethane			50.0	40.2		ug/L		80	70 - 130	3	30
Bromodichloromethane			50.0	53.0		ug/L		106	70 - 130	1	30
Bromoform			50.0	57.0		ug/L		114	69 - 129	1	30
Bromomethane			50.0	40.9		ug/L		82	28 - 192	6	30
2-Butanone (MEK)			250	232		ug/L		93	69 - 120	1	30
Carbon disulfide			50.0	40.7		ug/L		81	70 - 130	2	30
Carbon tetrachloride			50.0	56.9		ug/L		114	70 - 130	2	30
Chlorobenzene			50.0	59.2		ug/L		118	70 - 130	4	30
Chloroethane			50.0	52.3		ug/L		105	31 - 213	3	30
Chloroform			50.0	50.9		ug/L		102	70 - 130	2	30
Chloromethane			50.0	41.2		ug/L		82	59 - 127	11	30
Dibromochloromethane			50.0	52.8		ug/L		106	70 - 130	1	30
1,2-Dibromo-3-Chloropropane			50.0	48.6		ug/L		97	70 - 130	1	30
1,2-Dibromoethane			50.0	53.3		ug/L		107	70 - 130	1	30
Dibromomethane			50.0	50.9		ug/L		102	70 - 130	2	30
1,2-Dichlorobenzene			50.0	48.0		ug/L		96	70 - 130	4	30
1,4-Dichlorobenzene			50.0	48.1		ug/L		96	70 - 130	3	30
trans-1,4-Dichloro-2-butene			50.0	52.0		ug/L		104	67 - 120	7	30
1,1-Dichloroethane			50.0	44.6		ug/L		89	70 - 130	2	30
1,2-Dichloroethane			50.0	56.8		ug/L		114	70 - 130	0	50
cis-1,2-Dichloroethene			50.0	47.7		ug/L		95	70 - 130	4	30
trans-1,2-Dichloroethene			50.0	45.0		ug/L		90	70 - 130	1	30
1,1-Dichloroethene			50.0	47.4		ug/L		95	70 - 130	0	20
1,2-Dichloropropane			50.0	43.0		ug/L		86	70 - 130	2	20
1,3-Dichloropropane			50.0	47.2		ug/L		94	70 - 130	1	20
cis-1,3-Dichloropropene			50.0	48.4		ug/L		97	70 - 130	2	20
trans-1,3-Dichloropropene			50.0	51.2		ug/L		102	70 - 130	1	30
Ethylbenzene			50.0	46.1		ug/L		92	70 - 130	4	20
2-Hexanone			250	253		ug/L		101	70 - 130	2	20
Iodomethane			50.0	40.8		ug/L		82	52 - 129	8	30
Methylene Chloride			50.0	44.6		ug/L		89	70 - 130	1	30
4-Methyl-2-pentanone (MIBK)			250	235		ug/L		94	68 - 120	1	30
Methyl tert-butyl ether			50.0	50.3		ug/L		101	70 - 130	1	30
Styrene			50.0	51.7		ug/L		103	70 - 130	4	30
1,1,1,2-Tetrachloroethane			50.0	53.1		ug/L		106	70 - 130	1	30
1,1,2,2-Tetrachloroethane			50.0	47.0		ug/L		94	70 - 130	2	30
Tetrachloroethylene			50.0	55.1		ug/L		110	70 - 130	1	30
Toluene			50.0	47.2		ug/L		94	70 - 130	1	30
1,1,1-Trichloroethane			50.0	56.3		ug/L		113	70 - 130	0	30
1,1,2-Trichloroethane			50.0	47.4		ug/L		95	70 - 130	0	30
Trichloroethene			50.0	53.5		ug/L		107	70 - 130	1	30
Trichlorofluoromethane			50.0	65.0		ug/L		130	63 - 142	1	30
1,2,3-Trichloropropane			50.0	49.7		ug/L		99	70 - 130	4	30
Vinyl acetate			100	89.3		ug/L		89	67 - 135	3	30
Vinyl chloride			50.0	53.6		ug/L		107	66 - 129	3	30

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

Lab Sample ID: LCSD 680-742453/6
Matrix: Water
Analysis Batch: 742453

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Xylenes, Total			100	98.4		ug/L		98	70 - 130	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*97*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*114*		*60 - 124*
Dibromofluoromethane (Surr)	*102*		*70 - 130*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*

Lab Sample ID: MB 680-742523/8
Matrix: Water
Analysis Batch: 742523

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			09/28/22 13:46	1
Acrylonitrile	5.5	U	20	5.5	ug/L			09/28/22 13:46	1
Benzene	0.27	U	1.0	0.27	ug/L			09/28/22 13:46	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			09/28/22 13:46	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			09/28/22 13:46	1
Bromoform	0.59	U	1.0	0.59	ug/L			09/28/22 13:46	1
Bromomethane	3.7	U	5.0	3.7	ug/L			09/28/22 13:46	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			09/28/22 13:46	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			09/28/22 13:46	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			09/28/22 13:46	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			09/28/22 13:46	1
Chloroethane	4.6	U	5.0	4.6	ug/L			09/28/22 13:46	1
Chloroform	0.27	U	1.0	0.27	ug/L			09/28/22 13:46	1
Chloromethane	0.54	U	1.0	0.54	ug/L			09/28/22 13:46	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			09/28/22 13:46	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			09/28/22 13:46	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			09/28/22 13:46	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			09/28/22 13:46	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			09/28/22 13:46	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			09/28/22 13:46	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			09/28/22 13:46	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			09/28/22 13:46	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			09/28/22 13:46	1
cis-1,2-Dichloroethene	0.25	U	1.0	0.25	ug/L			09/28/22 13:46	1
trans-1,2-Dichloroethene	0.34	U	1.0	0.34	ug/L			09/28/22 13:46	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			09/28/22 13:46	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			09/28/22 13:46	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/28/22 13:46	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			09/28/22 13:46	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			09/28/22 13:46	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			09/28/22 13:46	1
2-Hexanone	3.2	U	10	3.2	ug/L			09/28/22 13:46	1
Iodomethane	3.9	U	10	3.9	ug/L			09/28/22 13:46	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			09/28/22 13:46	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			09/28/22 13:46	1

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

Lab Sample ID: MB 680-742523/8
Matrix: Water
Analysis Batch: 742523

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			09/28/22 13:46	1
Styrene	0.27	U	1.0	0.27	ug/L			09/28/22 13:46	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			09/28/22 13:46	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			09/28/22 13:46	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			09/28/22 13:46	1
Toluene	0.25	U	1.0	0.25	ug/L			09/28/22 13:46	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			09/28/22 13:46	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			09/28/22 13:46	1
Trichloroethene	0.20	U	1.0	0.20	ug/L			09/28/22 13:46	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			09/28/22 13:46	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			09/28/22 13:46	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			09/28/22 13:46	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			09/28/22 13:46	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			09/28/22 13:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*70 - 130*		*09/28/22 13:46*	*1*
1,2-Dichloroethane-d4 (Surr)	*84*		*60 - 124*		*09/28/22 13:46*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*09/28/22 13:46*	*1*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*		*09/28/22 13:46*	*1*

Lab Sample ID: LCS 680-742523/4
Matrix: Water
Analysis Batch: 742523

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	250	193		ug/L		77	67 - 120
Acrylonitrile	500	421		ug/L		84	70 - 130
Benzene	50.0	48.1		ug/L		96	70 - 130
Bromochloromethane	50.0	40.1		ug/L		80	70 - 130
Bromodichloromethane	50.0	45.9		ug/L		92	70 - 130
Bromoform	50.0	42.9		ug/L		86	69 - 129
Bromomethane	50.0	43.7		ug/L		87	28 - 192
2-Butanone (MEK)	250	200		ug/L		80	69 - 120
Carbon disulfide	50.0	46.6		ug/L		93	70 - 130
Carbon tetrachloride	50.0	45.5		ug/L		91	70 - 130
Chlorobenzene	50.0	49.1		ug/L		98	70 - 130
Chloroethane	50.0	87.4		ug/L		175	31 - 213
Chloroform	50.0	48.3		ug/L		97	70 - 130
Chloromethane	50.0	42.2		ug/L		84	59 - 127
Dibromochloromethane	50.0	47.2		ug/L		94	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	40.4		ug/L		81	70 - 130
1,2-Dibromoethane	50.0	49.9		ug/L		100	70 - 130
Dibromomethane	50.0	48.7		ug/L		97	70 - 130
1,2-Dichlorobenzene	50.0	48.8		ug/L		98	70 - 130
1,4-Dichlorobenzene	50.0	47.4		ug/L		95	70 - 130
trans-1,4-Dichloro-2-butene	50.0	37.9		ug/L		76	67 - 120
1,1-Dichloroethane	50.0	45.5		ug/L		91	70 - 130

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

Lab Sample ID: LCS 680-742523/4
Matrix: Water
Analysis Batch: 742523

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichloroethane	50.0	45.3		ug/L		91	70 - 130
cis-1,2-Dichloroethene	50.0	50.9		ug/L		102	70 - 130
trans-1,2-Dichloroethene	50.0	50.3		ug/L		101	70 - 130
1,1-Dichloroethene	50.0	49.9		ug/L		100	70 - 130
1,2-Dichloropropane	50.0	46.8		ug/L		94	70 - 130
1,3-Dichloropropane	50.0	47.2		ug/L		94	70 - 130
cis-1,3-Dichloropropene	50.0	46.8		ug/L		94	70 - 130
trans-1,3-Dichloropropene	50.0	47.6		ug/L		95	70 - 130
Ethylbenzene	50.0	48.2		ug/L		96	70 - 130
2-Hexanone	250	193		ug/L		77	70 - 130
Iodomethane	50.0	32.7		ug/L		65	52 - 129
Methylene Chloride	50.0	46.9		ug/L		94	70 - 130
4-Methyl-2-pentanone (MIBK)	250	202		ug/L		81	68 - 120
Methyl tert-butyl ether	50.0	46.9		ug/L		94	70 - 130
Styrene	50.0	48.8		ug/L		98	70 - 130
1,1,1,2-Tetrachloroethane	50.0	49.8		ug/L		100	70 - 130
1,1,2,2-Tetrachloroethane	50.0	46.1		ug/L		92	70 - 130
Tetrachloroethylene	50.0	52.4		ug/L		105	70 - 130
Toluene	50.0	49.9		ug/L		100	70 - 130
1,1,1-Trichloroethane	50.0	48.9		ug/L		98	70 - 130
1,1,2-Trichloroethane	50.0	46.7		ug/L		93	70 - 130
Trichloroethene	50.0	51.5		ug/L		103	70 - 130
Trichlorofluoromethane	50.0	49.9		ug/L		100	63 - 142
1,2,3-Trichloropropane	50.0	46.2		ug/L		92	70 - 130
Vinyl acetate	100	79.9		ug/L		80	67 - 135
Vinyl chloride	50.0	46.4		ug/L		93	66 - 129
Xylenes, Total	100	96.1		ug/L		96	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*102*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*94*		*60 - 124*
Dibromofluoromethane (Surr)	*103*		*70 - 130*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*

Lab Sample ID: LCSD 680-742523/5
Matrix: Water
Analysis Batch: 742523

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	250	187		ug/L		75	67 - 120	3	30
Acrylonitrile	500	412		ug/L		82	70 - 130	2	30
Benzene	50.0	47.8		ug/L		96	70 - 130	1	30
Bromochloromethane	50.0	39.2		ug/L		78	70 - 130	2	30
Bromodichloromethane	50.0	45.8		ug/L		92	70 - 130	0	30
Bromoform	50.0	43.1		ug/L		86	69 - 129	0	30
Bromomethane	50.0	44.9		ug/L		90	28 - 192	3	30
2-Butanone (MEK)	250	197		ug/L		79	69 - 120	1	30
Carbon disulfide	50.0	46.0		ug/L		92	70 - 130	1	30

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

Lab Sample ID: LCSD 680-742523/5
Matrix: Water
Analysis Batch: 742523

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Carbon tetrachloride			50.0	45.9		ug/L		92	70 - 130	1	30
Chlorobenzene			50.0	48.5		ug/L		97	70 - 130	1	30
Chloroethane			50.0	87.7		ug/L		175	31 - 213	0	30
Chloroform			50.0	47.2		ug/L		94	70 - 130	2	30
Chloromethane			50.0	42.0		ug/L		84	59 - 127	1	30
Dibromochloromethane			50.0	46.8		ug/L		94	70 - 130	1	30
1,2-Dibromo-3-Chloropropane			50.0	39.3		ug/L		79	70 - 130	3	30
1,2-Dibromoethane			50.0	49.8		ug/L		100	70 - 130	0	30
Dibromomethane			50.0	49.1		ug/L		98	70 - 130	1	30
1,2-Dichlorobenzene			50.0	48.5		ug/L		97	70 - 130	1	30
1,4-Dichlorobenzene			50.0	47.3		ug/L		95	70 - 130	0	30
trans-1,4-Dichloro-2-butene			50.0	37.2		ug/L		74	67 - 120	2	30
1,1-Dichloroethane			50.0	45.2		ug/L		90	70 - 130	1	30
1,2-Dichloroethane			50.0	44.9		ug/L		90	70 - 130	1	50
cis-1,2-Dichloroethene			50.0	50.8		ug/L		102	70 - 130	0	30
trans-1,2-Dichloroethene			50.0	50.6		ug/L		101	70 - 130	1	30
1,1-Dichloroethene			50.0	50.2		ug/L		100	70 - 130	1	20
1,2-Dichloropropane			50.0	46.1		ug/L		92	70 - 130	2	20
1,3-Dichloropropane			50.0	47.2		ug/L		94	70 - 130	0	20
cis-1,3-Dichloropropene			50.0	45.9		ug/L		92	70 - 130	2	20
trans-1,3-Dichloropropene			50.0	47.3		ug/L		95	70 - 130	1	30
Ethylbenzene			50.0	48.1		ug/L		96	70 - 130	0	20
2-Hexanone			250	189		ug/L		75	70 - 130	2	20
Iodomethane			50.0	32.3		ug/L		65	52 - 129	1	30
Methylene Chloride			50.0	46.5		ug/L		93	70 - 130	1	30
4-Methyl-2-pentanone (MIBK)			250	197		ug/L		79	68 - 120	3	30
Methyl tert-butyl ether			50.0	46.9		ug/L		94	70 - 130	0	30
Styrene			50.0	49.3		ug/L		99	70 - 130	1	30
1,1,1,2-Tetrachloroethane			50.0	49.6		ug/L		99	70 - 130	0	30
1,1,2,2-Tetrachloroethane			50.0	45.7		ug/L		91	70 - 130	1	30
Tetrachloroethylene			50.0	51.7		ug/L		103	70 - 130	1	30
Toluene			50.0	49.0		ug/L		98	70 - 130	2	30
1,1,1-Trichloroethane			50.0	48.9		ug/L		98	70 - 130	0	30
1,1,2-Trichloroethane			50.0	47.4		ug/L		95	70 - 130	1	30
Trichloroethene			50.0	51.6		ug/L		103	70 - 130	0	30
Trichlorofluoromethane			50.0	50.1		ug/L		100	63 - 142	0	30
1,2,3-Trichloropropane			50.0	46.1		ug/L		92	70 - 130	0	30
Vinyl acetate			100	80.0		ug/L		80	67 - 135	0	30
Vinyl chloride			50.0	45.8		ug/L		92	66 - 129	1	30
Xylenes, Total			100	97.3		ug/L		97	70 - 130	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*101*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*93*		*60 - 124*
Dibromofluoromethane (Surr)	*102*		*70 - 130*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*

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

Lab Sample ID: MB 680-742750/9
Matrix: Water
Analysis Batch: 742750

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			09/29/22 13:23	1
Acrylonitrile	5.5	U	20	5.5	ug/L			09/29/22 13:23	1
Benzene	0.27	U	1.0	0.27	ug/L			09/29/22 13:23	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			09/29/22 13:23	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			09/29/22 13:23	1
Bromoform	0.59	U	1.0	0.59	ug/L			09/29/22 13:23	1
Bromomethane	3.7	U	5.0	3.7	ug/L			09/29/22 13:23	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			09/29/22 13:23	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			09/29/22 13:23	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			09/29/22 13:23	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			09/29/22 13:23	1
Chloroethane	4.6	U	5.0	4.6	ug/L			09/29/22 13:23	1
Chloroform	0.27	U	1.0	0.27	ug/L			09/29/22 13:23	1
Chloromethane	0.54	U	1.0	0.54	ug/L			09/29/22 13:23	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			09/29/22 13:23	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			09/29/22 13:23	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			09/29/22 13:23	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			09/29/22 13:23	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			09/29/22 13:23	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			09/29/22 13:23	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			09/29/22 13:23	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			09/29/22 13:23	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			09/29/22 13:23	1
cis-1,2-Dichloroethene	0.25	U	1.0	0.25	ug/L			09/29/22 13:23	1
trans-1,2-Dichloroethene	0.34	U	1.0	0.34	ug/L			09/29/22 13:23	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			09/29/22 13:23	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			09/29/22 13:23	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			09/29/22 13:23	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			09/29/22 13:23	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			09/29/22 13:23	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			09/29/22 13:23	1
2-Hexanone	3.2	U	10	3.2	ug/L			09/29/22 13:23	1
Iodomethane	3.9	U	10	3.9	ug/L			09/29/22 13:23	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			09/29/22 13:23	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			09/29/22 13:23	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			09/29/22 13:23	1
Styrene	0.27	U	1.0	0.27	ug/L			09/29/22 13:23	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			09/29/22 13:23	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			09/29/22 13:23	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			09/29/22 13:23	1
Toluene	0.25	U	1.0	0.25	ug/L			09/29/22 13:23	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			09/29/22 13:23	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			09/29/22 13:23	1
Trichloroethene	0.20	U	1.0	0.20	ug/L			09/29/22 13:23	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			09/29/22 13:23	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			09/29/22 13:23	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			09/29/22 13:23	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			09/29/22 13:23	1

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

Lab Sample ID: MB 680-742750/9
Matrix: Water
Analysis Batch: 742750

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	0.23	U	1.0	0.23	ug/L			09/29/22 13:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*104*		*70 - 130*		*09/29/22 13:23*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*60 - 124*		*09/29/22 13:23*	*1*
Dibromofluoromethane (Surr)	*108*		*70 - 130*		*09/29/22 13:23*	*1*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*		*09/29/22 13:23*	*1*

Lab Sample ID: LCS 680-742750/5
Matrix: Water
Analysis Batch: 742750

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	250	247		ug/L		99	67 - 120
Acrylonitrile	500	447		ug/L		89	70 - 130
Benzene	50.0	49.5		ug/L		99	70 - 130
Bromochloromethane	50.0	57.1		ug/L		114	70 - 130
Bromodichloromethane	50.0	53.6		ug/L		107	70 - 130
Bromoform	50.0	58.3		ug/L		117	69 - 129
Bromomethane	50.0	40.7		ug/L		81	28 - 192
2-Butanone (MEK)	250	245		ug/L		98	69 - 120
Carbon disulfide	50.0	51.5		ug/L		103	70 - 130
Carbon tetrachloride	50.0	57.7		ug/L		115	70 - 130
Chlorobenzene	50.0	49.9		ug/L		100	70 - 130
Chloroethane	50.0	76.1		ug/L		152	31 - 213
Chloroform	50.0	53.6		ug/L		107	70 - 130
Chloromethane	50.0	50.8		ug/L		102	59 - 127
Dibromochloromethane	50.0	59.9		ug/L		120	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	60.4		ug/L		121	70 - 130
1,2-Dibromoethane	50.0	53.5		ug/L		107	70 - 130
Dibromomethane	50.0	51.9		ug/L		104	70 - 130
1,2-Dichlorobenzene	50.0	46.5		ug/L		93	70 - 130
1,4-Dichlorobenzene	50.0	45.4		ug/L		91	70 - 130
trans-1,4-Dichloro-2-butene	50.0	42.1		ug/L		84	67 - 120
1,1-Dichloroethane	50.0	47.6		ug/L		95	70 - 130
1,2-Dichloroethane	50.0	48.8		ug/L		98	70 - 130
cis-1,2-Dichloroethene	50.0	48.3		ug/L		97	70 - 130
trans-1,2-Dichloroethene	50.0	55.1		ug/L		110	70 - 130
1,1-Dichloroethene	50.0	45.8		ug/L		92	70 - 130
1,2-Dichloropropane	50.0	47.8		ug/L		96	70 - 130
1,3-Dichloropropane	50.0	46.5		ug/L		93	70 - 130
cis-1,3-Dichloropropene	50.0	50.5		ug/L		101	70 - 130
trans-1,3-Dichloropropene	50.0	47.4		ug/L		95	70 - 130
Ethylbenzene	50.0	46.7		ug/L		93	70 - 130
2-Hexanone	250	203		ug/L		81	70 - 130
Iodomethane	50.0	49.3		ug/L		99	52 - 129
Methylene Chloride	50.0	51.7		ug/L		103	70 - 130
4-Methyl-2-pentanone (MIBK)	250	207		ug/L		83	68 - 120

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

Lab Sample ID: LCS 680-742750/5
Matrix: Water
Analysis Batch: 742750

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methyl tert-butyl ether	50.0	53.7		ug/L		107	70 - 130
Styrene	50.0	49.9		ug/L		100	70 - 130
1,1,1,2-Tetrachloroethane	50.0	55.4		ug/L		111	70 - 130
1,1,2,2-Tetrachloroethane	50.0	42.6		ug/L		85	70 - 130
Tetrachloroethylene	50.0	55.4		ug/L		111	70 - 130
Toluene	50.0	48.0		ug/L		96	70 - 130
1,1,1-Trichloroethane	50.0	53.8		ug/L		108	70 - 130
1,1,2-Trichloroethane	50.0	48.2		ug/L		96	70 - 130
Trichloroethene	50.0	58.5		ug/L		117	70 - 130
Trichlorofluoromethane	50.0	34.3		ug/L		69	63 - 142
1,2,3-Trichloropropane	50.0	47.1		ug/L		94	70 - 130
Vinyl acetate	100	77.9		ug/L		78	67 - 135
Vinyl chloride	50.0	51.8		ug/L		104	66 - 129
Xylenes, Total	100	96.8		ug/L		97	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*101*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*95*		*60 - 124*
Dibromofluoromethane (Surr)	*116*		*70 - 130*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: LCSD 680-742750/6
Matrix: Water
Analysis Batch: 742750

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	250	248		ug/L		99	67 - 120	1	30
Acrylonitrile	500	444		ug/L		89	70 - 130	1	30
Benzene	50.0	48.9		ug/L		98	70 - 130	1	30
Bromochloromethane	50.0	56.7		ug/L		113	70 - 130	1	30
Bromodichloromethane	50.0	54.8		ug/L		110	70 - 130	2	30
Bromoform	50.0	60.1		ug/L		120	69 - 129	3	30
Bromomethane	50.0	41.7		ug/L		83	28 - 192	3	30
2-Butanone (MEK)	250	237		ug/L		95	69 - 120	3	30
Carbon disulfide	50.0	52.9		ug/L		106	70 - 130	3	30
Carbon tetrachloride	50.0	59.3		ug/L		119	70 - 130	3	30
Chlorobenzene	50.0	50.3		ug/L		101	70 - 130	1	30
Chloroethane	50.0	77.8		ug/L		156	31 - 213	2	30
Chloroform	50.0	53.6		ug/L		107	70 - 130	0	30
Chloromethane	50.0	51.6		ug/L		103	59 - 127	1	30
Dibromochloromethane	50.0	60.6		ug/L		121	70 - 130	1	30
1,2-Dibromo-3-Chloropropane	50.0	60.1		ug/L		120	70 - 130	0	30
1,2-Dibromoethane	50.0	52.8		ug/L		106	70 - 130	1	30
Dibromomethane	50.0	52.4		ug/L		105	70 - 130	1	30
1,2-Dichlorobenzene	50.0	46.6		ug/L		93	70 - 130	0	30
1,4-Dichlorobenzene	50.0	45.1		ug/L		90	70 - 130	1	30
trans-1,4-Dichloro-2-butene	50.0	42.8		ug/L		86	67 - 120	2	30
1,1-Dichloroethane	50.0	47.7		ug/L		95	70 - 130	0	30

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

Lab Sample ID: LCSD 680-742750/6
Matrix: Water
Analysis Batch: 742750

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dichloroethane	50.0	48.6		ug/L		97	70 - 130	1	50
cis-1,2-Dichloroethene	50.0	47.9		ug/L		96	70 - 130	1	30
trans-1,2-Dichloroethene	50.0	56.9		ug/L		114	70 - 130	3	30
1,1-Dichloroethene	50.0	45.6		ug/L		91	70 - 130	0	20
1,2-Dichloropropane	50.0	48.3		ug/L		97	70 - 130	1	20
1,3-Dichloropropane	50.0	46.1		ug/L		92	70 - 130	1	20
cis-1,3-Dichloropropene	50.0	51.4		ug/L		103	70 - 130	2	20
trans-1,3-Dichloropropene	50.0	47.1		ug/L		94	70 - 130	1	30
Ethylbenzene	50.0	47.3		ug/L		95	70 - 130	1	20
2-Hexanone	250	203		ug/L		81	70 - 130	0	20
Iodomethane	50.0	50.7		ug/L		101	52 - 129	3	30
Methylene Chloride	50.0	54.0		ug/L		108	70 - 130	4	30
4-Methyl-2-pentanone (MIBK)	250	205		ug/L		82	68 - 120	1	30
Methyl tert-butyl ether	50.0	53.6		ug/L		107	70 - 130	0	30
Styrene	50.0	50.9		ug/L		102	70 - 130	2	30
1,1,1,2-Tetrachloroethane	50.0	55.8		ug/L		112	70 - 130	1	30
1,1,2,2-Tetrachloroethane	50.0	43.1		ug/L		86	70 - 130	1	30
Tetrachloroethylene	50.0	55.0		ug/L		110	70 - 130	1	30
Toluene	50.0	48.0		ug/L		96	70 - 130	0	30
1,1,1-Trichloroethane	50.0	54.9		ug/L		110	70 - 130	2	30
1,1,2-Trichloroethane	50.0	47.2		ug/L		94	70 - 130	2	30
Trichloroethene	50.0	58.5		ug/L		117	70 - 130	0	30
Trichlorofluoromethane	50.0	32.9		ug/L		66	63 - 142	4	30
1,2,3-Trichloropropane	50.0	47.1		ug/L		94	70 - 130	0	30
Vinyl acetate	100	81.2		ug/L		81	67 - 135	4	30
Vinyl chloride	50.0	51.4		ug/L		103	66 - 129	1	30
Xylenes, Total	100	97.4		ug/L		97	70 - 130	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*102*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*94*		*60 - 124*
Dibromofluoromethane (Surr)	*118*		*70 - 130*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*

Method: 8260D - Volatile Organic Compounds by GC/MS - DL

Lab Sample ID: 680-221532-5 MS
Matrix: Water
Analysis Batch: 742523

Client Sample ID: CWM-183-MW13
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene - DL	110		250	414		ug/L		121	70 - 130
Trichloroethene - DL	150	F1	250	498	F1	ug/L		140	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Toluene-d8 (Surr) - DL	*103*		*70 - 130*
1,2-Dichloroethane-d4 (Surr) - DL	*95*		*60 - 124*

Method: 8260D - Volatile Organic Compounds by GC/MS - DL (Continued)

Lab Sample ID: 680-221532-5 MS
Matrix: Water
Analysis Batch: 742523

Client Sample ID: CWM-183-MW13
Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
Dibromofluoromethane (Surr) - DL	*104*		*70 - 130*
4-Bromofluorobenzene (Surr) - DL	*94*		*70 - 130*

Lab Sample ID: 680-221532-5 MSD
Matrix: Water
Analysis Batch: 742523

Client Sample ID: CWM-183-MW13
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Trichloroethene - DL	150	F1	250	497	F1	ug/L		140	70 - 130	0	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Toluene-d8 (Surr) - DL	*103*		*70 - 130*
1,2-Dichloroethane-d4 (Surr) - DL	*95*		*60 - 124*
Dibromofluoromethane (Surr) - DL	*106*		*70 - 130*
4-Bromofluorobenzene (Surr) - DL	*93*		*70 - 130*

Method: RSK-175 - Dissolved Gases (GC)

Lab Sample ID: MB 680-742785/8
Matrix: Water
Analysis Batch: 742785

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	0.57	U	0.58	0.57	ug/L			09/29/22 12:29	1
Ethane	0.30	U	1.1	0.30	ug/L			09/29/22 12:29	1
Ethene	0.31	U	1.0	0.31	ug/L			09/29/22 12:29	1

Lab Sample ID: LCS 680-742785/3
Matrix: Water
Analysis Batch: 742785

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methane (TCD)	1920	1830		ug/L		95	75 - 125

Lab Sample ID: LCS 680-742785/6
Matrix: Water
Analysis Batch: 742785

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methane	192	181		ug/L		94	75 - 125
Ethane	361	344		ug/L		95	75 - 125
Ethene	337	313		ug/L		93	75 - 125

Method: RSK-175 - Dissolved Gases (GC) (Continued)

Lab Sample ID: LCSD 680-742785/4
Matrix: Water
Analysis Batch: 742785

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methane (TCD)			1920	1880		ug/L		98	75 - 125	3	30

Lab Sample ID: LCSD 680-742785/7
Matrix: Water
Analysis Batch: 742785

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methane			192	183		ug/L		95	75 - 125	1	30
Ethane			361	347		ug/L		96	75 - 125	1	30
Ethene			337	313		ug/L		93	75 - 125	0	30

Lab Sample ID: 680-221532-5 MS
Matrix: Water
Analysis Batch: 742785

Client Sample ID: CWM-183-MW13
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Methane	330		192	553	E	ug/L		118	75 - 125		
Ethane	3.8		361	378		ug/L		104	75 - 125		
Ethene	7.9		337	344		ug/L		100	75 - 125		

Lab Sample ID: 680-221532-5 MSD
Matrix: Water
Analysis Batch: 742785

Client Sample ID: CWM-183-MW13
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methane	330		192	505	E	ug/L		93	75 - 125	9	30
Ethane	3.8		361	372		ug/L		102	75 - 125	2	30
Ethene	7.9		337	341		ug/L		99	75 - 125	1	30

Lab Sample ID: MB 680-743457/8
Matrix: Water
Analysis Batch: 743457

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	0.57	U	0.58	0.57	ug/L			10/04/22 13:21	1
Ethane	0.30	U	1.1	0.30	ug/L			10/04/22 13:21	1
Ethene	0.31	U	1.0	0.31	ug/L			10/04/22 13:21	1

Lab Sample ID: LCS 680-743457/3
Matrix: Water
Analysis Batch: 743457

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Methane (TCD)			1920	1830		ug/L		95	75 - 125		

Method: RSK-175 - Dissolved Gases (GC) (Continued)

Lab Sample ID: LCS 680-743457/6
Matrix: Water
Analysis Batch: 743457

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methane	192	187		ug/L		97	75 - 125
Ethane	361	349		ug/L		97	75 - 125
Ethene	337	316		ug/L		94	75 - 125

Lab Sample ID: LCSD 680-743457/4
Matrix: Water
Analysis Batch: 743457

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methane (TCD)	1920	1800		ug/L		94	75 - 125	1	30

Lab Sample ID: LCSD 680-743457/7
Matrix: Water
Analysis Batch: 743457

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methane	192	170		ug/L		88	75 - 125	9	30
Ethane	361	324		ug/L		90	75 - 125	8	30
Ethene	337	291		ug/L		86	75 - 125	8	30

GC/MS VOA

Analysis Batch: 742088

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-221532-1	CWM-183-MW04	Total/NA	Water	8260D	
680-221532-10	CWM-183-MW19	Total/NA	Water	8260D	
680-221532-11	CWM-183-MW20	Total/NA	Water	8260D	
MB 680-742088/9	Method Blank	Total/NA	Water	8260D	
LCS 680-742088/5	Lab Control Sample	Total/NA	Water	8260D	
LCSD 680-742088/6	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 742093

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-221532-19 - RA	DUP402	Total/NA	Water	8260D	
MB 680-742093/13	Method Blank	Total/NA	Water	8260D	
LCS 680-742093/5	Lab Control Sample	Total/NA	Water	8260D	
LCSD 680-742093/6	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 742316

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-221532-6	CWM-183-MW15	Total/NA	Water	8260D	
680-221532-7	CWM-183-MW16	Total/NA	Water	8260D	
680-221532-12	CWM-183-MW21	Total/NA	Water	8260D	
680-221532-13	CWM-183-MW22	Total/NA	Water	8260D	
680-221532-14	CWM-183-MW23	Total/NA	Water	8260D	
680-221532-15	CWM-183-MW25	Total/NA	Water	8260D	
680-221532-16	CWM-183-MW28	Total/NA	Water	8260D	
680-221532-17	CWM-183-MW31	Total/NA	Water	8260D	
680-221532-18	DUP401	Total/NA	Water	8260D	
680-221532-19	DUP402	Total/NA	Water	8260D	
MB 680-742316/8	Method Blank	Total/NA	Water	8260D	
LCS 680-742316/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 680-742316/5	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 742328

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-221532-5	CWM-183-MW13	Total/NA	Water	8260D	
MB 680-742328/9	Method Blank	Total/NA	Water	8260D	
LCS 680-742328/5	Lab Control Sample	Total/NA	Water	8260D	
LCSD 680-742328/6	Lab Control Sample Dup	Total/NA	Water	8260D	
680-221532-5 MS	CWM-183-MW13	Total/NA	Water	8260D	
680-221532-5 MSD	CWM-183-MW13	Total/NA	Water	8260D	

Analysis Batch: 742453

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-221532-3	CWM-183-MW08	Total/NA	Water	8260D	
680-221532-4	CWM-183-MW11	Total/NA	Water	8260D	
680-221532-8	CWM-183-MW17	Total/NA	Water	8260D	
680-221532-9	TB602	Total/NA	Water	8260D	
MB 680-742453/9	Method Blank	Total/NA	Water	8260D	
LCS 680-742453/5	Lab Control Sample	Total/NA	Water	8260D	
LCSD 680-742453/6	Lab Control Sample Dup	Total/NA	Water	8260D	

QC Association Summary

Client: Matrix Environmental Services, LLC
Job ID: 680-221532-1
Project/Site: Parcel 183(6), Training Area T6 (Naylor Field)

GC/MS VOA

Analysis Batch: 742523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-221532-5 - DL	CWM-183-MW13	Total/NA	Water	8260D	
680-221532-16	CWM-183-MW28	Total/NA	Water	8260D	
MB 680-742523/8	Method Blank	Total/NA	Water	8260D	
LCS 680-742523/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 680-742523/5	Lab Control Sample Dup	Total/NA	Water	8260D	
680-221532-5 MS - DL	CWM-183-MW13	Total/NA	Water	8260D	
680-221532-5 MSD - DL	CWM-183-MW13	Total/NA	Water	8260D	

Analysis Batch: 742750

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-221532-2	CWM-183-MW06	Total/NA	Water	8260D	
MB 680-742750/9	Method Blank	Total/NA	Water	8260D	
LCS 680-742750/5	Lab Control Sample	Total/NA	Water	8260D	
LCSD 680-742750/6	Lab Control Sample Dup	Total/NA	Water	8260D	

GC VOA

Analysis Batch: 742785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-221532-1	CWM-183-MW04	Total/NA	Water	RSK-175	
680-221532-5	CWM-183-MW13	Total/NA	Water	RSK-175	
680-221532-11	CWM-183-MW20	Total/NA	Water	RSK-175	
680-221532-14	CWM-183-MW23	Total/NA	Water	RSK-175	
MB 680-742785/8	Method Blank	Total/NA	Water	RSK-175	
LCS 680-742785/3	Lab Control Sample	Total/NA	Water	RSK-175	
LCS 680-742785/6	Lab Control Sample	Total/NA	Water	RSK-175	
LCSD 680-742785/4	Lab Control Sample Dup	Total/NA	Water	RSK-175	
LCSD 680-742785/7	Lab Control Sample Dup	Total/NA	Water	RSK-175	
680-221532-5 MS	CWM-183-MW13	Total/NA	Water	RSK-175	
680-221532-5 MSD	CWM-183-MW13	Total/NA	Water	RSK-175	

Analysis Batch: 743457

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-221532-14	CWM-183-MW23	Total/NA	Water	RSK-175	
MB 680-743457/8	Method Blank	Total/NA	Water	RSK-175	
LCS 680-743457/3	Lab Control Sample	Total/NA	Water	RSK-175	
LCS 680-743457/6	Lab Control Sample	Total/NA	Water	RSK-175	
LCSD 680-743457/4	Lab Control Sample Dup	Total/NA	Water	RSK-175	
LCSD 680-743457/7	Lab Control Sample Dup	Total/NA	Water	RSK-175	

Lab Chronicle

Client: Matrix Environmental Services, LLC
Job ID: 680-221532-1
Project/Site: Parcel 183(6), Training Area T6 (Naylor Field)

Client Sample ID: CWM-183-MW04
Lab Sample ID: 680-221532-1
Date Collected: 09/20/22 16:15
Matrix: Water
Date Received: 09/22/22 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	742088	09/25/22 18:19	UI	EET SAV
	Instrument ID: CMSB									
Total/NA	Analysis	RSK-175		1	17 mL	17 mL	742785	09/29/22 17:31	JCK	EET SAV
	Instrument ID: CVGU									

Client Sample ID: CWM-183-MW06
Lab Sample ID: 680-221532-2
Date Collected: 09/21/22 11:56
Matrix: Water
Date Received: 09/22/22 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	742750	09/29/22 17:00	P1C	EET SAV
	Instrument ID: CMSO2									

Client Sample ID: CWM-183-MW08
Lab Sample ID: 680-221532-3
Date Collected: 09/21/22 08:41
Matrix: Water
Date Received: 09/22/22 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	742453	09/27/22 20:27	P1C	EET SAV
	Instrument ID: CMSAG									

Client Sample ID: CWM-183-MW11
Lab Sample ID: 680-221532-4
Date Collected: 09/21/22 08:40
Matrix: Water
Date Received: 09/22/22 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	742453	09/28/22 00:34	P1C	EET SAV
	Instrument ID: CMSAG									

Client Sample ID: CWM-183-MW13
Lab Sample ID: 680-221532-5
Date Collected: 09/20/22 14:45
Matrix: Water
Date Received: 09/22/22 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D	DL	5	5 mL	5 mL	742523	09/28/22 21:32	UI	EET SAV
	Instrument ID: CMSAA									
Total/NA	Analysis	8260D		1	5 mL	5 mL	742328	09/27/22 15:40	Y1S	EET SAV
	Instrument ID: CMSB									
Total/NA	Analysis	RSK-175		1	17 mL	17 mL	742785	09/29/22 17:44	JCK	EET SAV
	Instrument ID: CVGU									

Lab Chronicle

Client: Matrix Environmental Services, LLC
Job ID: 680-221532-1
Project/Site: Parcel 183(6), Training Area T6 (Naylor Field)

Client Sample ID: CWM-183-MW15
Lab Sample ID: 680-221532-6
Date Collected: 09/20/22 13:16
Matrix: Water
Date Received: 09/22/22 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	742316	09/27/22 14:37	Y1S	EET SAV
	Instrument ID: CMSAA									

Client Sample ID: CWM-183-MW16
Lab Sample ID: 680-221532-7
Date Collected: 09/20/22 12:11
Matrix: Water
Date Received: 09/22/22 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	742316	09/27/22 15:00	Y1S	EET SAV
	Instrument ID: CMSAA									

Client Sample ID: CWM-183-MW17
Lab Sample ID: 680-221532-8
Date Collected: 09/21/22 09:56
Matrix: Water
Date Received: 09/22/22 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	742453	09/27/22 20:46	P1C	EET SAV
	Instrument ID: CMSAG									

Client Sample ID: TB602
Lab Sample ID: 680-221532-9
Date Collected: 09/21/22 13:09
Matrix: Water
Date Received: 09/22/22 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	742453	09/27/22 19:49	P1C	EET SAV
	Instrument ID: CMSAG									

Client Sample ID: CWM-183-MW19
Lab Sample ID: 680-221532-10
Date Collected: 09/20/22 09:05
Matrix: Water
Date Received: 09/22/22 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	742088	09/25/22 18:38	UI	EET SAV
	Instrument ID: CMSB									

Client Sample ID: CWM-183-MW20
Lab Sample ID: 680-221532-11
Date Collected: 09/20/22 14:46
Matrix: Water
Date Received: 09/22/22 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	742088	09/25/22 18:58	UI	EET SAV
	Instrument ID: CMSB									
Total/NA	Analysis	RSK-175		1	17 mL	17 mL	742785	09/29/22 17:57	JCK	EET SAV
	Instrument ID: CVGU									

Lab Chronicle

Client: Matrix Environmental Services, LLC
Job ID: 680-221532-1
Project/Site: Parcel 183(6), Training Area T6 (Naylor Field)

Client Sample ID: CWM-183-MW21
Lab Sample ID: 680-221532-12
Date Collected: 09/20/22 13:35
Matrix: Water
Date Received: 09/22/22 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	742316	09/27/22 15:47	Y1S	EET SAV
	Instrument ID: CMSAA									

Client Sample ID: CWM-183-MW22
Lab Sample ID: 680-221532-13
Date Collected: 09/20/22 12:35
Matrix: Water
Date Received: 09/22/22 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	742316	09/27/22 16:10	Y1S	EET SAV
	Instrument ID: CMSAA									

Client Sample ID: CWM-183-MW23
Lab Sample ID: 680-221532-14
Date Collected: 09/21/22 10:56
Matrix: Water
Date Received: 09/22/22 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	742316	09/27/22 16:34	Y1S	EET SAV
	Instrument ID: CMSAA									
Total/NA	Analysis	RSK-175		1	17 mL	17 mL	742785	09/29/22 18:10	JCK	EET SAV
	Instrument ID: CVGU									
Total/NA	Analysis	RSK-175		10	17 mL	17 mL	743457	10/04/22 17:07	JCK	EET SAV
	Instrument ID: CVGU									

Client Sample ID: CWM-183-MW25
Lab Sample ID: 680-221532-15
Date Collected: 09/20/22 10:45
Matrix: Water
Date Received: 09/22/22 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	742316	09/27/22 16:57	Y1S	EET SAV
	Instrument ID: CMSAA									

Client Sample ID: CWM-183-MW28
Lab Sample ID: 680-221532-16
Date Collected: 09/20/22 10:36
Matrix: Water
Date Received: 09/22/22 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	742316	09/27/22 17:44	Y1S	EET SAV
	Instrument ID: CMSAA									
Total/NA	Analysis	8260D		1	5 mL	5 mL	742523	09/28/22 14:33	UI	EET SAV
	Instrument ID: CMSAA									

Lab Chronicle

Client: Matrix Environmental Services, LLC
Job ID: 680-221532-1
Project/Site: Parcel 183(6), Training Area T6 (Naylor Field)

Client Sample ID: CWM-183-MW31
Lab Sample ID: 680-221532-17
Date Collected: 09/20/22 08:46
Matrix: Water
Date Received: 09/22/22 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	742316	09/27/22 18:07	Y1S	EET SAV
	Instrument ID: CMSAA									

Client Sample ID: DUP401
Lab Sample ID: 680-221532-18
Date Collected: 09/20/22 00:00
Matrix: Water
Date Received: 09/22/22 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	742316	09/27/22 18:30	Y1S	EET SAV
	Instrument ID: CMSAA									

Client Sample ID: DUP402
Lab Sample ID: 680-221532-19
Date Collected: 09/20/22 00:00
Matrix: Water
Date Received: 09/22/22 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	742316	09/27/22 13:50	Y1S	EET SAV
	Instrument ID: CMSAA									
Total/NA	Analysis	8260D	RA	1	5 mL	5 mL	742093	09/25/22 20:41	P1C	EET SAV
	Instrument ID: CMSAG									

Laboratory References:
EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: Matrix Environmental Services, LLC
Job ID: 680-221532-1
Project/Site: Parcel 183(6), Training Area T6 (Naylor Field)

Laboratory: Eurofins Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	07-30-23

Method Summary

Client: Matrix Environmental Services, LLC
Job ID: 680-221532-1
Project/Site: Parcel 183(6), Training Area T6 (Naylor Field)

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET SAV
RSK-175	Dissolved Gases (GC)	RSK	EET SAV
5030C	Purge and Trap	SW846	EET SAV

Protocol References:

RSK = Sample Prep And Calculations For Dissolved Gas Analysis In Water Samples Using A GC Headspace Equilibration Technique, RSKSOP-175, Rev. 0, 8/11/94, USEPA Research Lab
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

COC Number 6695
Cooler ID 1 of 1
Page 1 of 2

Laboratory Eurofins
Lab Contact Noel Savoie and Beth Daughtry
MES Contact Betty Van Pelt
MES Phone 801-699-1246
Project Parcel 183(6), Training Area T6 (Naylor Field)
Task # 21.094 22-11.1
Lab contract: 21.094.22-11.1.500

Samplers Signature

Site	Station ID	QC Code	Station Code	Matrix	Sample Method	Date Collected	Sample Time	Analysis: SW8260D - VOC 3 - 40 ml vials, HCl	Analysis: RSK-175 -MEE 3 - 40 ml vials, HCl	Analysis: SW8260D - VOC TB 2 - 40 ml vials, HCl	
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW04	NS	MW	Water	BP	9/20/2022	1615	X	X		
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW06	NS	MW	Water	BP	9/21/2022	1156	X			
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW08	NS	MW	Water	BP	9/21/2022	0841	X			
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW11	NS	MW	Water	BP	9/21/2022	0840	X			
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW13	NS	MW	Water	BP	9/20/2022	1445	X	X		
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW13	MS/MSD	MW	Water	BP	9/20/2022	1445	X	X		
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW15	NS	MW	Water	BP	9/20/2022	1316	X			
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW16	NS	MW	Water	BP	9/20/2022	1211	X			
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW17	NS	MW	Water	BP	9/21/2022	0956	X			
Parcel 183(6), Training Area T6 (Naylor Field)	TB602	TB	TB	Water	Grab	9/21/2022	1309			X	

680-221532 Chain of Custody

NOTES:

QC Code NS = Investigative Sample, FD = Field Duplicate, MS/MSD = Matrix Spike/Matrix Spike Duplicate, EB = Equipment Blank, TB = Trip Blank, WQ = Water Quality, WS = Source Water

Station Type = MW = Monitoring Well, BH = Bore Hole, SD = Sediment, SW = Surface Water, SS = Surface Soil, SU = Sump, WS = Waste Solid/Soil, WW = Waste Water

White Copy = Lab COC, Yellow COC = Field Copy, Pink COC = Data Mgmt

Double the number of bottles for MS/MSD

COMMENTS: See Task Order 093 for required list of VOCs and metals.

Relinquished by (Signature)

Date/Time 9-21-22 1600

Received by (Signature) Fedex

Relinquished by (Signature)

Date/Time

Received by (Signature) DA 9-22-22 1100

4.0/3.9

MATRIX ENVIRONMENTAL SERVICES CHAIN OF CUSTODY RECORD

COC Number 6695
Cooler ID 1 of 1
Page 2 of 2

Laboratory Eurofins
Lab Contact Noel Savoie and Beth Daughtry
MES Contact Betty Van Pelt
MES Phone 801-699-1246
Project Parcel 183(6), Training Area T6 (Naylor Field)
Task # 21.094.22-11.1
Lab contract. 21.094.22-11.1 500

Samplers Signature

Site	Station ID	QC Code	Station Code	Matrix	Sample Method	Date Collected	Sample Time	Analysis: SW8260D - VOC 3 - 40 ml vials, HCl	Analysis: RSK-175 -MEE 3 - 40 ml vials, HCl	Analysis: SW8260D - VOC TB 2 - 40 ml vials, HCl	Analysis:
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW19	NS	MW	Water	BP	9/20/2022	0905	X			
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW20	NS	MW	Water	BP	9/20/2022	1446	X	X		
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW21	NS	MW	Water	BP	9/20/2022	1335	X			
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW22	NS	MW	Water	BP	9/20/2022	1235	X			
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW23	NS	MW	Water	BP	9/21/2022	1056	X	X		
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW25	NS	MW	Water	BP	9/20/2022	1045	X			
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW28	NS	MW	Water	BP	9/20/2022	1036	X			
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW31	NS	MW	Water	BP	9/20/2022	0846	X			
Parcel 183(6), Training Area T6 (Naylor Field)	DUP401	FD	MW	Water	BP	9/20/2022	N/A	X			
Parcel 183(6), Training Area T6 (Naylor Field)	DUP402	FD	MW	Water	BP	9/20/2022	N/A	X			

NOTES:

QC Code NS = Investigative Sample, FD = Field Duplicate, MS/MSD = Matrix Spike/Matrix Spike Duplicate, EB = Equipment Blank, TB = Trip Blank, WQ = Water Quality, WS = Source Water

Station Type = MW = Monitoring Well, BH = Bore Hole, SD = Sediment, SW = Surface Water, SS = Surface Soil, SU = Sump, WS = Waste Solid/Soil, WW = Waste Water

White Copy = Lab COC, Yellow COC = Field Copy, Pink COC = Data Mgmt

Double the number of bottles for MS/MSD

COMMENTS: See Task Order 093 for required list of VOCs and metals.

Relinquished by (Signature) — Date/Time 9-21-22 1600 — Received by (Signature) Fedex

Relinquished by (Signature) — Date/Time — Received by (Signature) 9-22-22 1100

Login Sample Receipt Checklist

Client: Matrix Environmental Services, LLC

Job Number: 680-221532-1

Login Number: 221532
List Number: 1
Creator: Sims, Robert D

List Source: Eurofins Savannah

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Ms. Betty Van Pelt
Matrix Environmental Services, LLC
707 17th Street
Suite 3150
Denver, Colorado 80202

Generated 3/30/2023 4:58:35 PM

JOB DESCRIPTION

McClellan, Anniston, Alabama

JOB NUMBER

680-232164-1

Eurofins Savannah
5102 LaRoche Avenue
Savannah GA 31404

See page two for job notes and contact information.

my EOL

Job Notes

The test results in this report meet NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted. Results pertain only to samples listed in this report. This report may not be reproduced, except in full, without the written approval of the laboratory. Questions should be directed to the person who signed this report.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization

Generated
3/30/2023 4:58:35 PM

Authorized for release by
Noel Savoie, Project Manager I
Noel.Savoie@et.eurofinsus.com
(850)254-0107

Definitions/Glossary

Client: Matrix Environmental Services, LLC
Project/Site: McClellan, Anniston, Alabama

Job ID: 680-232164-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Matrix Environmental Services, LLC
Project/Site: McClellan, Anniston, Alabama

Job ID: 680-232164-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-232164-1	CWM-183-MW07	Water	03/15/23 14:10	03/17/23 10:30
680-232164-2	CWM-183-MW25	Water	03/14/23 12:45	03/17/23 10:30
680-232164-3	CWM-183-MW17	Water	03/14/23 11:15	03/17/23 10:30
680-232164-4	CWM-183-MW28	Water	03/14/23 17:15	03/17/23 10:30
680-232164-5	CWM-183-MW19	Water	03/14/23 09:55	03/17/23 10:30
680-232164-6	CWM-183-MW21	Water	03/14/23 15:10	03/17/23 10:30
680-232164-7	CWM-183-MW22	Water	03/14/23 14:20	03/17/23 10:30
680-232164-8	CWM-183-MW31	Water	03/13/23 16:00	03/17/23 10:30
680-232164-9	CWM-183-MW08	Water	03/14/23 10:30	03/17/23 10:30
680-232164-10	DUP412	Water	03/15/23 00:00	03/17/23 10:30
680-232164-11	DUP413	Water	03/14/23 00:00	03/17/23 10:30
680-232164-12	CWM-183-MW20	Water	03/15/23 11:35	03/17/23 10:30
680-232164-13	CWM-183-MW09	Water	03/15/23 13:00	03/17/23 10:30
680-232164-14	TB609	Water	03/16/23 08:30	03/17/23 10:30

Job ID: 680-232164-1

Laboratory: Eurofins Savannah

Narrative

Job Narrative
680-232164-1

Receipt
The samples were received on 3/17/2023 10:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.4°C

GC/MS VOA
Method 8260D: The laboratory control sample/laboratory control sample duplicate (LCS/LCSD) for analytical batch 680-769205 recovered outside control limits for the following analytes: Chloroethane and Trichlorofluoromethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The laboratory control sample/laboratory control sample duplicate (LCS/LCSD) for analytical batch 680-769425 recovered outside control limits for the following analyte: Trichlorofluoromethane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The laboratory control sample/laboratory control sample duplicate (LCS/LCSD) for analytical batch 680-769685 recovered outside control limits for the following analytes:Bromoform, 1,2-Dibromo-3-Chloropropane, trans-1,4-Dichloro-2-butene and Iodomethane. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The matrix spike/matrix spike duplicate (MS/MSD) recoveries for analytical batch 680-769685 were outside advisory control limits for several analytes. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8260D: The laboratory control sample/laboratory control sample duplicate (LCS/LCSD) for analytical batch 680-769799 recovered outside control limits for the following analyte: Chloroethane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The laboratory control sample/laboratory control sample duplicate (LCS/LCSD) for analytical batch 680-769799 recovered outside control limits for the following analyte: Chloromethane. Chloromethane has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

GC VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client: Matrix Environmental Services, LLC
Project/Site: McClellan, Anniston, Alabama

Job ID: 680-232164-1

Client Sample ID: CWM-183-MW07
Date Collected: 03/15/23 14:10
Date Received: 03/17/23 10:30

Lab Sample ID: 680-232164-1
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			03/23/23 16:51	1
Acrylonitrile	5.5	U	20	5.5	ug/L			03/23/23 16:51	1
Benzene	0.27	U	1.0	0.27	ug/L			03/23/23 16:51	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			03/23/23 16:51	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			03/23/23 16:51	1
Bromoform	0.59	U	1.0	0.59	ug/L			03/23/23 16:51	1
Bromomethane	3.7	U	5.0	3.7	ug/L			03/23/23 16:51	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			03/23/23 16:51	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			03/23/23 16:51	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			03/23/23 16:51	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			03/23/23 16:51	1
Chloroethane	4.6	U *+	5.0	4.6	ug/L			03/23/23 16:51	1
Chloroform	0.27	U	1.0	0.27	ug/L			03/23/23 16:51	1
Chloromethane	0.54	U	1.0	0.54	ug/L			03/23/23 16:51	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			03/23/23 16:51	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			03/23/23 16:51	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			03/23/23 16:51	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			03/23/23 16:51	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			03/23/23 16:51	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			03/23/23 16:51	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			03/23/23 16:51	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			03/23/23 16:51	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			03/23/23 16:51	1
cis-1,2-Dichloroethene	**1.5**		1.0	0.25	ug/L			03/23/23 16:51	1
trans-1,2-Dichloroethene	0.34	U	1.0	0.34	ug/L			03/23/23 16:51	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			03/23/23 16:51	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			03/23/23 16:51	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/23/23 16:51	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			03/23/23 16:51	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			03/23/23 16:51	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			03/23/23 16:51	1
2-Hexanone	3.2	U	10	3.2	ug/L			03/23/23 16:51	1
Iodomethane	3.9	U	10	3.9	ug/L			03/23/23 16:51	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			03/23/23 16:51	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			03/23/23 16:51	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			03/23/23 16:51	1
Styrene	0.27	U	1.0	0.27	ug/L			03/23/23 16:51	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			03/23/23 16:51	1
1,1,2,2-Tetrachloroethane	**0.79**	**J**	1.0	0.40	ug/L			03/23/23 16:51	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			03/23/23 16:51	1
Toluene	0.25	U	1.0	0.25	ug/L			03/23/23 16:51	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			03/23/23 16:51	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			03/23/23 16:51	1
Trichloroethene	**11**		1.0	0.20	ug/L			03/23/23 16:51	1
Trichlorofluoromethane	0.33	U *+	1.0	0.33	ug/L			03/23/23 16:51	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			03/23/23 16:51	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			03/23/23 16:51	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			03/23/23 16:51	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			03/23/23 16:51	1

Client Sample ID: CWM-183-MW07

Lab Sample ID: 680-232164-1

Date Collected: 03/15/23 14:10

Matrix: Water

Date Received: 03/17/23 10:30

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*110*		*70 - 130*		*03/23/23 16:51*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*60 - 124*		*03/23/23 16:51*	*1*
Dibromofluoromethane (Surr)	*109*		*70 - 130*		*03/23/23 16:51*	*1*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*		*03/23/23 16:51*	*1*

Client Sample ID: CWM-183-MW25

Lab Sample ID: 680-232164-2

Date Collected: 03/14/23 12:45

Matrix: Water

Date Received: 03/17/23 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			03/26/23 16:17	1
Acrylonitrile	5.5	U	20	5.5	ug/L			03/26/23 16:17	1
Benzene	0.27	U	1.0	0.27	ug/L			03/26/23 16:17	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			03/26/23 16:17	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			03/26/23 16:17	1
Bromoform	0.59	U *+	1.0	0.59	ug/L			03/26/23 16:17	1
Bromomethane	3.7	U	5.0	3.7	ug/L			03/26/23 16:17	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			03/26/23 16:17	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			03/26/23 16:17	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			03/26/23 16:17	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			03/26/23 16:17	1
Chloroethane	4.6	U	5.0	4.6	ug/L			03/26/23 16:17	1
Chloroform	0.27	U	1.0	0.27	ug/L			03/26/23 16:17	1
Chloromethane	0.54	U	1.0	0.54	ug/L			03/26/23 16:17	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			03/26/23 16:17	1
1,2-Dibromo-3-Chloropropane	1.8	U *+	5.0	1.8	ug/L			03/26/23 16:17	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			03/26/23 16:17	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			03/26/23 16:17	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			03/26/23 16:17	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			03/26/23 16:17	1
trans-1,4-Dichloro-2-butene	1.3	U *+	2.0	1.3	ug/L			03/26/23 16:17	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			03/26/23 16:17	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			03/26/23 16:17	1
cis-1,2-Dichloroethene	0.25	U	1.0	0.25	ug/L			03/26/23 16:17	1
trans-1,2-Dichloroethene	0.34	U	1.0	0.34	ug/L			03/26/23 16:17	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			03/26/23 16:17	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			03/26/23 16:17	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/26/23 16:17	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			03/26/23 16:17	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			03/26/23 16:17	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			03/26/23 16:17	1
2-Hexanone	3.2	U	10	3.2	ug/L			03/26/23 16:17	1
Iodomethane	3.9	U *+	10	3.9	ug/L			03/26/23 16:17	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			03/26/23 16:17	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			03/26/23 16:17	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			03/26/23 16:17	1
Styrene	0.27	U	1.0	0.27	ug/L			03/26/23 16:17	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			03/26/23 16:17	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			03/26/23 16:17	1

Client Sample ID: CWM-183-MW25

Lab Sample ID: 680-232164-2

Date Collected: 03/14/23 12:45

Matrix: Water

Date Received: 03/17/23 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			03/26/23 16:17	1
Toluene	0.25	U	1.0	0.25	ug/L			03/26/23 16:17	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			03/26/23 16:17	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			03/26/23 16:17	1
Trichloroethene	0.20	U	1.0	0.20	ug/L			03/26/23 16:17	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			03/26/23 16:17	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			03/26/23 16:17	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			03/26/23 16:17	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			03/26/23 16:17	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			03/26/23 16:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*70 - 130*		*03/26/23 16:17*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*60 - 124*		*03/26/23 16:17*	*1*
Dibromofluoromethane (Surr)	*111*		*70 - 130*		*03/26/23 16:17*	*1*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*		*03/26/23 16:17*	*1*

Client Sample ID: CWM-183-MW17

Lab Sample ID: 680-232164-3

Date Collected: 03/14/23 11:15

Matrix: Water

Date Received: 03/17/23 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			03/27/23 16:43	1
Acrylonitrile	5.5	U	20	5.5	ug/L			03/27/23 16:43	1
Benzene	0.27	U	1.0	0.27	ug/L			03/27/23 16:43	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			03/27/23 16:43	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			03/27/23 16:43	1
Bromoform	0.59	U	1.0	0.59	ug/L			03/27/23 16:43	1
Bromomethane	3.7	U	5.0	3.7	ug/L			03/27/23 16:43	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			03/27/23 16:43	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			03/27/23 16:43	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			03/27/23 16:43	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			03/27/23 16:43	1
Chloroethane	4.6	U *+	5.0	4.6	ug/L			03/27/23 16:43	1
Chloroform	0.27	U	1.0	0.27	ug/L			03/27/23 16:43	1
Chloromethane	0.54	U *-	1.0	0.54	ug/L			03/27/23 16:43	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			03/27/23 16:43	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			03/27/23 16:43	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			03/27/23 16:43	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			03/27/23 16:43	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			03/27/23 16:43	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			03/27/23 16:43	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			03/27/23 16:43	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			03/27/23 16:43	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			03/27/23 16:43	1
cis-1,2-Dichloroethene	**0.43**	**J**	1.0	0.25	ug/L			03/27/23 16:43	1
trans-1,2-Dichloroethene	0.34	U	1.0	0.34	ug/L			03/27/23 16:43	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			03/27/23 16:43	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			03/27/23 16:43	1

Client Sample ID: CWM-183-MW17

Lab Sample ID: 680-232164-3

Date Collected: 03/14/23 11:15

Matrix: Water

Date Received: 03/17/23 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/27/23 16:43	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			03/27/23 16:43	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			03/27/23 16:43	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			03/27/23 16:43	1
2-Hexanone	3.2	U	10	3.2	ug/L			03/27/23 16:43	1
Iodomethane	3.9	U	10	3.9	ug/L			03/27/23 16:43	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			03/27/23 16:43	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			03/27/23 16:43	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			03/27/23 16:43	1
Styrene	0.27	U	1.0	0.27	ug/L			03/27/23 16:43	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			03/27/23 16:43	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			03/27/23 16:43	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			03/27/23 16:43	1
Toluene	0.25	U	1.0	0.25	ug/L			03/27/23 16:43	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			03/27/23 16:43	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			03/27/23 16:43	1
Trichloroethene	**5.2**		1.0	0.20	ug/L			03/27/23 16:43	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			03/27/23 16:43	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			03/27/23 16:43	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			03/27/23 16:43	1
Vinyl chloride	**0.73**	**J**	1.0	0.40	ug/L			03/27/23 16:43	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			03/27/23 16:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*108*		*70 - 130*		*03/27/23 16:43*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*60 - 124*		*03/27/23 16:43*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*03/27/23 16:43*	*1*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*03/27/23 16:43*	*1*

Client Sample ID: CWM-183-MW28

Lab Sample ID: 680-232164-4

Date Collected: 03/14/23 17:15

Matrix: Water

Date Received: 03/17/23 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			03/26/23 16:55	1
Acrylonitrile	5.5	U	20	5.5	ug/L			03/26/23 16:55	1
Benzene	0.27	U	1.0	0.27	ug/L			03/26/23 16:55	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			03/26/23 16:55	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			03/26/23 16:55	1
Bromoform	0.59	U *+	1.0	0.59	ug/L			03/26/23 16:55	1
Bromomethane	3.7	U	5.0	3.7	ug/L			03/26/23 16:55	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			03/26/23 16:55	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			03/26/23 16:55	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			03/26/23 16:55	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			03/26/23 16:55	1
Chloroethane	4.6	U	5.0	4.6	ug/L			03/26/23 16:55	1
Chloroform	0.27	U	1.0	0.27	ug/L			03/26/23 16:55	1
Chloromethane	0.54	U	1.0	0.54	ug/L			03/26/23 16:55	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			03/26/23 16:55	1

Client Sample ID: CWM-183-MW28

Lab Sample ID: 680-232164-4

Date Collected: 03/14/23 17:15

Matrix: Water

Date Received: 03/17/23 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	1.8	U *+	5.0	1.8	ug/L			03/26/23 16:55	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			03/26/23 16:55	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			03/26/23 16:55	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			03/26/23 16:55	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			03/26/23 16:55	1
trans-1,4-Dichloro-2-butene	1.3	U *+	2.0	1.3	ug/L			03/26/23 16:55	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			03/26/23 16:55	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			03/26/23 16:55	1
cis-1,2-Dichloroethene	0.25	U	1.0	0.25	ug/L			03/26/23 16:55	1
trans-1,2-Dichloroethene	0.34	U	1.0	0.34	ug/L			03/26/23 16:55	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			03/26/23 16:55	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			03/26/23 16:55	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/26/23 16:55	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			03/26/23 16:55	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			03/26/23 16:55	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			03/26/23 16:55	1
2-Hexanone	3.2	U	10	3.2	ug/L			03/26/23 16:55	1
Iodomethane	3.9	U *+	10	3.9	ug/L			03/26/23 16:55	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			03/26/23 16:55	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			03/26/23 16:55	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			03/26/23 16:55	1
Styrene	0.27	U	1.0	0.27	ug/L			03/26/23 16:55	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			03/26/23 16:55	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			03/26/23 16:55	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			03/26/23 16:55	1
Toluene	0.25	U	1.0	0.25	ug/L			03/26/23 16:55	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			03/26/23 16:55	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			03/26/23 16:55	1
Trichloroethene	0.20	U	1.0	0.20	ug/L			03/26/23 16:55	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			03/26/23 16:55	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			03/26/23 16:55	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			03/26/23 16:55	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			03/26/23 16:55	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			03/26/23 16:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*70 - 130*		*03/26/23 16:55*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*60 - 124*		*03/26/23 16:55*	*1*
Dibromofluoromethane (Surr)	*109*		*70 - 130*		*03/26/23 16:55*	*1*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*		*03/26/23 16:55*	*1*

Client Sample ID: CWM-183-MW19

Lab Sample ID: 680-232164-5

Date Collected: 03/14/23 09:55

Matrix: Water

Date Received: 03/17/23 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			03/26/23 17:13	1
Acrylonitrile	5.5	U	20	5.5	ug/L			03/26/23 17:13	1
Benzene	0.27	U	1.0	0.27	ug/L			03/26/23 17:13	1

Client: Matrix Environmental Services, LLC
Project/Site: McClellan, Anniston, Alabama

Job ID: 680-232164-1

Client Sample ID: CWM-183-MW19
Date Collected: 03/14/23 09:55
Date Received: 03/17/23 10:30

Lab Sample ID: 680-232164-5
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromochloromethane	0.34	U	1.0	0.34	ug/L			03/26/23 17:13	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			03/26/23 17:13	1
Bromoform	0.59	U *+	1.0	0.59	ug/L			03/26/23 17:13	1
Bromomethane	3.7	U	5.0	3.7	ug/L			03/26/23 17:13	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			03/26/23 17:13	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			03/26/23 17:13	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			03/26/23 17:13	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			03/26/23 17:13	1
Chloroethane	4.6	U	5.0	4.6	ug/L			03/26/23 17:13	1
Chloroform	0.27	U	1.0	0.27	ug/L			03/26/23 17:13	1
Chloromethane	0.54	U	1.0	0.54	ug/L			03/26/23 17:13	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			03/26/23 17:13	1
1,2-Dibromo-3-Chloropropane	1.8	U *+	5.0	1.8	ug/L			03/26/23 17:13	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			03/26/23 17:13	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			03/26/23 17:13	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			03/26/23 17:13	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			03/26/23 17:13	1
trans-1,4-Dichloro-2-butene	1.3	U *+	2.0	1.3	ug/L			03/26/23 17:13	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			03/26/23 17:13	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			03/26/23 17:13	1
cis-1,2-Dichloroethene	0.25	U	1.0	0.25	ug/L			03/26/23 17:13	1
trans-1,2-Dichloroethene	0.34	U	1.0	0.34	ug/L			03/26/23 17:13	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			03/26/23 17:13	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			03/26/23 17:13	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/26/23 17:13	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			03/26/23 17:13	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			03/26/23 17:13	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			03/26/23 17:13	1
2-Hexanone	3.2	U	10	3.2	ug/L			03/26/23 17:13	1
Iodomethane	3.9	U *+	10	3.9	ug/L			03/26/23 17:13	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			03/26/23 17:13	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			03/26/23 17:13	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			03/26/23 17:13	1
Styrene	0.27	U	1.0	0.27	ug/L			03/26/23 17:13	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			03/26/23 17:13	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			03/26/23 17:13	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			03/26/23 17:13	1
Toluene	0.25	U	1.0	0.25	ug/L			03/26/23 17:13	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			03/26/23 17:13	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			03/26/23 17:13	1
Trichloroethene	0.20	U	1.0	0.20	ug/L			03/26/23 17:13	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			03/26/23 17:13	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			03/26/23 17:13	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			03/26/23 17:13	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			03/26/23 17:13	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			03/26/23 17:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*70 - 130*		*03/26/23 17:13*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*60 - 124*		*03/26/23 17:13*	*1*

Client Sample ID: CWM-183-MW19

Lab Sample ID: 680-232164-5

Date Collected: 03/14/23 09:55

Matrix: Water

Date Received: 03/17/23 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*110*		*70 - 130*		*03/26/23 17:13*	*1*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*		*03/26/23 17:13*	*1*

Client Sample ID: CWM-183-MW21

Lab Sample ID: 680-232164-6

Date Collected: 03/14/23 15:10

Matrix: Water

Date Received: 03/17/23 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			03/26/23 17:32	1
Acrylonitrile	5.5	U	20	5.5	ug/L			03/26/23 17:32	1
Benzene	0.27	U	1.0	0.27	ug/L			03/26/23 17:32	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			03/26/23 17:32	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			03/26/23 17:32	1
Bromoform	0.59	U *+	1.0	0.59	ug/L			03/26/23 17:32	1
Bromomethane	3.7	U	5.0	3.7	ug/L			03/26/23 17:32	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			03/26/23 17:32	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			03/26/23 17:32	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			03/26/23 17:32	1
Chlorobenzene	**1.3**		1.0	0.15	ug/L			03/26/23 17:32	1
Chloroethane	4.6	U	5.0	4.6	ug/L			03/26/23 17:32	1
Chloroform	0.27	U	1.0	0.27	ug/L			03/26/23 17:32	1
Chloromethane	0.54	U	1.0	0.54	ug/L			03/26/23 17:32	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			03/26/23 17:32	1
1,2-Dibromo-3-Chloropropane	1.8	U *+	5.0	1.8	ug/L			03/26/23 17:32	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			03/26/23 17:32	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			03/26/23 17:32	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			03/26/23 17:32	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			03/26/23 17:32	1
trans-1,4-Dichloro-2-butene	1.3	U *+	2.0	1.3	ug/L			03/26/23 17:32	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			03/26/23 17:32	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			03/26/23 17:32	1
cis-1,2-Dichloroethene	**6.3**		1.0	0.25	ug/L			03/26/23 17:32	1
trans-1,2-Dichloroethene	**0.97**	**J**	1.0	0.34	ug/L			03/26/23 17:32	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			03/26/23 17:32	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			03/26/23 17:32	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/26/23 17:32	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			03/26/23 17:32	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			03/26/23 17:32	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			03/26/23 17:32	1
2-Hexanone	3.2	U	10	3.2	ug/L			03/26/23 17:32	1
Iodomethane	3.9	U *+	10	3.9	ug/L			03/26/23 17:32	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			03/26/23 17:32	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			03/26/23 17:32	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			03/26/23 17:32	1
Styrene	0.27	U	1.0	0.27	ug/L			03/26/23 17:32	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			03/26/23 17:32	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			03/26/23 17:32	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			03/26/23 17:32	1

Client Sample ID: CWM-183-MW21

Lab Sample ID: 680-232164-6

Date Collected: 03/14/23 15:10

Matrix: Water

Date Received: 03/17/23 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	0.25	U	1.0	0.25	ug/L			03/26/23 17:32	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			03/26/23 17:32	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			03/26/23 17:32	1
Trichloroethene	**6.9**		1.0	0.20	ug/L			03/26/23 17:32	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			03/26/23 17:32	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			03/26/23 17:32	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			03/26/23 17:32	1
Vinyl chloride	**6.6**		1.0	0.40	ug/L			03/26/23 17:32	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			03/26/23 17:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*70 - 130*		*03/26/23 17:32*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*60 - 124*		*03/26/23 17:32*	*1*
Dibromofluoromethane (Surr)	*111*		*70 - 130*		*03/26/23 17:32*	*1*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*		*03/26/23 17:32*	*1*

Client Sample ID: CWM-183-MW22

Lab Sample ID: 680-232164-7

Date Collected: 03/14/23 14:20

Matrix: Water

Date Received: 03/17/23 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			03/26/23 17:51	1
Acrylonitrile	5.5	U	20	5.5	ug/L			03/26/23 17:51	1
Benzene	0.27	U	1.0	0.27	ug/L			03/26/23 17:51	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			03/26/23 17:51	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			03/26/23 17:51	1
Bromoform	0.59	U *+	1.0	0.59	ug/L			03/26/23 17:51	1
Bromomethane	3.7	U	5.0	3.7	ug/L			03/26/23 17:51	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			03/26/23 17:51	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			03/26/23 17:51	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			03/26/23 17:51	1
Chlorobenzene	**1.7**		1.0	0.15	ug/L			03/26/23 17:51	1
Chloroethane	4.6	U	5.0	4.6	ug/L			03/26/23 17:51	1
Chloroform	0.27	U	1.0	0.27	ug/L			03/26/23 17:51	1
Chloromethane	0.54	U	1.0	0.54	ug/L			03/26/23 17:51	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			03/26/23 17:51	1
1,2-Dibromo-3-Chloropropane	1.8	U *+	5.0	1.8	ug/L			03/26/23 17:51	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			03/26/23 17:51	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			03/26/23 17:51	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			03/26/23 17:51	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			03/26/23 17:51	1
trans-1,4-Dichloro-2-butene	1.3	U *+	2.0	1.3	ug/L			03/26/23 17:51	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			03/26/23 17:51	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			03/26/23 17:51	1
cis-1,2-Dichloroethene	**22**		1.0	0.25	ug/L			03/26/23 17:51	1
trans-1,2-Dichloroethene	**0.85**	**J**	1.0	0.34	ug/L			03/26/23 17:51	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			03/26/23 17:51	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			03/26/23 17:51	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/26/23 17:51	1

Client Sample ID: CWM-183-MW22

Lab Sample ID: 680-232164-7

Date Collected: 03/14/23 14:20

Matrix: Water

Date Received: 03/17/23 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			03/26/23 17:51	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			03/26/23 17:51	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			03/26/23 17:51	1
2-Hexanone	3.2	U	10	3.2	ug/L			03/26/23 17:51	1
Iodomethane	3.9	U *+	10	3.9	ug/L			03/26/23 17:51	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			03/26/23 17:51	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			03/26/23 17:51	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			03/26/23 17:51	1
Styrene	0.27	U	1.0	0.27	ug/L			03/26/23 17:51	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			03/26/23 17:51	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			03/26/23 17:51	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			03/26/23 17:51	1
Toluene	0.25	U	1.0	0.25	ug/L			03/26/23 17:51	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			03/26/23 17:51	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			03/26/23 17:51	1
Trichloroethene	**17**		1.0	0.20	ug/L			03/26/23 17:51	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			03/26/23 17:51	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			03/26/23 17:51	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			03/26/23 17:51	1
Vinyl chloride	**5.2**		1.0	0.40	ug/L			03/26/23 17:51	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			03/26/23 17:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*70 - 130*		*03/26/23 17:51*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*60 - 124*		*03/26/23 17:51*	*1*
Dibromofluoromethane (Surr)	*110*		*70 - 130*		*03/26/23 17:51*	*1*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*		*03/26/23 17:51*	*1*

Client Sample ID: CWM-183-MW31

Lab Sample ID: 680-232164-8

Date Collected: 03/13/23 16:00

Matrix: Water

Date Received: 03/17/23 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			03/24/23 17:44	1
Acrylonitrile	5.5	U	20	5.5	ug/L			03/24/23 17:44	1
Benzene	0.27	U	1.0	0.27	ug/L			03/24/23 17:44	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			03/24/23 17:44	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			03/24/23 17:44	1
Bromoform	0.59	U	1.0	0.59	ug/L			03/24/23 17:44	1
Bromomethane	3.7	U	5.0	3.7	ug/L			03/24/23 17:44	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			03/24/23 17:44	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			03/24/23 17:44	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			03/24/23 17:44	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			03/24/23 17:44	1
Chloroethane	4.6	U	5.0	4.6	ug/L			03/24/23 17:44	1
Chloroform	0.27	U	1.0	0.27	ug/L			03/24/23 17:44	1
Chloromethane	0.54	U	1.0	0.54	ug/L			03/24/23 17:44	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			03/24/23 17:44	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			03/24/23 17:44	1

Client Sample ID: CWM-183-MW31

Lab Sample ID: 680-232164-8

Date Collected: 03/13/23 16:00

Matrix: Water

Date Received: 03/17/23 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			03/24/23 17:44	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			03/24/23 17:44	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			03/24/23 17:44	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			03/24/23 17:44	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			03/24/23 17:44	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			03/24/23 17:44	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			03/24/23 17:44	1
cis-1,2-Dichloroethene	0.25	U	1.0	0.25	ug/L			03/24/23 17:44	1
trans-1,2-Dichloroethene	0.34	U	1.0	0.34	ug/L			03/24/23 17:44	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			03/24/23 17:44	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			03/24/23 17:44	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/24/23 17:44	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			03/24/23 17:44	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			03/24/23 17:44	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			03/24/23 17:44	1
2-Hexanone	3.2	U	10	3.2	ug/L			03/24/23 17:44	1
Iodomethane	3.9	U	10	3.9	ug/L			03/24/23 17:44	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			03/24/23 17:44	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			03/24/23 17:44	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			03/24/23 17:44	1
Styrene	0.27	U	1.0	0.27	ug/L			03/24/23 17:44	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			03/24/23 17:44	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			03/24/23 17:44	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			03/24/23 17:44	1
Toluene	0.25	U	1.0	0.25	ug/L			03/24/23 17:44	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			03/24/23 17:44	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			03/24/23 17:44	1
Trichloroethene	0.20	U	1.0	0.20	ug/L			03/24/23 17:44	1
Trichlorofluoromethane	0.33	U *+	1.0	0.33	ug/L			03/24/23 17:44	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			03/24/23 17:44	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			03/24/23 17:44	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			03/24/23 17:44	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			03/24/23 17:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*110*		*70 - 130*		*03/24/23 17:44*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*60 - 124*		*03/24/23 17:44*	*1*
Dibromofluoromethane (Surr)	*110*		*70 - 130*		*03/24/23 17:44*	*1*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*		*03/24/23 17:44*	*1*

Client Sample ID: CWM-183-MW08

Lab Sample ID: 680-232164-9

Date Collected: 03/14/23 10:30

Matrix: Water

Date Received: 03/17/23 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			03/26/23 18:10	1
Acrylonitrile	5.5	U	20	5.5	ug/L			03/26/23 18:10	1
Benzene	0.27	U	1.0	0.27	ug/L			03/26/23 18:10	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			03/26/23 18:10	1

Client Sample ID: CWM-183-MW08
Date Collected: 03/14/23 10:30
Date Received: 03/17/23 10:30

Lab Sample ID: 680-232164-9
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			03/26/23 18:10	1
Bromoform	0.59	U *+	1.0	0.59	ug/L			03/26/23 18:10	1
Bromomethane	3.7	U	5.0	3.7	ug/L			03/26/23 18:10	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			03/26/23 18:10	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			03/26/23 18:10	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			03/26/23 18:10	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			03/26/23 18:10	1
Chloroethane	4.6	U	5.0	4.6	ug/L			03/26/23 18:10	1
Chloroform	0.27	U	1.0	0.27	ug/L			03/26/23 18:10	1
Chloromethane	0.54	U	1.0	0.54	ug/L			03/26/23 18:10	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			03/26/23 18:10	1
1,2-Dibromo-3-Chloropropane	1.8	U *+	5.0	1.8	ug/L			03/26/23 18:10	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			03/26/23 18:10	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			03/26/23 18:10	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			03/26/23 18:10	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			03/26/23 18:10	1
trans-1,4-Dichloro-2-butene	1.3	U *+	2.0	1.3	ug/L			03/26/23 18:10	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			03/26/23 18:10	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			03/26/23 18:10	1
cis-1,2-Dichloroethene	**3.5**		1.0	0.25	ug/L			03/26/23 18:10	1
trans-1,2-Dichloroethene	0.34	U	1.0	0.34	ug/L			03/26/23 18:10	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			03/26/23 18:10	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			03/26/23 18:10	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/26/23 18:10	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			03/26/23 18:10	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			03/26/23 18:10	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			03/26/23 18:10	1
2-Hexanone	3.2	U	10	3.2	ug/L			03/26/23 18:10	1
Iodomethane	3.9	U *+	10	3.9	ug/L			03/26/23 18:10	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			03/26/23 18:10	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			03/26/23 18:10	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			03/26/23 18:10	1
Styrene	0.27	U	1.0	0.27	ug/L			03/26/23 18:10	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			03/26/23 18:10	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			03/26/23 18:10	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			03/26/23 18:10	1
Toluene	0.25	U	1.0	0.25	ug/L			03/26/23 18:10	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			03/26/23 18:10	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			03/26/23 18:10	1
Trichloroethene	**3.1**		1.0	0.20	ug/L			03/26/23 18:10	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			03/26/23 18:10	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			03/26/23 18:10	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			03/26/23 18:10	1
Vinyl chloride	**0.77**	**J**	1.0	0.40	ug/L			03/26/23 18:10	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			03/26/23 18:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*70 - 130*		*03/26/23 18:10*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*60 - 124*		*03/26/23 18:10*	*1*
Dibromofluoromethane (Surr)	*114*		*70 - 130*		*03/26/23 18:10*	*1*

Client Sample ID: CWM-183-MW08

Lab Sample ID: 680-232164-9

Date Collected: 03/14/23 10:30

Matrix: Water

Date Received: 03/17/23 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*		*03/26/23 18:10*	*1*

Client Sample ID: DUP412

Lab Sample ID: 680-232164-10

Date Collected: 03/15/23 00:00

Matrix: Water

Date Received: 03/17/23 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			03/23/23 17:10	1
Acrylonitrile	5.5	U	20	5.5	ug/L			03/23/23 17:10	1
Benzene	0.27	U	1.0	0.27	ug/L			03/23/23 17:10	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			03/23/23 17:10	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			03/23/23 17:10	1
Bromoform	0.59	U	1.0	0.59	ug/L			03/23/23 17:10	1
Bromomethane	3.7	U	5.0	3.7	ug/L			03/23/23 17:10	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			03/23/23 17:10	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			03/23/23 17:10	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			03/23/23 17:10	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			03/23/23 17:10	1
Chloroethane	4.6	U *+	5.0	4.6	ug/L			03/23/23 17:10	1
Chloroform	0.27	U	1.0	0.27	ug/L			03/23/23 17:10	1
Chloromethane	0.54	U	1.0	0.54	ug/L			03/23/23 17:10	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			03/23/23 17:10	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			03/23/23 17:10	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			03/23/23 17:10	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			03/23/23 17:10	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			03/23/23 17:10	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			03/23/23 17:10	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			03/23/23 17:10	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			03/23/23 17:10	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			03/23/23 17:10	1
cis-1,2-Dichloroethene	**0.54**	**J**	1.0	0.25	ug/L			03/23/23 17:10	1
trans-1,2-Dichloroethene	0.34	U	1.0	0.34	ug/L			03/23/23 17:10	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			03/23/23 17:10	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			03/23/23 17:10	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/23/23 17:10	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			03/23/23 17:10	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			03/23/23 17:10	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			03/23/23 17:10	1
2-Hexanone	3.2	U	10	3.2	ug/L			03/23/23 17:10	1
Iodomethane	3.9	U	10	3.9	ug/L			03/23/23 17:10	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			03/23/23 17:10	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			03/23/23 17:10	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			03/23/23 17:10	1
Styrene	0.27	U	1.0	0.27	ug/L			03/23/23 17:10	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			03/23/23 17:10	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			03/23/23 17:10	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			03/23/23 17:10	1
Toluene	0.25	U	1.0	0.25	ug/L			03/23/23 17:10	1

Client Sample ID: DUP412

Date Collected: 03/15/23 00:00
Date Received: 03/17/23 10:30

Lab Sample ID: 680-232164-10
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			03/23/23 17:10	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			03/23/23 17:10	1
Trichloroethene	**5.8**		1.0	0.20	ug/L			03/23/23 17:10	1
Trichlorofluoromethane	0.33	U *+	1.0	0.33	ug/L			03/23/23 17:10	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			03/23/23 17:10	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			03/23/23 17:10	1
Vinyl chloride	**0.94**	**J**	1.0	0.40	ug/L			03/23/23 17:10	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			03/23/23 17:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*109*		*70 - 130*		*03/23/23 17:10*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*60 - 124*		*03/23/23 17:10*	*1*
Dibromofluoromethane (Surr)	*110*		*70 - 130*		*03/23/23 17:10*	*1*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*		*03/23/23 17:10*	*1*

Client Sample ID: DUP413

Date Collected: 03/14/23 00:00
Date Received: 03/17/23 10:30

Lab Sample ID: 680-232164-11
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			03/23/23 17:29	1
Acrylonitrile	5.5	U	20	5.5	ug/L			03/23/23 17:29	1
Benzene	0.27	U	1.0	0.27	ug/L			03/23/23 17:29	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			03/23/23 17:29	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			03/23/23 17:29	1
Bromoform	0.59	U	1.0	0.59	ug/L			03/23/23 17:29	1
Bromomethane	3.7	U	5.0	3.7	ug/L			03/23/23 17:29	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			03/23/23 17:29	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			03/23/23 17:29	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			03/23/23 17:29	1
Chlorobenzene	**1.3**		1.0	0.15	ug/L			03/23/23 17:29	1
Chloroethane	4.6	U *+	5.0	4.6	ug/L			03/23/23 17:29	1
Chloroform	0.27	U	1.0	0.27	ug/L			03/23/23 17:29	1
Chloromethane	0.54	U	1.0	0.54	ug/L			03/23/23 17:29	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			03/23/23 17:29	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			03/23/23 17:29	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			03/23/23 17:29	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			03/23/23 17:29	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			03/23/23 17:29	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			03/23/23 17:29	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			03/23/23 17:29	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			03/23/23 17:29	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			03/23/23 17:29	1
cis-1,2-Dichloroethene	**6.1**		1.0	0.25	ug/L			03/23/23 17:29	1
trans-1,2-Dichloroethene	**0.75**	**J**	1.0	0.34	ug/L			03/23/23 17:29	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			03/23/23 17:29	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			03/23/23 17:29	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/23/23 17:29	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			03/23/23 17:29	1

Client Sample ID: DUP413

Lab Sample ID: 680-232164-11

Date Collected: 03/14/23 00:00

Matrix: Water

Date Received: 03/17/23 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			03/23/23 17:29	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			03/23/23 17:29	1
2-Hexanone	3.2	U	10	3.2	ug/L			03/23/23 17:29	1
Iodomethane	3.9	U	10	3.9	ug/L			03/23/23 17:29	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			03/23/23 17:29	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			03/23/23 17:29	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			03/23/23 17:29	1
Styrene	0.27	U	1.0	0.27	ug/L			03/23/23 17:29	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			03/23/23 17:29	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			03/23/23 17:29	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			03/23/23 17:29	1
Toluene	0.25	U	1.0	0.25	ug/L			03/23/23 17:29	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			03/23/23 17:29	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			03/23/23 17:29	1
Trichloroethene	**7.3**		1.0	0.20	ug/L			03/23/23 17:29	1
Trichlorofluoromethane	0.33	U *+	1.0	0.33	ug/L			03/23/23 17:29	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			03/23/23 17:29	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			03/23/23 17:29	1
Vinyl chloride	**6.6**		1.0	0.40	ug/L			03/23/23 17:29	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			03/23/23 17:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*109*		*70 - 130*		*03/23/23 17:29*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*60 - 124*		*03/23/23 17:29*	*1*
Dibromofluoromethane (Surr)	*111*		*70 - 130*		*03/23/23 17:29*	*1*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*		*03/23/23 17:29*	*1*

Client Sample ID: CWM-183-MW20

Lab Sample ID: 680-232164-12

Date Collected: 03/15/23 11:35

Matrix: Water

Date Received: 03/17/23 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			03/23/23 20:56	1
Acrylonitrile	5.5	U	20	5.5	ug/L			03/23/23 20:56	1
Benzene	0.27	U	1.0	0.27	ug/L			03/23/23 20:56	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			03/23/23 20:56	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			03/23/23 20:56	1
Bromoform	0.59	U	1.0	0.59	ug/L			03/23/23 20:56	1
Bromomethane	3.7	U	5.0	3.7	ug/L			03/23/23 20:56	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			03/23/23 20:56	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			03/23/23 20:56	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			03/23/23 20:56	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			03/23/23 20:56	1
Chloroethane	4.6	U	5.0	4.6	ug/L			03/23/23 20:56	1
Chloroform	**0.34**	**J**	1.0	0.27	ug/L			03/23/23 20:56	1
Chloromethane	0.54	U	1.0	0.54	ug/L			03/23/23 20:56	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			03/23/23 20:56	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			03/23/23 20:56	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			03/23/23 20:56	1

Client: Matrix Environmental Services, LLC
Project/Site: McClellan, Anniston, Alabama

Job ID: 680-232164-1

Client Sample ID: CWM-183-MW20
Date Collected: 03/15/23 11:35
Date Received: 03/17/23 10:30

Lab Sample ID: 680-232164-12
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	0.34	U	1.0	0.34	ug/L			03/23/23 20:56	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			03/23/23 20:56	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			03/23/23 20:56	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			03/23/23 20:56	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			03/23/23 20:56	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			03/23/23 20:56	1
cis-1,2-Dichloroethene	**170**		1.0	0.25	ug/L			03/23/23 20:56	1
trans-1,2-Dichloroethene	**5.5**		1.0	0.34	ug/L			03/23/23 20:56	1
1,1-Dichloroethene	**7.1**		1.0	0.33	ug/L			03/23/23 20:56	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			03/23/23 20:56	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/23/23 20:56	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			03/23/23 20:56	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			03/23/23 20:56	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			03/23/23 20:56	1
2-Hexanone	3.2	U	10	3.2	ug/L			03/23/23 20:56	1
Iodomethane	3.9	U	10	3.9	ug/L			03/23/23 20:56	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			03/23/23 20:56	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			03/23/23 20:56	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			03/23/23 20:56	1
Styrene	0.27	U	1.0	0.27	ug/L			03/23/23 20:56	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			03/23/23 20:56	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			03/23/23 20:56	1
Tetrachloroethylene	**6.1**		0.50	0.35	ug/L			03/23/23 20:56	1
Toluene	0.25	U	1.0	0.25	ug/L			03/23/23 20:56	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			03/23/23 20:56	1
1,1,2-Trichloroethane	**0.42**	**J**	1.0	0.32	ug/L			03/23/23 20:56	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			03/23/23 20:56	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			03/23/23 20:56	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			03/23/23 20:56	1
Vinyl chloride	**66**		1.0	0.40	ug/L			03/23/23 20:56	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			03/23/23 20:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*70 - 130*		*03/23/23 20:56*	*1*
1,2-Dichloroethane-d4 (Surr)	*88*		*60 - 124*		*03/23/23 20:56*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*03/23/23 20:56*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*03/23/23 20:56*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	**490**		10	2.0	ug/L			03/26/23 21:00	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*105*		*70 - 130*		*03/26/23 21:00*	*10*
1,2-Dichloroethane-d4 (Surr)	*106*		*60 - 124*		*03/26/23 21:00*	*10*
Dibromofluoromethane (Surr)	*104*		*70 - 130*		*03/26/23 21:00*	*10*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*		*03/26/23 21:00*	*10*

Client Sample ID: CWM-183-MW20

Lab Sample ID: 680-232164-12

Date Collected: 03/15/23 11:35

Matrix: Water

Date Received: 03/17/23 10:30

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	27		1.1	0.30	ug/L			03/22/23 15:55	1
Ethene	37		1.0	0.31	ug/L			03/22/23 15:55	1
Methane (TCD)	1400		390	59	ug/L			03/22/23 15:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	0.50	U	1.0	0.50	mg/L			03/23/23 14:09	1
Total Organic Carbon - Quad (SW846 9060A)	0.50	U	1.0	0.50	mg/L			03/23/23 14:09	1

Client Sample ID: CWM-183-MW09

Lab Sample ID: 680-232164-13

Date Collected: 03/15/23 13:00

Matrix: Water

Date Received: 03/17/23 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			03/23/23 21:15	1
Acrylonitrile	5.5	U	20	5.5	ug/L			03/23/23 21:15	1
Benzene	0.27	U	1.0	0.27	ug/L			03/23/23 21:15	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			03/23/23 21:15	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			03/23/23 21:15	1
Bromoform	0.59	U	1.0	0.59	ug/L			03/23/23 21:15	1
Bromomethane	3.7	U	5.0	3.7	ug/L			03/23/23 21:15	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			03/23/23 21:15	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			03/23/23 21:15	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			03/23/23 21:15	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			03/23/23 21:15	1
Chloroethane	4.6	U	5.0	4.6	ug/L			03/23/23 21:15	1
Chloroform	0.27	U	1.0	0.27	ug/L			03/23/23 21:15	1
Chloromethane	0.54	U	1.0	0.54	ug/L			03/23/23 21:15	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			03/23/23 21:15	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			03/23/23 21:15	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			03/23/23 21:15	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			03/23/23 21:15	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			03/23/23 21:15	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			03/23/23 21:15	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			03/23/23 21:15	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			03/23/23 21:15	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			03/23/23 21:15	1
cis-1,2-Dichloroethene	0.25	U	1.0	0.25	ug/L			03/23/23 21:15	1
trans-1,2-Dichloroethene	0.34	U	1.0	0.34	ug/L			03/23/23 21:15	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			03/23/23 21:15	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			03/23/23 21:15	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/23/23 21:15	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			03/23/23 21:15	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			03/23/23 21:15	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			03/23/23 21:15	1
2-Hexanone	3.2	U	10	3.2	ug/L			03/23/23 21:15	1
Iodomethane	3.9	U	10	3.9	ug/L			03/23/23 21:15	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			03/23/23 21:15	1

Client Sample ID: CWM-183-MW09

Lab Sample ID: 680-232164-13

Date Collected: 03/15/23 13:00

Matrix: Water

Date Received: 03/17/23 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			03/23/23 21:15	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			03/23/23 21:15	1
Styrene	0.27	U	1.0	0.27	ug/L			03/23/23 21:15	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			03/23/23 21:15	1
1,1,2,2-Tetrachloroethane	**58**		1.0	0.40	ug/L			03/23/23 21:15	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			03/23/23 21:15	1
Toluene	0.25	U	1.0	0.25	ug/L			03/23/23 21:15	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			03/23/23 21:15	1
1,1,2-Trichloroethane	**4.3**		1.0	0.32	ug/L			03/23/23 21:15	1
Trichloroethene	**3.6**		1.0	0.20	ug/L			03/26/23 18:29	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			03/23/23 21:15	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			03/23/23 21:15	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			03/23/23 21:15	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			03/23/23 21:15	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			03/23/23 21:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*70 - 130*		*03/23/23 21:15*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*03/26/23 18:29*	*1*
1,2-Dichloroethane-d4 (Surr)	*88*		*60 - 124*		*03/23/23 21:15*	*1*
1,2-Dichloroethane-d4 (Surr)	*113*		*60 - 124*		*03/26/23 18:29*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*03/23/23 21:15*	*1*
Dibromofluoromethane (Surr)	*112*		*70 - 130*		*03/26/23 18:29*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*03/23/23 21:15*	*1*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*		*03/26/23 18:29*	*1*

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	0.30	U	1.1	0.30	ug/L			03/22/23 16:08	1
Ethene	0.31	U	1.0	0.31	ug/L			03/22/23 16:08	1
Methane	**2.3**		0.58	0.57	ug/L			03/22/23 16:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	**2.3**		1.0	0.50	mg/L			03/23/23 14:31	1
Total Organic Carbon - Quad (SW846 9060A)	**2.3**		1.0	0.50	mg/L			03/23/23 14:31	1

Client Sample ID: TB609

Lab Sample ID: 680-232164-14

Date Collected: 03/16/23 08:30

Matrix: Water

Date Received: 03/17/23 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			03/23/23 15:35	1
Acrylonitrile	5.5	U	20	5.5	ug/L			03/23/23 15:35	1
Benzene	0.27	U	1.0	0.27	ug/L			03/23/23 15:35	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			03/23/23 15:35	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			03/23/23 15:35	1
Bromoform	0.59	U	1.0	0.59	ug/L			03/23/23 15:35	1

Client: Matrix Environmental Services, LLC
Project/Site: McClellan, Anniston, Alabama

Job ID: 680-232164-1

Client Sample ID: TB609
Date Collected: 03/16/23 08:30
Date Received: 03/17/23 10:30

Lab Sample ID: 680-232164-14
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	3.7	U	5.0	3.7	ug/L			03/23/23 15:35	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			03/23/23 15:35	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			03/23/23 15:35	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			03/23/23 15:35	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			03/23/23 15:35	1
Chloroethane	4.6	U	5.0	4.6	ug/L			03/23/23 15:35	1
Chloroform	0.27	U	1.0	0.27	ug/L			03/23/23 15:35	1
Chloromethane	0.54	U	1.0	0.54	ug/L			03/23/23 15:35	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			03/23/23 15:35	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			03/23/23 15:35	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			03/23/23 15:35	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			03/23/23 15:35	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			03/23/23 15:35	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			03/23/23 15:35	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			03/23/23 15:35	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			03/23/23 15:35	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			03/23/23 15:35	1
cis-1,2-Dichloroethene	0.25	U	1.0	0.25	ug/L			03/23/23 15:35	1
trans-1,2-Dichloroethene	0.34	U	1.0	0.34	ug/L			03/23/23 15:35	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			03/23/23 15:35	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			03/23/23 15:35	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/23/23 15:35	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			03/23/23 15:35	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			03/23/23 15:35	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			03/23/23 15:35	1
2-Hexanone	3.2	U	10	3.2	ug/L			03/23/23 15:35	1
Iodomethane	3.9	U	10	3.9	ug/L			03/23/23 15:35	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			03/23/23 15:35	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			03/23/23 15:35	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			03/23/23 15:35	1
Styrene	0.27	U	1.0	0.27	ug/L			03/23/23 15:35	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			03/23/23 15:35	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			03/23/23 15:35	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			03/23/23 15:35	1
Toluene	0.25	U	1.0	0.25	ug/L			03/23/23 15:35	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			03/23/23 15:35	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			03/23/23 15:35	1
Trichloroethene	0.20	U	1.0	0.20	ug/L			03/23/23 15:35	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			03/23/23 15:35	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			03/23/23 15:35	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			03/23/23 15:35	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			03/23/23 15:35	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			03/23/23 15:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*105*		*70 - 130*		*03/23/23 15:35*	*1*
1,2-Dichloroethane-d4 (Surr)	*88*		*60 - 124*		*03/23/23 15:35*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*03/23/23 15:35*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*03/23/23 15:35*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 680-769205/9
Matrix: Water
Analysis Batch: 769205

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			03/23/23 14:34	1
Acrylonitrile	5.5	U	20	5.5	ug/L			03/23/23 14:34	1
Benzene	0.27	U	1.0	0.27	ug/L			03/23/23 14:34	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			03/23/23 14:34	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			03/23/23 14:34	1
Bromoform	0.59	U	1.0	0.59	ug/L			03/23/23 14:34	1
Bromomethane	3.7	U	5.0	3.7	ug/L			03/23/23 14:34	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			03/23/23 14:34	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			03/23/23 14:34	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			03/23/23 14:34	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			03/23/23 14:34	1
Chloroethane	4.6	U	5.0	4.6	ug/L			03/23/23 14:34	1
Chloroform	0.27	U	1.0	0.27	ug/L			03/23/23 14:34	1
Chloromethane	0.54	U	1.0	0.54	ug/L			03/23/23 14:34	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			03/23/23 14:34	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			03/23/23 14:34	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			03/23/23 14:34	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			03/23/23 14:34	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			03/23/23 14:34	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			03/23/23 14:34	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			03/23/23 14:34	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			03/23/23 14:34	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			03/23/23 14:34	1
cis-1,2-Dichloroethene	0.25	U	1.0	0.25	ug/L			03/23/23 14:34	1
trans-1,2-Dichloroethene	0.34	U	1.0	0.34	ug/L			03/23/23 14:34	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			03/23/23 14:34	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			03/23/23 14:34	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/23/23 14:34	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			03/23/23 14:34	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			03/23/23 14:34	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			03/23/23 14:34	1
2-Hexanone	3.2	U	10	3.2	ug/L			03/23/23 14:34	1
Iodomethane	3.9	U	10	3.9	ug/L			03/23/23 14:34	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			03/23/23 14:34	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			03/23/23 14:34	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			03/23/23 14:34	1
Styrene	0.27	U	1.0	0.27	ug/L			03/23/23 14:34	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			03/23/23 14:34	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			03/23/23 14:34	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			03/23/23 14:34	1
Toluene	0.25	U	1.0	0.25	ug/L			03/23/23 14:34	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			03/23/23 14:34	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			03/23/23 14:34	1
Trichloroethene	0.20	U	1.0	0.20	ug/L			03/23/23 14:34	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			03/23/23 14:34	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			03/23/23 14:34	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			03/23/23 14:34	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			03/23/23 14:34	1

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

Lab Sample ID: MB 680-769205/9
Matrix: Water
Analysis Batch: 769205

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	0.23	U	1.0	0.23	ug/L			03/23/23 14:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*110*		*70 - 130*		*03/23/23 14:34*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*60 - 124*		*03/23/23 14:34*	*1*
Dibromofluoromethane (Surr)	*110*		*70 - 130*		*03/23/23 14:34*	*1*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*		*03/23/23 14:34*	*1*

Lab Sample ID: LCS 680-769205/5
Matrix: Water
Analysis Batch: 769205

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	250	212		ug/L		85	67 - 120
Acrylonitrile	500	438		ug/L		88	70 - 130
Benzene	50.0	50.8		ug/L		102	70 - 130
Bromochloromethane	50.0	47.4		ug/L		95	70 - 130
Bromodichloromethane	50.0	48.6		ug/L		97	70 - 130
Bromoform	50.0	47.3		ug/L		95	69 - 129
Bromomethane	50.0	60.3		ug/L		121	28 - 192
2-Butanone (MEK)	250	191		ug/L		76	69 - 120
Carbon disulfide	50.0	50.3		ug/L		101	70 - 130
Carbon tetrachloride	50.0	49.9		ug/L		100	70 - 130
Chlorobenzene	50.0	53.7		ug/L		107	70 - 130
Chloroethane	50.0	118	*+	ug/L		237	31 - 213
Chloroform	50.0	50.0		ug/L		100	70 - 130
Chloromethane	50.0	43.8		ug/L		88	59 - 127
Dibromochloromethane	50.0	48.8		ug/L		98	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	48.6		ug/L		97	70 - 130
1,2-Dibromoethane	50.0	48.4		ug/L		97	70 - 130
Dibromomethane	50.0	48.7		ug/L		97	70 - 130
1,2-Dichlorobenzene	50.0	53.2		ug/L		106	70 - 130
1,4-Dichlorobenzene	50.0	52.4		ug/L		105	70 - 130
trans-1,4-Dichloro-2-butene	50.0	42.0		ug/L		84	67 - 120
1,1-Dichloroethane	50.0	50.8		ug/L		102	70 - 130
1,2-Dichloroethane	50.0	47.0		ug/L		94	70 - 130
cis-1,2-Dichloroethene	50.0	52.1		ug/L		104	70 - 130
trans-1,2-Dichloroethene	50.0	51.4		ug/L		103	70 - 130
1,1-Dichloroethene	50.0	51.2		ug/L		102	70 - 130
1,2-Dichloropropane	50.0	49.7		ug/L		99	70 - 130
1,3-Dichloropropane	50.0	49.0		ug/L		98	70 - 130
cis-1,3-Dichloropropene	50.0	51.6		ug/L		103	70 - 130
trans-1,3-Dichloropropene	50.0	48.0		ug/L		96	70 - 130
Ethylbenzene	50.0	54.4		ug/L		109	70 - 130
2-Hexanone	250	194		ug/L		78	70 - 130
Iodomethane	50.0	51.4		ug/L		103	52 - 129
Methylene Chloride	50.0	49.6		ug/L		99	70 - 130
4-Methyl-2-pentanone (MIBK)	250	200		ug/L		80	68 - 120

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

Lab Sample ID: LCS 680-769205/5
Matrix: Water
Analysis Batch: 769205

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methyl tert-butyl ether	50.0	45.8		ug/L		92	70 - 130
Styrene	50.0	56.0		ug/L		112	70 - 130
1,1,1,2-Tetrachloroethane	50.0	52.2		ug/L		104	70 - 130
1,1,2,2-Tetrachloroethane	50.0	44.2		ug/L		88	70 - 130
Tetrachloroethylene	50.0	48.6		ug/L		97	70 - 130
Toluene	50.0	50.9		ug/L		102	70 - 130
1,1,1-Trichloroethane	50.0	49.8		ug/L		100	70 - 130
1,1,2-Trichloroethane	50.0	46.7		ug/L		93	70 - 130
Trichloroethene	50.0	50.5		ug/L		101	70 - 130
Trichlorofluoromethane	50.0	159	E *+	ug/L		317	63 - 142
1,2,3-Trichloropropane	50.0	46.1		ug/L		92	70 - 130
Vinyl acetate	100	93.7		ug/L		94	67 - 135
Vinyl chloride	50.0	47.6		ug/L		95	66 - 129
Xylenes, Total	100	110		ug/L		110	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*101*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*93*		*60 - 124*
Dibromofluoromethane (Surr)	*103*		*70 - 130*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: LCSD 680-769205/6
Matrix: Water
Analysis Batch: 769205

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	250	219		ug/L		88	67 - 120	3	30
Acrylonitrile	500	456		ug/L		91	70 - 130	4	30
Benzene	50.0	51.0		ug/L		102	70 - 130	0	30
Bromochloromethane	50.0	47.8		ug/L		96	70 - 130	1	30
Bromodichloromethane	50.0	48.8		ug/L		98	70 - 130	0	30
Bromoform	50.0	47.9		ug/L		96	69 - 129	1	30
Bromomethane	50.0	60.9		ug/L		122	28 - 192	1	30
2-Butanone (MEK)	250	198		ug/L		79	69 - 120	3	30
Carbon disulfide	50.0	50.1		ug/L		100	70 - 130	0	30
Carbon tetrachloride	50.0	49.8		ug/L		100	70 - 130	0	30
Chlorobenzene	50.0	52.7		ug/L		105	70 - 130	2	30
Chloroethane	50.0	114	*+	ug/L		229	31 - 213	3	30
Chloroform	50.0	50.3		ug/L		101	70 - 130	1	30
Chloromethane	50.0	44.3		ug/L		89	59 - 127	1	30
Dibromochloromethane	50.0	49.1		ug/L		98	70 - 130	1	30
1,2-Dibromo-3-Chloropropane	50.0	50.7		ug/L		101	70 - 130	4	30
1,2-Dibromoethane	50.0	50.1		ug/L		100	70 - 130	3	30
Dibromomethane	50.0	49.9		ug/L		100	70 - 130	2	30
1,2-Dichlorobenzene	50.0	53.5		ug/L		107	70 - 130	1	30
1,4-Dichlorobenzene	50.0	52.9		ug/L		106	70 - 130	1	30
trans-1,4-Dichloro-2-butene	50.0	44.0		ug/L		88	67 - 120	5	30
1,1-Dichloroethane	50.0	51.1		ug/L		102	70 - 130	1	30

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

Lab Sample ID: LCSD 680-769205/6
Matrix: Water
Analysis Batch: 769205

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dichloroethane	50.0	47.4		ug/L		95	70 - 130	1	50
cis-1,2-Dichloroethene	50.0	51.9		ug/L		104	70 - 130	0	30
trans-1,2-Dichloroethene	50.0	51.9		ug/L		104	70 - 130	1	30
1,1-Dichloroethene	50.0	50.9		ug/L		102	70 - 130	1	20
1,2-Dichloropropane	50.0	49.8		ug/L		100	70 - 130	0	20
1,3-Dichloropropane	50.0	49.7		ug/L		99	70 - 130	1	20
cis-1,3-Dichloropropene	50.0	51.7		ug/L		103	70 - 130	0	20
trans-1,3-Dichloropropene	50.0	49.0		ug/L		98	70 - 130	2	30
Ethylbenzene	50.0	54.1		ug/L		108	70 - 130	1	20
2-Hexanone	250	203		ug/L		81	70 - 130	5	20
Iodomethane	50.0	50.9		ug/L		102	52 - 129	1	30
Methylene Chloride	50.0	51.6		ug/L		103	70 - 130	4	30
4-Methyl-2-pentanone (MIBK)	250	209		ug/L		83	68 - 120	4	30
Methyl tert-butyl ether	50.0	47.0		ug/L		94	70 - 130	3	30
Styrene	50.0	55.6		ug/L		111	70 - 130	1	30
1,1,1,2-Tetrachloroethane	50.0	51.2		ug/L		102	70 - 130	2	30
1,1,2,2-Tetrachloroethane	50.0	44.9		ug/L		90	70 - 130	2	30
Tetrachloroethylene	50.0	48.6		ug/L		97	70 - 130	0	30
Toluene	50.0	51.7		ug/L		103	70 - 130	2	30
1,1,1-Trichloroethane	50.0	49.3		ug/L		99	70 - 130	1	30
1,1,2-Trichloroethane	50.0	48.5		ug/L		97	70 - 130	4	30
Trichloroethene	50.0	49.9		ug/L		100	70 - 130	1	30
Trichlorofluoromethane	50.0	157	E *+	ug/L		315	63 - 142	1	30
1,2,3-Trichloropropane	50.0	46.6		ug/L		93	70 - 130	1	30
Vinyl acetate	100	95.4		ug/L		95	67 - 135	2	30
Vinyl chloride	50.0	47.8		ug/L		96	66 - 129	0	30
Xylenes, Total	100	108		ug/L		108	70 - 130	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*102*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*94*		*60 - 124*
Dibromofluoromethane (Surr)	*102*		*70 - 130*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*

Lab Sample ID: MB 680-769215/9
Matrix: Water
Analysis Batch: 769215

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			03/23/23 14:35	1
Acrylonitrile	5.5	U	20	5.5	ug/L			03/23/23 14:35	1
Benzene	0.27	U	1.0	0.27	ug/L			03/23/23 14:35	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			03/23/23 14:35	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			03/23/23 14:35	1
Bromoform	0.59	U	1.0	0.59	ug/L			03/23/23 14:35	1
Bromomethane	3.7	U	5.0	3.7	ug/L			03/23/23 14:35	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			03/23/23 14:35	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			03/23/23 14:35	1

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

Lab Sample ID: MB 680-769215/9
Matrix: Water
Analysis Batch: 769215

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			03/23/23 14:35	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			03/23/23 14:35	1
Chloroethane	4.6	U	5.0	4.6	ug/L			03/23/23 14:35	1
Chloroform	0.27	U	1.0	0.27	ug/L			03/23/23 14:35	1
Chloromethane	0.54	U	1.0	0.54	ug/L			03/23/23 14:35	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			03/23/23 14:35	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			03/23/23 14:35	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			03/23/23 14:35	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			03/23/23 14:35	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			03/23/23 14:35	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			03/23/23 14:35	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			03/23/23 14:35	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			03/23/23 14:35	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			03/23/23 14:35	1
cis-1,2-Dichloroethene	0.25	U	1.0	0.25	ug/L			03/23/23 14:35	1
trans-1,2-Dichloroethene	0.34	U	1.0	0.34	ug/L			03/23/23 14:35	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			03/23/23 14:35	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			03/23/23 14:35	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/23/23 14:35	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			03/23/23 14:35	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			03/23/23 14:35	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			03/23/23 14:35	1
2-Hexanone	3.2	U	10	3.2	ug/L			03/23/23 14:35	1
Iodomethane	3.9	U	10	3.9	ug/L			03/23/23 14:35	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			03/23/23 14:35	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			03/23/23 14:35	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			03/23/23 14:35	1
Styrene	0.27	U	1.0	0.27	ug/L			03/23/23 14:35	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			03/23/23 14:35	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			03/23/23 14:35	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			03/23/23 14:35	1
Toluene	0.25	U	1.0	0.25	ug/L			03/23/23 14:35	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			03/23/23 14:35	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			03/23/23 14:35	1
Trichloroethene	0.20	U	1.0	0.20	ug/L			03/23/23 14:35	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			03/23/23 14:35	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			03/23/23 14:35	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			03/23/23 14:35	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			03/23/23 14:35	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			03/23/23 14:35	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*105*		*70 - 130*		*03/23/23 14:35*	*1*
1,2-Dichloroethane-d4 (Surr)	*89*		*60 - 124*		*03/23/23 14:35*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*03/23/23 14:35*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*03/23/23 14:35*	*1*

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

Lab Sample ID: LCS 680-769215/5
Matrix: Water
Analysis Batch: 769215

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	250	209		ug/L		84	67 - 120
Acrylonitrile	500	445		ug/L		89	70 - 130
Benzene	50.0	50.4		ug/L		101	70 - 130
Bromochloromethane	50.0	50.2		ug/L		100	70 - 130
Bromodichloromethane	50.0	48.5		ug/L		97	70 - 130
Bromoform	50.0	48.5		ug/L		97	69 - 129
Bromomethane	50.0	68.4		ug/L		137	28 - 192
2-Butanone (MEK)	250	182		ug/L		73	69 - 120
Carbon disulfide	50.0	50.0		ug/L		100	70 - 130
Carbon tetrachloride	50.0	50.6		ug/L		101	70 - 130
Chlorobenzene	50.0	52.9		ug/L		106	70 - 130
Chloroethane	50.0	91.8		ug/L		184	31 - 213
Chloroform	50.0	50.3		ug/L		101	70 - 130
Chloromethane	50.0	44.3		ug/L		89	59 - 127
Dibromochloromethane	50.0	46.2		ug/L		92	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	45.2		ug/L		90	70 - 130
1,2-Dibromoethane	50.0	48.6		ug/L		97	70 - 130
Dibromomethane	50.0	47.8		ug/L		96	70 - 130
1,2-Dichlorobenzene	50.0	51.4		ug/L		103	70 - 130
1,4-Dichlorobenzene	50.0	52.2		ug/L		104	70 - 130
trans-1,4-Dichloro-2-butene	50.0	47.0		ug/L		94	67 - 120
1,1-Dichloroethane	50.0	52.1		ug/L		104	70 - 130
1,2-Dichloroethane	50.0	49.9		ug/L		100	70 - 130
cis-1,2-Dichloroethene	50.0	51.5		ug/L		103	70 - 130
trans-1,2-Dichloroethene	50.0	50.8		ug/L		102	70 - 130
1,1-Dichloroethene	50.0	49.3		ug/L		99	70 - 130
1,2-Dichloropropane	50.0	50.7		ug/L		101	70 - 130
1,3-Dichloropropane	50.0	47.6		ug/L		95	70 - 130
cis-1,3-Dichloropropene	50.0	49.8		ug/L		100	70 - 130
trans-1,3-Dichloropropene	50.0	48.2		ug/L		96	70 - 130
Ethylbenzene	50.0	53.8		ug/L		108	70 - 130
2-Hexanone	250	232		ug/L		93	70 - 130
Iodomethane	50.0	55.0		ug/L		110	52 - 129
Methylene Chloride	50.0	50.2		ug/L		100	70 - 130
4-Methyl-2-pentanone (MIBK)	250	225		ug/L		90	68 - 120
Methyl tert-butyl ether	50.0	42.2		ug/L		84	70 - 130
Styrene	50.0	54.5		ug/L		109	70 - 130
1,1,1,2-Tetrachloroethane	50.0	51.1		ug/L		102	70 - 130
1,1,2,2-Tetrachloroethane	50.0	45.4		ug/L		91	70 - 130
Tetrachloroethylene	50.0	52.2		ug/L		104	70 - 130
Toluene	50.0	51.9		ug/L		104	70 - 130
1,1,1-Trichloroethane	50.0	49.7		ug/L		99	70 - 130
1,1,2-Trichloroethane	50.0	46.1		ug/L		92	70 - 130
Trichloroethene	50.0	49.8		ug/L		100	70 - 130
Trichlorofluoromethane	50.0	39.2		ug/L		78	63 - 142
1,2,3-Trichloropropane	50.0	46.5		ug/L		93	70 - 130
Vinyl acetate	100	96.9		ug/L		97	67 - 135
Vinyl chloride	50.0	51.0		ug/L		102	66 - 129

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

Lab Sample ID: LCS 680-769215/5
Matrix: Water
Analysis Batch: 769215

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Xylenes, Total			100	107		ug/L		107	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*102*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*97*		*60 - 124*
Dibromofluoromethane (Surr)	*100*		*70 - 130*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*

Lab Sample ID: LCSD 680-769215/6
Matrix: Water
Analysis Batch: 769215

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone			250	215		ug/L		86	67 - 120	3	30
Acrylonitrile			500	453		ug/L		91	70 - 130	2	30
Benzene			50.0	50.5		ug/L		101	70 - 130	0	30
Bromochloromethane			50.0	49.7		ug/L		99	70 - 130	1	30
Bromodichloromethane			50.0	48.9		ug/L		98	70 - 130	1	30
Bromoform			50.0	49.1		ug/L		98	69 - 129	1	30
Bromomethane			50.0	68.4		ug/L		137	28 - 192	0	30
2-Butanone (MEK)			250	190		ug/L		76	69 - 120	4	30
Carbon disulfide			50.0	49.3		ug/L		99	70 - 130	1	30
Carbon tetrachloride			50.0	51.2		ug/L		102	70 - 130	1	30
Chlorobenzene			50.0	52.5		ug/L		105	70 - 130	1	30
Chloroethane			50.0	88.1		ug/L		176	31 - 213	4	30
Chloroform			50.0	49.9		ug/L		100	70 - 130	1	30
Chloromethane			50.0	44.5		ug/L		89	59 - 127	0	30
Dibromochloromethane			50.0	47.7		ug/L		95	70 - 130	3	30
1,2-Dibromo-3-Chloropropane			50.0	45.9		ug/L		92	70 - 130	2	30
1,2-Dibromoethane			50.0	49.7		ug/L		99	70 - 130	2	30
Dibromomethane			50.0	48.5		ug/L		97	70 - 130	1	30
1,2-Dichlorobenzene			50.0	51.7		ug/L		103	70 - 130	1	30
1,4-Dichlorobenzene			50.0	52.1		ug/L		104	70 - 130	0	30
trans-1,4-Dichloro-2-butene			50.0	46.5		ug/L		93	67 - 120	1	30
1,1-Dichloroethane			50.0	52.2		ug/L		104	70 - 130	0	30
1,2-Dichloroethane			50.0	50.2		ug/L		100	70 - 130	1	50
cis-1,2-Dichloroethene			50.0	51.5		ug/L		103	70 - 130	0	30
trans-1,2-Dichloroethene			50.0	49.9		ug/L		100	70 - 130	2	30
1,1-Dichloroethene			50.0	49.1		ug/L		98	70 - 130	0	20
1,2-Dichloropropane			50.0	51.0		ug/L		102	70 - 130	1	20
1,3-Dichloropropane			50.0	49.5		ug/L		99	70 - 130	4	20
cis-1,3-Dichloropropene			50.0	51.1		ug/L		102	70 - 130	2	20
trans-1,3-Dichloropropene			50.0	49.1		ug/L		98	70 - 130	2	30
Ethylbenzene			50.0	53.7		ug/L		107	70 - 130	0	20
2-Hexanone			250	237		ug/L		95	70 - 130	2	20
Iodomethane			50.0	54.4		ug/L		109	52 - 129	1	30
Methylene Chloride			50.0	50.1		ug/L		100	70 - 130	0	30
4-Methyl-2-pentanone (MIBK)			250	232		ug/L		93	68 - 120	3	30

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

Lab Sample ID: LCSD 680-769215/6
Matrix: Water
Analysis Batch: 769215

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methyl tert-butyl ether			50.0	44.0		ug/L		88	70 - 130	4	30
Styrene			50.0	54.2		ug/L		108	70 - 130	1	30
1,1,1,2-Tetrachloroethane			50.0	51.6		ug/L		103	70 - 130	1	30
1,1,2,2-Tetrachloroethane			50.0	46.5		ug/L		93	70 - 130	2	30
Tetrachloroethylene			50.0	52.4		ug/L		105	70 - 130	0	30
Toluene			50.0	52.1		ug/L		104	70 - 130	0	30
1,1,1-Trichloroethane			50.0	50.4		ug/L		101	70 - 130	1	30
1,1,2-Trichloroethane			50.0	47.9		ug/L		96	70 - 130	4	30
Trichloroethene			50.0	50.6		ug/L		101	70 - 130	1	30
Trichlorofluoromethane			50.0	39.1		ug/L		78	63 - 142	0	30
1,2,3-Trichloropropane			50.0	47.3		ug/L		95	70 - 130	2	30
Vinyl acetate			100	99.2		ug/L		99	67 - 135	2	30
Vinyl chloride			50.0	51.2		ug/L		102	66 - 129	0	30
Xylenes, Total			100	107		ug/L		107	70 - 130	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*102*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*98*		*60 - 124*
Dibromofluoromethane (Surr)	*101*		*70 - 130*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: MB 680-769425/9
Matrix: Water
Analysis Batch: 769425

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			03/24/23 14:10	1
Acrylonitrile	5.5	U	20	5.5	ug/L			03/24/23 14:10	1
Benzene	0.27	U	1.0	0.27	ug/L			03/24/23 14:10	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			03/24/23 14:10	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			03/24/23 14:10	1
Bromoform	0.59	U	1.0	0.59	ug/L			03/24/23 14:10	1
Bromomethane	3.7	U	5.0	3.7	ug/L			03/24/23 14:10	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			03/24/23 14:10	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			03/24/23 14:10	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			03/24/23 14:10	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			03/24/23 14:10	1
Chloroethane	4.6	U	5.0	4.6	ug/L			03/24/23 14:10	1
Chloroform	0.27	U	1.0	0.27	ug/L			03/24/23 14:10	1
Chloromethane	0.54	U	1.0	0.54	ug/L			03/24/23 14:10	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			03/24/23 14:10	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			03/24/23 14:10	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			03/24/23 14:10	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			03/24/23 14:10	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			03/24/23 14:10	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			03/24/23 14:10	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			03/24/23 14:10	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			03/24/23 14:10	1

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

Lab Sample ID: MB 680-769425/9
Matrix: Water
Analysis Batch: 769425

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			03/24/23 14:10	1
cis-1,2-Dichloroethene	0.25	U	1.0	0.25	ug/L			03/24/23 14:10	1
trans-1,2-Dichloroethene	0.34	U	1.0	0.34	ug/L			03/24/23 14:10	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			03/24/23 14:10	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			03/24/23 14:10	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/24/23 14:10	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			03/24/23 14:10	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			03/24/23 14:10	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			03/24/23 14:10	1
2-Hexanone	3.2	U	10	3.2	ug/L			03/24/23 14:10	1
Iodomethane	3.9	U	10	3.9	ug/L			03/24/23 14:10	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			03/24/23 14:10	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			03/24/23 14:10	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			03/24/23 14:10	1
Styrene	0.27	U	1.0	0.27	ug/L			03/24/23 14:10	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			03/24/23 14:10	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			03/24/23 14:10	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			03/24/23 14:10	1
Toluene	0.25	U	1.0	0.25	ug/L			03/24/23 14:10	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			03/24/23 14:10	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			03/24/23 14:10	1
Trichloroethene	0.20	U	1.0	0.20	ug/L			03/24/23 14:10	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			03/24/23 14:10	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			03/24/23 14:10	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			03/24/23 14:10	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			03/24/23 14:10	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			03/24/23 14:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*110*		*70 - 130*		*03/24/23 14:10*	*1*
1,2-Dichloroethane-d4 (Surr)	*90*		*60 - 124*		*03/24/23 14:10*	*1*
Dibromofluoromethane (Surr)	*110*		*70 - 130*		*03/24/23 14:10*	*1*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*		*03/24/23 14:10*	*1*

Lab Sample ID: LCS 680-769425/5
Matrix: Water
Analysis Batch: 769425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	250	238		ug/L		95	67 - 120
Acrylonitrile	500	487		ug/L		97	70 - 130
Benzene	50.0	50.1		ug/L		100	70 - 130
Bromochloromethane	50.0	49.3		ug/L		99	70 - 130
Bromodichloromethane	50.0	49.3		ug/L		99	70 - 130
Bromoform	50.0	49.5		ug/L		99	69 - 129
Bromomethane	50.0	53.9		ug/L		108	28 - 192
2-Butanone (MEK)	250	215		ug/L		86	69 - 120
Carbon disulfide	50.0	49.4		ug/L		99	70 - 130

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

Lab Sample ID: LCS 680-769425/5
Matrix: Water
Analysis Batch: 769425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Carbon tetrachloride	50.0	47.5		ug/L		95	70 - 130
Chlorobenzene	50.0	53.4		ug/L		107	70 - 130
Chloroethane	50.0	60.4		ug/L		121	31 - 213
Chloroform	50.0	49.6		ug/L		99	70 - 130
Chloromethane	50.0	43.8		ug/L		88	59 - 127
Dibromochloromethane	50.0	49.0		ug/L		98	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	53.9		ug/L		108	70 - 130
1,2-Dibromoethane	50.0	50.3		ug/L		101	70 - 130
Dibromomethane	50.0	50.3		ug/L		101	70 - 130
1,2-Dichlorobenzene	50.0	53.5		ug/L		107	70 - 130
1,4-Dichlorobenzene	50.0	52.6		ug/L		105	70 - 130
trans-1,4-Dichloro-2-butene	50.0	45.7		ug/L		91	67 - 120
1,1-Dichloroethane	50.0	51.7		ug/L		103	70 - 130
1,2-Dichloroethane	50.0	47.9		ug/L		96	70 - 130
cis-1,2-Dichloroethene	50.0	51.6		ug/L		103	70 - 130
trans-1,2-Dichloroethene	50.0	51.3		ug/L		103	70 - 130
1,1-Dichloroethene	50.0	49.5		ug/L		99	70 - 130
1,2-Dichloropropane	50.0	50.4		ug/L		101	70 - 130
1,3-Dichloropropane	50.0	50.2		ug/L		100	70 - 130
cis-1,3-Dichloropropene	50.0	52.0		ug/L		104	70 - 130
trans-1,3-Dichloropropene	50.0	49.8		ug/L		100	70 - 130
Ethylbenzene	50.0	53.6		ug/L		107	70 - 130
2-Hexanone	250	218		ug/L		87	70 - 130
Iodomethane	50.0	50.0		ug/L		100	52 - 129
Methylene Chloride	50.0	50.4		ug/L		101	70 - 130
4-Methyl-2-pentanone (MIBK)	250	224		ug/L		90	68 - 120
Methyl tert-butyl ether	50.0	48.0		ug/L		96	70 - 130
Styrene	50.0	55.0		ug/L		110	70 - 130
1,1,1,2-Tetrachloroethane	50.0	51.0		ug/L		102	70 - 130
1,1,2,2-Tetrachloroethane	50.0	46.7		ug/L		93	70 - 130
Tetrachloroethylene	50.0	47.1		ug/L		94	70 - 130
Toluene	50.0	51.8		ug/L		104	70 - 130
1,1,1-Trichloroethane	50.0	48.0		ug/L		96	70 - 130
1,1,2-Trichloroethane	50.0	49.4		ug/L		99	70 - 130
Trichloroethene	50.0	48.8		ug/L		98	70 - 130
Trichlorofluoromethane	50.0	150	E *+	ug/L		300	63 - 142
1,2,3-Trichloropropane	50.0	49.3		ug/L		99	70 - 130
Vinyl acetate	100	97.7		ug/L		98	67 - 135
Vinyl chloride	50.0	47.9		ug/L		96	66 - 129
Xylenes, Total	100	108		ug/L		108	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*101*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*94*		*60 - 124*
Dibromofluoromethane (Surr)	*101*		*70 - 130*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*

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

Lab Sample ID: LCSD 680-769425/6
Matrix: Water
Analysis Batch: 769425

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone			250	228		ug/L		91	67 - 120	4	30
Acrylonitrile			500	479		ug/L		96	70 - 130	2	30
Benzene			50.0	50.4		ug/L		101	70 - 130	1	30
Bromochloromethane			50.0	48.7		ug/L		97	70 - 130	1	30
Bromodichloromethane			50.0	49.3		ug/L		99	70 - 130	0	30
Bromoform			50.0	49.1		ug/L		98	69 - 129	1	30
Bromomethane			50.0	55.9		ug/L		112	28 - 192	4	30
2-Butanone (MEK)			250	213		ug/L		85	69 - 120	1	30
Carbon disulfide			50.0	49.4		ug/L		99	70 - 130	0	30
Carbon tetrachloride			50.0	46.5		ug/L		93	70 - 130	2	30
Chlorobenzene			50.0	52.5		ug/L		105	70 - 130	2	30
Chloroethane			50.0	58.5		ug/L		117	31 - 213	3	30
Chloroform			50.0	49.7		ug/L		99	70 - 130	0	30
Chloromethane			50.0	44.0		ug/L		88	59 - 127	0	30
Dibromochloromethane			50.0	49.4		ug/L		99	70 - 130	1	30
1,2-Dibromo-3-Chloropropane			50.0	52.6		ug/L		105	70 - 130	2	30
1,2-Dibromoethane			50.0	50.6		ug/L		101	70 - 130	1	30
Dibromomethane			50.0	50.5		ug/L		101	70 - 130	1	30
1,2-Dichlorobenzene			50.0	53.2		ug/L		106	70 - 130	1	30
1,4-Dichlorobenzene			50.0	52.4		ug/L		105	70 - 130	0	30
trans-1,4-Dichloro-2-butene			50.0	44.7		ug/L		89	67 - 120	2	30
1,1-Dichloroethane			50.0	51.4		ug/L		103	70 - 130	1	30
1,2-Dichloroethane			50.0	47.7		ug/L		95	70 - 130	0	50
cis-1,2-Dichloroethene			50.0	51.9		ug/L		104	70 - 130	1	30
trans-1,2-Dichloroethene			50.0	51.2		ug/L		102	70 - 130	0	30
1,1-Dichloroethene			50.0	48.5		ug/L		97	70 - 130	2	20
1,2-Dichloropropane			50.0	50.5		ug/L		101	70 - 130	0	20
1,3-Dichloropropane			50.0	49.9		ug/L		100	70 - 130	1	20
cis-1,3-Dichloropropene			50.0	51.7		ug/L		103	70 - 130	1	20
trans-1,3-Dichloropropene			50.0	48.9		ug/L		98	70 - 130	2	30
Ethylbenzene			50.0	52.8		ug/L		106	70 - 130	2	20
2-Hexanone			250	219		ug/L		88	70 - 130	1	20
Iodomethane			50.0	49.9		ug/L		100	52 - 129	0	30
Methylene Chloride			50.0	50.6		ug/L		101	70 - 130	0	30
4-Methyl-2-pentanone (MIBK)			250	222		ug/L		89	68 - 120	1	30
Methyl tert-butyl ether			50.0	47.7		ug/L		95	70 - 130	1	30
Styrene			50.0	54.9		ug/L		110	70 - 130	0	30
1,1,1,2-Tetrachloroethane			50.0	50.4		ug/L		101	70 - 130	1	30
1,1,2,2-Tetrachloroethane			50.0	46.6		ug/L		93	70 - 130	0	30
Tetrachloroethylene			50.0	46.4		ug/L		93	70 - 130	1	30
Toluene			50.0	51.3		ug/L		103	70 - 130	1	30
1,1,1-Trichloroethane			50.0	47.8		ug/L		96	70 - 130	1	30
1,1,2-Trichloroethane			50.0	48.7		ug/L		97	70 - 130	1	30
Trichloroethene			50.0	49.0		ug/L		98	70 - 130	0	30
Trichlorofluoromethane			50.0	143	*+ E	ug/L		285	63 - 142	5	30
1,2,3-Trichloropropane			50.0	48.8		ug/L		98	70 - 130	1	30
Vinyl acetate			100	93.7		ug/L		94	67 - 135	4	30
Vinyl chloride			50.0	47.5		ug/L		95	66 - 129	1	30

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

Lab Sample ID: LCSD 680-769425/6
Matrix: Water
Analysis Batch: 769425

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Xylenes, Total			100	107		ug/L		107	70 - 130	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*101*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*94*		*60 - 124*
Dibromofluoromethane (Surr)	*101*		*70 - 130*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: MB 680-769685/8
Matrix: Water
Analysis Batch: 769685

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			03/26/23 14:35	1
Acrylonitrile	5.5	U	20	5.5	ug/L			03/26/23 14:35	1
Benzene	0.27	U	1.0	0.27	ug/L			03/26/23 14:35	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			03/26/23 14:35	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			03/26/23 14:35	1
Bromoform	0.59	U	1.0	0.59	ug/L			03/26/23 14:35	1
Bromomethane	3.7	U	5.0	3.7	ug/L			03/26/23 14:35	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			03/26/23 14:35	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			03/26/23 14:35	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			03/26/23 14:35	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			03/26/23 14:35	1
Chloroethane	4.6	U	5.0	4.6	ug/L			03/26/23 14:35	1
Chloroform	0.27	U	1.0	0.27	ug/L			03/26/23 14:35	1
Chloromethane	0.54	U	1.0	0.54	ug/L			03/26/23 14:35	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			03/26/23 14:35	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			03/26/23 14:35	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			03/26/23 14:35	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			03/26/23 14:35	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			03/26/23 14:35	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			03/26/23 14:35	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			03/26/23 14:35	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			03/26/23 14:35	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			03/26/23 14:35	1
cis-1,2-Dichloroethene	0.25	U	1.0	0.25	ug/L			03/26/23 14:35	1
trans-1,2-Dichloroethene	0.34	U	1.0	0.34	ug/L			03/26/23 14:35	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			03/26/23 14:35	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			03/26/23 14:35	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/26/23 14:35	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			03/26/23 14:35	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			03/26/23 14:35	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			03/26/23 14:35	1
2-Hexanone	3.2	U	10	3.2	ug/L			03/26/23 14:35	1
Iodomethane	3.9	U	10	3.9	ug/L			03/26/23 14:35	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			03/26/23 14:35	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			03/26/23 14:35	1

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

Lab Sample ID: MB 680-769685/8
Matrix: Water
Analysis Batch: 769685

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			03/26/23 14:35	1
Styrene	0.27	U	1.0	0.27	ug/L			03/26/23 14:35	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			03/26/23 14:35	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			03/26/23 14:35	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			03/26/23 14:35	1
Toluene	0.25	U	1.0	0.25	ug/L			03/26/23 14:35	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			03/26/23 14:35	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			03/26/23 14:35	1
Trichloroethene	0.20	U	1.0	0.20	ug/L			03/26/23 14:35	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			03/26/23 14:35	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			03/26/23 14:35	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			03/26/23 14:35	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			03/26/23 14:35	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			03/26/23 14:35	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*70 - 130*		*03/26/23 14:35*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*60 - 124*		*03/26/23 14:35*	*1*
Dibromofluoromethane (Surr)	*114*		*70 - 130*		*03/26/23 14:35*	*1*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*		*03/26/23 14:35*	*1*

Lab Sample ID: LCS 680-769685/4
Matrix: Water
Analysis Batch: 769685

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	250	241		ug/L		97	67 - 120
Acrylonitrile	500	484		ug/L		97	70 - 130
Benzene	50.0	47.3		ug/L		95	70 - 130
Bromochloromethane	50.0	55.9		ug/L		112	70 - 130
Bromodichloromethane	50.0	52.9		ug/L		106	70 - 130
Bromoform	50.0	66.1	*+	ug/L		132	69 - 129
Bromomethane	50.0	71.7		ug/L		143	28 - 192
2-Butanone (MEK)	250	267		ug/L		107	69 - 120
Carbon disulfide	50.0	49.2		ug/L		98	70 - 130
Carbon tetrachloride	50.0	53.2		ug/L		106	70 - 130
Chlorobenzene	50.0	52.1		ug/L		104	70 - 130
Chloroethane	50.0	97.6		ug/L		195	31 - 213
Chloroform	50.0	49.3		ug/L		99	70 - 130
Chloromethane	50.0	43.4		ug/L		87	59 - 127
Dibromochloromethane	50.0	57.8		ug/L		116	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	62.3		ug/L		125	70 - 130
1,2-Dibromoethane	50.0	55.2		ug/L		110	70 - 130
Dibromomethane	50.0	52.1		ug/L		104	70 - 130
1,2-Dichlorobenzene	50.0	53.3		ug/L		107	70 - 130
1,4-Dichlorobenzene	50.0	52.2		ug/L		104	70 - 130
trans-1,4-Dichloro-2-butene	50.0	73.1	*+	ug/L		146	67 - 120
1,1-Dichloroethane	50.0	52.9		ug/L		106	70 - 130

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

Lab Sample ID: LCS 680-769685/4
Matrix: Water
Analysis Batch: 769685

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichloroethane	50.0	51.8		ug/L		104	70 - 130
cis-1,2-Dichloroethene	50.0	50.4		ug/L		101	70 - 130
trans-1,2-Dichloroethene	50.0	51.7		ug/L		103	70 - 130
1,1-Dichloroethene	50.0	49.7		ug/L		99	70 - 130
1,2-Dichloropropane	50.0	51.5		ug/L		103	70 - 130
1,3-Dichloropropane	50.0	50.2		ug/L		100	70 - 130
cis-1,3-Dichloropropene	50.0	55.5		ug/L		111	70 - 130
trans-1,3-Dichloropropene	50.0	53.6		ug/L		107	70 - 130
Ethylbenzene	50.0	51.5		ug/L		103	70 - 130
2-Hexanone	250	231		ug/L		92	70 - 130
Iodomethane	50.0	100	*+	ug/L		201	52 - 129
Methylene Chloride	50.0	49.7		ug/L		99	70 - 130
4-Methyl-2-pentanone (MIBK)	250	248		ug/L		99	68 - 120
Methyl tert-butyl ether	50.0	53.6		ug/L		107	70 - 130
Styrene	50.0	53.1		ug/L		106	70 - 130
1,1,1,2-Tetrachloroethane	50.0	55.2		ug/L		110	70 - 130
1,1,2,2-Tetrachloroethane	50.0	50.8		ug/L		102	70 - 130
Tetrachloroethylene	50.0	54.1		ug/L		108	70 - 130
Toluene	50.0	48.7		ug/L		97	70 - 130
1,1,1-Trichloroethane	50.0	49.6		ug/L		99	70 - 130
1,1,2-Trichloroethane	50.0	52.0		ug/L		104	70 - 130
Trichloroethene	50.0	55.5		ug/L		111	70 - 130
Trichlorofluoromethane	50.0	56.8		ug/L		114	63 - 142
1,2,3-Trichloropropane	50.0	52.1		ug/L		104	70 - 130
Vinyl acetate	100	117		ug/L		117	67 - 135
Vinyl chloride	50.0	52.2		ug/L		104	66 - 129
Xylenes, Total	100	106		ug/L		106	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*99*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*103*		*60 - 124*
Dibromofluoromethane (Surr)	*98*		*70 - 130*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: LCSD 680-769685/5
Matrix: Water
Analysis Batch: 769685

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	250	243		ug/L		97	67 - 120	1	30
Acrylonitrile	500	474		ug/L		95	70 - 130	2	30
Benzene	50.0	47.1		ug/L		94	70 - 130	0	30
Bromochloromethane	50.0	54.9		ug/L		110	70 - 130	2	30
Bromodichloromethane	50.0	52.5		ug/L		105	70 - 130	1	30
Bromoform	50.0	63.3		ug/L		127	69 - 129	4	30
Bromomethane	50.0	69.7		ug/L		139	28 - 192	3	30
2-Butanone (MEK)	250	268		ug/L		107	69 - 120	0	30
Carbon disulfide	50.0	49.3		ug/L		99	70 - 130	0	30

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

Lab Sample ID: LCSD 680-769685/5
Matrix: Water
Analysis Batch: 769685

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Carbon tetrachloride			50.0	54.8		ug/L		110	70 - 130	3	30
Chlorobenzene			50.0	50.9		ug/L		102	70 - 130	2	30
Chloroethane			50.0	89.0		ug/L		178	31 - 213	9	30
Chloroform			50.0	50.0		ug/L		100	70 - 130	1	30
Chloromethane			50.0	42.0		ug/L		84	59 - 127	3	30
Dibromochloromethane			50.0	56.8		ug/L		114	70 - 130	2	30
1,2-Dibromo-3-Chloropropane			50.0	65.4	*+	ug/L		131	70 - 130	5	30
1,2-Dibromoethane			50.0	54.6		ug/L		109	70 - 130	1	30
Dibromomethane			50.0	53.7		ug/L		107	70 - 130	3	30
1,2-Dichlorobenzene			50.0	53.3		ug/L		107	70 - 130	0	30
1,4-Dichlorobenzene			50.0	52.1		ug/L		104	70 - 130	0	30
trans-1,4-Dichloro-2-butene			50.0	72.4	*+	ug/L		145	67 - 120	1	30
1,1-Dichloroethane			50.0	52.7		ug/L		105	70 - 130	0	30
1,2-Dichloroethane			50.0	51.1		ug/L		102	70 - 130	1	50
cis-1,2-Dichloroethene			50.0	50.2		ug/L		100	70 - 130	0	30
trans-1,2-Dichloroethene			50.0	50.8		ug/L		102	70 - 130	2	30
1,1-Dichloroethene			50.0	50.9		ug/L		102	70 - 130	2	20
1,2-Dichloropropane			50.0	50.9		ug/L		102	70 - 130	1	20
1,3-Dichloropropane			50.0	51.1		ug/L		102	70 - 130	2	20
cis-1,3-Dichloropropene			50.0	54.9		ug/L		110	70 - 130	1	20
trans-1,3-Dichloropropene			50.0	53.0		ug/L		106	70 - 130	1	30
Ethylbenzene			50.0	50.1		ug/L		100	70 - 130	3	20
2-Hexanone			250	230		ug/L		92	70 - 130	0	20
Iodomethane			50.0	101	*+	ug/L		201	52 - 129	0	30
Methylene Chloride			50.0	49.6		ug/L		99	70 - 130	0	30
4-Methyl-2-pentanone (MIBK)			250	244		ug/L		98	68 - 120	2	30
Methyl tert-butyl ether			50.0	52.2		ug/L		104	70 - 130	3	30
Styrene			50.0	51.5		ug/L		103	70 - 130	3	30
1,1,1,2-Tetrachloroethane			50.0	56.0		ug/L		112	70 - 130	1	30
1,1,2,2-Tetrachloroethane			50.0	49.8		ug/L		100	70 - 130	2	30
Tetrachloroethylene			50.0	53.7		ug/L		107	70 - 130	1	30
Toluene			50.0	48.6		ug/L		97	70 - 130	0	30
1,1,1-Trichloroethane			50.0	49.9		ug/L		100	70 - 130	1	30
1,1,2-Trichloroethane			50.0	51.1		ug/L		102	70 - 130	2	30
Trichloroethene			50.0	56.1		ug/L		112	70 - 130	1	30
Trichlorofluoromethane			50.0	57.2		ug/L		114	63 - 142	1	30
1,2,3-Trichloropropane			50.0	48.4		ug/L		97	70 - 130	7	30
Vinyl acetate			100	116		ug/L		116	67 - 135	1	30
Vinyl chloride			50.0	52.5		ug/L		105	66 - 129	1	30
Xylenes, Total			100	104		ug/L		104	70 - 130	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*98*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*102*		*60 - 124*
Dibromofluoromethane (Surr)	*99*		*70 - 130*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*

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

Lab Sample ID: 680-232164-12 MS
Matrix: Water
Analysis Batch: 769685

Client Sample ID: CWM-183-MW20
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	37	U	2500	2510		ug/L		100	67 - 120
Acrylonitrile	55	U	5000	5090		ug/L		102	70 - 130
Benzene	2.7	U	500	469		ug/L		94	70 - 130
Bromochloromethane	3.4	U	500	560		ug/L		112	70 - 130
Bromodichloromethane	2.5	U	500	524		ug/L		105	70 - 130
Bromoform	5.9	U F1 *+	500	662	F1	ug/L		132	69 - 129
Bromomethane	37	U	500	635		ug/L		127	28 - 192
2-Butanone (MEK)	64	U F1	2500	2740		ug/L		110	69 - 120
Carbon disulfide	4.3	U	500	452		ug/L		90	70 - 130
Carbon tetrachloride	3.0	U	500	501		ug/L		100	70 - 130
Chlorobenzene	1.5	U	500	528		ug/L		106	70 - 130
Chloroethane	46	U	500	962		ug/L		192	31 - 213
Chloroform	2.7	U	500	491		ug/L		98	70 - 130
Chloromethane	5.4	U	500	396		ug/L		79	59 - 127
Dibromochloromethane	3.9	U	500	563		ug/L		113	70 - 130
1,2-Dibromo-3-Chloropropane	18	U *+ F1	500	690	F1	ug/L		138	70 - 130
1,2-Dibromoethane	3.3	U	500	556		ug/L		111	70 - 130
Dibromomethane	3.4	U	500	522		ug/L		104	70 - 130
1,2-Dichlorobenzene	3.1	U	500	532		ug/L		106	70 - 130
1,4-Dichlorobenzene	3.1	U	500	522		ug/L		104	70 - 130
trans-1,4-Dichloro-2-butene	13	U *+ F1	500	757	F1	ug/L		151	67 - 120
1,1-Dichloroethane	3.3	U	500	526		ug/L		105	70 - 130
1,2-Dichloroethane	2.5	U	500	520		ug/L		104	70 - 130
cis-1,2-Dichloroethene	2.5	U F1	500	689	F1	ug/L		138	70 - 130
trans-1,2-Dichloroethene	11		500	509		ug/L		99	70 - 130
1,1-Dichloroethene	6.5	J	500	480		ug/L		95	70 - 130
1,2-Dichloropropane	2.2	U	500	501		ug/L		100	70 - 130
1,3-Dichloropropane	3.6	U	500	511		ug/L		102	70 - 130
cis-1,3-Dichloropropene	2.6	U	500	544		ug/L		109	70 - 130
trans-1,3-Dichloropropene	2.3	U	500	529		ug/L		106	70 - 130
Ethylbenzene	2.0	U	500	529		ug/L		106	70 - 130
2-Hexanone	32	U	2500	2450		ug/L		98	70 - 130
Iodomethane	39	U *+ F1	500	906	F1	ug/L		181	52 - 129
Methylene Chloride	32	U	500	507		ug/L		101	70 - 130
4-Methyl-2-pentanone (MIBK)	27	U	2500	2670		ug/L		107	68 - 120
Methyl tert-butyl ether	8.1	U	500	539		ug/L		108	70 - 130
Styrene	2.7	U	500	546		ug/L		109	70 - 130
1,1,1,2-Tetrachloroethane	3.6	U	500	582		ug/L		116	70 - 130
1,1,2,2-Tetrachloroethane	4.0	U	500	557		ug/L		111	70 - 130
Tetrachloroethylene	3.5	U	500	513		ug/L		103	70 - 130
Toluene	2.5	U	500	486		ug/L		97	70 - 130
1,1,1-Trichloroethane	2.1	U	500	480		ug/L		96	70 - 130
1,1,2-Trichloroethane	3.2	U	500	530		ug/L		106	70 - 130
Trichloroethene	490		500	1070		ug/L		117	70 - 130
Trichlorofluoromethane	3.3	U	500	544		ug/L		109	63 - 142
1,2,3-Trichloropropane	4.8	U	500	544		ug/L		109	70 - 130
Vinyl acetate	6.9	U	1000	1250		ug/L		125	67 - 135
Vinyl chloride	45		500	539		ug/L		99	66 - 129

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

Lab Sample ID: 680-232164-12 MS
Matrix: Water
Analysis Batch: 769685

Client Sample ID: CWM-183-MW20
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Xylenes, Total	2.3	U	1000	1080		ug/L		108	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Toluene-d8 (Surr)	*98*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*103*		*60 - 124*
Dibromofluoromethane (Surr)	*97*		*70 - 130*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: 680-232164-12 MSD
Matrix: Water
Analysis Batch: 769685

Client Sample ID: CWM-183-MW20
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	37	U	2500	2480		ug/L		99	67 - 120	1	30
Acrylonitrile	55	U	5000	5130		ug/L		103	70 - 130	1	30
Benzene	2.7	U	500	465		ug/L		93	70 - 130	1	30
Bromochloromethane	3.4	U	500	555		ug/L		111	70 - 130	1	30
Bromodichloromethane	2.5	U	500	527		ug/L		105	70 - 130	1	30
Bromoform	5.9	U F1 *+	500	653	F1	ug/L		131	69 - 129	1	30
Bromomethane	37	U	500	699		ug/L		140	28 - 192	10	30
2-Butanone (MEK)	64	U F1	2500	64	U F1	ug/L		0	69 - 120	NC	30
Carbon disulfide	4.3	U	500	453		ug/L		91	70 - 130	0	30
Carbon tetrachloride	3.0	U	500	505		ug/L		101	70 - 130	1	30
Chlorobenzene	1.5	U	500	518		ug/L		104	70 - 130	2	30
Chloroethane	46	U	500	966		ug/L		193	31 - 213	0	30
Chloroform	2.7	U	500	504		ug/L		101	70 - 130	3	30
Chloromethane	5.4	U	500	373		ug/L		75	59 - 127	6	30
Dibromochloromethane	3.9	U	500	580		ug/L		116	70 - 130	3	30
1,2-Dibromo-3-Chloropropane	18	U *+ F1	500	694	F1	ug/L		139	70 - 130	1	30
1,2-Dibromoethane	3.3	U	500	571		ug/L		114	70 - 130	3	30
Dibromomethane	3.4	U	500	543		ug/L		109	70 - 130	4	30
1,2-Dichlorobenzene	3.1	U	500	543		ug/L		109	70 - 130	2	30
1,4-Dichlorobenzene	3.1	U	500	530		ug/L		106	70 - 130	1	30
trans-1,4-Dichloro-2-butene	13	U *+ F1	500	721	F1	ug/L		144	67 - 120	5	30
1,1-Dichloroethane	3.3	U	500	513		ug/L		103	70 - 130	2	30
1,2-Dichloroethane	2.5	U	500	518		ug/L		104	70 - 130	0	50
cis-1,2-Dichloroethene	2.5	U F1	500	681	F1	ug/L		136	70 - 130	1	30
trans-1,2-Dichloroethene	11		500	505		ug/L		99	70 - 130	1	30
1,1-Dichloroethene	6.5	J	500	480		ug/L		95	70 - 130	0	20
1,2-Dichloropropane	2.2	U	500	504		ug/L		101	70 - 130	1	20
1,3-Dichloropropane	3.6	U	500	521		ug/L		104	70 - 130	2	20
cis-1,3-Dichloropropene	2.6	U	500	556		ug/L		111	70 - 130	2	20
trans-1,3-Dichloropropene	2.3	U	500	531		ug/L		106	70 - 130	0	30
Ethylbenzene	2.0	U	500	513		ug/L		103	70 - 130	3	20
2-Hexanone	32	U	2500	2500		ug/L		100	70 - 130	2	20
Iodomethane	39	U *+ F1	500	971	F1	ug/L		194	52 - 129	7	30
Methylene Chloride	32	U	500	500		ug/L		100	70 - 130	1	30
4-Methyl-2-pentanone (MIBK)	27	U	2500	2700		ug/L		108	68 - 120	1	30

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

Lab Sample ID: 680-232164-12 MSD
Matrix: Water
Analysis Batch: 769685

Client Sample ID: CWM-183-MW20
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methyl tert-butyl ether	8.1	U	500	546		ug/L		109	70 - 130	1	30
Styrene	2.7	U	500	530		ug/L		106	70 - 130	3	30
1,1,1,2-Tetrachloroethane	3.6	U	500	564		ug/L		113	70 - 130	3	30
1,1,2,2-Tetrachloroethane	4.0	U	500	538		ug/L		108	70 - 130	3	30
Tetrachloroethylene	3.5	U	500	505		ug/L		101	70 - 130	2	30
Toluene	2.5	U	500	479		ug/L		96	70 - 130	1	30
1,1,1-Trichloroethane	2.1	U	500	484		ug/L		97	70 - 130	1	30
1,1,2-Trichloroethane	3.2	U	500	534		ug/L		107	70 - 130	1	30
Trichloroethene	490		500	1090		ug/L		121	70 - 130	2	30
Trichlorofluoromethane	3.3	U	500	542		ug/L		108	63 - 142	0	30
1,2,3-Trichloropropane	4.8	U	500	538		ug/L		108	70 - 130	1	30
Vinyl acetate	6.9	U	1000	1260		ug/L		126	67 - 135	1	30
Vinyl chloride	45		500	523		ug/L		96	66 - 129	3	30
Xylenes, Total	2.3	U	1000	1050		ug/L		105	70 - 130	3	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*98*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*103*		*60 - 124*
Dibromofluoromethane (Surr)	*99*		*70 - 130*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: MB 680-769799/9
Matrix: Water
Analysis Batch: 769799

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			03/27/23 14:00	1
Acrylonitrile	5.5	U	20	5.5	ug/L			03/27/23 14:00	1
Benzene	0.27	U	1.0	0.27	ug/L			03/27/23 14:00	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			03/27/23 14:00	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			03/27/23 14:00	1
Bromoform	0.59	U	1.0	0.59	ug/L			03/27/23 14:00	1
Bromomethane	3.7	U	5.0	3.7	ug/L			03/27/23 14:00	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			03/27/23 14:00	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			03/27/23 14:00	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			03/27/23 14:00	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			03/27/23 14:00	1
Chloroethane	4.6	U	5.0	4.6	ug/L			03/27/23 14:00	1
Chloroform	0.27	U	1.0	0.27	ug/L			03/27/23 14:00	1
Chloromethane	0.54	U	1.0	0.54	ug/L			03/27/23 14:00	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			03/27/23 14:00	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			03/27/23 14:00	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			03/27/23 14:00	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			03/27/23 14:00	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			03/27/23 14:00	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			03/27/23 14:00	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			03/27/23 14:00	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			03/27/23 14:00	1

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

Lab Sample ID: MB 680-769799/9
Matrix: Water
Analysis Batch: 769799

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			03/27/23 14:00	1
cis-1,2-Dichloroethene	0.25	U	1.0	0.25	ug/L			03/27/23 14:00	1
trans-1,2-Dichloroethene	0.34	U	1.0	0.34	ug/L			03/27/23 14:00	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			03/27/23 14:00	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			03/27/23 14:00	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/27/23 14:00	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			03/27/23 14:00	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			03/27/23 14:00	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			03/27/23 14:00	1
2-Hexanone	3.2	U	10	3.2	ug/L			03/27/23 14:00	1
Iodomethane	3.9	U	10	3.9	ug/L			03/27/23 14:00	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			03/27/23 14:00	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			03/27/23 14:00	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			03/27/23 14:00	1
Styrene	0.27	U	1.0	0.27	ug/L			03/27/23 14:00	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			03/27/23 14:00	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			03/27/23 14:00	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			03/27/23 14:00	1
Toluene	0.25	U	1.0	0.25	ug/L			03/27/23 14:00	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			03/27/23 14:00	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			03/27/23 14:00	1
Trichloroethene	0.20	U	1.0	0.20	ug/L			03/27/23 14:00	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			03/27/23 14:00	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			03/27/23 14:00	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			03/27/23 14:00	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			03/27/23 14:00	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			03/27/23 14:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*110*		*70 - 130*		*03/27/23 14:00*	*1*
1,2-Dichloroethane-d4 (Surr)	*90*		*60 - 124*		*03/27/23 14:00*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*03/27/23 14:00*	*1*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*		*03/27/23 14:00*	*1*

Lab Sample ID: LCS 680-769799/5
Matrix: Water
Analysis Batch: 769799

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	250	204		ug/L		81	67 - 120
Acrylonitrile	500	405		ug/L		81	70 - 130
Benzene	50.0	45.7		ug/L		91	70 - 130
Bromochloromethane	50.0	49.1		ug/L		98	70 - 130
Bromodichloromethane	50.0	46.0		ug/L		92	70 - 130
Bromoform	50.0	51.5		ug/L		103	69 - 129
Bromomethane	50.0	61.3		ug/L		123	28 - 192
2-Butanone (MEK)	250	215		ug/L		86	69 - 120
Carbon disulfide	50.0	43.8		ug/L		88	70 - 130

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

Lab Sample ID: LCS 680-769799/5
Matrix: Water
Analysis Batch: 769799

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Carbon tetrachloride	50.0	47.0		ug/L		94	70 - 130
Chlorobenzene	50.0	56.4		ug/L		113	70 - 130
Chloroethane	50.0	130	*+	ug/L		260	31 - 213
Chloroform	50.0	47.9		ug/L		96	70 - 130
Chloromethane	50.0	26.3	*-	ug/L		53	59 - 127
Dibromochloromethane	50.0	46.4		ug/L		93	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	48.1		ug/L		96	70 - 130
1,2-Dibromoethane	50.0	47.9		ug/L		96	70 - 130
Dibromomethane	50.0	48.8		ug/L		98	70 - 130
1,2-Dichlorobenzene	50.0	52.0		ug/L		104	70 - 130
1,4-Dichlorobenzene	50.0	52.1		ug/L		104	70 - 130
trans-1,4-Dichloro-2-butene	50.0	41.0		ug/L		82	67 - 120
1,1-Dichloroethane	50.0	44.6		ug/L		89	70 - 130
1,2-Dichloroethane	50.0	44.9		ug/L		90	70 - 130
cis-1,2-Dichloroethene	50.0	42.9		ug/L		86	70 - 130
trans-1,2-Dichloroethene	50.0	49.7		ug/L		99	70 - 130
1,1-Dichloroethene	50.0	48.6		ug/L		97	70 - 130
1,2-Dichloropropane	50.0	41.0		ug/L		82	70 - 130
1,3-Dichloropropane	50.0	45.4		ug/L		91	70 - 130
cis-1,3-Dichloropropene	50.0	43.6		ug/L		87	70 - 130
trans-1,3-Dichloropropene	50.0	43.6		ug/L		87	70 - 130
Ethylbenzene	50.0	55.6		ug/L		111	70 - 130
2-Hexanone	250	179		ug/L		72	70 - 130
Iodomethane	50.0	52.2		ug/L		104	52 - 129
Methylene Chloride	50.0	45.7		ug/L		91	70 - 130
4-Methyl-2-pentanone (MIBK)	250	184		ug/L		73	68 - 120
Methyl tert-butyl ether	50.0	47.0		ug/L		94	70 - 130
Styrene	50.0	55.3		ug/L		111	70 - 130
1,1,1,2-Tetrachloroethane	50.0	55.3		ug/L		111	70 - 130
1,1,2,2-Tetrachloroethane	50.0	51.6		ug/L		103	70 - 130
Tetrachloroethylene	50.0	50.6		ug/L		101	70 - 130
Toluene	50.0	47.4		ug/L		95	70 - 130
1,1,1-Trichloroethane	50.0	49.2		ug/L		98	70 - 130
1,1,2-Trichloroethane	50.0	46.1		ug/L		92	70 - 130
Trichloroethene	50.0	48.6		ug/L		97	70 - 130
Trichlorofluoromethane	50.0	50.7		ug/L		101	63 - 142
1,2,3-Trichloropropane	50.0	56.6		ug/L		113	70 - 130
Vinyl acetate	100	85.9		ug/L		86	67 - 135
Vinyl chloride	50.0	37.7		ug/L		75	66 - 129
Xylenes, Total	100	111		ug/L		111	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*112*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*91*		*60 - 124*
Dibromofluoromethane (Surr)	*101*		*70 - 130*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*

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

Lab Sample ID: LCSD 680-769799/6
Matrix: Water
Analysis Batch: 769799

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone			250	203		ug/L		81	67 - 120	0	30
Acrylonitrile			500	402		ug/L		80	70 - 130	1	30
Benzene			50.0	44.9		ug/L		90	70 - 130	2	30
Bromochloromethane			50.0	48.4		ug/L		97	70 - 130	1	30
Bromodichloromethane			50.0	45.3		ug/L		91	70 - 130	1	30
Bromoform			50.0	50.6		ug/L		101	69 - 129	2	30
Bromomethane			50.0	63.0		ug/L		126	28 - 192	3	30
2-Butanone (MEK)			250	221		ug/L		89	69 - 120	3	30
Carbon disulfide			50.0	44.0		ug/L		88	70 - 130	0	30
Carbon tetrachloride			50.0	47.2		ug/L		94	70 - 130	0	30
Chlorobenzene			50.0	55.0		ug/L		110	70 - 130	2	30
Chloroethane			50.0	129	*+	ug/L		257	31 - 213	1	30
Chloroform			50.0	47.0		ug/L		94	70 - 130	2	30
Chloromethane			50.0	25.5	*-	ug/L		51	59 - 127	3	30
Dibromochloromethane			50.0	46.2		ug/L		92	70 - 130	0	30
1,2-Dibromo-3-Chloropropane			50.0	49.2		ug/L		98	70 - 130	2	30
1,2-Dibromoethane			50.0	47.0		ug/L		94	70 - 130	2	30
Dibromomethane			50.0	48.5		ug/L		97	70 - 130	1	30
1,2-Dichlorobenzene			50.0	51.5		ug/L		103	70 - 130	1	30
1,4-Dichlorobenzene			50.0	51.6		ug/L		103	70 - 130	1	30
trans-1,4-Dichloro-2-butene			50.0	41.0		ug/L		82	67 - 120	0	30
1,1-Dichloroethane			50.0	44.6		ug/L		89	70 - 130	0	30
1,2-Dichloroethane			50.0	45.0		ug/L		90	70 - 130	0	50
cis-1,2-Dichloroethene			50.0	43.6		ug/L		87	70 - 130	2	30
trans-1,2-Dichloroethene			50.0	48.2		ug/L		96	70 - 130	3	30
1,1-Dichloroethene			50.0	49.1		ug/L		98	70 - 130	1	20
1,2-Dichloropropane			50.0	42.0		ug/L		84	70 - 130	2	20
1,3-Dichloropropane			50.0	44.5		ug/L		89	70 - 130	2	20
cis-1,3-Dichloropropene			50.0	43.7		ug/L		87	70 - 130	0	20
trans-1,3-Dichloropropene			50.0	42.7		ug/L		85	70 - 130	2	30
Ethylbenzene			50.0	54.8		ug/L		110	70 - 130	1	20
2-Hexanone			250	177		ug/L		71	70 - 130	1	20
Iodomethane			50.0	52.0		ug/L		104	52 - 129	0	30
Methylene Chloride			50.0	45.3		ug/L		91	70 - 130	1	30
4-Methyl-2-pentanone (MIBK)			250	181		ug/L		72	68 - 120	2	30
Methyl tert-butyl ether			50.0	46.3		ug/L		93	70 - 130	2	30
Styrene			50.0	54.5		ug/L		109	70 - 130	2	30
1,1,1,2-Tetrachloroethane			50.0	54.7		ug/L		109	70 - 130	1	30
1,1,2,2-Tetrachloroethane			50.0	50.3		ug/L		101	70 - 130	3	30
Tetrachloroethylene			50.0	49.8		ug/L		100	70 - 130	2	30
Toluene			50.0	46.3		ug/L		93	70 - 130	2	30
1,1,1-Trichloroethane			50.0	48.7		ug/L		97	70 - 130	1	30
1,1,2-Trichloroethane			50.0	44.5		ug/L		89	70 - 130	4	30
Trichloroethene			50.0	50.1		ug/L		100	70 - 130	3	30
Trichlorofluoromethane			50.0	51.3		ug/L		103	63 - 142	1	30
1,2,3-Trichloropropane			50.0	56.8		ug/L		114	70 - 130	0	30
Vinyl acetate			100	79.1		ug/L		79	67 - 135	8	30
Vinyl chloride			50.0	37.8		ug/L		76	66 - 129	0	30

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

Lab Sample ID: LCSD 680-769799/6
Matrix: Water
Analysis Batch: 769799

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Xylenes, Total			100	109		ug/L		109	70 - 130	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*111*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*89*		*60 - 124*
Dibromofluoromethane (Surr)	*101*		*70 - 130*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*

Method: RSK-175 - Dissolved Gases (GC)

Lab Sample ID: MB 680-768985/8
Matrix: Water
Analysis Batch: 768985

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	0.30	U	1.1	0.30	ug/L			03/22/23 12:13	1
Ethene	0.31	U	1.0	0.31	ug/L			03/22/23 12:13	1
Methane	0.57	U	0.58	0.57	ug/L			03/22/23 12:13	1

Lab Sample ID: LCS 680-768985/3
Matrix: Water
Analysis Batch: 768985

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Methane (TCD)			1920	2080		ug/L		108	75 - 125		

Lab Sample ID: LCS 680-768985/6
Matrix: Water
Analysis Batch: 768985

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ethane			361	373		ug/L		104	75 - 125		
Ethene			337	332		ug/L		99	75 - 125		
Methane			192	190		ug/L		99	75 - 125		

Lab Sample ID: LCSD 680-768985/4
Matrix: Water
Analysis Batch: 768985

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methane (TCD)			1920	2020		ug/L		105	75 - 125	3	30

Lab Sample ID: LCSD 680-768985/7
Matrix: Water
Analysis Batch: 768985

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ethane			361	416		ug/L		115	75 - 125	11	30
Ethene			337	366		ug/L		109	75 - 125	10	30
Methane			192	213		ug/L		111	75 - 125	12	30

Method: 9060A - Organic Carbon, Total (TOC)

Lab Sample ID: MB 680-769377/2
Matrix: Water
Analysis Batch: 769377

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	0.50	U	1.0	0.50	mg/L			03/23/23 08:50	1
Total Organic Carbon - Quad	0.50	U	1.0	0.50	mg/L			03/23/23 08:50	1

Lab Sample ID: LCS 680-769377/3
Matrix: Water
Analysis Batch: 769377

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon	20.0	20.9		mg/L		105	80 - 120
Total Organic Carbon - Quad	20.0	20.9		mg/L		105	80 - 120
TOC Result 1	20.0	20.5		mg/L		103	80 - 120
TOC Result 2	20.0	21.5		mg/L		107	80 - 120
TOC Result 3	20.0	20.8		mg/L		104	80 - 120
TOC Result 4	20.0	20.9		mg/L		104	80 - 120

Lab Sample ID: LCSD 680-769377/4
Matrix: Water
Analysis Batch: 769377

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Organic Carbon	20.0	20.9		mg/L		105	80 - 120	0	25
Total Organic Carbon - Quad	20.0	20.9		mg/L		105	80 - 120	0	25
TOC Result 1	20.0	20.7		mg/L		104	80 - 120	1	25
TOC Result 2	20.0	21.2		mg/L		106	80 - 120	2	25
TOC Result 3	20.0	21.1		mg/L		106	80 - 120	2	25
TOC Result 4	20.0	20.8		mg/L		104	80 - 120	0	25

GC/MS VOA

Analysis Batch: 769205

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-232164-1	CWM-183-MW07	Total/NA	Water	8260D	
680-232164-10	DUP412	Total/NA	Water	8260D	
680-232164-11	DUP413	Total/NA	Water	8260D	
MB 680-769205/9	Method Blank	Total/NA	Water	8260D	
LCS 680-769205/5	Lab Control Sample	Total/NA	Water	8260D	
LCSD 680-769205/6	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 769215

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-232164-12	CWM-183-MW20	Total/NA	Water	8260D	
680-232164-13	CWM-183-MW09	Total/NA	Water	8260D	
680-232164-14	TB609	Total/NA	Water	8260D	
MB 680-769215/9	Method Blank	Total/NA	Water	8260D	
LCS 680-769215/5	Lab Control Sample	Total/NA	Water	8260D	
LCSD 680-769215/6	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 769425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-232164-8	CWM-183-MW31	Total/NA	Water	8260D	
MB 680-769425/9	Method Blank	Total/NA	Water	8260D	
LCS 680-769425/5	Lab Control Sample	Total/NA	Water	8260D	
LCSD 680-769425/6	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 769685

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-232164-2	CWM-183-MW25	Total/NA	Water	8260D	
680-232164-4	CWM-183-MW28	Total/NA	Water	8260D	
680-232164-5	CWM-183-MW19	Total/NA	Water	8260D	
680-232164-6	CWM-183-MW21	Total/NA	Water	8260D	
680-232164-7	CWM-183-MW22	Total/NA	Water	8260D	
680-232164-9	CWM-183-MW08	Total/NA	Water	8260D	
680-232164-12 - DL	CWM-183-MW20	Total/NA	Water	8260D	
680-232164-13	CWM-183-MW09	Total/NA	Water	8260D	
MB 680-769685/8	Method Blank	Total/NA	Water	8260D	
LCS 680-769685/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 680-769685/5	Lab Control Sample Dup	Total/NA	Water	8260D	
680-232164-12 MS	CWM-183-MW20	Total/NA	Water	8260D	
680-232164-12 MSD	CWM-183-MW20	Total/NA	Water	8260D	

Analysis Batch: 769799

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-232164-3	CWM-183-MW17	Total/NA	Water	8260D	
MB 680-769799/9	Method Blank	Total/NA	Water	8260D	
LCS 680-769799/5	Lab Control Sample	Total/NA	Water	8260D	
LCSD 680-769799/6	Lab Control Sample Dup	Total/NA	Water	8260D	

GC VOA

Analysis Batch: 768985

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-232164-12	CWM-183-MW20	Total/NA	Water	RSK-175	

GC VOA (Continued)

Analysis Batch: 768985 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-232164-13	CWM-183-MW09	Total/NA	Water	RSK-175	
MB 680-768985/8	Method Blank	Total/NA	Water	RSK-175	
LCS 680-768985/3	Lab Control Sample	Total/NA	Water	RSK-175	
LCS 680-768985/6	Lab Control Sample	Total/NA	Water	RSK-175	
LCSD 680-768985/4	Lab Control Sample Dup	Total/NA	Water	RSK-175	
LCSD 680-768985/7	Lab Control Sample Dup	Total/NA	Water	RSK-175	

General Chemistry

Analysis Batch: 769377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-232164-12	CWM-183-MW20	Total/NA	Water	9060A	
680-232164-13	CWM-183-MW09	Total/NA	Water	9060A	
MB 680-769377/2	Method Blank	Total/NA	Water	9060A	
LCS 680-769377/3	Lab Control Sample	Total/NA	Water	9060A	
LCSD 680-769377/4	Lab Control Sample Dup	Total/NA	Water	9060A	

Client Sample ID: CWM-183-MW07

Lab Sample ID: 680-232164-1

Date Collected: 03/15/23 14:10

Matrix: Water

Date Received: 03/17/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	769205	03/23/23 16:51	P1C	EET SAV
	Instrument ID: CMSAD									

Client Sample ID: CWM-183-MW25

Lab Sample ID: 680-232164-2

Date Collected: 03/14/23 12:45

Matrix: Water

Date Received: 03/17/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	769685	03/26/23 16:17	P1C	EET SAV
	Instrument ID: CMSAG									

Client Sample ID: CWM-183-MW17

Lab Sample ID: 680-232164-3

Date Collected: 03/14/23 11:15

Matrix: Water

Date Received: 03/17/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	769799	03/27/23 16:43	P1C	EET SAV
	Instrument ID: CMSO2									

Client Sample ID: CWM-183-MW28

Lab Sample ID: 680-232164-4

Date Collected: 03/14/23 17:15

Matrix: Water

Date Received: 03/17/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	769685	03/26/23 16:55	P1C	EET SAV
	Instrument ID: CMSAG									

Client Sample ID: CWM-183-MW19

Lab Sample ID: 680-232164-5

Date Collected: 03/14/23 09:55

Matrix: Water

Date Received: 03/17/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	769685	03/26/23 17:13	P1C	EET SAV
	Instrument ID: CMSAG									

Client Sample ID: CWM-183-MW21

Lab Sample ID: 680-232164-6

Date Collected: 03/14/23 15:10

Matrix: Water

Date Received: 03/17/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	769685	03/26/23 17:32	P1C	EET SAV
	Instrument ID: CMSAG									

Client Sample ID: CWM-183-MW22

Lab Sample ID: 680-232164-7

Date Collected: 03/14/23 14:20

Matrix: Water

Date Received: 03/17/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	769685	03/26/23 17:51	P1C	EET SAV
	Instrument ID: CMSAG									

Client Sample ID: CWM-183-MW31

Lab Sample ID: 680-232164-8

Date Collected: 03/13/23 16:00

Matrix: Water

Date Received: 03/17/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	769425	03/24/23 17:44	P1C	EET SAV
	Instrument ID: CMSAD									

Client Sample ID: CWM-183-MW08

Lab Sample ID: 680-232164-9

Date Collected: 03/14/23 10:30

Matrix: Water

Date Received: 03/17/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	769685	03/26/23 18:10	P1C	EET SAV
	Instrument ID: CMSAG									

Client Sample ID: DUP412

Lab Sample ID: 680-232164-10

Date Collected: 03/15/23 00:00

Matrix: Water

Date Received: 03/17/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	769205	03/23/23 17:10	P1C	EET SAV
	Instrument ID: CMSAD									

Client Sample ID: DUP413

Lab Sample ID: 680-232164-11

Date Collected: 03/14/23 00:00

Matrix: Water

Date Received: 03/17/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	769205	03/23/23 17:29	P1C	EET SAV
	Instrument ID: CMSAD									

Client Sample ID: CWM-183-MW20

Lab Sample ID: 680-232164-12

Date Collected: 03/15/23 11:35

Matrix: Water

Date Received: 03/17/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D	DL	10	5 mL	5 mL	769685	03/26/23 21:00	P1C	EET SAV
	Instrument ID: CMSAG									
Total/NA	Analysis	8260D		1	5 mL	5 mL	769215	03/23/23 20:56	Y1S	EET SAV
	Instrument ID: CMSC									
Total/NA	Analysis	RSK-175		1	17 mL	17 mL	768985	03/22/23 15:55	OK	EET SAV
	Instrument ID: CVGU									

Lab Chronicle

Client: Matrix Environmental Services, LLC
Project/Site: McClellan, Anniston, Alabama

Job ID: 680-232164-1

Client Sample ID: CWM-183-MW20

Lab Sample ID: 680-232164-12

Date Collected: 03/15/23 11:35

Matrix: Water

Date Received: 03/17/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9060A		1	40 mL	40 mL	769377	03/23/23 14:09	JU	EET SAV

Client Sample ID: CWM-183-MW09

Lab Sample ID: 680-232164-13

Date Collected: 03/15/23 13:00

Matrix: Water

Date Received: 03/17/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	769685	03/26/23 18:29	P1C	EET SAV
	Instrument ID: CMSAG									
Total/NA	Analysis	8260D		1	5 mL	5 mL	769215	03/23/23 21:15	Y1S	EET SAV
	Instrument ID: CMSC									
Total/NA	Analysis	RSK-175		1	17 mL	17 mL	768985	03/22/23 16:08	OK	EET SAV
	Instrument ID: CVGU									
Total/NA	Analysis	9060A		1	40 mL	40 mL	769377	03/23/23 14:31	JU	EET SAV
	Instrument ID: TOC8									

Client Sample ID: TB609

Lab Sample ID: 680-232164-14

Date Collected: 03/16/23 08:30

Matrix: Water

Date Received: 03/17/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	769215	03/23/23 15:35	Y1S	EET SAV
	Instrument ID: CMSC									

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: Matrix Environmental Services, LLC
Project/Site: McClellan, Anniston, Alabama

Job ID: 680-232164-1

Laboratory: Eurofins Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	06-30-23

Method Summary

Client: Matrix Environmental Services, LLC
Project/Site: McClellan, Anniston, Alabama

Job ID: 680-232164-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET SAV
RSK-175	Dissolved Gases (GC)	RSK	EET SAV
9060A	Organic Carbon, Total (TOC)	SW846	EET SAV
5030C	Purge and Trap	SW846	EET SAV

Protocol References:

RSK = Sample Prep And Calculations For Dissolved Gas Analysis In Water Samples Using A GC Headspace Equilibration Technique , RSKSOP-175, Rev. 0, 8/11/94, USEPA Research Lab
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

MATRIX ENVIRONMENTAL SERVICES CHAIN OF CUSTODY RECORD

COC Number 6828
Cooler ID 1 of 1
Page 1 of 2

Laboratory Eurofins
Lab Contact Noel Savoie and Beth Daughtry
MES Contact Betty Van Pelt
MES Phone 801-699-1246
Project Parcel 183(6), Training Area T6 (Naylor Field)
Task # 22.094.23-11.1
Lab contract: 22.094.23-11.1.500

Samplers Signature

Site	Station ID	QC Code	Station Code	Matrix	Sample Method	Date Collected	Sample Time	Analysis: SW8260D - VOC 3 - 40 ml vials, HCl	Analysis: RSK-175 -MEE 3 - 40 ml vials, HCl	Analysis: TOC - SW9060 2 - 40 mL amber VOA H2SO4	Analysis: SW8260D - VOC TB 2 - 40 ml vials, HCl
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW07	NS	MW	Water	BP	3/15/2023	1410	x			
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW25	NS	MW	Water	BP	3/14/2023	1245	x			
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW17	NS	MW	Water	BP	3/14/2023	1115	x			
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW28	NS	MW	Water	BP	3/14/2023	1715	x			
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW19	NS	MW	Water	BP	3/14/2023	955	x			
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW21	NS	MW	Water	BP	3/14/2023	1510	x			
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW22	NS	MW	Water	BP	3/14/2023	1420	x			
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW31	NS	MW	Water	BP	3/13/2023	1600	x			
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW08	NS	MW	Water	BP	3/15/2023	1030	x			
Parcel 183(6), Training Area T6 (Naylor Field)	DUP412	FD	MW	Water	BP	3/14/2023	N/A	x			
Parcel 183(6), Training Area T6 (Naylor Field)	DUP413	FD	MW	Water	BP	3/14/2023	N/A	x			

680-232164 Chain of Custody

NOTES:

QC Code. NS = Investigative Sample, FD = Field Duplicate, MS/MSD = Matrix Spike/Matrix Spike Duplicate, EB = Equipment Blank, TB = Trip Blank, WQ = Water Quality, WS = Source Water

Station Type = MW = Monitoring Well, BH = Bore Hole, SD = Sediment, SW = Surface Water, SS = Surface Soil, SU = Sump, WS = Waste Solid/Soil, WW = Waste Water

White Copy = Lab COC, Yellow COC = Field Copy, Pink COC = Data Mgmt

Double the number of bottles for MS/MSD

COMMENTS: See Task Order 093 for required list of VOCs and metals.

Relinquished by (Signature)

Date/Time 3-16-2023 1100

Received by (Signature) FedEx

Relinquished by (Signature)

Date/Time.

Received by (Signature) TA 3-17-23/1030

0.4/0.4

MATRIX ENVIRONMENTAL SERVICES CHAIN OF CUSTODY RECORD

COC Number 6828
Cooler ID 1 of 1
Page 2 of

Laboratory Eurofins
Lab Contact Noel Savoie and Beth Daughtry
MES Contact Betty Van Pelt
MES Phone 801-699-1246
Project Parcel 183(6), Training Area T6 (Naylor Field)
Task # 22.094.23-11.1
Lab contract: 22.094.23-11.1.500

Samplers Signature

Site	Station ID	QC Code	Station Code	Matrix	Sample Method	Date Collected	Sample Time	Analysis: SW8260D - VOC 3 - 40 ml vials, HCl	Analysis: RSK-175 -MEE 3 - 40 ml vials, HCl	Analysis: TOC - SW9060 2 - 40 mL amber VOA H2SO4	Analysis: SW8260D - VOC TB 2 - 40 ml vials, HCl
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW20	NS	MW	Water	BP	3/15/2023	1135	X	X	X	
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW09	NS	MW	Water	BP	3/15/2023	1300	X	X	X	
Parcel 183(6), Training Area T6 (Naylor Field)	TB609	TB	TB	Water	Grab	3/16/2023	830				X

NOTES:
QC Code NS = Investigative Sample, FD = Field Duplicate, MS/MSD = Matrix Spike/Matrix Spike Duplicate, EB = Equipment Blank, TB = Trip Blank, WQ = Water Quality, WS = Source Water
Station Type = MW = Monitoring Well, BH = Bore Hole, SD = Sediment, SW = Surface Water, SS = Surface Soil, SU = Sump, WS = Waste Solid/Soil, WW = Waste Water
White Copy = Lab COC, Yellow COC = Field Copy, Pink COC = Data Mgmt
Double the number of bottles for MS/MSD
COMMENTS: See Task Order 093 for required list of VOCs and metals.

Relinquished by (Signature)
Date/Time 3-16-2023 1100
Received by (Signature) Fedex

Relinquished by (Signature)
Date/Time
Received by (Signature) 3-17-23 1030

Login Sample Receipt Checklist

Client: Matrix Environmental Services, LLC

Job Number: 680-232164-1

Login Number: 232164

List Source: Eurofins Savannah

List Number: 1

Creator: Sims, Robert D

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Ms. Betty Van Pelt
Matrix Environmental Services, LLC
707 17th Street
Suite 3150
Denver, Colorado 80202

Generated 3/31/2023 8:01:56 PM

JOB DESCRIPTION

Parcel 183(6), Training Area T6 (Naylor Field)

JOB NUMBER

680-232387-1

Eurofins Savannah
5102 LaRoche Avenue
Savannah GA 31404

See page two for job notes and contact information.

my EOL

Job Notes

The test results in this report meet NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted. Results pertain only to samples listed in this report. This report may not be reproduced, except in full, without the written approval of the laboratory. Questions should be directed to the person who signed this report.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization

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3/31/2023 8:01:56 PM

Authorized for release by
Noel Savoie, Project Manager I
Noel.Savoie@et.eurofinsus.com
(850)254-0107

Definitions/Glossary

Client: Matrix Environmental Services, LLC
Job ID: 680-232387-1
Project/Site: Parcel 183(6), Training Area T6 (Naylor Field)

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Matrix Environmental Services, LLC
Job ID: 680-232387-1
Project/Site: Parcel 183(6), Training Area T6 (Naylor Field)

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-232387-1	CWM-183-MW13	Water	03/20/23 11:15	03/22/23 10:30
680-232387-2	CWM-183-MW15	Water	03/20/23 09:55	03/22/23 10:30
680-232387-3	CWM-183-MW16	Water	03/20/23 09:00	03/22/23 10:30
680-232387-4	CWM-183-MW04	Water	03/20/23 12:20	03/22/23 10:30
680-232387-5	CWM-183-MW11	Water	03/20/23 15:15	03/22/23 10:30
680-232387-6	CWM-183-MW23	Water	03/20/23 17:20	03/22/23 10:30
680-232387-7	CWM-183-MW06	Water	03/20/23 16:15	03/22/23 10:30
680-232387-8	TB610	Water	03/21/23 07:41	03/22/23 10:30

Job ID: 680-232387-1

Laboratory: Eurofins Savannah

Narrative

Job Narrative
680-232387-1

Receipt
The samples were received on 3/22/2023 10:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.7°C

GC/MS VOA
Method 8260D: The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): CWM-183-MW13 (680-232387-1). The container labels list CWM-183-MW13, while the COC lists CWM-183-MW07. The client was contacted, and the lab was instructed to use the container ID.

Method 8260D: The following sample was diluted to bring the concentration of target analytes within the calibration range: CWM-183-MW23 (680-232387-6). Elevated reporting limits (RLs) are provided.

Method 8260D: The laboratory control sample/laboratory control sample duplicate (LCS/LCSD) for analytical batch 680-769994 recovered outside control limits for the following analytes: Chloroethane and Chloromethane. Chloroethane and Chloromethane have been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method 8260D: The laboratory control sample (LCS) for analytical batch 680-770207 recovered outside control limits for the following analytes: Bromoform, 1,2-Dibromo-3-Chloropropane, trans-1,4-Dichloro-2-butene and Iodomethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The laboratory control sample duplicate (LCSD) for analytical batch 680-770207 recovered outside control limits for the following analytes: Bromoform, trans-1,4-Dichloro-2-butene and Iodomethane. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The matrix spike/matrix spike duplicate (MS/MSD) recoveries for analytical batch 680-770207 were outside advisory control limits for one or more analytes, see QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample ID: CWM-183-MW13
Lab Sample ID: 680-232387-1
Date Collected: 03/20/23 11:15
Matrix: Water
Date Received: 03/22/23 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			03/28/23 17:51	1
Acrylonitrile	5.5	U	20	5.5	ug/L			03/28/23 17:51	1
Benzene	0.27	U	1.0	0.27	ug/L			03/28/23 17:51	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			03/28/23 17:51	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			03/28/23 17:51	1
Bromoform	0.59	U	1.0	0.59	ug/L			03/28/23 17:51	1
Bromomethane	3.7	U	5.0	3.7	ug/L			03/28/23 17:51	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			03/28/23 17:51	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			03/28/23 17:51	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			03/28/23 17:51	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			03/28/23 17:51	1
Chloroethane	4.6	U *+	5.0	4.6	ug/L			03/28/23 17:51	1
Chloroform	**0.32**	**J**	1.0	0.27	ug/L			03/28/23 17:51	1
Chloromethane	0.54	U *-	1.0	0.54	ug/L			03/28/23 17:51	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			03/28/23 17:51	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			03/28/23 17:51	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			03/28/23 17:51	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			03/28/23 17:51	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			03/28/23 17:51	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			03/28/23 17:51	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			03/28/23 17:51	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			03/28/23 17:51	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			03/28/23 17:51	1
cis-1,2-Dichloroethene	**62**		1.0	0.25	ug/L			03/28/23 17:51	1
trans-1,2-Dichloroethene	**6.2**		1.0	0.34	ug/L			03/28/23 17:51	1
1,1-Dichloroethene	**9.3**		1.0	0.33	ug/L			03/28/23 17:51	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			03/28/23 17:51	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/28/23 17:51	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			03/28/23 17:51	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			03/28/23 17:51	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			03/28/23 17:51	1
2-Hexanone	3.2	U	10	3.2	ug/L			03/28/23 17:51	1
Iodomethane	3.9	U	10	3.9	ug/L			03/28/23 17:51	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			03/28/23 17:51	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			03/28/23 17:51	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			03/28/23 17:51	1
Styrene	0.27	U	1.0	0.27	ug/L			03/28/23 17:51	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			03/28/23 17:51	1
1,1,2,2-Tetrachloroethane	**5.9**		1.0	0.40	ug/L			03/28/23 17:51	1
Tetrachloroethylene	**0.87**		0.50	0.35	ug/L			03/28/23 17:51	1
Toluene	0.25	U	1.0	0.25	ug/L			03/28/23 17:51	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			03/28/23 17:51	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			03/28/23 17:51	1
Trichloroethene	**520**		10	2.0	ug/L			03/29/23 15:04	10
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			03/28/23 17:51	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			03/28/23 17:51	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			03/28/23 17:51	1
Vinyl chloride	**8.4**		1.0	0.40	ug/L			03/28/23 17:51	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			03/28/23 17:51	1

Client Sample ID: CWM-183-MW13
Lab Sample ID: 680-232387-1

Date Collected: 03/20/23 11:15
Matrix: Water
Date Received: 03/22/23 10:30

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*109*		*70 - 130*		*03/28/23 17:51*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*03/29/23 15:04*	*10*
1,2-Dichloroethane-d4 (Surr)	*91*		*60 - 124*		*03/28/23 17:51*	*1*
1,2-Dichloroethane-d4 (Surr)	*119*		*60 - 124*		*03/29/23 15:04*	*10*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*03/28/23 17:51*	*1*
Dibromofluoromethane (Surr)	*116*		*70 - 130*		*03/29/23 15:04*	*10*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*03/28/23 17:51*	*1*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*		*03/29/23 15:04*	*10*

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	**0.72**	**J**	1.1	0.30	ug/L			03/24/23 17:24	1
Ethylene	**0.92**	**J**	1.0	0.31	ug/L			03/24/23 17:24	1
Methane	**66**		0.58	0.57	ug/L			03/24/23 17:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060)	**1.1**		1.0	0.50	mg/L			03/29/23 18:01	1

Client Sample ID: CWM-183-MW15
Lab Sample ID: 680-232387-2

Date Collected: 03/20/23 09:55
Matrix: Water
Date Received: 03/22/23 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			03/28/23 18:16	1
Acrylonitrile	5.5	U	20	5.5	ug/L			03/28/23 18:16	1
Benzene	0.27	U	1.0	0.27	ug/L			03/28/23 18:16	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			03/28/23 18:16	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			03/28/23 18:16	1
Bromoform	0.59	U	1.0	0.59	ug/L			03/28/23 18:16	1
Bromomethane	3.7	U	5.0	3.7	ug/L			03/28/23 18:16	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			03/28/23 18:16	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			03/28/23 18:16	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			03/28/23 18:16	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			03/28/23 18:16	1
Chloroethane	4.6	U *+	5.0	4.6	ug/L			03/28/23 18:16	1
Chloroform	0.27	U	1.0	0.27	ug/L			03/28/23 18:16	1
Chloromethane	0.54	U *-	1.0	0.54	ug/L			03/28/23 18:16	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			03/28/23 18:16	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			03/28/23 18:16	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			03/28/23 18:16	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			03/28/23 18:16	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			03/28/23 18:16	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			03/28/23 18:16	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			03/28/23 18:16	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			03/28/23 18:16	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			03/28/23 18:16	1
cis-1,2-Dichloroethene	**0.76**	**J**	1.0	0.25	ug/L			03/28/23 18:16	1
trans-1,2-Dichloroethene	0.34	U	1.0	0.34	ug/L			03/28/23 18:16	1

Client: Matrix Environmental Services, LLC
Job ID: 680-232387-1
Project/Site: Parcel 183(6), Training Area T6 (Naylor Field)

Client Sample ID: CWM-183-MW15
Lab Sample ID: 680-232387-2
Date Collected: 03/20/23 09:55
Matrix: Water
Date Received: 03/22/23 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			03/28/23 18:16	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			03/28/23 18:16	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/28/23 18:16	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			03/28/23 18:16	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			03/28/23 18:16	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			03/28/23 18:16	1
2-Hexanone	3.2	U	10	3.2	ug/L			03/28/23 18:16	1
Iodomethane	3.9	U	10	3.9	ug/L			03/28/23 18:16	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			03/28/23 18:16	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			03/28/23 18:16	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			03/28/23 18:16	1
Styrene	0.27	U	1.0	0.27	ug/L			03/28/23 18:16	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			03/28/23 18:16	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			03/28/23 18:16	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			03/28/23 18:16	1
Toluene	0.25	U	1.0	0.25	ug/L			03/28/23 18:16	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			03/28/23 18:16	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			03/28/23 18:16	1
Trichloroethene	**0.92**	**J**	1.0	0.20	ug/L			03/29/23 14:27	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			03/28/23 18:16	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			03/28/23 18:16	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			03/28/23 18:16	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			03/28/23 18:16	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			03/28/23 18:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*108*		*70 - 130*		*03/28/23 18:16*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*03/29/23 14:27*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*60 - 124*		*03/28/23 18:16*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*60 - 124*		*03/29/23 14:27*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*03/28/23 18:16*	*1*
Dibromofluoromethane (Surr)	*112*		*70 - 130*		*03/29/23 14:27*	*1*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*		*03/28/23 18:16*	*1*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*		*03/29/23 14:27*	*1*

Client Sample ID: CWM-183-MW16
Lab Sample ID: 680-232387-3
Date Collected: 03/20/23 09:00
Matrix: Water
Date Received: 03/22/23 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			03/28/23 18:40	1
Acrylonitrile	5.5	U	20	5.5	ug/L			03/28/23 18:40	1
Benzene	0.27	U	1.0	0.27	ug/L			03/28/23 18:40	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			03/28/23 18:40	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			03/28/23 18:40	1
Bromoform	0.59	U	1.0	0.59	ug/L			03/28/23 18:40	1
Bromomethane	3.7	U	5.0	3.7	ug/L			03/28/23 18:40	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			03/28/23 18:40	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			03/28/23 18:40	1

Client Sample ID: CWM-183-MW16
Lab Sample ID: 680-232387-3
Date Collected: 03/20/23 09:00
Matrix: Water
Date Received: 03/22/23 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			03/28/23 18:40	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			03/28/23 18:40	1
Chloroethane	4.6	U *+	5.0	4.6	ug/L			03/28/23 18:40	1
Chloroform	0.27	U	1.0	0.27	ug/L			03/28/23 18:40	1
Chloromethane	0.54	U *-	1.0	0.54	ug/L			03/28/23 18:40	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			03/28/23 18:40	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			03/28/23 18:40	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			03/28/23 18:40	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			03/28/23 18:40	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			03/28/23 18:40	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			03/28/23 18:40	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			03/28/23 18:40	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			03/28/23 18:40	1
1,2-Dichloroethane	**0.32**	**J**	1.0	0.25	ug/L			03/28/23 18:40	1
cis-1,2-Dichloroethene	**4.5**		1.0	0.25	ug/L			03/28/23 18:40	1
trans-1,2-Dichloroethene	**5.3**		1.0	0.34	ug/L			03/28/23 18:40	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			03/28/23 18:40	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			03/28/23 18:40	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/28/23 18:40	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			03/28/23 18:40	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			03/28/23 18:40	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			03/28/23 18:40	1
2-Hexanone	3.2	U	10	3.2	ug/L			03/28/23 18:40	1
Iodomethane	3.9	U	10	3.9	ug/L			03/28/23 18:40	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			03/28/23 18:40	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			03/28/23 18:40	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			03/28/23 18:40	1
Styrene	0.27	U	1.0	0.27	ug/L			03/28/23 18:40	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			03/28/23 18:40	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			03/28/23 18:40	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			03/28/23 18:40	1
Toluene	0.25	U	1.0	0.25	ug/L			03/28/23 18:40	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			03/28/23 18:40	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			03/28/23 18:40	1
Trichloroethene	**3.9**		1.0	0.20	ug/L			03/28/23 18:40	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			03/28/23 18:40	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			03/28/23 18:40	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			03/28/23 18:40	1
Vinyl chloride	**7.0**		1.0	0.40	ug/L			03/28/23 18:40	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			03/28/23 18:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*108*		*70 - 130*		*03/28/23 18:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*89*		*60 - 124*		*03/28/23 18:40*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*03/28/23 18:40*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*03/28/23 18:40*	*1*

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 183(6), Training Area T6 (Naylor Field)

Job ID: 680-232387-1

Client Sample ID: CWM-183-MW04
Date Collected: 03/20/23 12:20
Date Received: 03/22/23 10:30

Lab Sample ID: 680-232387-4
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			03/28/23 19:28	1
Acrylonitrile	5.5	U	20	5.5	ug/L			03/28/23 19:28	1
Benzene	0.27	U	1.0	0.27	ug/L			03/28/23 19:28	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			03/28/23 19:28	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			03/28/23 19:28	1
Bromoform	0.59	U	1.0	0.59	ug/L			03/28/23 19:28	1
Bromomethane	3.7	U	5.0	3.7	ug/L			03/28/23 19:28	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			03/28/23 19:28	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			03/28/23 19:28	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			03/28/23 19:28	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			03/28/23 19:28	1
Chloroethane	4.6	U *+	5.0	4.6	ug/L			03/28/23 19:28	1
Chloroform	0.27	U	1.0	0.27	ug/L			03/28/23 19:28	1
Chloromethane	0.54	U *-	1.0	0.54	ug/L			03/28/23 19:28	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			03/28/23 19:28	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			03/28/23 19:28	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			03/28/23 19:28	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			03/28/23 19:28	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			03/28/23 19:28	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			03/28/23 19:28	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			03/28/23 19:28	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			03/28/23 19:28	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			03/28/23 19:28	1
cis-1,2-Dichloroethene	**3.8**		1.0	0.25	ug/L			03/28/23 19:28	1
trans-1,2-Dichloroethene	**2.4**		1.0	0.34	ug/L			03/28/23 19:28	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			03/28/23 19:28	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			03/28/23 19:28	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/28/23 19:28	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			03/28/23 19:28	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			03/28/23 19:28	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			03/28/23 19:28	1
2-Hexanone	3.2	U	10	3.2	ug/L			03/28/23 19:28	1
Iodomethane	3.9	U	10	3.9	ug/L			03/28/23 19:28	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			03/28/23 19:28	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			03/28/23 19:28	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			03/28/23 19:28	1
Styrene	0.27	U	1.0	0.27	ug/L			03/28/23 19:28	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			03/28/23 19:28	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			03/28/23 19:28	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			03/28/23 19:28	1
Toluene	0.25	U	1.0	0.25	ug/L			03/28/23 19:28	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			03/28/23 19:28	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			03/28/23 19:28	1
Trichloroethene	**0.85**	**J**	1.0	0.20	ug/L			03/28/23 19:28	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			03/28/23 19:28	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			03/28/23 19:28	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			03/28/23 19:28	1
Vinyl chloride	**4.8**		1.0	0.40	ug/L			03/28/23 19:28	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			03/28/23 19:28	1

Client Sample ID: CWM-183-MW04
Lab Sample ID: 680-232387-4

Date Collected: 03/20/23 12:20
Matrix: Water
Date Received: 03/22/23 10:30

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*109*		*70 - 130*		*03/28/23 19:28*	*1*
1,2-Dichloroethane-d4 (Surr)	*92*		*60 - 124*		*03/28/23 19:28*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*03/28/23 19:28*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*03/28/23 19:28*	*1*

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	**0.30**	**J**	1.1	0.30	ug/L			03/24/23 17:36	1
Ethylene	**0.91**	**J**	1.0	0.31	ug/L			03/24/23 17:36	1
Methane	**98**		0.58	0.57	ug/L			03/24/23 17:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060)	**2.8**		1.0	0.50	mg/L			03/29/23 18:18	1

Client Sample ID: CWM-183-MW11
Lab Sample ID: 680-232387-5

Date Collected: 03/20/23 15:15
Matrix: Water
Date Received: 03/22/23 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			03/28/23 17:27	1
Acrylonitrile	5.5	U	20	5.5	ug/L			03/28/23 17:27	1
Benzene	0.27	U	1.0	0.27	ug/L			03/28/23 17:27	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			03/28/23 17:27	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			03/28/23 17:27	1
Bromoform	0.59	U	1.0	0.59	ug/L			03/28/23 17:27	1
Bromomethane	3.7	U	5.0	3.7	ug/L			03/28/23 17:27	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			03/28/23 17:27	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			03/28/23 17:27	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			03/28/23 17:27	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			03/28/23 17:27	1
Chloroethane	4.6	U *+	5.0	4.6	ug/L			03/28/23 17:27	1
Chloroform	0.27	U	1.0	0.27	ug/L			03/28/23 17:27	1
Chloromethane	0.54	U *-	1.0	0.54	ug/L			03/28/23 17:27	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			03/28/23 17:27	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			03/28/23 17:27	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			03/28/23 17:27	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			03/28/23 17:27	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			03/28/23 17:27	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			03/28/23 17:27	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			03/28/23 17:27	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			03/28/23 17:27	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			03/28/23 17:27	1
cis-1,2-Dichloroethene	**3.7**		1.0	0.25	ug/L			03/28/23 17:27	1
trans-1,2-Dichloroethene	0.34	U	1.0	0.34	ug/L			03/28/23 17:27	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			03/28/23 17:27	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			03/28/23 17:27	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/28/23 17:27	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			03/28/23 17:27	1

Client Sample ID: CWM-183-MW11
Lab Sample ID: 680-232387-5

Date Collected: 03/20/23 15:15
Matrix: Water
Date Received: 03/22/23 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			03/28/23 17:27	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			03/28/23 17:27	1
2-Hexanone	3.2	U	10	3.2	ug/L			03/28/23 17:27	1
Iodomethane	3.9	U	10	3.9	ug/L			03/28/23 17:27	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			03/28/23 17:27	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			03/28/23 17:27	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			03/28/23 17:27	1
Styrene	0.27	U	1.0	0.27	ug/L			03/28/23 17:27	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			03/28/23 17:27	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			03/28/23 17:27	1
Tetrachloroethylene	**0.46**	**J**	0.50	0.35	ug/L			03/28/23 17:27	1
Toluene	0.25	U	1.0	0.25	ug/L			03/28/23 17:27	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			03/28/23 17:27	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			03/28/23 17:27	1
Trichloroethene	**51**		1.0	0.20	ug/L			03/28/23 17:27	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			03/28/23 17:27	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			03/28/23 17:27	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			03/28/23 17:27	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			03/28/23 17:27	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			03/28/23 17:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*109*		*70 - 130*		*03/28/23 17:27*	*1*
1,2-Dichloroethane-d4 (Surr)	*89*		*60 - 124*		*03/28/23 17:27*	*1*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*03/28/23 17:27*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*03/28/23 17:27*	*1*

Client Sample ID: CWM-183-MW23
Lab Sample ID: 680-232387-6

Date Collected: 03/20/23 17:20
Matrix: Water
Date Received: 03/22/23 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	74	U	200	74	ug/L			03/28/23 20:41	20
Acrylonitrile	110	U	400	110	ug/L			03/28/23 20:41	20
Benzene	5.4	U	20	5.4	ug/L			03/28/23 20:41	20
Bromochloromethane	6.8	U	20	6.8	ug/L			03/28/23 20:41	20
Bromodichloromethane	5.0	U	20	5.0	ug/L			03/28/23 20:41	20
Bromoform	12	U	20	12	ug/L			03/28/23 20:41	20
Bromomethane	74	U	100	74	ug/L			03/28/23 20:41	20
2-Butanone (MEK)	130	U	200	130	ug/L			03/28/23 20:41	20
Carbon disulfide	8.6	U	40	8.6	ug/L			03/28/23 20:41	20
Carbon tetrachloride	6.0	U	20	6.0	ug/L			03/28/23 20:41	20
Chlorobenzene	3.0	U	20	3.0	ug/L			03/28/23 20:41	20
Chloroethane	92	U *+	100	92	ug/L			03/28/23 20:41	20
Chloroform	5.4	U	20	5.4	ug/L			03/28/23 20:41	20
Chloromethane	11	U *-	20	11	ug/L			03/28/23 20:41	20
Dibromochloromethane	7.8	U	20	7.8	ug/L			03/28/23 20:41	20
1,2-Dibromo-3-Chloropropane	36	U	100	36	ug/L			03/28/23 20:41	20
1,2-Dibromoethane	6.6	U	20	6.6	ug/L			03/28/23 20:41	20

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 183(6), Training Area T6 (Naylor Field)

Job ID: 680-232387-1

Client Sample ID: CWM-183-MW23
Date Collected: 03/20/23 17:20
Date Received: 03/22/23 10:30

Lab Sample ID: 680-232387-6
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	6.8	U	20	6.8	ug/L			03/28/23 20:41	20
1,2-Dichlorobenzene	6.2	U	20	6.2	ug/L			03/28/23 20:41	20
1,4-Dichlorobenzene	6.2	U	20	6.2	ug/L			03/28/23 20:41	20
trans-1,4-Dichloro-2-butene	25	U	40	25	ug/L			03/28/23 20:41	20
1,1-Dichloroethane	6.6	U	20	6.6	ug/L			03/28/23 20:41	20
1,2-Dichloroethane	5.0	U	20	5.0	ug/L			03/28/23 20:41	20
cis-1,2-Dichloroethene	**440**		20	5.0	ug/L			03/28/23 20:41	20
trans-1,2-Dichloroethene	**72**		20	6.8	ug/L			03/28/23 20:41	20
1,1-Dichloroethene	6.6	U	20	6.6	ug/L			03/28/23 20:41	20
1,2-Dichloropropane	4.4	U	20	4.4	ug/L			03/28/23 20:41	20
1,3-Dichloropropane	7.2	U	20	7.2	ug/L			03/28/23 20:41	20
cis-1,3-Dichloropropene	5.2	U	20	5.2	ug/L			03/28/23 20:41	20
trans-1,3-Dichloropropene	4.6	U	20	4.6	ug/L			03/28/23 20:41	20
Ethylbenzene	4.0	U	20	4.0	ug/L			03/28/23 20:41	20
2-Hexanone	64	U	200	64	ug/L			03/28/23 20:41	20
Iodomethane	78	U	200	78	ug/L			03/28/23 20:41	20
Methylene Chloride	64	U	100	64	ug/L			03/28/23 20:41	20
4-Methyl-2-pentanone (MIBK)	54	U	200	54	ug/L			03/28/23 20:41	20
Methyl tert-butyl ether	16	U	100	16	ug/L			03/28/23 20:41	20
Styrene	5.4	U	20	5.4	ug/L			03/28/23 20:41	20
1,1,1,2-Tetrachloroethane	7.2	U	20	7.2	ug/L			03/28/23 20:41	20
1,1,2,2-Tetrachloroethane	**33**		20	8.0	ug/L			03/28/23 20:41	20
Tetrachloroethylene	7.0	U	10	7.0	ug/L			03/28/23 20:41	20
Toluene	5.0	U	20	5.0	ug/L			03/28/23 20:41	20
1,1,1-Trichloroethane	4.2	U	20	4.2	ug/L			03/28/23 20:41	20
1,1,2-Trichloroethane	6.4	U	20	6.4	ug/L			03/28/23 20:41	20
Trichloroethene	**4.9**	**J**	20	4.0	ug/L			03/28/23 20:41	20
Trichlorofluoromethane	6.6	U	20	6.6	ug/L			03/28/23 20:41	20
1,2,3-Trichloropropane	9.6	U	20	9.6	ug/L			03/28/23 20:41	20
Vinyl acetate	14	U	40	14	ug/L			03/28/23 20:41	20
Vinyl chloride	**160**		20	8.0	ug/L			03/28/23 20:41	20
Xylenes, Total	4.6	U	20	4.6	ug/L			03/28/23 20:41	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*109*		*70 - 130*		*03/28/23 20:41*	*20*
1,2-Dichloroethane-d4 (Surr)	*91*		*60 - 124*		*03/28/23 20:41*	*20*
Dibromofluoromethane (Surr)	*95*		*70 - 130*		*03/28/23 20:41*	*20*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*		*03/28/23 20:41*	*20*

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	0.30	U	1.1	0.30	ug/L			03/24/23 17:49	1
Ethylene	**2100**		10	3.1	ug/L			03/29/23 13:08	10
Methane (TCD)	**24000**		390	59	ug/L			03/24/23 17:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060)	**49**		1.0	0.50	mg/L			03/29/23 18:40	1

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 183(6), Training Area T6 (Naylor Field)

Job ID: 680-232387-1

Client Sample ID: CWM-183-MW06
Date Collected: 03/20/23 16:15
Date Received: 03/22/23 10:30

Lab Sample ID: 680-232387-7
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			03/29/23 14:46	1
Acrylonitrile	5.5	U	20	5.5	ug/L			03/29/23 14:46	1
Benzene	0.27	U	1.0	0.27	ug/L			03/29/23 14:46	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			03/29/23 14:46	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			03/29/23 14:46	1
Bromoform	0.59	U *+	1.0	0.59	ug/L			03/29/23 14:46	1
Bromomethane	3.7	U	5.0	3.7	ug/L			03/29/23 14:46	1
2-Butanone (MEK)	6.4	U F1	10	6.4	ug/L			03/29/23 14:46	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			03/29/23 14:46	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			03/29/23 14:46	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			03/29/23 14:46	1
Chloroethane	4.6	U	5.0	4.6	ug/L			03/29/23 14:46	1
Chloroform	0.27	U	1.0	0.27	ug/L			03/29/23 14:46	1
Chloromethane	0.54	U	1.0	0.54	ug/L			03/29/23 14:46	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			03/29/23 14:46	1
1,2-Dibromo-3-Chloropropane	1.8	U *+	5.0	1.8	ug/L			03/29/23 14:46	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			03/29/23 14:46	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			03/29/23 14:46	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			03/29/23 14:46	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			03/29/23 14:46	1
trans-1,4-Dichloro-2-butene	1.3	U *+ F1	2.0	1.3	ug/L			03/29/23 14:46	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			03/29/23 14:46	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			03/29/23 14:46	1
cis-1,2-Dichloroethene	0.25	U	1.0	0.25	ug/L			03/29/23 14:46	1
trans-1,2-Dichloroethene	0.34	U	1.0	0.34	ug/L			03/29/23 14:46	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			03/29/23 14:46	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			03/29/23 14:46	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/29/23 14:46	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			03/29/23 14:46	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			03/29/23 14:46	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			03/29/23 14:46	1
2-Hexanone	3.2	U	10	3.2	ug/L			03/29/23 14:46	1
Iodomethane	3.9	U *+ F1	10	3.9	ug/L			03/29/23 14:46	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			03/29/23 14:46	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			03/29/23 14:46	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			03/29/23 14:46	1
Styrene	0.27	U	1.0	0.27	ug/L			03/29/23 14:46	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			03/29/23 14:46	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			03/29/23 14:46	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			03/29/23 14:46	1
Toluene	0.25	U	1.0	0.25	ug/L			03/29/23 14:46	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			03/29/23 14:46	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			03/29/23 14:46	1
Trichloroethene	0.20	U	1.0	0.20	ug/L			03/29/23 14:46	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			03/29/23 14:46	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			03/29/23 14:46	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			03/29/23 14:46	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			03/29/23 14:46	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			03/29/23 14:46	1

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 183(6), Training Area T6 (Naylor Field)

Job ID: 680-232387-1

Client Sample ID: CWM-183-MW06

Lab Sample ID: 680-232387-7

Date Collected: 03/20/23 16:15
Matrix: Water
Date Received: 03/22/23 10:30

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*70 - 130*		*03/29/23 14:46*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*60 - 124*		*03/29/23 14:46*	*1*
Dibromofluoromethane (Surr)	*113*		*70 - 130*		*03/29/23 14:46*	*1*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*		*03/29/23 14:46*	*1*

Client Sample ID: TB610

Lab Sample ID: 680-232387-8

Date Collected: 03/21/23 07:41
Matrix: Water
Date Received: 03/22/23 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			03/28/23 15:01	1
Acrylonitrile	5.5	U	20	5.5	ug/L			03/28/23 15:01	1
Benzene	0.27	U	1.0	0.27	ug/L			03/28/23 15:01	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			03/28/23 15:01	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			03/28/23 15:01	1
Bromoform	0.59	U	1.0	0.59	ug/L			03/28/23 15:01	1
Bromomethane	3.7	U	5.0	3.7	ug/L			03/28/23 15:01	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			03/28/23 15:01	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			03/28/23 15:01	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			03/28/23 15:01	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			03/28/23 15:01	1
Chloroethane	4.6	U *+	5.0	4.6	ug/L			03/28/23 15:01	1
Chloroform	0.27	U	1.0	0.27	ug/L			03/28/23 15:01	1
Chloromethane	0.54	U *-	1.0	0.54	ug/L			03/28/23 15:01	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			03/28/23 15:01	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			03/28/23 15:01	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			03/28/23 15:01	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			03/28/23 15:01	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			03/28/23 15:01	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			03/28/23 15:01	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			03/28/23 15:01	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			03/28/23 15:01	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			03/28/23 15:01	1
cis-1,2-Dichloroethene	0.25	U	1.0	0.25	ug/L			03/28/23 15:01	1
trans-1,2-Dichloroethene	0.34	U	1.0	0.34	ug/L			03/28/23 15:01	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			03/28/23 15:01	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			03/28/23 15:01	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/28/23 15:01	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			03/28/23 15:01	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			03/28/23 15:01	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			03/28/23 15:01	1
2-Hexanone	3.2	U	10	3.2	ug/L			03/28/23 15:01	1
Iodomethane	3.9	U	10	3.9	ug/L			03/28/23 15:01	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			03/28/23 15:01	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			03/28/23 15:01	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			03/28/23 15:01	1
Styrene	0.27	U	1.0	0.27	ug/L			03/28/23 15:01	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			03/28/23 15:01	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			03/28/23 15:01	1

Client: Matrix Environmental Services, LLC
Job ID: 680-232387-1
Project/Site: Parcel 183(6), Training Area T6 (Naylor Field)

Client Sample ID: TB610
Lab Sample ID: 680-232387-8
Date Collected: 03/21/23 07:41
Matrix: Water
Date Received: 03/22/23 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			03/28/23 15:01	1
Toluene	0.25	U	1.0	0.25	ug/L			03/28/23 15:01	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			03/28/23 15:01	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			03/28/23 15:01	1
Trichloroethene	0.20	U	1.0	0.20	ug/L			03/28/23 15:01	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			03/28/23 15:01	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			03/28/23 15:01	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			03/28/23 15:01	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			03/28/23 15:01	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			03/28/23 15:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*110*		*70 - 130*		*03/28/23 15:01*	*1*
1,2-Dichloroethane-d4 (Surr)	*90*		*60 - 124*		*03/28/23 15:01*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*03/28/23 15:01*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*03/28/23 15:01*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 680-769994/9
Matrix: Water
Analysis Batch: 769994

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			03/28/23 14:11	1
Acrylonitrile	5.5	U	20	5.5	ug/L			03/28/23 14:11	1
Benzene	0.27	U	1.0	0.27	ug/L			03/28/23 14:11	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			03/28/23 14:11	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			03/28/23 14:11	1
Bromoform	0.59	U	1.0	0.59	ug/L			03/28/23 14:11	1
Bromomethane	3.7	U	5.0	3.7	ug/L			03/28/23 14:11	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			03/28/23 14:11	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			03/28/23 14:11	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			03/28/23 14:11	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			03/28/23 14:11	1
Chloroethane	4.6	U	5.0	4.6	ug/L			03/28/23 14:11	1
Chloroform	0.27	U	1.0	0.27	ug/L			03/28/23 14:11	1
Chloromethane	0.54	U	1.0	0.54	ug/L			03/28/23 14:11	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			03/28/23 14:11	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			03/28/23 14:11	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			03/28/23 14:11	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			03/28/23 14:11	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			03/28/23 14:11	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			03/28/23 14:11	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			03/28/23 14:11	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			03/28/23 14:11	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			03/28/23 14:11	1
cis-1,2-Dichloroethene	0.25	U	1.0	0.25	ug/L			03/28/23 14:11	1
trans-1,2-Dichloroethene	0.34	U	1.0	0.34	ug/L			03/28/23 14:11	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			03/28/23 14:11	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			03/28/23 14:11	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/28/23 14:11	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			03/28/23 14:11	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			03/28/23 14:11	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			03/28/23 14:11	1
2-Hexanone	3.2	U	10	3.2	ug/L			03/28/23 14:11	1
Iodomethane	3.9	U	10	3.9	ug/L			03/28/23 14:11	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			03/28/23 14:11	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			03/28/23 14:11	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			03/28/23 14:11	1
Styrene	0.27	U	1.0	0.27	ug/L			03/28/23 14:11	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			03/28/23 14:11	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			03/28/23 14:11	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			03/28/23 14:11	1
Toluene	0.25	U	1.0	0.25	ug/L			03/28/23 14:11	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			03/28/23 14:11	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			03/28/23 14:11	1
Trichloroethene	0.20	U	1.0	0.20	ug/L			03/28/23 14:11	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			03/28/23 14:11	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			03/28/23 14:11	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			03/28/23 14:11	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			03/28/23 14:11	1

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

Lab Sample ID: MB 680-769994/9
Matrix: Water
Analysis Batch: 769994

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	0.23	U	1.0	0.23	ug/L			03/28/23 14:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*109*		*70 - 130*		*03/28/23 14:11*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*60 - 124*		*03/28/23 14:11*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*03/28/23 14:11*	*1*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*		*03/28/23 14:11*	*1*

Lab Sample ID: LCS 680-769994/5
Matrix: Water
Analysis Batch: 769994

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	250	203		ug/L		81	67 - 120
Acrylonitrile	500	403		ug/L		81	70 - 130
Benzene	50.0	45.1		ug/L		90	70 - 130
Bromochloromethane	50.0	48.4		ug/L		97	70 - 130
Bromodichloromethane	50.0	45.1		ug/L		90	70 - 130
Bromoform	50.0	49.1		ug/L		98	69 - 129
Bromomethane	50.0	69.0		ug/L		138	28 - 192
2-Butanone (MEK)	250	217		ug/L		87	69 - 120
Carbon disulfide	50.0	44.1		ug/L		88	70 - 130
Carbon tetrachloride	50.0	46.4		ug/L		93	70 - 130
Chlorobenzene	50.0	55.2		ug/L		110	70 - 130
Chloroethane	50.0	127	*+	ug/L		253	31 - 213
Chloroform	50.0	47.3		ug/L		95	70 - 130
Chloromethane	50.0	25.4	*-	ug/L		51	59 - 127
Dibromochloromethane	50.0	45.9		ug/L		92	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	44.8		ug/L		90	70 - 130
1,2-Dibromoethane	50.0	47.6		ug/L		95	70 - 130
Dibromomethane	50.0	48.4		ug/L		97	70 - 130
1,2-Dichlorobenzene	50.0	50.5		ug/L		101	70 - 130
1,4-Dichlorobenzene	50.0	51.0		ug/L		102	70 - 130
trans-1,4-Dichloro-2-butene	50.0	37.8		ug/L		76	67 - 120
1,1-Dichloroethane	50.0	43.8		ug/L		88	70 - 130
1,2-Dichloroethane	50.0	45.2		ug/L		90	70 - 130
cis-1,2-Dichloroethene	50.0	43.4		ug/L		87	70 - 130
trans-1,2-Dichloroethene	50.0	48.0		ug/L		96	70 - 130
1,1-Dichloroethene	50.0	48.0		ug/L		96	70 - 130
1,2-Dichloropropane	50.0	41.7		ug/L		83	70 - 130
1,3-Dichloropropane	50.0	44.7		ug/L		89	70 - 130
cis-1,3-Dichloropropene	50.0	43.7		ug/L		87	70 - 130
trans-1,3-Dichloropropene	50.0	42.7		ug/L		85	70 - 130
Ethylbenzene	50.0	54.9		ug/L		110	70 - 130
2-Hexanone	250	175		ug/L		70	70 - 130
Iodomethane	50.0	50.2		ug/L		100	52 - 129
Methylene Chloride	50.0	44.6		ug/L		89	70 - 130
4-Methyl-2-pentanone (MIBK)	250	180		ug/L		72	68 - 120

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

Lab Sample ID: LCS 680-769994/5
Matrix: Water
Analysis Batch: 769994

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methyl tert-butyl ether	50.0	46.7		ug/L		93	70 - 130
Styrene	50.0	54.0		ug/L		108	70 - 130
1,1,1,2-Tetrachloroethane	50.0	53.8		ug/L		108	70 - 130
1,1,2,2-Tetrachloroethane	50.0	49.8		ug/L		100	70 - 130
Tetrachloroethylene	50.0	48.4		ug/L		97	70 - 130
Toluene	50.0	47.2		ug/L		94	70 - 130
1,1,1-Trichloroethane	50.0	48.1		ug/L		96	70 - 130
1,1,2-Trichloroethane	50.0	45.1		ug/L		90	70 - 130
Trichloroethene	50.0	48.2		ug/L		96	70 - 130
Trichlorofluoromethane	50.0	50.1		ug/L		100	63 - 142
1,2,3-Trichloropropane	50.0	55.7		ug/L		111	70 - 130
Vinyl acetate	100	82.6		ug/L		83	67 - 135
Vinyl chloride	50.0	36.8		ug/L		74	66 - 129
Xylenes, Total	100	108		ug/L		108	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*110*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*90*		*60 - 124*
Dibromofluoromethane (Surr)	*102*		*70 - 130*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*

Lab Sample ID: LCSD 680-769994/6
Matrix: Water
Analysis Batch: 769994

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	250	215		ug/L		86	67 - 120	6	30
Acrylonitrile	500	416		ug/L		83	70 - 130	3	30
Benzene	50.0	45.1		ug/L		90	70 - 130	0	30
Bromochloromethane	50.0	49.2		ug/L		98	70 - 130	1	30
Bromodichloromethane	50.0	45.0		ug/L		90	70 - 130	0	30
Bromoform	50.0	50.5		ug/L		101	69 - 129	3	30
Bromomethane	50.0	69.4		ug/L		139	28 - 192	1	30
2-Butanone (MEK)	250	227		ug/L		91	69 - 120	5	30
Carbon disulfide	50.0	43.6		ug/L		87	70 - 130	1	30
Carbon tetrachloride	50.0	45.7		ug/L		91	70 - 130	1	30
Chlorobenzene	50.0	55.1		ug/L		110	70 - 130	0	30
Chloroethane	50.0	127	*+	ug/L		253	31 - 213	0	30
Chloroform	50.0	47.7		ug/L		95	70 - 130	1	30
Chloromethane	50.0	24.4	*-	ug/L		49	59 - 127	4	30
Dibromochloromethane	50.0	46.9		ug/L		94	70 - 130	2	30
1,2-Dibromo-3-Chloropropane	50.0	47.4		ug/L		95	70 - 130	6	30
1,2-Dibromoethane	50.0	48.1		ug/L		96	70 - 130	1	30
Dibromomethane	50.0	49.3		ug/L		99	70 - 130	2	30
1,2-Dichlorobenzene	50.0	50.7		ug/L		101	70 - 130	0	30
1,4-Dichlorobenzene	50.0	50.6		ug/L		101	70 - 130	1	30
trans-1,4-Dichloro-2-butene	50.0	40.1		ug/L		80	67 - 120	6	30
1,1-Dichloroethane	50.0	44.3		ug/L		89	70 - 130	1	30

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

Lab Sample ID: LCSD 680-769994/6
Matrix: Water
Analysis Batch: 769994

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dichloroethane	50.0	45.9		ug/L		92	70 - 130	2	50
cis-1,2-Dichloroethene	50.0	43.6		ug/L		87	70 - 130	0	30
trans-1,2-Dichloroethene	50.0	48.8		ug/L		98	70 - 130	2	30
1,1-Dichloroethene	50.0	46.8		ug/L		94	70 - 130	2	20
1,2-Dichloropropane	50.0	42.0		ug/L		84	70 - 130	1	20
1,3-Dichloropropane	50.0	45.8		ug/L		92	70 - 130	3	20
cis-1,3-Dichloropropene	50.0	44.3		ug/L		89	70 - 130	1	20
trans-1,3-Dichloropropene	50.0	43.8		ug/L		88	70 - 130	3	30
Ethylbenzene	50.0	54.4		ug/L		109	70 - 130	1	20
2-Hexanone	250	180		ug/L		72	70 - 130	3	20
Iodomethane	50.0	50.0		ug/L		100	52 - 129	0	30
Methylene Chloride	50.0	46.0		ug/L		92	70 - 130	3	30
4-Methyl-2-pentanone (MIBK)	250	185		ug/L		74	68 - 120	3	30
Methyl tert-butyl ether	50.0	47.0		ug/L		94	70 - 130	1	30
Styrene	50.0	53.8		ug/L		108	70 - 130	0	30
1,1,1,2-Tetrachloroethane	50.0	54.0		ug/L		108	70 - 130	1	30
1,1,2,2-Tetrachloroethane	50.0	51.1		ug/L		102	70 - 130	2	30
Tetrachloroethylene	50.0	48.7		ug/L		97	70 - 130	1	30
Toluene	50.0	47.4		ug/L		95	70 - 130	0	30
1,1,1-Trichloroethane	50.0	48.4		ug/L		97	70 - 130	1	30
1,1,2-Trichloroethane	50.0	45.8		ug/L		92	70 - 130	2	30
Trichloroethene	50.0	48.5		ug/L		97	70 - 130	0	30
Trichlorofluoromethane	50.0	50.4		ug/L		101	63 - 142	1	30
1,2,3-Trichloropropane	50.0	57.3		ug/L		115	70 - 130	3	30
Vinyl acetate	100	84.0		ug/L		84	67 - 135	2	30
Vinyl chloride	50.0	37.6		ug/L		75	66 - 129	2	30
Xylenes, Total	100	109		ug/L		109	70 - 130	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*110*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*91*		*60 - 124*
Dibromofluoromethane (Surr)	*102*		*70 - 130*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*

Lab Sample ID: MB 680-770207/8
Matrix: Water
Analysis Batch: 770207

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			03/29/23 13:09	1
Acrylonitrile	5.5	U	20	5.5	ug/L			03/29/23 13:09	1
Benzene	0.27	U	1.0	0.27	ug/L			03/29/23 13:09	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			03/29/23 13:09	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			03/29/23 13:09	1
Bromoform	0.59	U	1.0	0.59	ug/L			03/29/23 13:09	1
Bromomethane	3.7	U	5.0	3.7	ug/L			03/29/23 13:09	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			03/29/23 13:09	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			03/29/23 13:09	1

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

Lab Sample ID: MB 680-770207/8
Matrix: Water
Analysis Batch: 770207

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			03/29/23 13:09	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			03/29/23 13:09	1
Chloroethane	4.6	U	5.0	4.6	ug/L			03/29/23 13:09	1
Chloroform	0.27	U	1.0	0.27	ug/L			03/29/23 13:09	1
Chloromethane	0.54	U	1.0	0.54	ug/L			03/29/23 13:09	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			03/29/23 13:09	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			03/29/23 13:09	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			03/29/23 13:09	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			03/29/23 13:09	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			03/29/23 13:09	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			03/29/23 13:09	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			03/29/23 13:09	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			03/29/23 13:09	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			03/29/23 13:09	1
cis-1,2-Dichloroethene	0.25	U	1.0	0.25	ug/L			03/29/23 13:09	1
trans-1,2-Dichloroethene	0.34	U	1.0	0.34	ug/L			03/29/23 13:09	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			03/29/23 13:09	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			03/29/23 13:09	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			03/29/23 13:09	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			03/29/23 13:09	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			03/29/23 13:09	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			03/29/23 13:09	1
2-Hexanone	3.2	U	10	3.2	ug/L			03/29/23 13:09	1
Iodomethane	3.9	U	10	3.9	ug/L			03/29/23 13:09	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			03/29/23 13:09	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			03/29/23 13:09	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			03/29/23 13:09	1
Styrene	0.27	U	1.0	0.27	ug/L			03/29/23 13:09	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			03/29/23 13:09	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			03/29/23 13:09	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			03/29/23 13:09	1
Toluene	0.25	U	1.0	0.25	ug/L			03/29/23 13:09	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			03/29/23 13:09	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			03/29/23 13:09	1
Trichloroethene	0.20	U	1.0	0.20	ug/L			03/29/23 13:09	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			03/29/23 13:09	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			03/29/23 13:09	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			03/29/23 13:09	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			03/29/23 13:09	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			03/29/23 13:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*70 - 130*		*03/29/23 13:09*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*60 - 124*		*03/29/23 13:09*	*1*
Dibromofluoromethane (Surr)	*112*		*70 - 130*		*03/29/23 13:09*	*1*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*		*03/29/23 13:09*	*1*

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

Lab Sample ID: LCS 680-770207/4
Matrix: Water
Analysis Batch: 770207

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	250	248		ug/L		99	67 - 120
Acrylonitrile	500	494		ug/L		99	70 - 130
Benzene	50.0	47.2		ug/L		94	70 - 130
Bromochloromethane	50.0	55.0		ug/L		110	70 - 130
Bromodichloromethane	50.0	52.9		ug/L		106	70 - 130
Bromoform	50.0	66.4	*+	ug/L		133	69 - 129
Bromomethane	50.0	58.8		ug/L		118	28 - 192
2-Butanone (MEK)	250	285		ug/L		114	69 - 120
Carbon disulfide	50.0	47.6		ug/L		95	70 - 130
Carbon tetrachloride	50.0	53.4		ug/L		107	70 - 130
Chlorobenzene	50.0	53.7		ug/L		107	70 - 130
Chloroethane	50.0	95.4		ug/L		191	31 - 213
Chloroform	50.0	50.4		ug/L		101	70 - 130
Chloromethane	50.0	44.5		ug/L		89	59 - 127
Dibromochloromethane	50.0	58.2		ug/L		116	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	67.4	*+	ug/L		135	70 - 130
1,2-Dibromoethane	50.0	56.0		ug/L		112	70 - 130
Dibromomethane	50.0	52.7		ug/L		105	70 - 130
1,2-Dichlorobenzene	50.0	53.9		ug/L		108	70 - 130
1,4-Dichlorobenzene	50.0	54.1		ug/L		108	70 - 130
trans-1,4-Dichloro-2-butene	50.0	67.8	*+	ug/L		136	67 - 120
1,1-Dichloroethane	50.0	52.3		ug/L		105	70 - 130
1,2-Dichloroethane	50.0	52.0		ug/L		104	70 - 130
cis-1,2-Dichloroethene	50.0	51.7		ug/L		103	70 - 130
trans-1,2-Dichloroethene	50.0	50.8		ug/L		102	70 - 130
1,1-Dichloroethene	50.0	48.6		ug/L		97	70 - 130
1,2-Dichloropropane	50.0	50.8		ug/L		102	70 - 130
1,3-Dichloropropane	50.0	51.6		ug/L		103	70 - 130
cis-1,3-Dichloropropene	50.0	56.2		ug/L		112	70 - 130
trans-1,3-Dichloropropene	50.0	53.9		ug/L		108	70 - 130
Ethylbenzene	50.0	53.5		ug/L		107	70 - 130
2-Hexanone	250	244		ug/L		98	70 - 130
Iodomethane	50.0	104	*+	ug/L		207	52 - 129
Methylene Chloride	50.0	49.5		ug/L		99	70 - 130
4-Methyl-2-pentanone (MIBK)	250	267		ug/L		107	68 - 120
Methyl tert-butyl ether	50.0	53.5		ug/L		107	70 - 130
Styrene	50.0	54.5		ug/L		109	70 - 130
1,1,1,2-Tetrachloroethane	50.0	58.0		ug/L		116	70 - 130
1,1,2,2-Tetrachloroethane	50.0	54.0		ug/L		108	70 - 130
Tetrachloroethylene	50.0	54.2		ug/L		108	70 - 130
Toluene	50.0	49.2		ug/L		98	70 - 130
1,1,1-Trichloroethane	50.0	50.2		ug/L		100	70 - 130
1,1,2-Trichloroethane	50.0	52.9		ug/L		106	70 - 130
Trichloroethene	50.0	56.0		ug/L		112	70 - 130
Trichlorofluoromethane	50.0	57.5		ug/L		115	63 - 142
1,2,3-Trichloropropane	50.0	53.8		ug/L		108	70 - 130
Vinyl acetate	100	121		ug/L		121	67 - 135
Vinyl chloride	50.0	51.7		ug/L		103	66 - 129

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

Lab Sample ID: LCS 680-770207/4
Matrix: Water
Analysis Batch: 770207

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Xylenes, Total			100	109		ug/L		109	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*100*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*104*		*60 - 124*
Dibromofluoromethane (Surr)	*101*		*70 - 130*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 680-770207/5
Matrix: Water
Analysis Batch: 770207

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone			250	241		ug/L		96	67 - 120	3	30
Acrylonitrile			500	493		ug/L		99	70 - 130	0	30
Benzene			50.0	47.3		ug/L		95	70 - 130	0	30
Bromochloromethane			50.0	55.7		ug/L		111	70 - 130	1	30
Bromodichloromethane			50.0	53.3		ug/L		107	70 - 130	1	30
Bromoform			50.0	67.7	*+	ug/L		135	69 - 129	2	30
Bromomethane			50.0	55.3		ug/L		111	28 - 192	6	30
2-Butanone (MEK)			250	285		ug/L		114	69 - 120	0	30
Carbon disulfide			50.0	47.7		ug/L		95	70 - 130	0	30
Carbon tetrachloride			50.0	53.3		ug/L		107	70 - 130	0	30
Chlorobenzene			50.0	53.1		ug/L		106	70 - 130	1	30
Chloroethane			50.0	96.2		ug/L		192	31 - 213	1	30
Chloroform			50.0	50.9		ug/L		102	70 - 130	1	30
Chloromethane			50.0	40.9		ug/L		82	59 - 127	8	30
Dibromochloromethane			50.0	58.5		ug/L		117	70 - 130	1	30
1,2-Dibromo-3-Chloropropane			50.0	65.2		ug/L		130	70 - 130	3	30
1,2-Dibromoethane			50.0	56.0		ug/L		112	70 - 130	0	30
Dibromomethane			50.0	53.3		ug/L		107	70 - 130	1	30
1,2-Dichlorobenzene			50.0	54.0		ug/L		108	70 - 130	0	30
1,4-Dichlorobenzene			50.0	52.6		ug/L		105	70 - 130	3	30
trans-1,4-Dichloro-2-butene			50.0	70.2	*+	ug/L		140	67 - 120	4	30
1,1-Dichloroethane			50.0	52.9		ug/L		106	70 - 130	1	30
1,2-Dichloroethane			50.0	52.4		ug/L		105	70 - 130	1	50
cis-1,2-Dichloroethene			50.0	51.4		ug/L		103	70 - 130	1	30
trans-1,2-Dichloroethene			50.0	51.5		ug/L		103	70 - 130	1	30
1,1-Dichloroethene			50.0	50.7		ug/L		101	70 - 130	4	20
1,2-Dichloropropane			50.0	51.1		ug/L		102	70 - 130	1	20
1,3-Dichloropropane			50.0	51.8		ug/L		104	70 - 130	0	20
cis-1,3-Dichloropropene			50.0	55.9		ug/L		112	70 - 130	1	20
trans-1,3-Dichloropropene			50.0	53.9		ug/L		108	70 - 130	0	30
Ethylbenzene			50.0	53.1		ug/L		106	70 - 130	1	20
2-Hexanone			250	247		ug/L		99	70 - 130	1	20
Iodomethane			50.0	104	*+	ug/L		208	52 - 129	0	30
Methylene Chloride			50.0	49.8		ug/L		100	70 - 130	0	30
4-Methyl-2-pentanone (MIBK)			250	268		ug/L		107	68 - 120	0	30

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

Lab Sample ID: LCSD 680-770207/5
Matrix: Water
Analysis Batch: 770207

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methyl tert-butyl ether			50.0	54.4		ug/L		109	70 - 130	2	30
Styrene			50.0	54.3		ug/L		109	70 - 130	0	30
1,1,1,2-Tetrachloroethane			50.0	57.0		ug/L		114	70 - 130	2	30
1,1,2,2-Tetrachloroethane			50.0	54.3		ug/L		109	70 - 130	1	30
Tetrachloroethylene			50.0	53.4		ug/L		107	70 - 130	1	30
Toluene			50.0	49.7		ug/L		99	70 - 130	1	30
1,1,1-Trichloroethane			50.0	50.9		ug/L		102	70 - 130	1	30
1,1,2-Trichloroethane			50.0	53.8		ug/L		108	70 - 130	2	30
Trichloroethene			50.0	53.6		ug/L		107	70 - 130	4	30
Trichlorofluoromethane			50.0	57.5		ug/L		115	63 - 142	0	30
1,2,3-Trichloropropane			50.0	53.9		ug/L		108	70 - 130	0	30
Vinyl acetate			100	118		ug/L		118	67 - 135	2	30
Vinyl chloride			50.0	51.5		ug/L		103	66 - 129	0	30
Xylenes, Total			100	109		ug/L		109	70 - 130	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*99*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*104*		*60 - 124*
Dibromofluoromethane (Surr)	*102*		*70 - 130*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: 680-232387-7 MS
Matrix: Water
Analysis Batch: 770207

Client Sample ID: CWM-183-MW06
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	3.7	U	250	220		ug/L		88	67 - 120
Acrylonitrile	5.5	U	500	469		ug/L		94	70 - 130
Benzene	0.27	U	50.0	48.6		ug/L		97	70 - 130
Bromochloromethane	0.34	U	50.0	45.8		ug/L		92	70 - 130
Bromodichloromethane	0.25	U	50.0	52.7		ug/L		105	70 - 130
Bromoform	0.59	U *+	50.0	61.8		ug/L		124	69 - 129
Bromomethane	3.7	U	50.0	71.0		ug/L		142	28 - 192
2-Butanone (MEK)	6.4	U F1	250	265		ug/L		106	69 - 120
Carbon disulfide	0.43	U	50.0	50.8		ug/L		102	70 - 130
Carbon tetrachloride	0.30	U	50.0	56.2		ug/L		112	70 - 130
Chlorobenzene	0.15	U	50.0	51.9		ug/L		104	70 - 130
Chloroethane	4.6	U	50.0	105		ug/L		209	31 - 213
Chloroform	0.27	U	50.0	51.5		ug/L		103	70 - 130
Chloromethane	0.54	U	50.0	43.2		ug/L		86	59 - 127
Dibromochloromethane	0.39	U	50.0	56.4		ug/L		113	70 - 130
1,2-Dibromo-3-Chloropropane	1.8	U *+	50.0	59.9		ug/L		120	70 - 130
1,2-Dibromoethane	0.33	U	50.0	54.1		ug/L		108	70 - 130
Dibromomethane	0.34	U	50.0	51.8		ug/L		104	70 - 130
1,2-Dichlorobenzene	0.31	U	50.0	51.3		ug/L		103	70 - 130
1,4-Dichlorobenzene	0.31	U	50.0	52.5		ug/L		105	70 - 130
trans-1,4-Dichloro-2-butene	1.3	U *+ F1	50.0	64.8	F1	ug/L		130	67 - 120
1,1-Dichloroethane	0.33	U	50.0	53.3		ug/L		107	70 - 130

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

Lab Sample ID: 680-232387-7 MS
Matrix: Water
Analysis Batch: 770207

Client Sample ID: CWM-183-MW06
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichloroethane	0.25	U	50.0	51.6		ug/L		103	70 - 130
cis-1,2-Dichloroethene	0.25	U	50.0	52.1		ug/L		104	70 - 130
trans-1,2-Dichloroethene	0.34	U	50.0	52.9		ug/L		106	70 - 130
1,1-Dichloroethene	0.33	U	50.0	53.5		ug/L		107	70 - 130
1,2-Dichloropropane	0.22	U	50.0	50.0		ug/L		100	70 - 130
1,3-Dichloropropane	0.36	U	50.0	50.3		ug/L		101	70 - 130
cis-1,3-Dichloropropene	0.26	U	50.0	54.7		ug/L		109	70 - 130
trans-1,3-Dichloropropene	0.23	U	50.0	51.3		ug/L		103	70 - 130
Ethylbenzene	0.20	U	50.0	53.0		ug/L		106	70 - 130
2-Hexanone	3.2	U	250	232		ug/L		93	70 - 130
Iodomethane	3.9	U *+ F1	50.0	95.2	F1	ug/L		190	52 - 129
Methylene Chloride	3.2	U	50.0	50.3		ug/L		101	70 - 130
4-Methyl-2-pentanone (MIBK)	2.7	U	250	255		ug/L		102	68 - 120
Methyl tert-butyl ether	0.81	U	50.0	52.1		ug/L		104	70 - 130
Styrene	0.27	U	50.0	53.2		ug/L		106	70 - 130
1,1,1,2-Tetrachloroethane	0.36	U	50.0	55.2		ug/L		110	70 - 130
1,1,2,2-Tetrachloroethane	0.40	U	50.0	50.3		ug/L		101	70 - 130
Tetrachloroethylene	0.35	U	50.0	55.3		ug/L		111	70 - 130
Toluene	0.25	U	50.0	51.0		ug/L		102	70 - 130
1,1,1-Trichloroethane	0.21	U	50.0	52.1		ug/L		104	70 - 130
1,1,2-Trichloroethane	0.32	U	50.0	51.4		ug/L		103	70 - 130
Trichloroethene	0.20	U	50.0	56.4		ug/L		113	70 - 130
Trichlorofluoromethane	0.33	U	50.0	61.8		ug/L		124	63 - 142
1,2,3-Trichloropropane	0.48	U	50.0	52.1		ug/L		104	70 - 130
Vinyl acetate	0.69	U	100	108		ug/L		108	67 - 135
Vinyl chloride	0.40	U	50.0	52.9		ug/L		106	66 - 129
Xylenes, Total	0.23	U	100	107		ug/L		107	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Toluene-d8 (Surr)	*103*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*103*		*60 - 124*
Dibromofluoromethane (Surr)	*102*		*70 - 130*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*

Lab Sample ID: 680-232387-7 MSD
Matrix: Water
Analysis Batch: 770207

Client Sample ID: CWM-183-MW06
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	3.7	U	250	232		ug/L		93	67 - 120	5	30
Acrylonitrile	5.5	U	500	485		ug/L		97	70 - 130	3	30
Benzene	0.27	U	50.0	49.2		ug/L		98	70 - 130	1	30
Bromochloromethane	0.34	U	50.0	56.2		ug/L		112	70 - 130	21	30
Bromodichloromethane	0.25	U	50.0	53.7		ug/L		107	70 - 130	2	30
Bromoform	0.59	U *+	50.0	62.9		ug/L		126	69 - 129	2	30
Bromomethane	3.7	U	50.0	62.3		ug/L		125	28 - 192	13	30
2-Butanone (MEK)	6.4	U F1	250	6.4	U F1	ug/L		0	69 - 120	NC	30
Carbon disulfide	0.43	U	50.0	50.8		ug/L		102	70 - 130	0	30

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

Lab Sample ID: 680-232387-7 MSD
Matrix: Water
Analysis Batch: 770207

Client Sample ID: CWM-183-MW06
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Carbon tetrachloride	0.30	U	50.0	56.6		ug/L		113	70 - 130	1	30
Chlorobenzene	0.15	U	50.0	52.5		ug/L		105	70 - 130	1	30
Chloroethane	4.6	U	50.0	105		ug/L		210	31 - 213	1	30
Chloroform	0.27	U	50.0	52.7		ug/L		105	70 - 130	2	30
Chloromethane	0.54	U	50.0	42.9		ug/L		86	59 - 127	1	30
Dibromochloromethane	0.39	U	50.0	57.9		ug/L		116	70 - 130	3	30
1,2-Dibromo-3-Chloropropane	1.8	U *+	50.0	63.8		ug/L		128	70 - 130	6	30
1,2-Dibromoethane	0.33	U	50.0	55.3		ug/L		111	70 - 130	2	30
Dibromomethane	0.34	U	50.0	53.8		ug/L		108	70 - 130	4	30
1,2-Dichlorobenzene	0.31	U	50.0	53.1		ug/L		106	70 - 130	3	30
1,4-Dichlorobenzene	0.31	U	50.0	53.4		ug/L		107	70 - 130	2	30
trans-1,4-Dichloro-2-butene	1.3	U *+ F1	50.0	67.2	F1	ug/L		134	67 - 120	4	30
1,1-Dichloroethane	0.33	U	50.0	53.5		ug/L		107	70 - 130	0	30
1,2-Dichloroethane	0.25	U	50.0	52.5		ug/L		105	70 - 130	2	50
cis-1,2-Dichloroethene	0.25	U	50.0	52.4		ug/L		105	70 - 130	1	30
trans-1,2-Dichloroethene	0.34	U	50.0	52.5		ug/L		105	70 - 130	1	30
1,1-Dichloroethene	0.33	U	50.0	53.7		ug/L		107	70 - 130	0	20
1,2-Dichloropropane	0.22	U	50.0	51.4		ug/L		103	70 - 130	3	20
1,3-Dichloropropane	0.36	U	50.0	52.0		ug/L		104	70 - 130	3	20
cis-1,3-Dichloropropene	0.26	U	50.0	55.9		ug/L		112	70 - 130	2	20
trans-1,3-Dichloropropene	0.23	U	50.0	53.3		ug/L		107	70 - 130	4	30
Ethylbenzene	0.20	U	50.0	53.7		ug/L		107	70 - 130	1	20
2-Hexanone	3.2	U	250	240		ug/L		96	70 - 130	3	20
Iodomethane	3.9	U *+ F1	50.0	101	F1	ug/L		203	52 - 129	6	30
Methylene Chloride	3.2	U	50.0	50.4		ug/L		101	70 - 130	0	30
4-Methyl-2-pentanone (MIBK)	2.7	U	250	265		ug/L		106	68 - 120	4	30
Methyl tert-butyl ether	0.81	U	50.0	53.9		ug/L		108	70 - 130	3	30
Styrene	0.27	U	50.0	54.1		ug/L		108	70 - 130	2	30
1,1,1,2-Tetrachloroethane	0.36	U	50.0	56.1		ug/L		112	70 - 130	2	30
1,1,2,2-Tetrachloroethane	0.40	U	50.0	51.7		ug/L		103	70 - 130	3	30
Tetrachloroethylene	0.35	U	50.0	57.2		ug/L		114	70 - 130	3	30
Toluene	0.25	U	50.0	51.3		ug/L		103	70 - 130	0	30
1,1,1-Trichloroethane	0.21	U	50.0	53.7		ug/L		107	70 - 130	3	30
1,1,2-Trichloroethane	0.32	U	50.0	53.2		ug/L		106	70 - 130	3	30
Trichloroethene	0.20	U	50.0	56.6		ug/L		113	70 - 130	0	30
Trichlorofluoromethane	0.33	U	50.0	62.8		ug/L		126	63 - 142	2	30
1,2,3-Trichloropropane	0.48	U	50.0	51.9		ug/L		104	70 - 130	0	30
Vinyl acetate	0.69	U	100	111		ug/L		111	67 - 135	3	30
Vinyl chloride	0.40	U	50.0	54.5		ug/L		109	66 - 129	3	30
Xylenes, Total	0.23	U	100	109		ug/L		109	70 - 130	2	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*103*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*105*		*60 - 124*
Dibromofluoromethane (Surr)	*101*		*70 - 130*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*

Method: RSK-175 - Dissolved Gases (GC)

Lab Sample ID: MB 680-769306/66
Matrix: Water
Analysis Batch: 769306

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	0.30	U	1.1	0.30	ug/L			03/24/23 13:28	1
Ethylene	0.31	U	1.0	0.31	ug/L			03/24/23 13:28	1
Methane	0.57	U	0.58	0.57	ug/L			03/24/23 13:28	1

Lab Sample ID: LCS 680-769306/62
Matrix: Water
Analysis Batch: 769306

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methane (TCD)	1920	1740		ug/L		90	75 - 125

Lab Sample ID: LCS 680-769306/64
Matrix: Water
Analysis Batch: 769306

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ethane	361	399		ug/L		111	75 - 125
Ethylene	337	357		ug/L		106	75 - 125
Methane	192	204		ug/L		106	75 - 125

Lab Sample ID: LCSD 680-769306/63
Matrix: Water
Analysis Batch: 769306

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methane (TCD)	1920	1840		ug/L		96	75 - 125	6	30

Lab Sample ID: LCSD 680-769306/65
Matrix: Water
Analysis Batch: 769306

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ethane	361	388		ug/L		108	75 - 125	3	30
Ethylene	337	351		ug/L		104	75 - 125	2	30
Methane	192	198		ug/L		103	75 - 125	3	30

Lab Sample ID: MB 680-770278/8
Matrix: Water
Analysis Batch: 770278

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	0.30	U	1.1	0.30	ug/L			03/29/23 12:05	1
Ethylene	0.31	U	1.0	0.31	ug/L			03/29/23 12:05	1
Methane	0.57	U	0.58	0.57	ug/L			03/29/23 12:05	1

Method: RSK-175 - Dissolved Gases (GC) (Continued)

Lab Sample ID: LCS 680-770278/3
Matrix: Water
Analysis Batch: 770278

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methane (TCD)	1920	1940		ug/L		101	75 - 125

Lab Sample ID: LCS 680-770278/6
Matrix: Water
Analysis Batch: 770278

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ethane	361	411		ug/L		114	75 - 125
Ethylene	337	373		ug/L		111	75 - 125
Methane	192	211		ug/L		110	75 - 125

Lab Sample ID: LCSD 680-770278/4
Matrix: Water
Analysis Batch: 770278

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methane (TCD)	1920	1910		ug/L		99	75 - 125	2	30

Lab Sample ID: LCSD 680-770278/7
Matrix: Water
Analysis Batch: 770278

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ethane	361	385		ug/L		107	75 - 125	7	30
Ethylene	337	342		ug/L		102	75 - 125	9	30
Methane	192	197		ug/L		103	75 - 125	7	30

Method: 9060 - Organic Carbon, Total (TOC)

Lab Sample ID: MB 680-770531/3
Matrix: Water
Analysis Batch: 770531

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	0.50	U	1.0	0.50	mg/L			03/29/23 12:35	1

Lab Sample ID: LCS 680-770531/4
Matrix: Water
Analysis Batch: 770531

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon	20.0	20.8		mg/L		104	80 - 120
TOC Result 1	20.0	20.6		mg/L		103	80 - 120
TOC Result 2	20.0	21.0		mg/L		105	80 - 120
TOC Result 3	20.0	20.9		mg/L		105	80 - 120
TOC Result 4	20.0	20.5		mg/L		103	80 - 120

Method: 9060 - Organic Carbon, Total (TOC) (Continued)

Lab Sample ID: LCSD 680-770531/5
Matrix: Water
Analysis Batch: 770531

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Organic Carbon	20.0	20.9		mg/L		104	80 - 120	0	25
TOC Result 1	20.0	21.0		mg/L		105	80 - 120	2	25
TOC Result 2	20.0	20.8		mg/L		104	80 - 120	1	25
TOC Result 3	20.0	20.9		mg/L		104	80 - 120	0	25
TOC Result 4	20.0	20.8		mg/L		104	80 - 120	1	25

GC/MS VOA

Analysis Batch: 769994

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-232387-1	CWM-183-MW13	Total/NA	Water	8260D	
680-232387-2	CWM-183-MW15	Total/NA	Water	8260D	
680-232387-3	CWM-183-MW16	Total/NA	Water	8260D	
680-232387-4	CWM-183-MW04	Total/NA	Water	8260D	
680-232387-5	CWM-183-MW11	Total/NA	Water	8260D	
680-232387-6	CWM-183-MW23	Total/NA	Water	8260D	
680-232387-8	TB610	Total/NA	Water	8260D	
MB 680-769994/9	Method Blank	Total/NA	Water	8260D	
LCS 680-769994/5	Lab Control Sample	Total/NA	Water	8260D	
LCSD 680-769994/6	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 770207

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-232387-1	CWM-183-MW13	Total/NA	Water	8260D	
680-232387-2	CWM-183-MW15	Total/NA	Water	8260D	
680-232387-7	CWM-183-MW06	Total/NA	Water	8260D	
MB 680-770207/8	Method Blank	Total/NA	Water	8260D	
LCS 680-770207/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 680-770207/5	Lab Control Sample Dup	Total/NA	Water	8260D	
680-232387-7 MS	CWM-183-MW06	Total/NA	Water	8260D	
680-232387-7 MSD	CWM-183-MW06	Total/NA	Water	8260D	

GC VOA

Analysis Batch: 769306

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-232387-1	CWM-183-MW13	Total/NA	Water	RSK-175	
680-232387-4	CWM-183-MW04	Total/NA	Water	RSK-175	
680-232387-6	CWM-183-MW23	Total/NA	Water	RSK-175	
MB 680-769306/66	Method Blank	Total/NA	Water	RSK-175	
LCS 680-769306/62	Lab Control Sample	Total/NA	Water	RSK-175	
LCS 680-769306/64	Lab Control Sample	Total/NA	Water	RSK-175	
LCSD 680-769306/63	Lab Control Sample Dup	Total/NA	Water	RSK-175	
LCSD 680-769306/65	Lab Control Sample Dup	Total/NA	Water	RSK-175	

Analysis Batch: 770278

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-232387-6	CWM-183-MW23	Total/NA	Water	RSK-175	
MB 680-770278/8	Method Blank	Total/NA	Water	RSK-175	
LCS 680-770278/3	Lab Control Sample	Total/NA	Water	RSK-175	
LCS 680-770278/6	Lab Control Sample	Total/NA	Water	RSK-175	
LCSD 680-770278/4	Lab Control Sample Dup	Total/NA	Water	RSK-175	
LCSD 680-770278/7	Lab Control Sample Dup	Total/NA	Water	RSK-175	

General Chemistry

Analysis Batch: 770531

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-232387-1	CWM-183-MW13	Total/NA	Water	9060	
680-232387-4	CWM-183-MW04	Total/NA	Water	9060	
680-232387-6	CWM-183-MW23	Total/NA	Water	9060	
MB 680-770531/3	Method Blank	Total/NA	Water	9060	

General Chemistry (Continued)

Analysis Batch: 770531 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 680-770531/4	Lab Control Sample	Total/NA	Water	9060	
LCSD 680-770531/5	Lab Control Sample Dup	Total/NA	Water	9060	

Lab Chronicle

Client: Matrix Environmental Services, LLC
Job ID: 680-232387-1
Project/Site: Parcel 183(6), Training Area T6 (Naylor Field)

Client Sample ID: CWM-183-MW13
Lab Sample ID: 680-232387-1
Date Collected: 03/20/23 11:15
Matrix: Water
Date Received: 03/22/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		10	5 mL	5 mL	770207	03/29/23 15:04	P1C	EET SAV
	Instrument ID: CMSAG									
Total/NA	Analysis	8260D		1	5 mL	5 mL	769994	03/28/23 17:51	P1C	EET SAV
	Instrument ID: CMSO2									
Total/NA	Analysis	RSK-175		1	17 mL	17 mL	769306	03/24/23 17:24	JCK	EET SAV
	Instrument ID: CVGU									
Total/NA	Analysis	9060		1	40 mL	40 mL	770531	03/29/23 18:01	JU	EET SAV
	Instrument ID: TOC8									

Client Sample ID: CWM-183-MW15
Lab Sample ID: 680-232387-2
Date Collected: 03/20/23 09:55
Matrix: Water
Date Received: 03/22/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	770207	03/29/23 14:27	P1C	EET SAV
	Instrument ID: CMSAG									
Total/NA	Analysis	8260D		1	5 mL	5 mL	769994	03/28/23 18:16	P1C	EET SAV
	Instrument ID: CMSO2									

Client Sample ID: CWM-183-MW16
Lab Sample ID: 680-232387-3
Date Collected: 03/20/23 09:00
Matrix: Water
Date Received: 03/22/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	769994	03/28/23 18:40	P1C	EET SAV
	Instrument ID: CMSO2									

Client Sample ID: CWM-183-MW04
Lab Sample ID: 680-232387-4
Date Collected: 03/20/23 12:20
Matrix: Water
Date Received: 03/22/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	769994	03/28/23 19:28	P1C	EET SAV
	Instrument ID: CMSO2									
Total/NA	Analysis	RSK-175		1	17 mL	17 mL	769306	03/24/23 17:36	JCK	EET SAV
	Instrument ID: CVGU									
Total/NA	Analysis	9060		1	40 mL	40 mL	770531	03/29/23 18:18	JU	EET SAV
	Instrument ID: TOC8									

Client Sample ID: CWM-183-MW11
Lab Sample ID: 680-232387-5
Date Collected: 03/20/23 15:15
Matrix: Water
Date Received: 03/22/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	769994	03/28/23 17:27	P1C	EET SAV
	Instrument ID: CMSO2									

Lab Chronicle

Client: Matrix Environmental Services, LLC
Job ID: 680-232387-1
Project/Site: Parcel 183(6), Training Area T6 (Naylor Field)

Client Sample ID: CWM-183-MW23
Lab Sample ID: 680-232387-6
Date Collected: 03/20/23 17:20
Matrix: Water
Date Received: 03/22/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		20	5 mL	5 mL	769994	03/28/23 20:41	P1C	EET SAV
	Instrument ID: CMSO2									
Total/NA	Analysis	RSK-175		1	17 mL	17 mL	769306	03/24/23 17:49	JCK	EET SAV
	Instrument ID: CVGU									
Total/NA	Analysis	RSK-175		10	17 mL	17 mL	770278	03/29/23 13:08	JCK	EET SAV
	Instrument ID: CVGU									
Total/NA	Analysis	9060		1	40 mL	40 mL	770531	03/29/23 18:40	JU	EET SAV
	Instrument ID: TOC8									

Client Sample ID: CWM-183-MW06
Lab Sample ID: 680-232387-7
Date Collected: 03/20/23 16:15
Matrix: Water
Date Received: 03/22/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	770207	03/29/23 14:46	P1C	EET SAV
	Instrument ID: CMSAG									

Client Sample ID: TB610
Lab Sample ID: 680-232387-8
Date Collected: 03/21/23 07:41
Matrix: Water
Date Received: 03/22/23 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	769994	03/28/23 15:01	P1C	EET SAV
	Instrument ID: CMSO2									

Laboratory References:
EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: Matrix Environmental Services, LLC
Job ID: 680-232387-1
Project/Site: Parcel 183(6), Training Area T6 (Naylor Field)

Laboratory: Eurofins Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	06-30-23

Method Summary

Client: Matrix Environmental Services, LLC
Job ID: 680-232387-1
Project/Site: Parcel 183(6), Training Area T6 (Naylor Field)

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET SAV
RSK-175	Dissolved Gases (GC)	RSK	EET SAV
9060	Organic Carbon, Total (TOC)	SW846	EET SAV
5030C	Purge and Trap	SW846	EET SAV

Protocol References:

RSK = Sample Prep And Calculations For Dissolved Gas Analysis In Water Samples Using A GC Headspace Equilibration Technique, RSKSOP-175, Rev. 0, 8/11/94, USEPA Research Lab
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

680-232387 Chain of Custody

MATRIX ENVIRONMENTAL SERVICES CHAIN OF CUSTODY RECORD

COC Number 6816
Cooler ID 1 of 1
Page 1 of 1

Laboratory Eurofins
Lab Contact Noel Savoie and Beth Daughtry
MES Contact Betty Van Pelt
MES Phone 801-699-1246
Project Parcel 183(6), Training Area T6 (Naylor Field)
Task # 22.094.23-11.1
Lab contract: 22.094.23-11.1.500

Samplers Signature

Site	Station ID	QC Code	Station Code	Matrix	Sample Method	Date Collected	Sample Time	Analysis: SW8260D - VOC 3 - 40 ml vials, HCl	Analysis: RSK-175 -MEE 3 - 40 ml vials, HCl	Analysis: TOC - SW9060 2 - 40 mL amber VOA H2SO4	Analysis: SW8260D - VOC TB 2 - 40 ml vials, HCl
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW07	NS	MW	Water	BP	3/20/2023	11:15	X	X	X	
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW15	NS	MW	Water	BP	3/20/2023	9:55	X			
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW16	NS	MW	Water	BP	3/20/2023	9:00	X			
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW04	NS	MW	Water	BP	3/20/2023	12:20	X	X	X	
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW11	NS	MW	Water	BP	3/20/2023	15:15	X			
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW23	NS	MW	Water	BP	3/20/2023	17:20	X	X	X	
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW06	NS	MW	Water	BP	3/20/2023	16:15	X			
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW06	MS/MSD	MW	Water	BP	3/20/2023	16:15	X			
Parcel 183(6), Training Area T6 (Naylor Field)	TB610	TB	TB	Water	Grab	3/21/2023	7:41				X

NOTES:

QC Code NS = Investigative Sample, FD = Field Duplicate, MS/MSD = Matrix Spike/Matrix Spike Duplicate, EB = Equipment Blank, TB = Trip Blank, WQ = Water Quality, WS = Source Water

Station Type = MW = Monitoring Well, BH = Bore Hole, SD = Sediment, SW = Surface Water, SS = Surface Soil, SU = Sump, WS = Waste Solid/Soil, WW = Waste Water

White Copy = Lab COC, Yellow COC = Field Copy, Pink COC = Data Mgmt

Double the number of bottles for MS/MSD

COMMENTS: See Task Order 093 for required list of VOCs and metals.

Relinquished by (Signature) David Abernathy
Date/Time 1200 3-21-2023
Received by (Signature) Fedex

Relinquished by (Signature)
Date/Time 03-22-23 10:30
Received by (Signature) Tynisha Hartley Temp 3.7 - 3.7

3/31/2023

Login Sample Receipt Checklist

Client: Matrix Environmental Services, LLC

Job Number: 680-232387-1

Login Number: 232387
List Number: 1
Creator: Harley, Tynisha

List Source: Eurofins Savannah

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

APPENDIX C

CHAIN OF CUSTODY

COC Number 6695
Cooler ID 1 of 1
Page 1 of 2

Laboratory Eurofins
Lab Contact Noel Savoie and Beth Daughtry
MES Contact Betty Van Pelt
MES Phone 801-699-1246
Project Parcel 183(6), Training Area T6 (Naylor Field)
Task # 21.094 22-11.1
Lab contract: 21.094.22-11.1.500

Samplers Signature

Site	Station ID	QC Code	Station Code	Matrix	Sample Method	Date Collected	Sample Time	Analysis: SW8260D - VOC 3 - 40 ml vials, HCl	Analysis: RSK-175 -MEE 3 - 40 ml vials, HCl	Analysis: SW8260D - VOC TB 2 - 40 ml vials, HCl	
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW04	NS	MW	Water	BP	9/20/2022	1615	X	X		
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW06	NS	MW	Water	BP	9/21/2022	1156	X			
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW08	NS	MW	Water	BP	9/21/2022	0841	X			
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW11	NS	MW	Water	BP	9/21/2022	0840	X			
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW13	NS	MW	Water	BP	9/20/2022	1445	X	X		
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW13	MS/MSD	MW	Water	BP	9/20/2022	1445	X	X		
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW15	NS	MW	Water	BP	9/20/2022	1316	X			
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW16	NS	MW	Water	BP	9/20/2022	1211	X			
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW17	NS	MW	Water	BP	9/21/2022	0956	X			
Parcel 183(6), Training Area T6 (Naylor Field)	TB602	TB	TB	Water	Grab	9/21/2022	1309			X	

680-221532 Chain of Custody

NOTES:

QC Code NS = Investigative Sample, FD = Field Duplicate, MS/MSD = Matrix Spike/Matrix Spike Duplicate, EB = Equipment Blank, TB = Trip Blank, WQ = Water Quality, WS = Source Water

Station Type = MW = Monitoring Well, BH = Bore Hole, SD = Sediment, SW = Surface Water, SS = Surface Soil, SU = Sump, WS = Waste Solid/Soil, WW = Waste Water

White Copy = Lab COC, Yellow COC = Field Copy, Pink COC = Data Mgmt

Double the number of bottles for MS/MSD

COMMENTS: See Task Order 093 for required list of VOCs and metals.

Relinquished by (Signature)

Date/Time 9-21-22 1600

Received by (Signature) Fedex

Relinquished by (Signature)

Date/Time

Received by (Signature) DA 9-22-22 1100

4.0/3.9

MATRIX ENVIRONMENTAL SERVICES CHAIN OF CUSTODY RECORD

COC Number 6695
Cooler ID 1 of 1
Page 2 of 2

Laboratory Eurofins
Lab Contact Noel Savoie and Beth Daughtry
MES Contact Betty Van Pelt
MES Phone 801-699-1246
Project Parcel 183(6), Training Area T6 (Naylor Field)
Task # 21.094.22-11.1
Lab contract. 21.094.22-11.1 500

Samplers Signature

Site	Station ID	QC Code	Station Code	Matrix	Sample Method	Date Collected	Sample Time	Analysis: SW8260D - VOC 3 - 40 ml vials, HCl	Analysis: RSK-175 -MEE 3 - 40 ml vials, HCl	Analysis: SW8260D - VOC TB 2 - 40 ml vials, HCl	Analysis:
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW19	NS	MW	Water	BP	9/20/2022	0905	X			
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW20	NS	MW	Water	BP	9/20/2022	1446	X	X		
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW21	NS	MW	Water	BP	9/20/2022	1335	X			
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW22	NS	MW	Water	BP	9/20/2022	1235	X			
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW23	NS	MW	Water	BP	9/21/2022	1056	X	X		
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW25	NS	MW	Water	BP	9/20/2022	1045	X			
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW28	NS	MW	Water	BP	9/20/2022	1036	X			
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW31	NS	MW	Water	BP	9/20/2022	0846	X			
Parcel 183(6), Training Area T6 (Naylor Field)	DUP401	FD	MW	Water	BP	9/20/2022	N/A	X			
Parcel 183(6), Training Area T6 (Naylor Field)	DUP402	FD	MW	Water	BP	9/20/2022	N/A	X			

NOTES:

QC Code NS = Investigative Sample, FD = Field Duplicate, MS/MSD = Matrix Spike/Matrix Spike Duplicate, EB = Equipment Blank, TB = Trip Blank, WQ = Water Quality, WS = Source Water

Station Type = MW = Monitoring Well, BH = Bore Hole, SD = Sediment, SW = Surface Water, SS = Surface Soil, SU = Sump, WS = Waste Solid/Soil, WW = Waste Water

White Copy = Lab COC, Yellow COC = Field Copy, Pink COC = Data Mgmt

Double the number of bottles for MS/MSD

COMMENTS: See Task Order 093 for required list of VOCs and metals.

Relinquished by (Signature) — Date/Time 9-21-22 1600 — Received by (Signature) Fedex

Relinquished by (Signature) — Date/Time — Received by (Signature) 9-22-22 1100

MATRIX ENVIRONMENTAL SERVICES CHAIN OF CUSTODY RECORD

COC Number 6828
Cooler ID 1 of 1
Page 1 of 2

Laboratory Eurofins
Lab Contact Noel Savoie and Beth Daughtry
MES Contact Betty Van Pelt
MES Phone 801-699-1246
Project Parcel 183(6), Training Area T6 (Naylor Field)
Task # 22.094.23-11.1
Lab contract: 22.094.23-11.1.500

Samplers Signature

Site	Station ID	QC Code	Station Code	Matrix	Sample Method	Date Collected	Sample Time	Analysis: SW8260D - VOC 3 - 40 ml vials, HCl	Analysis: RSK-175 -MEE 3 - 40 ml vials, HCl	Analysis: TOC - SW9060 2 - 40 mL amber VOA H2SO4	Analysis: SW8260D - VOC TB 2 - 40 ml vials, HCl
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW07	NS	MW	Water	BP	3/15/2023	1410	x			
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW25	NS	MW	Water	BP	3/14/2023	1245	x			
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW17	NS	MW	Water	BP	3/14/2023	1115	x			
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW28	NS	MW	Water	BP	3/14/2023	1715	x			
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW19	NS	MW	Water	BP	3/14/2023	955	x			
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW21	NS	MW	Water	BP	3/14/2023	1510	x			
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW22	NS	MW	Water	BP	3/14/2023	1420	x			
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW31	NS	MW	Water	BP	3/13/2023	1600	x			
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW08	NS	MW	Water	BP	3/15/2023	1030	x			
Parcel 183(6), Training Area T6 (Naylor Field)	DUP412	FD	MW	Water	BP	3/14/2023	N/A	x			
Parcel 183(6), Training Area T6 (Naylor Field)	DUP413	FD	MW	Water	BP	3/14/2023	N/A	x			

680-232164 Chain of Custody

NOTES:

QC Code. NS = Investigative Sample, FD = Field Duplicate, MS/MSD = Matrix Spike/Matrix Spike Duplicate, EB = Equipment Blank, TB = Trip Blank, WQ = Water Quality, WS = Source Water

Station Type = MW = Monitoring Well, BH = Bore Hole, SD = Sediment, SW = Surface Water, SS = Surface Soil, SU = Sump, WS = Waste Solid/Soil, WW = Waste Water

White Copy = Lab COC, Yellow COC = Field Copy, Pink COC = Data Mgmt

Double the number of bottles for MS/MSD

COMMENTS: See Task Order 093 for required list of VOCs and metals.

Relinquished by (Signature)

Date/Time 3-16-2023 1100

Received by (Signature) FedEx

Relinquished by (Signature)

Date/Time.

Received by (Signature) TA 3-17-23/1030

0.4/0.4

MATRIX ENVIRONMENTAL SERVICES CHAIN OF CUSTODY RECORD

COC Number 6828
Cooler ID 1 of 1
Page 2 of

Laboratory Eurofins
Lab Contact Noel Savoie and Beth Daughtry
MES Contact Betty Van Pelt
MES Phone 801-699-1246
Project Parcel 183(6), Training Area T6 (Naylor Field)
Task # 22.094.23-11.1
Lab contract: 22.094.23-11.1.500

Samplers Signature

Site	Station ID	QC Code	Station Code	Matrix	Sample Method	Date Collected	Sample Time	Analysis: SW8260D - VOC 3 - 40 ml vials, HCl	Analysis: RSK-175 -MEE 3 - 40 ml vials, HCl	Analysis: TOC - SW9060 2 - 40 mL amber VOA H2SO4	Analysis: SW8260D - VOC TB 2 - 40 ml vials, HCl
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW20	NS	MW	Water	BP	3/15/2023	1135	X	X	X	
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW09	NS	MW	Water	BP	3/15/2023	1300	X	X	X	
Parcel 183(6), Training Area T6 (Naylor Field)	TB609	TB	TB	Water	Grab	3/16/2023	830				X

NOTES:
QC Code NS = Investigative Sample, FD = Field Duplicate, MS/MSD = Matrix Spike/Matrix Spike Duplicate, EB = Equipment Blank, TB = Trip Blank, WQ = Water Quality, WS = Source Water
Station Type = MW = Monitoring Well, BH = Bore Hole, SD = Sediment, SW = Surface Water, SS = Surface Soil, SU = Sump, WS = Waste Solid/Soil, WW = Waste Water
White Copy = Lab COC, Yellow COC = Field Copy, Pink COC = Data Mgmt
Double the number of bottles for MS/MSD
COMMENTS: See Task Order 093 for required list of VOCs and metals.

Relinquished by (Signature)
Date/Time 3-16-2023 1100
Received by (Signature) Fedex

Relinquished by (Signature)
Date/Time
Received by (Signature) 3-17-23 1030

680-232387 Chain of Custody

MATRIX ENVIRONMENTAL SERVICES CHAIN OF CUSTODY RECORD

COC Number 6816
Cooler ID 1 of 1
Page 1 of 1

Laboratory Eurofins
Lab Contact Noel Savoie and Beth Daughtry
MES Contact Betty Van Pelt
MES Phone 801-699-1246
Project Parcel 183(6), Training Area T6 (Naylor Field)
Task # 22.094.23-11.1
Lab contract: 22.094.23-11.1.500

Samplers Signature

Site	Station ID	QC Code	Station Code	Matrix	Sample Method	Date Collected	Sample Time	Analysis: SW8260D - VOC 3 - 40 ml vials, HCl	Analysis: RSK-175 -MEE 3 - 40 ml vials, HCl	Analysis: TOC - SW9060 2 - 40 mL amber VOA H2SO4	Analysis: SW8260D - VOC TB 2 - 40 ml vials, HCl
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW07	NS	MW	Water	BP	3/20/2023	11:15	X	X	X	
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW15	NS	MW	Water	BP	3/20/2023	9:55	X			
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW16	NS	MW	Water	BP	3/20/2023	9:00	X			
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW04	NS	MW	Water	BP	3/20/2023	12:20	X	X	X	
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW11	NS	MW	Water	BP	3/20/2023	15:15	X			
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW23	NS	MW	Water	BP	3/20/2023	17:20	X	X	X	
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW06	NS	MW	Water	BP	3/20/2023	16:15	X			
Parcel 183(6), Training Area T6 (Naylor Field)	CWM-183-MW06	MS/MSD	MW	Water	BP	3/20/2023	16:15	X			
Parcel 183(6), Training Area T6 (Naylor Field)	TB610	TB	TB	Water	Grab	3/21/2023	7:41				X

NOTES:

QC Code NS = Investigative Sample, FD = Field Duplicate, MS/MSD = Matrix Spike/Matrix Spike Duplicate, EB = Equipment Blank, TB = Trip Blank, WQ = Water Quality, WS = Source Water

Station Type = MW = Monitoring Well, BH = Bore Hole, SD = Sediment, SW = Surface Water, SS = Surface Soil, SU = Sump, WS = Waste Solid/Soil, WW = Waste Water

White Copy = Lab COC, Yellow COC = Field Copy, Pink COC = Data Mgmt

Double the number of bottles for MS/MSD

COMMENTS: See Task Order 093 for required list of VOCs and metals.

Relinquished by (Signature) David Abernathy
Date/Time 1200 3-21-2023
Received by (Signature) Fedex

Relinquished by (Signature)
Date/Time 03-22-23 10:30
Received by (Signature) Tynisha Hartley Temp 3.7 - 3.7

3/31/2023

APPENDIX D

DATA QUALITY SUMMARY

Data Validation Summary

	Laboratory Report ID:	**680-221532**			
Laboratory Name:	TALSAV				
Project Name:	T6				
SDG:	680-221532-1				
Reviewer Name:	B. Van Pelt				
Parameters:	DHG, VOC				
Method IDs:	RSK-175, SW8260D	Rejected Results?			0
Matrix:	WG				
		Yes	**No**	**N/A**	**Comment**
	Laboratory Method Blanks and Field Blanks				
1	Were appropriate types of laboratory method blanks analyzed?	**X**			
2	Were the laboratory method blanks analyzed at the appropriate frequency?	**X**			
3	Was the method blank free of contamination (i.e., less than the MDL or RL)?	**X**			
4	Did the method blank contamination affect the final results?		**X**		
5	Was a trip blank required and submitted with the samples?	**X**			
6	Was the trip blank free of contamination (i.e., less than the MDL or RL)?		**X**		**5**
7	Did the trip blank contamination affect the final results?		**X**		
8	Was an equipment blank required and submitted with the samples?			**X**	
9	Was the equipment blank free of contamination (i.e., less than the MDL or RL)?			**X**	
10	Did the equipment blank contamination affect the final results?			**X**	
11	Were Continuous Calibration Blanks (CCBs) analyzed?			**X**	
12	Were CCBs within the control window?			**X**	
13	Did the CCB contamination affect the final results?			**X**	
	Surrogates				
1	Were surrogates added prior to extraction for all appropriate methods?	X			
2	Were surrogate percent recoveries within laboratory control limits?		**X**		**1**
3	Did the surrogate percent recoveries affect the final results?	**X**			
	Laboratory Control Samples				
1	Were Laboratory Control Sample (LCS) analyzed at a frequency of one per batch?	X			
2	Were LCSs spiked with appropriate list of target compounds?		**X**		**2**
3	Were LCS percent recoveries within laboratory control limits?		**X**		**2**
4	Did the LCS percent recoveries affect the final results?		**X**		
5	If performed, was LCS Duplicate data provided?	**X**			
6	Were the LCS/LCSD RPD values within laboratory control limits?		**X**		**2**
	Matrix Spikes				
1	Were MS/MSDs analyzed at a frequency of one per batch?		**X**		3
	Sample used/methods: CWM-183-MW13				
2	Were MS/MSDs performed on a project sample selected by the laboratory?	**X**			
	Sample used/methods: CWM-183-MW13				
3	Were MS/MSDs spiked with appropriate list of target compounds?	**X**			
4	Were MS/MSD percent recoveries within laboratory control limits?		**X**		**3**
5	Did the MS/MSD percent recoveries affect the final results? If yes, narrate.	**X**			**3**
6	Were the MS/MSD RPD values within laboratory control limits?		**X**		**3**
7	Did the MS/MSD RPDs affect the final results?	**X**			

	Laboratory Report ID:	**680-221532**			
Laboratory Name:	TALSAV				
Project Name:	T6				
SDG:	680-221532-1				
Reviewer Name:	B. Van Pelt				
Parameters:	DHG, VOC				
Method IDs:	RSK-175, SW8260D	Rejected Results?			0
Matrix:	WG				
		Yes	**No**	**N/A**	**Comment**
	Field and Laboratory Duplicates				
1	Was a field duplicate submitted with this SDG?	X			
	Field Duplicate ID:				
2	Were the field sample RPD values less than review criteria?			X	
3	Did the field duplicate RPD results affect the final results? If so, narrate.				
4	Was a laboratory method duplicate (MD) performed?		X		
	MD ID:				
5	Did the field duplicate RPD results affect the final results?		X		
7	Did the MD results affect the final results?			X	
	Other Laboratory QC Data				
1	Were internal standard data reported? (organics and inorganics by 6020)	X			
2	Were IS area counts and retention times within method required limits?	X			
3	Were data associated with manual integration flagged on the test reports?			X	
4	Did dual-column confirmation results (PCBs) meet method-required QC limits of <25% difference?			X	
5	Was an interference check sample analyzed and were percent recoveries within QC limits?			X	
6	If serial dilutions were analyzed using a project sample, were the percent differences within QC limits?			X	
7	Was a CRDL check sample analyzed and were the percent recoveries within QC limits?			X	
8	If post-digestion spikes (PDS) were performed for metals, were percent recoveries with QC limits?			X	
9	If ICV/CCV was stated in the case narrative, did the ICV/CCV affect the project samples?	X			
10	Were the total metal results greater than the dissolved metal results?			X	
11	Samples properly presevered and handled?		X		**4**
12	All scheduled samples collected?		X		**6**

Comment No.	***Description (data usability; note any estimated and/or rejected data):***
1	**All 4 VOC surrogates in CWM-183MW13 MSD were below criteria. All results J qualified.**
2	**VOCs LCS/LCSD - Batch 742088 Iodomethane high in LCS and Trichlorofluoromethane high in LCS and LCSD. Not detected in samples, no quals. RPDs out on 1,1-dichloroethene, 1,2-dichloropropane, 1,3-dichloropropane, cis-1,2-dichloropropene, and vinyl acetate. Recoveries met criteria, no quals.** **Batch 742316 Vinyl acetate LCSD below criteria. All associated sample UJ qual'd. (CWM-183-15, CWM-183-16 and its FD, CWM-183-MW19, CWM-183-MW21, CWM-183-MW22, CWM-183-MW23, CWM-183-MW25, CWM-183-MW28, and CWM-183-MW31.** **Batch 742328 Trichlorofluoromethane LCS and LCSD high recovery. Not detected in samples, no quals.**
3	**MS/MSD - MS/MSD not analyzed in batches 742088, 742316, 742453, and 742750 due to limited sample quantities. LCS/LCSDs analyzed.** **CWM-183-13 - MSD all surrogates below criteria. All MSD data J qual'd.**
4	**Headspace in all vials for CWM-183-MW31 and SWM-183-MW13 MSD. All analytes in VOCs qualified - UJ for non-detects or J for detects.**
5	**Trip blank contains Acetone 7.2 J µg/L. Not detected in associated samples.**
6	**Two wells had insufficient water volume and could not be sampled: CWM-183-MW07 and CWM-183-MW09.**

Notes:

Table 1 - Sample Index includes batch numbers.

Table 2 - Field Duplicate Summary.

Table 1 - Sample Index

SiteName	StationName	QC Code	Matrix	Sample Date	Lab	Delivery Group	Lab SampleID	Method	Analytical Batch
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW04	NS	WG	9/20/22	TALSAV	680-221532-1	680-221532-1	RSK-175	680-742785
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW04	NS	WG	9/20/22	TALSAV	680-221532-1	680-221532-1	SW8260D	680-742088
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW06	NS	WG	9/21/22	TALSAV	680-221532-1	680-221532-2	SW8260D	680-742750
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW08	NS	WG	9/21/22	TALSAV	680-221532-1	680-221532-3	SW8260D	680-742453
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW11	NS	WG	9/21/22	TALSAV	680-221532-1	680-221532-4	SW8260D	680-742453
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW13	NS	WG	9/20/22	TALSAV	680-221532-1	680-221532-5	RSK-175	680-742785
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW13	NS	WG	9/20/22	TALSAV	680-221532-1	680-221532-5	SW8260D	680-742328
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW13	NS	WG	9/20/22	TALSAV	680-221532-1	680-221532-5	SW8260D	680-742523
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW13	MS	WG	9/20/22	TALSAV	680-221532-1	680-221532-5 MS	RSK-175	680-742785
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW13	MS	WG	9/20/22	TALSAV	680-221532-1	680-221532-5 MS	SW8260D	680-742328
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW13	MS	WG	9/20/22	TALSAV	680-221532-1	680-221532-5 MS	SW8260D	680-742523
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW13	MSD	WG	9/20/22	TALSAV	680-221532-1	680-221532-5 MSD	RSK-175	680-742785
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW13	MSD	WG	9/20/22	TALSAV	680-221532-1	680-221532-5 MSD	SW8260D	680-742328
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW13	MSD	WG	9/20/22	TALSAV	680-221532-1	680-221532-5 MSD	SW8260D	680-742523
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW15	NS	WG	9/20/22	TALSAV	680-221532-1	680-221532-6	SW8260D	680-742316

PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW16	NS	WG	9/20/22	TALSAV	680-221532-1	680-221532-7	SW8260D	680-742316
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW16 (DUP402)	FD	WG	9/20/22	TALSAV	680-221532-1	680-221532-19	SW8260D	680-742093
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW16 (DUP402)	FD	WG	9/20/22	TALSAV	680-221532-1	680-221532-19	SW8260D	680-742316
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW17	NS	WG	9/21/22	TALSAV	680-221532-1	680-221532-8	SW8260D	680-742453
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW19	NS	WG	9/20/22	TALSAV	680-221532-1	680-221532-10	SW8260D	680-742088
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW19 (DUP401)	FD	WG	9/20/22	TALSAV	680-221532-1	680-221532-18	SW8260D	680-742316
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW20	NS	WG	9/20/22	TALSAV	680-221532-1	680-221532-11	RSK-175	680-742785
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW20	NS	WG	9/20/22	TALSAV	680-221532-1	680-221532-11	SW8260D	680-742088
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW21	NS	WG	9/20/22	TALSAV	680-221532-1	680-221532-12	SW8260D	680-742316
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW22	NS	WG	9/20/22	TALSAV	680-221532-1	680-221532-13	SW8260D	680-742316
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW23	NS	WG	9/21/22	TALSAV	680-221532-1	680-221532-14	RSK-175	680-742785
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW23	NS	WG	9/21/22	TALSAV	680-221532-1	680-221532-14	RSK-175	680-743457
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW23	NS	WG	9/21/22	TALSAV	680-221532-1	680-221532-14	SW8260D	680-742316
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW25	NS	WG	9/20/22	TALSAV	680-221532-1	680-221532-15	SW8260D	680-742316
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW28	NS	WG	9/20/22	TALSAV	680-221532-1	680-221532-16	SW8260D	680-742316
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW28	NS	WG	9/20/22	TALSAV	680-221532-1	680-221532-16	SW8260D	680-742523
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW31	NS	WG	9/20/22	TALSAV	680-221532-1	680-221532-17	SW8260D	680-742316

MCCLELLAN FIELD QC	TRIP BLANK (TB602)	TB	W	9/21/22	TALSAV	680-221532-1	680-221532-9	SW8260D	680-742453
Notes:									
FD -field duplicate			QC - quality control						
ID - indentification			TB - trip blank						
MS - matrix spike			W - water						
MSD - matrix spike duplicate			WG - groundwater						
NS - normal sample			TALSAV - Eurofins, Savannah, GA (was TestAmerica)						

Table 2 - Field Duplicate Summary

Site	StationName	Delivery Group	Analyte	Method	Units	FD Result	FD Flag	NS Result	NS Flag	RPD	RPD Limit
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW16 (DUP402)	680-221532-1	cis-1,2-Dichloroethene	SW8260D	µg/L	6.2		6.6		6	20
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW16 (DUP402)	680-221532-1	trans-1,2-Dichloroethene	SW8260D	µg/L	4.8		5.2		8	20
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW16 (DUP402)	680-221532-1	Trichloroethene	SW8260D	µg/L	3.2		3.6		12	20
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW16 (DUP402)	680-221532-1	Vinyl Chloride	SW8260D	µg/L	6.9		7.7		11	20

Notes:

DUP - duplicate

FD -field duplicate

ID - indentification

µg/L - micrograms per liter

NS - normal sample

RPD - relative percent difference

Data Validation Summary

Laboratory Report ID:			
Laboratory Name:	TALSAV	Report Package Date:	
Project Name:	T6	Review Date:	
SDG:	680-232164-1, 680-232387-1		
Reviewer Name:	B. Van Pelt		
Parameters:	DHG, VOC, TOC		
Method IDs:	RSK-175, SW8260D, SW9060, SW9060A	Rejected Results?	0
Matrix:	WG		

	Yes	No	N/A	Comment
Laboratory Method Blanks and Field Blanks				
1 Were appropriate types of laboratory method blanks analyzed?	**X**			
2 Were the laboratory method blanks analyzed at the appropriate frequency?	**X**			
3 Was the method blank free of contamination (i.e., less than the MDL or RL)?		**X**		
4 Did the method blank contamination affect the final results?		**X**		
5 Was a trip blank required and submitted with the samples?	**X**			
6 Was the trip blank free of contamination (i.e., less than the MDL or RL)?	**X**			
7 Did the trip blank contamination affect the final results?		**X**		
8 Was an equipment blank required and submitted with the samples?			**X**	
9 Was the equipment blank free of contamination (i.e., less than the MDL or RL)?			**X**	
10 Did the equipment blank contamination affect the final results?			**X**	
11 Were Continuous Calibration Blanks (CCBs) analyzed?		**X**		
12 Were CCBs within the control window?				
13 Did the CCB contamination affect the final results?				
Surrogates				
1 Were surrogates added prior to extraction for all appropriate methods?	X			
2 Were surrogate percent recoveries within laboratory control limits?	X			
3 Did the surrogate percent recoveries affect the final results?		**X**		
Laboratory Control Samples				
1 Were Laboratory Control Sample (LCS) analyzed at a frequency of one per batch?	X			
2 Were LCSs spiked with appropriate list of target compounds?		**X**		**1**
3 Were LCS percent recoveries within laboratory control limits?		**X**		
4 Did the LCS percent recoveries affect the final results?		**X**		
5 If performed, was LCS Duplicate data provided?	**X**			
6 Were the LCS/LCSD RPD values within laboratory control limits?			**X**	
Matrix Spikes				
1 Were MS/MSDs analyzed at a frequency of one per batch?	X			
Sample used/methods: CWM-183-MW06				
2 Were MS/MSDs performed on a project sample selected by the laboratory?	**X**			
Sample used/methods: CWM-183-MW20 (dilution)				
3 Were MS/MSDs spiked with appropriate list of target compounds?	**X**			
4 Were MS/MSD percent recoveries within laboratory control limits?		**X**		**2**
5 Did the MS/MSD percent recoveries affect the final results? If yes, narrate.		**X**		**2**
6 Were the MS/MSD RPD values within laboratory control limits?				
7 Did the MS/MSD RPDs affect the final results?		**X**		

Laboratory Report ID:					
Laboratory Name:	TALSAV	Report Package Date:			
Project Name:	T6	Review Date:			
SDG:	680-232164-1, 680-232387-1				
Reviewer Name:	B. Van Pelt				
Parameters:	DHG, VOC, TOC				
Method IDs:	RSK-175, SW8260D, SW9060, SW9060A	Rejected Results?			0
Matrix:	WG				

		Yes	No	N/A	Comment
	Field and Laboratory Duplicates				
1	Was a field duplicate submitted with this SDG?	X			
	Field Duplicate ID: DUP412, DUP413				
2	Were the field sample RPD values less than review criteria?			X	
3	Did the field duplicate RPD results affect the final results? If so, narrate.				
4	Was a laboratory method duplicate (MD) performed?		X		
	MD ID:				
5	Did the field duplicate RPD results affect the final results?		X		
7	Did the MD results affect the final results?			X	
	Other Laboratory QC Data				
1	Were internal standard data reported? (organics and inorganics by 6020)	X			
2	Were IS area counts and retention times within method required limits?	X			
3	Were data associated with manual integration flagged on the test reports?			X	
4	Did dual-column confirmation results (PCBs) meet method-required QC limits of <25% difference?			X	
5	Was an interference check sample analyzed and were percent recoveries within QC limits?			X	
6	If serial dilutions were analyzed using a project sample, were the percent differences within QC limits?			X	
7	Was a CRDL check sample analyzed and were the percent recoveries within QC limits?			X	
8	If post-digestion spikes (PDS) were performed for metals, were percent recoveries with QC limits?			X	
9	If ICV/CCV was stated in the case narrative, did the ICV/CCV affect the project samples?	X			
10	Were the total metal results greater than the dissolved metal results?			X	
11	Samples properly presevered and handled?		X		3

Comment No.	*Description (data usability; note any estimated and/or rejected data):*
1	**Batch 769205 High LCS and LCSD recoveries chloroethane and trichlorofluoromethane. Samples ND, no quals.** **Batch 769425 High LCS and LCSD recoveries trichlorofluoromethane. Samples ND, no quals.** **Batch 769685 High LCS for bromoform and LCS and LCSD recoveries for trans-1,4-dichloro-2-butene and Iodomethane. LCSD high for 1,2-dichloro-2-chloropropane.** **Batch 769799 recoveries LCS and LCSD high for chloroethane;Samples ND, no quals. Chloromethane low in LCS and LCSD, samples ND 'UJ'.** **Batch 769994 recoveries LCS and LCSD high for chloroethane;Samples ND, no quals. Chloromethane low in LCS and LCSD, samples ND 'UJ'.** **Batch 770207 recoveries high for LCS and LCSD bromoform, trans-1,4-dichloro-2-butene and iodomethane and LCS high for 1,2-dichloro3-chloropropane.**
2	**MS/MSD for batch 769685 is assocation with the dilution of CWM-183-20 and only applies to trichloroethene which met criteria.** **CWM-183-20 MS and MSD - high trans-1,4-dichloro-2-butene and iodomethane, ND in samples, no qual; low MSD 2-butanone - MS okay, no qual**
3	
4	
5	

Table 1 - Sample Index

SiteName	StationName	QC Code	Matrix	Sample Date	Lab	Delivery Group	Lab SampleID	Method	Analytical Batch
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW04	NS	WG	3/20/23	TALSAV	680-232387-1	680-232387-4	RSK-175	680-769306
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW04	NS	WG	3/20/23	TALSAV	680-232387-1	680-232387-4	SW8260D	680-769994
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW04	NS	WG	3/20/23	TALSAV	680-232387-1	680-232387-4	SW9060	680-770531
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW06	NS	WG	3/20/23	TALSAV	680-232387-1	680-232387-7	SW8260D	680-770207
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW06	MS	WG	3/20/23	TALSAV	680-232387-1	680-232387-7 MS	SW8260D	680-770207
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW06	MSD	WG	3/20/23	TALSAV	680-232387-1	680-232387-7 MSD	SW8260D	680-770207
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW07	NS	WG	3/15/23	TALSAV	680-232164-1	680-232164-1	SW8260D	680-769205
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW08	NS	WG	3/14/23	TALSAV	680-232164-1	680-232164-9	SW8260D	680-769685
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW09	NS	WG	3/15/23	TALSAV	680-232164-1	680-232164-13	RSK-175	680-768985
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW09	NS	WG	3/15/23	TALSAV	680-232164-1	680-232164-13	SW8260D	680-769215
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW09	NS	WG	3/15/23	TALSAV	680-232164-1	680-232164-13	SW8260D	680-769685
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW09	NS	WG	3/15/23	TALSAV	680-232164-1	680-232164-13	SW9060A	680-769377
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW11	NS	WG	3/20/23	TALSAV	680-232387-1	680-232387-5	SW8260D	680-769994
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW13	NS	WG	3/20/23	TALSAV	680-232387-1	680-232387-1	RSK-175	680-769306
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW13	NS	WG	3/20/23	TALSAV	680-232387-1	680-232387-1	SW8260D	680-769994
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW13	NS	WG	3/20/23	TALSAV	680-232387-1	680-232387-1	SW8260D	680-770207

PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW13	NS	WG	3/20/23	TALSAV	680-232387-1	680-232387-1	SW9060	680-770531
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW15	NS	WG	3/20/23	TALSAV	680-232387-1	680-232387-2	SW8260D	680-769994
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW15	NS	WG	3/20/23	TALSAV	680-232387-1	680-232387-2	SW8260D	680-770207
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW16	NS	WG	3/20/23	TALSAV	680-232387-1	680-232387-3	SW8260D	680-769994
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW17	NS	WG	3/14/23	TALSAV	680-232164-1	680-232164-3	SW8260D	680-769799
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW17	FD	WG	3/15/23	TALSAV	680-232164-1	680-232164-10	SW8260D	680-769205
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW19	NS	WG	3/14/23	TALSAV	680-232164-1	680-232164-5	SW8260D	680-769685
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW20	NS	WG	3/15/23	TALSAV	680-232164-1	680-232164-12	RSK-175	680-768985
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW20	NS	WG	3/15/23	TALSAV	680-232164-1	680-232164-12	SW8260D	680-769215
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW20	NS	WG	3/15/23	TALSAV	680-232164-1	680-232164-12	SW8260D	680-769685
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW20	NS	WG	3/15/23	TALSAV	680-232164-1	680-232164-12	SW9060A	680-769377
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW20	MS	WG	3/15/23	TALSAV	680-232164-1	680-232164-12 MS	SW8260D	680-769685
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW20	MSD	WG	3/15/23	TALSAV	680-232164-1	680-232164-12 MSD	SW8260D	680-769685
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW21	NS	WG	3/14/23	TALSAV	680-232164-1	680-232164-6	SW8260D	680-769685
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW21	FD	WG	3/14/23	TALSAV	680-232164-1	680-232164-11	SW8260D	680-769205
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW22	NS	WG	3/14/23	TALSAV	680-232164-1	680-232164-7	SW8260D	680-769685
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW23	NS	WG	3/20/23	TALSAV	680-232387-1	680-232387-6	RSK-175	680-769306

PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW23	NS	WG	3/20/23	TALSAV	680-232387-1	680-232387-6	RSK-175	680-770278
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW23	NS	WG	3/20/23	TALSAV	680-232387-1	680-232387-6	SW8260D	680-769994
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW23	NS	WG	3/20/23	TALSAV	680-232387-1	680-232387-6	SW9060	680-770531
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW25	NS	WG	3/14/23	TALSAV	680-232164-1	680-232164-2	SW8260D	680-769685
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW28	NS	WG	3/14/23	TALSAV	680-232164-1	680-232164-4	SW8260D	680-769685
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW31	NS	WG	3/13/23	TALSAV	680-232164-1	680-232164-8	SW8260D	680-769425
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	Trip Blank (TB610)	TB	W	3/21/23	TALSAV	680-232387-1	680-232387-8	SW8260D	680-769994
MCCLELLAN FIELD QC	TRIP BLANK	TB	W	3/16/23	TALSAV	680-232164-1	680-232164-14	SW8260D	680-769215
MCCLELLAN FIELD QC	TRIP BLANK	TB	W	3/21/23	TALSAV	680-232387-1	680-232387-8	SW8260D	680-769994

SiteName	tationNam	CSampleCo	eliveryGrou	LongName	alyticMeth	Units	FD Value	FD Flag	NS Value	NS Flag	RPD	RPD Limit
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW17 (DUP412)	FD	680-232164-1	Cis-1,2-Dichloroethene	SW8260D	µg/L	0.54	J	0.43	J	22.68041	20
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW17 (DUP412)	FD	680-232164-1	Trichloroethene	SW8260D	µg/L	5.8		5.2		10.90909	20
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW17 (DUP412)	FD	680-232164-1	Vinyl Chloride	SW8260D	µg/L	0.94	J	0.73	J	25.1497	20
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW21 (DUP413)	FD	680-232164-1	Chlorobenzene	SW8260D	µg/L	1.3		1.3		0	20
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW21 (DUP413)	FD	680-232164-1	Cis-1,2-Dichloroethene	SW8260D	µg/L	6.1		6.3		3.225806	20
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW21 (DUP413)	FD	680-232164-1	Trans-1,2-Dichloroethene	SW8260D	µg/L	0.75	J	0.97	J	25.5814	20
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW21 (DUP413)	FD	680-232164-1	Trichloroethene	SW8260D	µg/L	7.3		6.9		5.633803	20
PARCEL 183(6) TRAINING AREA T6 (NAYLOR FIELD)	CWM-183-MW21 (DUP413)	FD	680-232164-1	Vinyl Chloride	SW8260D	µg/L	6.6		6.6		0	20

APPENDIX E

ADDITIONAL DATA

Table E1: Groundwater Analytical Results,
Training Area T-6 and Cane Creek Training Area, McClellan, Anniston, Alabama

Method	Parameter Name	Units	CWM-183-MW04 12/12/14	CWM-183-MW04 2/24/15	CWM-183-MW04 6/1/15	CWM-183-MW04 8/26/15	CWM-183-MW04 12/1/15	CWM-183-MW04 3/2/16	CWM-183-MW04 9/26/16	CWM-183-MW04 3/15/17	CWM-183-MW04 9/14/17	CWM-183-MW04 3/15/18	CWM-183-MW04 3/12/19	CWM-183-MW04 9/26/19	CWM-183-MW04 3/18/20	CWM-183-MW04 9/23/20	CWM-183-MW04 3/24/21	CWM-183-MW04 9/20/21	CWM-183-MW04 3/15/22
SW8260B	1,1,2,2-Tetrachloroethane	µg/L	13	1.7	0.85 J	0.75 J	1.0	0.73 J	< 1.0	0.95 J	17	0.46 J	22	< 1	1.6	< 1	23	< 1	
SW8260B	1,1,2-Trichloroethane	µg/L	0.43 J	< 1.0	< 1.0	0.46 J	< 1.0	< 1.0	< 1.0	< 1.0	0.27 J	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	1,1-Dichloroethene	µg/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.2 J	< 1	0.27 J	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	1,2-Dichloroethane	µg/L	0.22 J	0.24 J	0.74 J	1.2	0.38 J	< 1.0	0.32 J	0.37 J	0.32 J	0.75 J	< 1	< 1	< 1	< 1	< 1	0.27 J	< 1
SW8260B	Chloroethane	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2	< 2	< 2	< 5	< 5	< 5	< 5	< 5	< 5	< 5
SW8260B	Chloroform	µg/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	Chloromethane	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	Cis-1,2-Dichloroethene	µg/L	4.0	20	8.2	5.3	1.6	1.8	1.3	8.1	4.5	10	6.1	1.8 B	4.2	1.7	3.2	2.3	2.1
SW8260B	Methylene Chloride	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2	< 2	< 2	< 5	< 5	< 5	< 5	< 5	< 5	< 5
SW8260B	Tetrachloroethene	µg/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1	< 1	< 1	1.8 B	< 1	< 1	< 1	< 0.5	< 0.5
SW8260B	Trans-1,2-Dichloroethene	µg/L	1.6	4.5	3.3	1.8	1.8	0.80 J	0.63 J	2.2	1.7	3.3	1.6	0.58 J	1.7	0.58 J	1.4	0.7 J	0.86 J
SW8260B	Trichloroethene	µg/L	12	1.4	0.67 J	1.0 J	0.58 J	0.50 J	0.28 J	1.4	5.3	4.7	9.7	1.0	1.0	0.95 J	8.1	< 1	< 1
SW8260B	Vinyl Chloride	µg/L	0.38 J	11	27 (JM)	8.7	8.3	3.7	3.1	12	5.7	13	4.1	3.6	4.0	6.8	3	5.9	8.9
RSK-175	Ethane	µg/L	< 1.5	< 1.5	< 1.5	< 1.5	1.0 J	< 1.5	3.9	0.65 J	< 1.5	0.7 J	< 1.1	4.2	< 1.1	1.6	< 1.1	2.1	< 1.1
RSK-175	Ethene	µg/L	< 1.5	< 1.5	< 1.5	0.63 J	2.8	< 1.5	1.2 J	1.2 J	1.1 J	2.4	< 1	1.2	< 1	1.9	0.69 J	2.3	1.1
RSK-175	Methane	µg/L	1.3	1000	8300	9900	3500	920	3000	720	410	520	230	290	77	150	210	200	130
SW9056	Bromide	mg/L	< 0.5	1.69	1.39	1.15	1.01	< 0.5	--	--	--	--	--	--	--	--	--	--	--
SW9056	Chloride-Cl	mg/L	2.72	3.72	5.24	6.56	3.98	2.11	--	--	--	--	--	--	--	--	--	--	--
SM4500	Ammonia	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SW9056	Nitrate-N	mg/L	0.071 J	< 0.1	< 0.1	0.053 J	0.0986 J	< 0.1	--	--	--	--	--	--	--	--	--	--	--
SW9056	Sulfate	mg/L	9.82	5.8	1.25	1.57	3.76	5.13	--	--	--	--	--	--	--	--	--	--	--
SW9060	TOC	mg/L	3.64	17.9	10.3	8.15	5.05	5.77	3.98	6.96	4.38	3.48	2.4	3.8	2.4	4.2	3	3	--

Method	Parameter Name	Units	CWM-183-MW04 9/20/22	CWM-183-MW04 3/20/23
SW8260B	1,1,2,2-Tetrachloroethane	µg/L	< 1	< 1
SW8260B	1,1,2-Trichloroethane	µg/L	< 1	< 1
SW8260B	1,1-Dichloroethene	µg/L	< 1	< 1
SW8260B	1,2-Dichloroethane	µg/L	< 1	< 1
SW8260B	Chloroethane	µg/L	< 5	< 5
SW8260B	Chloroform	µg/L	< 1	< 1
SW8260B	Chloromethane	µg/L	< 1	< 1 (UJ)
SW8260B	Cis-1,2-Dichloroethene	µg/L	3.5	3.8
SW8260B	Methylene Chloride	µg/L	< 5	< 5
SW8260B	Tetrachloroethene	µg/L	< 0.5	< 0.5
SW8260B	Trans-1,2-Dichloroethene	µg/L	0.47 J	2.4
SW8260B	Trichloroethene	µg/L	0.83 J	0.85 J
SW8260B	Vinyl Chloride	µg/L	5	4.8
RSK-175	Ethane	µg/L	0.63 J	0.3 J
RSK-175	Ethene	µg/L	0.78 J	0.91 J
RSK-175	Methane	µg/L	120	98
SW9056	Bromide	mg/L	--	--
SW9056	Chloride-Cl	mg/L	--	--
SM4500	Ammonia	mg/L	--	--
SW9056	Nitrate-N	mg/L	--	--
SW9056	Sulfate	mg/L	--	--
SW9060	TOC	mg/L	--	2.8

Table E1: Groundwater Analytical Results,
Training Area T-6 and Cane Creek Training Area, McClellan, Anniston, Alabama

Method	Parameter Name	Units	CWM-183-MW06 12/15/14	CWM-183-MW06 3/2/15	CWM-183-MW06 6/2/15	CWM-183-MW06 8/31/15	CWM-183-MW06 12/3/15	CWM-183-MW06 3/2/16	CWM-183-MW06 9/23/16	CWM-183-MW06 3/16/17	CWM-183-MW06 9/13/17	CWM-183-MW06 3/15/18	CWM-183-MW06 9/17/18	CWM-183-MW06 3/12/19	CWM-183-MW06 9/25/19	CWM-183-MW06 3/19/20	CWM-183-MW06 9/24/20	CWM-183-MW06 3/24/21	CWM-183-MW06 9/20/21
SW8260B	1,1,2,2-Tetrachloroethane	µg/L	11	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1	4.2	< 1	< 1	< 1 *	< 1	< 1	< 1	< 1
SW8260B	1,1,2-Trichloroethane	µg/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1	< 1	< 1	< 1	< 1 *	< 1	< 1	< 1	< 1
SW8260B	1,1-Dichloroethene	µg/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1	< 1	< 1	< 1	< 1 *	< 1	< 1	< 1	< 1
SW8260B	1,2-Dichloroethane	µg/L	< 1.0	< 1.0	< 1.0	0.34 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1	< 1	< 1	< 1	< 1 *	< 1	< 1	< 1	< 1
SW8260B	Chloroethane	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2	< 2	< 2	< 5	< 5	< 5 *	< 5	< 5	< 5	< 5
SW8260B	Chloroform	µg/L	12	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1	< 1	< 1	< 1	< 1 *	< 1	< 1	< 1	< 1
SW8260B	Chloromethane	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2	< 2	< 2	< 1	< 1	< 1 *	< 1	< 1	< 1	< 1
SW8260B	Cis-1,2-Dichloroethene	µg/L	< 1.0	< 1.0	< 1.0	0.38 J	< 1.0	< 1.0	2.2	< 1.0	< 1	< 1	< 1	< 1	< 1 *	< 1	< 1	< 1	< 1
SW8260B	Methylene Chloride	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	0.57 J	0.77 J (UB)	< 2	< 2	< 2	< 5	< 5	< 5 *	< 5	< 5	< 5	< 5
SW8260B	Tetrachloroethene	µg/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1	< 1	< 1	< 1	< 1 *	< 1	< 1	< 1	< 0.5
SW8260B	Trans-1,2-Dichloroethene	µg/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1	< 1	< 1	< 1	< 1 *	< 1	< 1	< 1	< 1
SW8260B	Trichloroethene	µg/L	15	< 1.0	0.2 J	0.84 J	< 1.0	0.31 J	< 1.0	< 1.0	< 1	0.23 J	< 1	< 1	< 1 *	< 1	< 1	0.49 J	< 1
SW8260B	Vinyl Chloride	µg/L	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 1	< 1	< 1 *	< 1	< 1	< 1	< 1
RSK-175	Ethane	µg/L	< 1.5	0.68 J	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.1	< 1.1	3.8	< 1.1	< 1.1	< 1.1	--
RSK-175	Ethene	µg/L	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1	< 1	< 1	< 1	< 1	< 1	--
RSK-175	Methane	µg/L	< 1.2	0.94 J	1300	3300	1500	4500	5600	1000	1800	38	4000	360	640	0.85	620	0.71	--
SW9056	Bromide	mg/L	4.04	4.75	4.26	2.27	2.3	2.8	--	--	--	--	--	--	--	--	--	--	--
SW9056	Chloride-Cl	mg/L	73.2	14.5	36.1	47.2	12.5	5.99	--	--	--	--	--	--	--	--	--	--	--
SW9056	Nitrate-N	mg/L	0.34	0.052 J	< 0.1	< 0.1	< 0.1	< 0.1	--	--	--	--	--	--	--	--	--	--	--
SW9056	Sulfate	mg/L	5.19	6.47	1.4	1.08	2.06	1.4	--	--	--	--	--	--	--	--	--	--	--
SW9060	TOC	mg/L	0.757 J	36.3	28.8	86.4	11.9	5.08	2.18	3.66	1.99	1.26	0.72 J	0.71 J	< 1	0.80 J	1.6	0.76 J	--

Method	Parameter Name	Units	CWM-183-MW06 9/21/22	CWM-183-MW06 3/20/23
SW8260B	1,1,2,2-Tetrachloroethane	µg/L	< 1	< 1
SW8260B	1,1,2-Trichloroethane	µg/L	< 1	< 1
SW8260B	1,1-Dichloroethene	µg/L	< 1	< 1
SW8260B	1,2-Dichloroethane	µg/L	< 1	< 1
SW8260B	Chloroethane	µg/L	< 5	< 5
SW8260B	Chloroform	µg/L	< 1	< 1
SW8260B	Chloromethane	µg/L	< 1	< 1
SW8260B	Cis-1,2-Dichloroethene	µg/L	< 1	< 1
SW8260B	Methylene Chloride	µg/L	< 5	< 5
SW8260B	Tetrachloroethene	µg/L	< 0.5	< 0.5
SW8260B	Trans-1,2-Dichloroethene	µg/L	< 1	< 1
SW8260B	Trichloroethene	µg/L	0.28 J	< 1
SW8260B	Vinyl Chloride	µg/L	< 1	< 1

Table E1: Groundwater Analytical Results,
Training Area T-6 and Cane Creek Training Area, McClellan, Anniston, Alabama

Method	Parameter Name	Units	CWM-183-MW07 12/11/14	CWM-183-MW07 2/25/15	CWM-183-MW07 6/4/15	CWM-183-MW07 9/1/15	CWM-183-MW07 12/7/15	CWM-183-MW07 3/8/16	CWM-183-MW07 9/27/16	CWM-183-MW07 3/20/17	CWM-183-MW07 9/18/17	CWM-183-MW07 3/15/18	CWM-183-MW07 6/11/18	CWM-183-MW07 3/13/19	CWM-183-MW07 3/19/20	CWM-183-MW07 3/24/21	CWM-183-MW07 9/20/21	CWM-183-MW07 3/16/22	CWM-183-MW07 9/19/22	CWM-183-MW07 3/15/23
SW8260B	1,1,2,2-Tetrachloroethane	µg/L	dry	470	630	340	370	130	dry	260	45	4.2	1.5	2.9	1.3	1.5	6	3	dry	0.79 J
SW8260B	1,1,2-Trichloroethane	µg/L	dry	9.3	6.7	5.1	6.0	1.9	dry	4.2	0.48 J	< 1	< 1	< 1	< 1	< 1	< 1	< 1	dry	< 1
SW8260B	1,1-Dichloroethene	µg/L	dry	0.26 J	< 1.0	< 1.0	1.7	0.34 J	dry	0.75 J	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	dry	< 1
SW8260B	1,2-Dichloroethane	µg/L	dry	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	dry	< 1.0	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	dry	< 1
SW8260B	Chloroethane	µg/L	dry	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	dry	< 2	< 2	< 2	< 5	< 5	< 5	< 5	< 5	< 5	dry	< 5
SW8260B	Chloroform	µg/L	dry	22	19	15	13	4.4	dry	9.9	3.7	0.41 J	< 1	< 1	< 1	< 1	0.44 J	< 1	dry	< 1
SW8260B	Chloromethane	µg/L	dry	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	dry	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	dry	< 1
SW8260B	Cis-1,2-Dichloroethene	µg/L	dry	24	13	4.8	15	6.6	dry	7.1	5	33	2.1	0.84 J	1.5	2	9.9	1.6	dry	1.5
SW8260B	Methylene Chloride	µg/L	dry	< 2.0	< 2.0	< 2.0	2 U^ (UB)	< 2.0	dry	< 2	< 2	< 2	< 5	< 5	< 5	< 5	< 5	< 5	dry	< 5
SW8260B	Tetrachloroethene	µg/L	dry	10	8.9	2.8	4.7	3.2	dry	7.1	2.1	0.33 J	< 1	< 1	< 1	< 1	< 0.5	< 0.5	dry	< 0.5
SW8260B	Trans-1,2-Dichloroethene	µg/L	dry	1.4	0.72 J	0.29 J	0.89 J	0.51 J	dry	0.45 J	< 1	3.9	0.68 J *	< 1	< 1	< 1	0.66 J	< 1	dry	< 1
SW8260B	Trichloroethene	µg/L	dry	1100	990	550	670	290	dry	490	170	7.4	4.7	7.9	5.6	16	14	18	dry	11
SW8260B	Vinyl Chloride	µg/L	dry	0.52 J	0.35 J	< 0.8	1.4	0.92	dry	0.2 J	< 0.8	21	1.2	< 1	< 1	< 1	0.74 J	< 1	dry	< 1
RSK-175	Ethane	µg/L	dry	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	dry	< 1.5	< 1.5	2.1	0.6 J	< 1.1	< 1.1	< 1.1	--	--	--	--
RSK-175	Ethene	µg/L	dry	< 1.5	< 1.5	< 1.5	< 1.5	0.64 J	dry	< 1.5	< 1.5	12	1.3	< 1	< 1	< 1	--	--	--	--
RSK-175	Methane	µg/L	dry	13	0.92 J	0.63 J	3.8	43	dry	< 1.2	190	2600	560	0.60	< 0.58	0.8	--	--	--	--
SW9060	TOC	mg/L	dry	0.863 J	0.993 J	1.01	0.956 J	0.735 J	dry	--	1.36	3.06	2.9	0.58 J	1.4	1.4	--	--	--	--

Method	Parameter Name	Units	CWM-183-MW08 12/11/14	CWM-183-MW08 2/26/15	CWM-183-MW08 6/2/15	CWM-183-MW08 8/25/15	CWM-183-MW08 12/7/15	CWM-183-MW08 3/7/16	CWM-183-MW08 9/27/16	CWM-183-MW08 3/16/17	CWM-183-MW08 9/14/17	CWM-183-MW08 3/14/18	CWM-183-MW08 9/18/18	CWM-183-MW08 3/18/19	CWM-183-MW08 9/25/19	CWM-183-MW08 3/19/20	CWM-183-MW08 9/23/20	CWM-183-MW08 3/24/21	CWM-183-MW08 9/20/21	CWM-183-MW08 3/16/22
SW8260B	1,1,2,2-Tetrachloroethane	µg/L	4.5	2.0	0.38 J	< 1.0	0.53 J	0.41 J	< 1.0	< 1.0	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	1,1,2-Trichloroethane	µg/L	0.47 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	1,1-Dichloroethene	µg/L	< 1.0	0.26 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1	0.66 J	< 1	< 1	< 1	< 1	0.93 J	< 1	< 1	< 1
SW8260B	1,2-Dichloroethane	µg/L	< 1.0	< 1.0	0.44 J	0.27 J	0.23 J	< 1.0	< 1.0	< 1.0	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.3 J	< 1
SW8260B	Chloroethane	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2	< 2	< 2	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
SW8260B	Chloroform	µg/L	0.48 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	Chloromethane	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	Cis-1,2-Dichloroethene	µg/L	1.6	100	12	0.98 J	1.0	2.1	18	1.7	2.5	1.1	1.7	0.6 J	0.76 J	3.2	45	1.1	1.5	2.3
SW8260B	Methylene Chloride	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2	< 2	< 2	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
SW8260B	Tetrachloroethene	µg/L	3.6	0.6 J	< 1.0	< 1.0	0.26 J	< 1.0	< 1.0	< 1.0	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 0.5	< 0.5
SW8260B	Trans-1,2-Dichloroethene	µg/L	< 1.0	0.2 J	0.9 J	0.98 J	0.29 J	0.37 J	1.3	< 1.0	1.1	0.3 J	5.7	< 1	2.2 B	0.92 J	4.4	< 1	0.39 J	< 1
SW8260B	Trichloroethene	µg/L	210	9.0	3.8	1.2	1.8	2.1	17	1.1	0.49 J	0.39 J	< 1	0.5 J	< 1	3.8	9.3	0.48 J	1.4	3.8
SW8260B	Vinyl Chloride	µg/L	< 0.8	1.7	170	3.7	1.6	1.9	13	0.66 J	5	0.77 J	3.1	0.59 J	2.4	2.9	32	< 1	3.3	< 1
RSK-175	Ethane	µg/L	< 1.5	< 1.5	< 1.5	16	5.0	3.8	21	4.1	--	--	--	--	--	--	--	--	--	--
RSK-175	Ethene	µg/L	< 1.5	< 1.5	0.97 J	12	< 1.5	< 1.5	10	< 1.5	--	--	--	--	--	--	--	--	--	--
RSK-175	Methane	µg/L	< 1.2	16	3600	12000	3000	1800	2600	1100	--	--	--	--	--	--	--	--	--	--
SW9060	TOC	mg/L	1.62	5.43	18.7	11.8	3.91	1.26	--	--	--	--	--	--	--	--	--	--	--	--

Method	Parameter Name	Units	CWM-183-MW08 9/21/22	CWM-183-MW08 3/14/23
SW8260B	1,1,2,2-Tetrachloroethane	µg/L	< 1	< 1
SW8260B	1,1,2-Trichloroethane	µg/L	< 1	< 1
SW8260B	1,1-Dichloroethene	µg/L	2.6	< 1
SW8260B	1,2-Dichloroethane	µg/L	< 1	< 1
SW8260B	Chloroethane	µg/L	< 5	< 5
SW8260B	Chloroform	µg/L	< 1	< 1
SW8260B	Chloromethane	µg/L	< 1	< 1
SW8260B	Cis-1,2-Dichloroethene	µg/L	88	3.5
SW8260B	Methylene Chloride	µg/L	< 5	< 5
SW8260B	Tetrachloroethene	µg/L	< 0.5	< 0.5
SW8260B	Trans-1,2-Dichloroethene	µg/L	3.5	< 1
SW8260B	Trichloroethene	µg/L	88	3.1
SW8260B	Vinyl Chloride	µg/L	22	0.77 J

Table E1: Groundwater Analytical Results,
Training Area T-6 and Cane Creek Training Area, McClellan, Anniston, Alabama

Method	Parameter Name	Units	CWM-183-MW09 12/11/14	CWM-183-MW09 3/3/15	CWM-183-MW09 6/4/15	CWM-183-MW09 9/1/15	CWM-183-MW09 12/9/15	CWM-183-MW09 3/8/16	CWM-183-MW09 9/27/16	CWM-183-MW09 3/20/17	CWM-183-MW09 9/18/17	CWM-183-MW09 3/15/18	CWM-183-MW09 6/11/18	CWM-183-MW09 9/19/18	CWM-183-MW09 3/18/19	CWM-183-MW09 3/19/20	CWM-183-MW09 9/24/20	CWM-183-MW09 3/24/21	CWM-183-MW09 9/20/21	CWM-183-MW09 3/16/22
SW8260B	1,1,2,2-Tetrachloroethane	µg/L	dry	120	630	22	360	950	dry	350	0.21 J	24	< 1	< 1	2.2	20	< 1	76	< 1	23
SW8260B	1,1,2-Trichloroethane	µg/L	dry	2.1	2.1	< 1.0	2.0	3.2	dry	2.7	1.5	10	< 1	< 1	0.79 J	8.3	< 1	11	< 1	2.1
SW8260B	1,1-Dichloroethene	µg/L	dry	< 1.0	0.42 J	< 1.0	< 1.0	< 1.0	dry	< 1.0	0.22 J	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1 (UJ)
SW8260B	1,2-Dichloroethane	µg/L	dry	< 1.0	< 1.0	< 1.0	0.82 J	< 1.0	dry	< 1.0	1.4	22	3 *	0.81 J	4.3	0.94 J	< 1	< 1	< 1	< 1
SW8260B	Chloroethane	µg/L	dry	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	dry	< 2	< 2	0.71 J	< 5	< 5	< 5	< 5 *	< 5	< 5	< 5	< 5
SW8260B	Chloroform	µg/L	dry	1.2	2.0	0.26 J	0.73 J	1.3	dry	0.43 J	0.21 J	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	Chloromethane	µg/L	dry	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	dry	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	Cis-1,2-Dichloroethene	µg/L	dry	17	400	59	38	6	dry	12	280	9.9	< 1	< 1	5.3	3.5	< 1	1.7	2	< 1
SW8260B	Methylene Chloride	µg/L	dry	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	dry	< 2	0.6 J	< 2	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
SW8260B	Tetrachloroethene	µg/L	dry	0.76 J	2.7	0.6 J	0.74 J	2.3	dry	1.2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 0.5	< 0.5
SW8260B	Trans-1,2-Dichloroethene	µg/L	dry	< 1.0	6.7	14	26	0.50 J	dry	3.9	10	5.1	3.1 *	5.8	33	4.4	2.1	2.1	3.2	< 1
SW8260B	Trichloroethene	µg/L	dry	86	230	47	47	180	dry	51	0.83 J	7.5	< 1	< 1	< 1	3.4	< 1	6.2	2.1	1.6
SW8260B	Vinyl Chloride	µg/L	dry	< 0.8	1.9	10	14	0.33 J	dry	3	94	5.7	< 1	< 1	14	4.0	< 1	0.73 J	2.7	< 1
RSK-175	Ethane	µg/L	dry	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	dry	1.4 J	6.9	2.5	6.4	11	34	1.3	11	< 1.1	4.6	< 1.1
RSK-175	Ethene	µg/L	dry	< 1.5	< 1.5	63	8.0	< 1.5	dry	1.8	8.4	0.73 J	< 1	2.0	25	0.76 J	< 1	< 1	2.3	< 1
RSK-175	Methane	µg/L	dry	0.48 J	1800	4600	900	14	dry	430	5300	9300	20000	14000	5900	300	1400	53	600	33
SW9060	TOC	mg/L	dry	0.999 J	12.7	7.3	1.24	2.73	dry	--	124	9.79	12	17	3.6	1.8	3.7	1.9	2.5	--

Method	Parameter Name	Units	CWM-183-MW09 9/19/22	CWM-183-MW09 3/15/23
SW8260B	1,1,2,2-Tetrachloroethane	µg/L	dry	58
SW8260B	1,1,2-Trichloroethane	µg/L	dry	4.3
SW8260B	1,1-Dichloroethene	µg/L	dry	< 1
SW8260B	1,2-Dichloroethane	µg/L	dry	< 1
SW8260B	Chloroethane	µg/L	dry	< 5
SW8260B	Chloroform	µg/L	dry	< 1
SW8260B	Chloromethane	µg/L	dry	< 1
SW8260B	Cis-1,2-Dichloroethene	µg/L	dry	< 1
SW8260B	Methylene Chloride	µg/L	dry	< 5
SW8260B	Tetrachloroethene	µg/L	dry	< 0.5
SW8260B	Trans-1,2-Dichloroethene	µg/L	dry	< 1
SW8260B	Trichloroethene	µg/L	dry	3.6
SW8260B	Vinyl Chloride	µg/L	dry	< 1
RSK-175	Ethane	µg/L	--	< 1.1
RSK-175	Ethene	µg/L	--	< 1
RSK-175	Methane	µg/L	--	2.3
SW9060	TOC	mg/L	--	2.3

Table E1: Groundwater Analytical Results,
Training Area T-6 and Cane Creek Training Area, McClellan, Anniston, Alabama

Method	Parameter Name	Units	CWM-183-MW10 12/10/14	CWM-183-MW10 2/27/15	CWM-183-MW10 6/2/15	CWM-183-MW10 8/25/15	CWM-183-MW10 12/7/15	CWM-183-MW10 2/29/16
SW9060	TOC	mg/L	1.1	1.55	1.06	0.995 J	1.5	2.14

Method	Parameter Name	Units	CWM-183-MW11 12/15/14	CWM-183-MW11 3/2/15	CWM-183-MW11 6/2/15	CWM-183-MW11 8/31/15	CWM-183-MW11 12/3/15	CWM-183-MW11 3/2/16	CWM-183-MW11 9/23/16	CWM-183-MW11 3/16/17	CWM-183-MW11 9/13/17	CWM-183-MW11 3/15/18	CWM-183-MW11 10/2/19	CWM-183-MW11 3/19/20	CWM-183-MW11 9/24/20	CWM-183-MW11 3/24/21	CWM-183-MW11 9/24/20	CWM-183-MW11 3/24/21	CWM-183-MW11 9/18/21
SW8260B	1,1,2,2-Tetrachloroethane	µg/L	1.8	6.0	1.5	0.85 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1	0.61 J	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	1,1,2-Trichloroethane	µg/L	< 1.0	0.31 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	1,1-Dichloroethene	µg/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1 (UJ)	< 1
SW8260B	1,2-Dichloroethane	µg/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.47 J	0.21 J	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	Chloroethane	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2	< 2	0.84 J	< 5	< 5	< 5	< 5	< 5	< 5	< 5
SW8260B	Chloroform	µg/L	0.38 J	1.2	0.71 J	0.62 J	< 1.0	0.28 J	< 1.0	< 1.0	< 1	0.56 J	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	Chloromethane	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	Cis-1,2-Dichloroethene	µg/L	0.42 J	2.5	8.4	7.9	4.5	6.1	2.3	1.7	2.2	9	< 1	6.9	1.9	4.2	2.6	2.9	2.6
SW8260B	Methylene Chloride	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	0.83 J (UB)	< 2	< 2	< 2	< 5	< 5	< 5	< 5	< 5	< 5	< 5
SW8260B	Tetrachloroethene	µg/L	0.27 J	0.8 J	< 1.0	< 1.0	< 1.0	< 1.0	0.23 J	< 1.0	< 1	< 1	< 1	< 1	< 1	< 1	< 0.5	< 0.5	< 0.5
SW8260B	Trans-1,2-Dichloroethene	µg/L	< 1.0	0.75 J	0.22 J	< 1.0	< 1.0	< 1.0	0.64 J	0.93 J	4.7	1.9	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	Trichloroethene	µg/L	24	71	16	15	3.6	22	11	2.3	0.58 J	1.1	< 1	43	2.7	49	9.8	52	9.8
SW8260B	Vinyl Chloride	µg/L	< 0.8	< 0.8	< 0.8	< 0.8	5.1	< 0.8	6.8	11	10	22	< 1	2.5	2	0.88 J	2.3	< 1	2.3
RSK-175	Ethane	µg/L	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	15	12	76	59	3.1	< 1.1	1.5	0.58 J	--	--	--
RSK-175	Ethene	µg/L	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	2.6	19	20	< 1	0.54 J	1.2	0.62 J	--	--	--
RSK-175	Methane	µg/L	< 1.2	< 1.2	1.2 J	3.2	830	0.76 J	2400	1500	10000	9000	< 390	200	160	100	--	--	--
SW9056	Bromide	mg/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	--	--	--	--	--	--	--	--	--	--	--
SW9056	Chloride-Cl	mg/L	2.01	3.09	2.62	2.58	1.73	2.05	--	--	--	--	--	--	--	--	--	--	--
SW9056	Nitrate-N	mg/L	0.0708 J	0.0547 J	0.0637 J	0.092 J	< 0.1	0.0576 J	--	--	--	--	--	--	--	--	--	--	--
SW9056	Sulfate	mg/L	5.12	4.9	3.94	4.0	0.4 J	8.52	--	--	--	--	--	--	--	--	--	--	--
SW9060	TOC	mg/L	< 1.0	< 1.0	0.513 J	0.631 J	0.994 J	< 1.0	1.86	2.89	3.92	0.952 J	3.6	< 1	0.64 J	< 1	--	--	--

Method	Parameter Name	Units	CWM-183-MW11 3/16/22	CWM-183-MW11 9/21/22	CWM-183-MW11 3/20/23
SW8260B	1,1,2,2-Tetrachloroethane	µg/L	< 1	< 1	< 1
SW8260B	1,1,2-Trichloroethane	µg/L	< 1	< 1	< 1
SW8260B	1,1-Dichloroethene	µg/L	< 1 (UJ)	< 1	< 1
SW8260B	1,2-Dichloroethane	µg/L	< 1	< 1	< 1
SW8260B	Chloroethane	µg/L	< 5	< 5	< 5
SW8260B	Chloroform	µg/L	< 1	< 1	< 1
SW8260B	Chloromethane	µg/L	< 1	< 1	< 1 (UJ)
SW8260B	Cis-1,2-Dichloroethene	µg/L	2.9	3.8	3.7
SW8260B	Methylene Chloride	µg/L	< 5	< 5	< 5
SW8260B	Tetrachloroethene	µg/L	< 0.5	< 0.5	0.46 J
SW8260B	Trans-1,2-Dichloroethene	µg/L	< 1	< 1	< 1
SW8260B	Trichloroethene	µg/L	52	5.8	51
SW8260B	Vinyl Chloride	µg/L	< 1	3.6	< 1

Table E1: Groundwater Analytical Results,
Training Area T-6 and Cane Creek Training Area, McClellan, Anniston, Alabama

Method	Parameter Name	Units	CWM-183-MW13 12/11/14	CWM-183-MW13 2/24/15	CWM-183-MW13 6/1/15	CWM-183-MW13 8/26/15	CWM-183-MW13 12/1/15	CWM-183-MW13 3/1/16	CWM-183-MW13 9/26/16	CWM-183-MW13 3/15/17	CWM-183-MW13 9/14/17	CWM-183-MW13 3/14/18	CWM-183-MW13 9/19/18	CWM-183-MW13 3/12/19	CWM-183-MW13 9/26/19	CWM-183-MW13 3/18/20	CWM-183-MW13 9/23/20	CWM-183-MW13 3/24/21	CWM-183-MW13 9/18/21
SW8260B	1,1,2,2-Tetrachloroethane	µg/L	40	13	0.76 J	< 1.0	< 1.0	0.28 J	< 1.0	< 1.0	2	2.2	< 5	5	< 5	7.7	< 1	5.6	0.98 J
SW8260B	1,1,2-Trichloroethane	µg/L	1.5	0.44 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1	< 1	< 5	< 5	< 5	< 5	< 1	< 1	< 1
SW8260B	1,1-Dichloroethene	µg/L	0.46 J	1.2	1.5	< 1.0	< 1.0	< 1.0	< 1.0	8.2	27	8.4	9 (JS)	8.4	1.9 J	15	11	14	15
SW8260B	1,2-Dichloroethane	µg/L	< 1.0	< 1.0	< 1.0	< 1.0	0.38 J	< 1.0	< 1.0	< 1.0	< 1	< 1	< 5	< 5	< 5	< 5	< 1	< 1	< 1
SW8260B	Chloroethane	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2	< 2	< 2	< 25	< 25	< 25	< 25 *	< 5	< 5	< 5
SW8260B	Chloroform	µg/L	0.91 J	1.3	0.83 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.33 J	0.28 J	< 5	< 5	< 5	< 5	< 1	< 1	< 1
SW8260B	Chloromethane	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2	< 2	< 2	< 5	< 5	< 5	< 5	< 1	< 1	< 1
SW8260B	Cis-1,2-Dichloroethene	µg/L	9.2	310	490	0.88 J	0.62 J	15	1.3	110	570	200	370 (JS)	290 F1 (JM)	92 B	180	170	120	200
SW8260B	Methylene Chloride	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2	< 2	< 2	< 25	< 25	< 25	< 25	< 5	< 5	< 5
SW8260B	Tetrachloroethene	µg/L	4.7	1.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	7.9	2.3	< 5	4.4 J	7.2 B	12	< 1	3.2	3.6
SW8260B	Trans-1,2-Dichloroethene	µg/L	1.8	2.4	3.9	0.82 J	1.5	1.9	2.1	9	24	8.6	17 (JS)	12	6.2	15	13	13	20
SW8260B	Trichloroethene	µg/L	460	98	12	2.2	0.42 J	14	0.96 J	110	1700	390	310 F1 (JM)	860 F1 (JM)	38	850	250	1100	770
SW8260B	Vinyl Chloride	µg/L	0.29 J	2.4	50	80	3.8	6.2	4.1	38	32	31	76 (JS)	36	56	30	80	21	32
RSK-175	Ethane	µg/L	< 1.5	< 1.5	< 1.5	0.66 J	60	9.7	28	17	37	10	11	6.0	14	5.8	9.8	3.1	3
RSK-175	Ethene	µg/L	< 1.5	< 1.5	< 1.5	110	31	12	100	19	13	7.7	37	12	32	7.4	23	6.5	4.4
RSK-175	Methane	µg/L	5.6	60	110	3900	7100	550	1200	1000	1200	1000	2200	850	1700	730	1100	340	350
SW9056	Bromide	mg/L	< 0.5	0.445 J	< 0.5	0.31 J	0.413 J	< 0.5	--	--	--	--	--	--	--	--	--	--	--
SW9056	Chloride-Cl	mg/L	9.24	9.27	20.1	11.3	9.62	7.09	--	--	--	--	--	--	--	--	--	--	--
SW9056	Nitrate-N	mg/L	0.0525 J	< 0.1	< 0.1	< 0.1	0.0677 J	< 0.1	--	--	--	--	--	--	--	--	--	--	--
SW9056	Sulfate	mg/L	5.16	1.21	3.77	< 0.5	0.594	2.82	--	--	--	--	--	--	--	--	--	--	--
SW9060	TOC	mg/L	0.97 J	3.12	1.76	8.03	6.24	1.43	2.71	3.17	2.62	1.34	1.6	0.87 J	0.89 J	1.2	1.3	0.84 J	1.1

Method	Parameter Name	Units	CWM-183-MW13 3/16/22	CWM-183-MW13 9/20/22	CWM-183-MW13 3/20/23
SW8260B	1,1,2,2-Tetrachloroethane	µg/L	< 10	< 1	5.9
SW8260B	1,1,2-Trichloroethane	µg/L	< 10	< 1	< 1
SW8260B	1,1-Dichloroethene	µg/L	3.5 J	7.9	9.3
SW8260B	1,2-Dichloroethane	µg/L	< 10	< 1	< 1
SW8260B	Chloroethane	µg/L	< 50	< 5	< 5
SW8260B	Chloroform	µg/L	< 10	< 1	0.32 J
SW8260B	Chloromethane	µg/L	< 10	< 1	< 1 (UJ)
SW8260B	Cis-1,2-Dichloroethene	µg/L	43	130	62
SW8260B	Methylene Chloride	µg/L	< 50	< 5	< 5
SW8260B	Tetrachloroethene	µg/L	< 5	< 0.5	0.87
SW8260B	Trans-1,2-Dichloroethene	µg/L	4 J	7.8	6.2
SW8260B	Trichloroethene	µg/L	270	150	520
SW8260B	Vinyl Chloride	µg/L	< 10	88	8.4
RSK-175	Ethane	µg/L	1.2	3.8	0.72 J
RSK-175	Ethene	µg/L	1.7	7.9	0.92 J
RSK-175	Methane	µg/L	130	330	66
SW9060	TOC	mg/L	--	--	1.1

Table E1: Groundwater Analytical Results,
Training Area T-6 and Cane Creek Training Area, McClellan, Anniston, Alabama

Method	Parameter Name	Units	CWM-183-MW15 12/11/14	CWM-183-MW15 3/2/15	CWM-183-MW15 5/29/15	CWM-183-MW15 8/27/15	CWM-183-MW15 12/9/15	CWM-183-MW15 3/1/16	CWM-183-MW15 9/27/16	CWM-183-MW15 3/20/17	CWM-183-MW15 9/13/17	CWM-183-MW15 3/13/18	CWM-183-MW15 6/12/18	CWM-183-MW15 9/18/18	CWM-183-MW15 3/13/19	CWM-183-MW15 9/23/19	CWM-183-MW15 3/18/20	CWM-183-MW15 9/23/20	CWM-183-MW15 3/23/21
SW8260B	1,1,2,2-Tetrachloroethane	µg/L	2.8	0.33 J	0.24 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1	< 1	< 1	< 1 *	< 1	< 1	< 1
SW8260B	1,1,2-Trichloroethane	µg/L	0.25 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	1,1-Dichloroethene	µg/L	< 1.0	< 1.0	0.67 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	1,2-Dichloroethane	µg/L	< 1.0	< 1.0	0.33 J	0.44 J	0.34 J	< 1.0	< 1.0	< 1.0	0.32 J	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	Chloroethane	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	0.36 J	< 2	< 2	< 5	< 5	< 5	< 5	< 5	3.4 J	< 5
SW8260B	Chloroform	µg/L	1.3	0.54 J	0.69 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	Chloromethane	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2	< 2.0	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	Cis-1,2-Dichloroethene	µg/L	1.2	0.34 J	270	23	26	9.9	2.9	1.6	20	1.2	0.8 J	1.8	0.81 J	1.7	0.71 J	2.7	< 1
SW8260B	Methylene Chloride	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2	< 2	< 2	< 5	< 5	< 5	< 5	< 5	< 5	< 5
SW8260B	Tetrachloroethene	µg/L	0.3 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.22 J	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	Trans-1,2-Dichloroethene	µg/L	< 1.0	< 1.0	1.6	1.0	0.69 J	< 1.0	2.3	0.93 J	1.8	0.56 J	1.4 *	2.6	0.37 J	4.3	0.47 J	5.3	< 1
SW8260B	Trichloroethene	µg/L	52	16	15	2.2	6.9	4.6	4.4	2.8	42	2.1	2.0	3.0	2.7	1.8	0.80 J	2.8	0.67 J
SW8260B	Vinyl Chloride	µg/L	< 0.8	< 0.8	7.1	27	22	1.6	2.7	2.1	11	0.68 J	1.2	2.2	< 1	1.4	< 1	3.3	< 1
RSK-175	Ethane	µg/L	--	--	--	--	--	< 1.5	48	18	--	--	--	--	--	--	--	--	--
RSK-175	Ethene	µg/L	--	--	--	--	--	1.1 J	3.3	< 1.5	--	--	--	--	--	--	--	--	--
RSK-175	Methane	µg/L	--	--	--	--	--	75	2300	1300	--	--	--	--	--	--	--	--	--
SM4500	Ammonia	mg/L	--	--	--	--	--	--	--	--	0.0667 J	0.067 J	< 0.25	< 0.25	< 0.25	< 0.25	--	--	--
SW9056	Nitrate-N	mg/L	--	--	--	--	--	--	< 0.1	< 0.1	< 0.1	0.0501 J	< 0.05	< 0.05	< 0.05	< 0.05	--	--	--
SW9056	Sulfate	mg/L	--	--	--	--	--	--	1.57	2.81	4.95	3.32	2.5	3.5	2.5	2.2	--	--	--
SW9060	TOC	mg/L	< 1.0	< 1.0	0.629 J	0.648 J	0.732 J	0.755 J	--	--	--	--	--	--	--	--	--	--	--

Method	Parameter Name	Units	CWM-183-MW15 9/16/21	CWM-183-MW15 3/16/22	CWM-183-MW15 9/20/22	CWM-183-MW15 3/20/23
SW8260B	1,1,2,2-Tetrachloroethane	µg/L	< 1	< 1	< 1	< 1
SW8260B	1,1,2-Trichloroethane	µg/L	< 1	< 1	< 1	< 1
SW8260B	1,1-Dichloroethene	µg/L	< 1	< 1 (UJ)	< 1	< 1
SW8260B	1,2-Dichloroethane	µg/L	< 1	< 1	< 1	< 1
SW8260B	Chloroethane	µg/L	< 5	< 5	< 5	< 5
SW8260B	Chloroform	µg/L	< 1	< 1	< 1	< 1
SW8260B	Chloromethane	µg/L	< 1	< 1	< 1	< 1 (UJ)
SW8260B	Cis-1,2-Dichloroethene	µg/L	2.2	< 1	3.1	0.76 J
SW8260B	Methylene Chloride	µg/L	< 5	< 5	< 5	< 5
SW8260B	Tetrachloroethene	µg/L	< 0.5	< 0.5	< 0.5	< 0.5
SW8260B	Trans-1,2-Dichloroethene	µg/L	1.6	< 1	1.3	< 1
SW8260B	Trichloroethene	µg/L	2	< 1	1.3	0.92 J
SW8260B	Vinyl Chloride	µg/L	1.9	< 1	1.6	< 1

Table E1: Groundwater Analytical Results,
Training Area T-6 and Cane Creek Training Area, McClellan, Anniston, Alabama

Method	Parameter Name	Units	CWM-183-MW16 12/11/14	CWM-183-MW16 3/2/15	CWM-183-MW16 5/29/15	CWM-183-MW16 8/27/15	CWM-183-MW16 12/7/15	CWM-183-MW16 3/1/16	CWM-183-MW16 9/27/16	CWM-183-MW16 3/16/17	CWM-183-MW16 9/13/17	CWM-183-MW16 3/13/18	CWM-183-MW16 9/18/18	CWM-183-MW16 3/13/19	CWM-183-MW16 9/24/19	CWM-183-MW16 3/18/20	CWM-183-MW16 9/23/20	CWM-183-MW16 3/23/21	CWM-183-MW16 9/16/21
SW8260B	1,1,2,2-Tetrachloroethane	µg/L	0.51 J	0.32 J	0.2 J	0.48 J	0.29 J	< 1.0	< 1.0	< 1.0	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	1,1,2-Trichloroethane	µg/L	0.49 J	0.38 J	0.29 J	0.41 J	0.24 J	0.23 J	< 1.0	< 1.0	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	1,1-Dichloroethene	µg/L	< 1.0	< 1.0	< 1.0	0.43 J	1 U^ (UB)	0.32 J	0.25 J	0.27 J	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	1,2-Dichloroethane	µg/L	< 1.0	< 1.0	< 1.0	< 1.0	0.25 J	0.29 J	0.3 J	0.32 J	< 1	0.29 J	< 1	< 1	0.53 J	0.52 J	0.81 J	1.0 (UB)	0.48 J
SW8260B	Chloroethane	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2	1.1 J	0.62 J	< 5	< 5	3.0 J	3.0 J *	5.7	6.1	6.1
SW8260B	Chloroform	µg/L	3.3	2.8	2.4	1.1	< 1.0	< 1.0	< 1.0	< 1.0	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	Chloromethane	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	Cis-1,2-Dichloroethene	µg/L	4.0	4.6	9.4	130	140	82	38	28	0.97 J	20	8.7	7.8	9.1	7.0	4	9.2	7.4
SW8260B	Methylene Chloride	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2	< 2	< 2	< 5	< 5	< 5	< 5	< 5	< 5	< 5
SW8260B	Tetrachloroethene	µg/L	0.49 J	0.31 J	< 1.0	0.41 J	0.23 J	< 1.0	< 1.0	< 1.0	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.82 J	< 0.5
SW8260B	Trans-1,2-Dichloroethene	µg/L	< 1.0	< 1.0	< 1.0	0.57 J	0.61 J	0.74 J	0.9 J	1.1	3	2.4	2.2	2.2	6.3	4.2	6.4	5.8	6.4
SW8260B	Trichloroethene	µg/L	140	99	67	66	49	55	33	32	1.8	24	12	10	16	7.1	3.8	11	7
SW8260B	Vinyl Chloride	µg/L	< 0.8	< 0.8	< 0.8	7.4	9.6	16	24	35	2.3	8.7	8.9	6.2	9.4	10	10	10	10
RSK-175	Ethane	µg/L	--	--	--	--	--	3.4	14	--	--	--	--	--	--	--	25	23	--
RSK-175	Ethene	µg/L	--	--	--	--	--	8.9	9.5	--	--	--	--	--	--	--	7.8	3.6	--
RSK-175	Methane	µg/L	--	--	--	--	--	940	1000	--	--	--	--	--	--	--	730	550	--
SW9060	TOC	mg/L	< 1.0	< 1.0	< 1.0	0.604 J	0.802 J	< 1.0	--	--	--	--	--	--	--	--	0.83 J	< 1	--

Method	Parameter Name	Units	CWM-183-MW16 3/15/22	CWM-183-MW16 9/20/22	CWM-183-MW16 3/20/23
SW8260B	1,1,2,2-Tetrachloroethane	µg/L	< 1	< 1 (UJ)	< 1
SW8260B	1,1,2-Trichloroethane	µg/L	< 1	< 1 (UJ)	< 1
SW8260B	1,1-Dichloroethene	µg/L	< 1 (UJ)	< 1 (UJ)	< 1
SW8260B	1,2-Dichloroethane	µg/L	< 1	0.39 J (J)	0.32 J
SW8260B	Chloroethane	µg/L	< 5	4.7 J (J)	< 5
SW8260B	Chloroform	µg/L	< 1	< 1 (UJ)	< 1
SW8260B	Chloromethane	µg/L	< 1	< 1 (UJ)	< 1 (UJ)
SW8260B	Cis-1,2-Dichloroethene	µg/L	4.5	6.6	4.5
SW8260B	Methylene Chloride	µg/L	< 5	< 5 (UJ)	< 5
SW8260B	Tetrachloroethene	µg/L	< 0.5	< 0.5 (UJ)	< 0.5
SW8260B	Trans-1,2-Dichloroethene	µg/L	4.8	5.2	5.3
SW8260B	Trichloroethene	µg/L	5.1	3.6	3.9
SW8260B	Vinyl Chloride	µg/L	15	7.7	7

Table E1: Groundwater Analytical Results,
Training Area T-6 and Cane Creek Training Area, McClellan, Anniston, Alabama

Method	Parameter Name	Units	CWM-183-MW17 12/10/14	CWM-183-MW17 2/27/15	CWM-183-MW17 5/29/15	CWM-183-MW17 9/1/15	CWM-183-MW17 12/7/15	CWM-183-MW17 3/1/16	CWM-183-MW17 9/27/16	CWM-183-MW17 3/16/17	CWM-183-MW17 9/12/17	CWM-183-MW17 3/13/18	CWM-183-MW17 9/18/18	CWM-183-MW17 3/13/19	CWM-183-MW17 9/23/19	CWM-183-MW17 3/18/20	CWM-183-MW17 9/22/20	CWM-183-MW17 3/22/21	CWM-183-MW17 9/16/21
SW8260B	1,1,2,2-Tetrachloroethane	µg/L	1.3	< 1.0	2.2	1.7	< 1.0	< 1.0	0.29 J	< 1.0	<1	<1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	1,1,2-Trichloroethane	µg/L	0.25 J	< 1.0	0.24 J	0.3 J	< 1.0	< 1.0	0.2 J	< 1.0	<1	<1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	1,1-Dichloroethene	µg/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	<1	<1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	1,2-Dichloroethane	µg/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	<1	<1	< 1	< 1	< 1	< 1	< 1	2.5 (UB)	< 1
SW8260B	Chloroethane	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2	< 2	< 2	< 5	< 5	< 5	< 5	< 5	< 5	< 5
SW8260B	Chloroform	µg/L	0.5 J	< 1.0	1.1	1.1	0.26 J	0.22 J	< 1.0	< 1.0	<1	<1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	Chloromethane	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	Cis-1,2-Dichloroethene	µg/L	18	20	9.2	22	17	11	16	4.2	2.6	1.9	0.72 J	0.73 J	0.53 J	0.86 J	0.49 J	1.8	3.2
SW8260B	Methylene Chloride	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2	< 2	< 2	< 5	< 5	< 5	< 5	< 5	< 5	< 5
SW8260B	Tetrachloroethene	µg/L	0.21 J	< 1.0	0.53 J	0.6 J	< 1.0	< 1.0	0.23 J	< 1.0	<1	<1	< 1	< 1	< 1	< 1 *	< 1	< 1	< 0.5
SW8260B	Trans-1,2-Dichloroethene	µg/L	0.36 J	0.27 J	0.36 J	0.49 J	0.31 J	0.26 J	0.44 J	< 1.0	<1	<1	< 1	< 1	< 1	< 1	< 1	0.52 J	0.84 J
SW8260B	Trichloroethene	µg/L	57	19	84	84	18	15	48	12	8	6.5	4.3	5.1	3.8	5.0	1.8	1.5	17
SW8260B	Vinyl Chloride	µg/L	2.5	0.88	3.6	9.1	7.7	4.8	12	5.2	1.8	0.47 J	< 1	11	2.4	2.9	10	10	4.4
RSK-175	Ethane	µg/L	--	--	--	--	--	< 1.5	4.1	< 1.5	--	--	--	--	--	--	--	--	--
RSK-175	Ethene	µg/L	--	--	--	--	--	< 1.5	3.8	< 1.5	--	--	--	--	--	--	--	--	--
RSK-175	Methane	µg/L	--	--	--	--	--	22	400	14	--	--	--	--	--	--	--	--	--
SW9060	TOC	mg/L	0.905 J	1.53	0.924 J	0.974 J	1.05	3.03	--	--	--	--	--	--	--	--	--	--	--

Method	Parameter Name	Units	CWM-183-MW17 3/15/22	CWM-183-MW17 9/21/22	CWM-183-MW17 3/14/23
SW8260B	1,1,2,2-Tetrachloroethane	µg/L	< 1	< 1	< 1
SW8260B	1,1,2-Trichloroethane	µg/L	< 1	< 1	< 1
SW8260B	1,1-Dichloroethene	µg/L	< 1	< 1	< 1
SW8260B	1,2-Dichloroethane	µg/L	< 1	< 1	< 1
SW8260B	Chloroethane	µg/L	< 5	< 5	< 5
SW8260B	Chloroform	µg/L	< 1	< 1	< 1
SW8260B	Chloromethane	µg/L	< 1	< 1	< 1 (UJ)
SW8260B	Cis-1,2-Dichloroethene	µg/L	< 1	6.7	0.43 J
SW8260B	Methylene Chloride	µg/L	< 5	< 5	< 5
SW8260B	Tetrachloroethene	µg/L	< 0.5	< 0.5	< 0.5
SW8260B	Trans-1,2-Dichloroethene	µg/L	< 1	1.6	< 1
SW8260B	Trichloroethene	µg/L	1.8	25	5.2
SW8260B	Vinyl Chloride	µg/L	< 1	2.8	0.73 J

Table E1: Groundwater Analytical Results,
Training Area T-6 and Cane Creek Training Area, McClellan, Anniston, Alabama

Method	Parameter Name	Units	CWM-183-MW19 12/9/14	CWM-183-MW19 2/27/15	CWM-183-MW19 5/28/15	CWM-183-MW19 8/25/19	CWM-183-MW19 12/3/15	CWM-183-MW19 2/29/16	CWM-183-MW19 9/28/16	CWM-183-MW19 3/16/17	CWM-183-MW19 9/15/17	CWM-183-MW19 3/13/18	CWM-183-MW19 9/17/18	CWM-183-MW19 3/12/19	CWM-183-MW19 9/25/19	CWM-183-MW19 3/17/20	CWM-183-MW19 9/22/20	CWM-183-MW19 3/22/21	CWM-183-MW19 9/15/21
SW8260B	1,1,2,2-Tetrachloroethane	µg/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	1,1,2-Trichloroethane	µg/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	1,1-Dichloroethene	µg/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	1,2-Dichloroethane	µg/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	1.7 (UB)	< 1
SW8260B	Chloroethane	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 5	< 5	< 5	< 5	< 5	< 5	< 5
SW8260B	Chloroform	µg/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	Chloromethane	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	Cis-1,2-Dichloroethene	µg/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	Methylene Chloride	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 5	< 5	< 5	< 5	< 5	< 5	< 5
SW8260B	Tetrachloroethene	µg/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 0.5
SW8260B	Trans-1,2-Dichloroethene	µg/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	Trichloroethene	µg/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	Vinyl Chloride	µg/L	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 1	< 1	< 1	< 1	< 1	< 1	< 1
RSK-175	Ethane	µg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RSK-175	Ethene	µg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RSK-175	Methane	µg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SW9060	TOC	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Method	Parameter Name	Units	CWM-183-MW19 3/14/22	CWM-183-MW19 9/20/22	CWM-183-MW19 3/14/23
SW8260B	1,1,2,2-Tetrachloroethane	µg/L	< 1	< 1	< 1
SW8260B	1,1,2-Trichloroethane	µg/L	< 1	< 1	< 1
SW8260B	1,1-Dichloroethene	µg/L	< 1	< 1	< 1
SW8260B	1,2-Dichloroethane	µg/L	< 1	< 1	< 1
SW8260B	Chloroethane	µg/L	< 5	< 5	< 5
SW8260B	Chloroform	µg/L	< 1	< 1	< 1
SW8260B	Chloromethane	µg/L	< 1	< 1	< 1
SW8260B	Cis-1,2-Dichloroethene	µg/L	< 1	< 1	< 1
SW8260B	Methylene Chloride	µg/L	< 5	< 5	< 5
SW8260B	Tetrachloroethene	µg/L	< 0.5	< 0.5	< 0.5
SW8260B	Trans-1,2-Dichloroethene	µg/L	< 1	< 1	< 1
SW8260B	Trichloroethene	µg/L	< 1	< 1	< 1
SW8260B	Vinyl Chloride	µg/L	< 1	< 1	< 1

Table E1: Groundwater Analytical Results,
Training Area T-6 and Cane Creek Training Area, McClellan, Anniston, Alabama

Method	Parameter Name	Units	CWM-183-MW20 12/11/14	CWM-183-MW20 2/26/15	CWM-183-MW20 6/2/15	CWM-183-MW20 8/25/15	CWM-183-MW20 12/2/15	CWM-183-MW20 3/7/16	CWM-183-MW20 9/27/16	CWM-183-MW20 3/16/17	CWM-183-MW20 9/14/17	CWM-183-MW20 3/14/18	CWM-183-MW20 9/17/18	CWM-183-MW20 3/13/19	CWM-183-MW20 9/25/19	CWM-183-MW20 3/18/20	CWM-183-MW20 9/23/20	CWM-183-MW20 3/23/21	CWM-183-MW20 9/17/21
SW8260B	1,1,2,2-Tetrachloroethane	µg/L	1.8	0.34 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	1,1,2-Trichloroethane	µg/L	0.87 J	1.3	0.66 J	0.44 J	< 1.0	0.39 J	< 1.0	< 1.0	< 1	0.21 J	< 1	0.49 J	< 1	0.37 J	< 1	0.40 J	< 1
SW8260B	1,1-Dichloroethene	µg/L	1.0	2.7	0.51 J	0.94 J	0.71 J	0.69 J	< 1.0	0.44 J	0.52 J	1.3	< 1	4.1	< 1	3.8	3.9	12	6.9
SW8260B	1,2-Dichloroethane	µg/L	< 1.0	< 1.0	< 1.0	0.31 J	0.34 J	0.26 J	< 1.0	< 1.0	< 1	0.24 J	< 1	< 1	< 1	< 1	< 1	1.4	< 1
SW8260B	Chloroethane	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2	< 2	< 2	< 5	5.2	< 5	2.7 J *	10	15	9.3
SW8260B	Chloroform	µg/L	0.77 J	1.4	0.32 J	< 1.0	< 1.0	0.21 J	< 1.0	< 1.0	< 1	< 1	< 1	0.56 J	< 1	< 1	< 1	0.54 J	< 1
SW8260B	Chloromethane	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	Cis-1,2-Dichloroethene	µg/L	14	1300	170	600	240	140	2	69	99	290	36	530	1.4	250 *	130	490	340
SW8260B	Methylene Chloride	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2	< 2	< 2	< 5	< 5	< 5	< 5	< 5	< 5	< 5
SW8260B	Tetrachloroethene	µg/L	2.3	0.22 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1	0.32 J	< 1	1.5	< 1	2.2	< 1	6.9	0.53
SW8260B	Trans-1,2-Dichloroethene	µg/L	0.76 J	3.9	1.2	3.6	4.0	1.9	0.68 J	4.1	3.3	2.7	< 1	4.1	0.90 J B	2.7	3.3	5.7	4.2
SW8260B	Trichloroethene	µg/L	370	12	0.29 J	< 1.0	4.8	1.3	0.59 J	7.8	0.88 J	33	< 1	150	0.90 J	120	9.3	670	33
SW8260B	Vinyl Chloride	µg/L	1.2	3.1	210	560	320	100	1.6	88	130	84	36	140	1.7	98	140	150	170
RSK-175	Ethane	µg/L	< 1.5	< 1.5	< 1.5	< 1.5	0.93 J	5.2	130	54	--	--	--	--	--	--	52	94	58
RSK-175	Ethene	µg/L	< 1.5	< 1.5	< 1.5	17	160	49	5.8	76	--	--	--	--	--	--	260	120	170
RSK-175	Methane	µg/L	0.86 J	6.8	1100	4700	6000	1200	9400	4700	--	--	--	--	--	--	2100	4300	2800
SW9060	TOC	mg/L	< 1.0	7.6	14.9	27.8	19.3	0.578 J	--	--	--	--	--	--	--	--	0.89 J	< 1	0.5

Method	Parameter Name	Units	CWM-183-MW20 3/15/22	CWM-183-MW20 9/20/22	CWM-183-MW20 3/15/23
SW8260B	1,1,2,2-Tetrachloroethane	µg/L	< 1	< 1	< 1
SW8260B	1,1,2-Trichloroethane	µg/L	< 1	< 1	0.42 J
SW8260B	1,1-Dichloroethene	µg/L	8.6	0.98 J	7.1
SW8260B	1,2-Dichloroethane	µg/L	< 1	< 1	< 1
SW8260B	Chloroethane	µg/L	4.9 J	< 5	< 5
SW8260B	Chloroform	µg/L	0.29 J	< 1	< 1
SW8260B	Chloromethane	µg/L	< 1	< 1	< 1
SW8260B	Cis-1,2-Dichloroethene	µg/L	290	43	170
SW8260B	Methylene Chloride	µg/L	< 5	< 5	< 5
SW8260B	Tetrachloroethene	µg/L	3	< 0.5	6.1
SW8260B	Trans-1,2-Dichloroethene	µg/L	4.2	0.59 J	5.5
SW8260B	Trichloroethene	µg/L	300	2.9	490
SW8260B	Vinyl Chloride	µg/L	130	29	66
RSK-175	Ethane	µg/L	42	9.3	27
RSK-175	Ethene	µg/L	61	47	37
RSK-175	Methane	µg/L	1900	560	1400
SW9060	TOC	mg/L	--	--	< 1

Table E1: Groundwater Analytical Results,
Training Area T-6 and Cane Creek Training Area, McClellan, Anniston, Alabama

Method	Parameter Name	Units	CWM-183-MW21 12/9/14	CWM-183-MW21 2/26/15	CWM-183-MW21 6/3/15	CWM-183-MW21 8/27/15	CWM-183-MW21 12/2/15	CWM-183-MW21 3/4/16	CWM-183-MW21 9/28/16	CWM-183-MW21 3/15/17	CWM-183-MW21 9/15/17	CWM-183-MW21 3/14/18	CWM-183-MW21 9/20/18	CWM-183-MW21 3/18/19	CWM-183-MW21 10/2/19	CWM-183-MW21 3/18/20	CWM-183-MW21 9/22/20	CWM-183-MW21 3/23/21	CWM-183-MW21 9/18/21
SW8260B	1,1,2,2-Tetrachloroethane	µg/L	0.99 J	0.77 J	0.49 J	< 1.0	< 1.0	0.21 J	< 1.0	< 1.0	< 1	< 1	0.7 J	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	1,1,2-Trichloroethane	µg/L	0.88 J	0.72 J	0.4 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	1,1-Dichloroethene	µg/L	0.47 J	0.69 J	0.55 J	0.25 J	0.24 J	0.22 J	< 1.0	< 1.0	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	1,2-Dichloroethane	µg/L	< 1.0	< 1.0	0.24 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1	< 1	< 1	< 1	< 1	< 1	< 1	2.5 (UB)	< 1
SW8260B	Chloroethane	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2	0.36 J	< 2	< 5	< 5	< 5	< 5	< 5	< 5	< 5
SW8260B	Chloroform	µg/L	0.28 J	0.23 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	Chloromethane	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	Cis-1,2-Dichloroethene	µg/L	22	180	180	55	37	29	0.7 J	8.7	2.6	7.2	1.5	3.4	4.5	4.0	0.82 J	4.2	1.9
SW8260B	Methylene Chloride	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2	< 2	< 2	< 5	< 5	< 5	< 5	< 5	< 5	< 5
SW8260B	Tetrachloroethene	µg/L	1.5	0.59 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 0.5
SW8260B	Trans-1,2-Dichloroethene	µg/L	1.6	2.2	2.3	1.7	1.9	2.3	1.2	1.6	1.5	1	1.6	1.0	1.4	0.69 J	< 1	0.68 J	0.37 J
SW8260B	Trichloroethene	µg/L	180	46	3.0	3.0	12	3.7	1.4	11	0.99 J	2.8	1.1	2.2	2.9	12	0.81 J	9.9	1.5
SW8260B	Vinyl Chloride	µg/L	0.35 J	0.34 J	13	28	15	23	1.3	5.9	4.4	10	4.0	3.4	4.4	6.1	1.3	4	2.8
RSK-175	Ethane	µg/L	< 1.5	< 1.5	< 1.5	< 1.5	1.8	< 1.5	12	5.3	--	--	--	--	--	--	--	--	--
RSK-175	Ethene	µg/L	< 1.5	< 1.5	1.0 J	17	21	10	7.4	2.8	--	--	--	--	--	--	--	--	--
RSK-175	Methane	µg/L	24	32	3000	5900	6800	3900	4700	7500	--	--	--	--	--	--	--	--	--
SW9060	TOC	mg/L	0.765 J	6.64	18.4	30.2	9.01	1.79	--	--	--	--	--	--	--	--	--	--	--

Method	Parameter Name	Units	CWM-183-MW21 3/14/22	CWM-183-MW21 9/20/22	CWM-183-MW21 3/14/23
SW8260B	1,1,2,2-Tetrachloroethane	µg/L	< 1	< 1	< 1
SW8260B	1,1,2-Trichloroethane	µg/L	< 1	< 1	< 1
SW8260B	1,1-Dichloroethene	µg/L	< 1	< 1	< 1
SW8260B	1,2-Dichloroethane	µg/L	< 1	< 1	< 1
SW8260B	Chloroethane	µg/L	< 5	< 5	< 5
SW8260B	Chloroform	µg/L	< 1	< 1	< 1
SW8260B	Chloromethane	µg/L	< 1	< 1	< 1
SW8260B	Cis-1,2-Dichloroethene	µg/L	5.3	0.73 J	6.3
SW8260B	Methylene Chloride	µg/L	< 5	< 5	< 5
SW8260B	Tetrachloroethene	µg/L	< 0.5	< 0.5	< 0.5
SW8260B	Trans-1,2-Dichloroethene	µg/L	0.57 J	< 1	0.97 J
SW8260B	Trichloroethene	µg/L	5.3	1.1	6.9
SW8260B	Vinyl Chloride	µg/L	10	1.3	6.6

Table E1: Groundwater Analytical Results,
Training Area T-6 and Cane Creek Training Area, McClellan, Anniston, Alabama

Method	Parameter Name	Units	CWM-183-MW22 12/9/14	CWM-183-MW22 2/26/15	CWM-183-MW22 6/3/15	CWM-183-MW22 8/27/15	CWM-183-MW22 12/2/15	CWM-183-MW22 3/4/16	CWM-183-MW22 9/26/16	CWM-183-MW22 3/15/17	CWM-183-MW22 9/15/17	CWM-183-MW22 3/14/18	CWM-183-MW22 9/20/18	CWM-183-MW22 3/18/19	CWM-183-MW22 10/2/19	CWM-183-MW22 3/18/20	CWM-183-MW22 9/22/20	CWM-183-MW22 3/23/21	CWM-183-MW22 9/17/21
SW8260B	1,1,2,2-Tetrachloroethane	µg/L	0.25 J	0.49 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	1,1,2-Trichloroethane	µg/L	0.2 J	0.24 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	1,1-Dichloroethene	µg/L	0.4 J	0.69 J	0.66 J	0.25 J	0.42 J	0.30 J	0.24 J	0.35 J	0.26 J	< 1	< 1	< 1	0.64 J (B)	< 1	< 1	< 1	< 1
SW8260B	1,2-Dichloroethane	µg/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1	< 1	< 1	< 1	< 1	< 1	< 1	1.6 (UB)	< 1
SW8260B	Chloroethane	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2	< 2	< 2	< 5	< 5	< 5	< 5	< 5	< 5	< 5
SW8260B	Chloroform	µg/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	Chloromethane	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2	< 2	< 2	< 1	< 1	< 1 *	< 1	< 1	< 1	< 1
SW8260B	Cis-1,2-Dichloroethene	µg/L	16	130	140	47	51	44	35	40	24	20	14	14	96	11	3.8	13	6.3
SW8260B	Methylene Chloride	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2	< 2	< 2	< 5	< 5	< 5	< 5	< 5	< 5	< 5
SW8260B	Tetrachloroethene	µg/L	0.67 J	< 1.0	< 1.0	< 1.0	0.23 J	0.20 J	< 1.0	0.27 J	0.5 J	0.3 J	< 1	< 1	< 1	< 1	< 1	< 1	< 0.5
SW8260B	Trans-1,2-Dichloroethene	µg/L	1.5	1.5	2.5	2.7	2.4	1.4	1.3	1.9	1.6	0.97 J	1.5	0.63 J	3.1	0.58 J	0.98 J	0.87 J	0.79 J
SW8260B	Trichloroethene	µg/L	130	17	3.9	6.0	29	26	27	26	35	23	32	19	19	9.5	1.4	12	2.3
SW8260B	Vinyl Chloride	µg/L	0.26 J	0.39 J	1.1	12	7.4	3.9	2.9	14	6.1	4	4.6	1.4	39	5.9	5.3	8.2	7
RSK-175	Ethane	µg/L	< 1.5	< 1.5	< 1.5	< 1.5	3.9	< 1.5	4.3	2.4	--	--	--	--	--	--	--	--	--
RSK-175	Ethene	µg/L	< 1.5	< 1.5	< 1.5	23	9.6	2	2.9	1.5 J	--	--	--	--	--	--	--	--	--
RSK-175	Methane	µg/L	28	68	2200	3400	6200	1700	6700	2300	--	--	--	--	--	--	--	--	--
SW9060	TOC	mg/L	0.806 J	4.5	14.4	5.65	2.23	0.984 J	--	--	--	--	--	--	--	--	--	--	--

Method	Parameter Name	Units	CWM-183-MW22 3/15/22	CWM-183-MW22 9/20/22	CWM-183-MW22 3/14/23
SW8260B	1,1,2,2-Tetrachloroethane	µg/L	< 1	< 1	< 1
SW8260B	1,1,2-Trichloroethane	µg/L	< 1	< 1	< 1
SW8260B	1,1-Dichloroethene	µg/L	< 1	< 1	< 1
SW8260B	1,2-Dichloroethane	µg/L	< 1	< 1	< 1
SW8260B	Chloroethane	µg/L	< 5	< 5	< 5
SW8260B	Chloroform	µg/L	< 1	< 1	< 1
SW8260B	Chloromethane	µg/L	< 1	< 1	< 1
SW8260B	Cis-1,2-Dichloroethene	µg/L	16	6.2	22
SW8260B	Methylene Chloride	µg/L	< 5	< 5	< 5
SW8260B	Tetrachloroethene	µg/L	< 0.5	< 0.5	< 0.5
SW8260B	Trans-1,2-Dichloroethene	µg/L	< 1	0.72 J	0.85 J
SW8260B	Trichloroethene	µg/L	12	0.99 J	17
SW8260B	Vinyl Chloride	µg/L	9.9	8.8	5.2

Table E1: Groundwater Analytical Results,
Training Area T-6 and Cane Creek Training Area, McClellan, Anniston, Alabama

Method	Parameter Name	Units	CWM-183-MW23 12/16/14	CWM-183-MW23 3/3/15	CWM-183-MW23 6/4/15	CWM-183-MW23 9/1/15	CWM-183-MW23 12/9/15	CWM-183-MW23 3/8/16	CWM-183-MW23 9/28/16	CWM-183-MW23 3/21/17	CWM-183-MW23 9/18/17	CWM-183-MW23 3/15/18	CWM-183-MW23 6/12/18	CWM-183-MW23 9/20/18	CWM-183-MW23 3/18/19	CWM-183-MW23 9/26/19	CWM-183-MW23 3/19/20	CWM-183-MW23 9/24/20	CWM-183-MW23 3/23/21
SW8260B	1,1,2,2-Tetrachloroethane	µg/L	18000	560	79000	40000	3300	62,000	4,200	2700	25000	21,000	44,000	26000	30000	< 500	< 500	3	36
SW8260B	1,1,2-Trichloroethane	µg/L	12	0.27 J	55	22	1.3	34	20	1.5	120	120	180 J	< 500	< 500	< 500	< 500	< 1	1.8
SW8260B	1,1-Dichloroethene	µg/L	< 1.0	< 1.0	0.22 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	2.5 J	3.9	< 250	< 500	< 500	< 500	< 500	2.3	1.9
SW8260B	1,2-Dichloroethane	µg/L	< 1.0	< 1.0	0.39 J	< 1.0	< 1.0	0.26 J	< 1.0	< 1.0	< 5	0.33 J	< 250	< 500	< 500	< 500	< 500	0.65 J	1.1
SW8260B	Chloroethane	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2	< 10	< 2	< 1300	< 2500	< 2500	< 2500	< 2500	< 5	< 5
SW8260B	Chloroform	µg/L	20	0.4 J	62	32	2.2	43	23	1.8	42	28	< 250	< 500	< 500	< 500	< 500	2.7	3.6
SW8260B	Chloromethane	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2	< 10	< 2	< 250	< 500	< 500	< 500	< 500	< 1	5.4
SW8260B	Cis-1,2-Dichloroethene	µg/L	48	1.2	190	77	6.8	130	62	20	160	170	3800	5600	5300	10000 B	7600	1000	2000
SW8260B	Methylene Chloride	µg/L	< 2.0	< 2.0	2 U^ (UB)	2 U^ (UB)	< 2.0	< 2.0	0.55 J	< 2	2.8 J	0.83 J	< 1300	< 2500	< 2500	< 2500	< 2500	< 5	< 5
SW8260B	Tetrachloroethene	µg/L	64	8.5	130	65	19	73	65	8.5	6.2	32	< 250	< 500	< 500	780 B	< 500	< 1	< 1
SW8260B	Trans-1,2-Dichloroethene	µg/L	1.9	< 1.0	6.8	2.6	0.51 J	2.7	4.1	2.2	17	28	< 250	< 500	< 500	440 J	510	160	160
SW8260B	Trichloroethene	µg/L	3100	130	7000	3800	780	5,200	420	420	1900	3200	3100	1500	660	< 500	< 500	2.4	3.1
SW8260B	Vinyl Chloride	µg/L	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	15	11	< 250	< 500	< 500	680	1900	290	710
RSK-175	Ethane	µg/L	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	0.9 J	0.76 J	4	2.9	2.9	3.6	3.9 J	< 1.1	< 1.1
RSK-175	Ethene	µg/L	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	3.5	2.9	35	30	36	270	610	1100	1500
RSK-175	Methane	µg/L	1.1 J	3.6	0.46 J	0.57 J	41	0.54 J	4	81	4.9	43	7700	4800	8600	6600	11000	14000	21000
SM4500	Ammonia	mg/L	--	--	--	--	--	--	--	--	--	--	< 0.25	--	--	--	--	--	--
SW9056	Nitrate-N	mg/L	--	--	--	--	--	--	--	--	--	--	< 0.05	--	--	--	--	--	--
SW9056	Sulfate	mg/L	--	--	--	--	--	--	--	--	--	--	0.69 J	--	--	--	--	--	--
SW9060	TOC	mg/L	0.805 J	0.808 J	2.5	1.5	1.02	1.65	--	--	329	2.28	94	86	46	47	61	130 B	86

Method	Parameter Name	Units	CWM-183-MW23 9/20/21	CWM-183-MW23 3/16/22	CWM-183-MW23 9/21/22	CWM-183-MW23 3/20/23
SW8260B	1,1,2,2-Tetrachloroethane	µg/L	50	58	9.5	33
SW8260B	1,1,2-Trichloroethane	µg/L	0.54 J	1.3 J	< 1	< 20
SW8260B	1,1-Dichloroethene	µg/L	1.7	< 2	< 1	< 20
SW8260B	1,2-Dichloroethane	µg/L	0.57 J	1.1 J	0.57 J	< 20
SW8260B	Chloroethane	µg/L	< 5	< 10	< 5	< 100
SW8260B	Chloroform	µg/L	1.9	2.8	1.2	< 20
SW8260B	Chloromethane	µg/L	<1	< 2	< 1	< 20 (UJ)
SW8260B	Cis-1,2-Dichloroethene	µg/L	930	930	170	440
SW8260B	Methylene Chloride	µg/L	<5	< 10	< 5	< 100
SW8260B	Tetrachloroethene	µg/L	< 0.5	< 1	< 0.5	< 10
SW8260B	Trans-1,2-Dichloroethene	µg/L	44	45	15	72
SW8260B	Trichloroethene	µg/L	7	3.8	1.5	4.9 J
SW8260B	Vinyl Chloride	µg/L	340	530	88	160
RSK-175	Ethane	µg/L	17	< 1.1	17	< 1.1
RSK-175	Ethene	µg/L	1100	1800	1400	2100
RSK-175	Methane	µg/L	23000	22000	21000	24000
SW9060	TOC	mg/L	140	--	--	49

Table E1: Groundwater Analytical Results,
Training Area T-6 and Cane Creek Training Area, McClellan, Anniston, Alabama

Method	Parameter Name	Units	CWM-183-MW25 12/9/14	CWM-183-MW25 2/26/15	CWM-183-MW25 5/28/15	CWM-183-MW25 8/25/15	CWM-183-MW25 12/2/15	CWM-183-MW25 2/29/16	CWM-183-MW25 9/22/16	CWM-183-MW25 3/15/17	CWM-183-MW25 9/15/17	CWM-183-MW25 3/13/18	CWM-183-MW25 9/17/18	CWM-183-MW25 3/13/18	CWM-183-MW25 9/25/19	CWM-183-MW25 3/17/20	CWM-183-MW25 9/23/20	CWM-183-MW25 3/22/21	CWM-183-MW25 9/16/21
SW8260B	1,1,2,2-Tetrachloroethane	µg/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1	< 1	< 1	< 1	< 1	< 1	< 1	1	< 1
SW8260B	1,1,2-Trichloroethane	µg/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	1,1-Dichloroethene	µg/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1	< 1	< 1	< 1	< 1	< 1 *	< 1	< 1	< 1
SW8260B	1,2-Dichloroethane	µg/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1	< 1	< 1	< 1	< 1	< 1	< 1	2.4 (UB)	< 1
SW8260B	Chloroethane	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2	< 2	< 2	< 2	< 2	< 5	< 5	< 5	< 5	< 5
SW8260B	Chloroform	µg/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	Chloromethane	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1
SW8260B	Cis-1,2-Dichloroethene	µg/L	< 1.0	0.45 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1	< 1	< 1	< 1	< 1	< 1 *	< 1	< 1	< 1
SW8260B	Methylene Chloride	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	0.91 J (UB)	< 2	< 2	< 2	< 2	< 2	< 5	< 5	< 5	< 5	< 5
SW8260B	Tetrachloroethene	µg/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 0.5
SW8260B	Trans-1,2-Dichloroethene	µg/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	Trichloroethene	µg/L	0.36 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.21 J	0.77 J	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	Vinyl Chloride	µg/L	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW9060	TOC	mg/L	3.36	1.87	3.7	2.35	5.77	2.37	--	--	329	2.28	--	--	--	--	--	--	--

Method	Parameter Name	Units	CWM-183-MW25 3/14/22	CWM-183-MW25 9/20/22	CWM-183-MW25 3/14/23
SW8260B	1,1,2,2-Tetrachloroethane	µg/L	< 1	< 1	< 1
SW8260B	1,1,2-Trichloroethane	µg/L	< 1	< 1	< 1
SW8260B	1,1-Dichloroethene	µg/L	< 1	< 1	< 1
SW8260B	1,2-Dichloroethane	µg/L	< 1	< 1	< 1
SW8260B	Chloroethane	µg/L	< 5	< 5	< 5
SW8260B	Chloroform	µg/L	< 1	< 1	< 1
SW8260B	Chloromethane	µg/L	< 1	< 1	< 1
SW8260B	Cis-1,2-Dichloroethene	µg/L	< 1	< 1	< 1
SW8260B	Methylene Chloride	µg/L	< 5	< 5	< 5
SW8260B	Tetrachloroethene	µg/L	< 0.5	< 0.5	< 0.5
SW8260B	Trans-1,2-Dichloroethene	µg/L	< 1	< 1	< 1
SW8260B	Trichloroethene	µg/L	< 1	< 1	< 1
SW8260B	Vinyl Chloride	µg/L	< 1	< 1	< 1

Table E1: Groundwater Analytical Results,
Training Area T-6 and Cane Creek Training Area, McClellan, Anniston, Alabama

Method	Parameter Name	Units	CWM-183-MW28 12/10/14	CWM-183-MW28 2/27/15	CWM-183-MW28 6/3/15	CWM-183-MW28 8/25/15	CWM-183-MW28 12/2/15	CWM-183-MW28 3/4/16	CWM-183-MW28 9/22/16	CWM-183-MW28 3/17/17	CWM-183-MW28 9/15/17	CWM-183-MW28 3/14/18	CWM-183-MW28 9/19/18	CWM-183-MW28 3/12/19	CWM-183-MW28 9/24/19	CWM-183-MW28 3/17/20	CWM-183-MW28 9/22/20	CWM-183-MW28 3/22/21	CWM-183-MW28 9/15/21
SW8260B	1,1,2,2-Tetrachloroethane	µg/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	1,1,2-Trichloroethane	µg/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	1,1-Dichloroethene	µg/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	1,2-Dichloroethane	µg/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1	< 1	< 1	< 1	< 1	< 1	< 1	2.4 (UB)	< 1
SW8260B	Chloroethane	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2	< 2	< 2	< 5	< 5	< 5	< 5	< 5	5.9	< 5
SW8260B	Chloroform	µg/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	Chloromethane	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	0.42 J	< 2.0	< 2.0	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	Cis-1,2-Dichloroethene	µg/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	Methylene Chloride	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	0.81 J (UB)	< 2	< 2	< 2	< 5	< 5	< 5	< 5	< 5	< 5	< 5
SW8260B	Tetrachloroethene	µg/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 0.5
SW8260B	Trans-1,2-Dichloroethene	µg/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	Trichloroethene	µg/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.36 J	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	Vinyl Chloride	µg/L	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 1	< 1	< 1	< 1	< 1	< 1	< 1
RSK-175	Ethane	µg/L	0.69 J	< 1.5	< 1.5	< 1.5	0.81 J	< 1.5	< 1.5	< 1.5	--	--	--	--	--	--	--	--	--
RSK-175	Ethene	µg/L	3.3	3.1	2.1	2.2	2.5	2.2	2.5	2.5	--	--	--	--	--	--	--	--	--
RSK-175	Methane	µg/L	580	470	230	400	370	340	230	390	--	--	--	--	--	--	--	--	--
SW9060	TOC	mg/L	2.41	2.49	2.49	2.32	2.24	1.76	--	--	--	--	--	--	--	--	--	--	--

Method	Parameter Name	Units	CWM-183-MW28 3/14/22	CWM-183-MW28 9/20/22	CWM-183-MW28 3/13/23
SW8260B	1,1,2,2-Tetrachloroethane	µg/L	< 1	< 1	< 1
SW8260B	1,1,2-Trichloroethane	µg/L	< 1	< 1	< 1
SW8260B	1,1-Dichloroethene	µg/L	< 1	< 1	< 1
SW8260B	1,2-Dichloroethane	µg/L	< 1	< 1	< 1
SW8260B	Chloroethane	µg/L	< 5	< 5	< 5
SW8260B	Chloroform	µg/L	< 1	< 1	< 1
SW8260B	Chloromethane	µg/L	< 1	< 1	< 1
SW8260B	Cis-1,2-Dichloroethene	µg/L	< 1	< 1	< 1
SW8260B	Methylene Chloride	µg/L	< 5	< 5	< 5
SW8260B	Tetrachloroethene	µg/L	< 0.5	< 0.5	< 0.5
SW8260B	Trans-1,2-Dichloroethene	µg/L	< 1	< 1	< 1
SW8260B	Trichloroethene	µg/L	< 1	< 1	< 1
SW8260B	Vinyl Chloride	µg/L	< 1	< 1	< 1

Table E1: Groundwater Analytical Results,
Training Area T-6 and Cane Creek Training Area, McClellan, Anniston, Alabama

Method	Parameter Name	Units	CWM-183-MW29 12/10/14	CWM-183-MW29 2/27/15	CWM-183-MW29 6/2/15	CWM-183-MW29 8/25/15	CWM-183-MW29 12/7/15	CWM-183-MW29 2/29/16
SW9060	TOC	mg/L	1.01	1.04	1.87	1.38	1.3	1.49

Method	Parameter Name	Units	CWM-183-MW31 9/20/19	CWM-183-MW31 3/12/19	CWM-183-MW31 9/24/19	CWM-183-MW31 3/17/20	CWM-183-MW31 9/22/20	CWM-183-MW31 3/22/21
SW8260B	1,1,2,2-Tetrachloroethane	µg/L	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	1,1,2-Trichloroethane	µg/L	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	1,1-Dichloroethene	µg/L	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	1,2-Dichloroethane	µg/L	< 1	< 1	< 1	< 1	< 1	2.3 (UB)
SW8260B	Chloroethane	µg/L	< 5	< 5	< 5	< 5	< 5	< 5
SW8260B	Chloroform	µg/L	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	Chloromethane	µg/L	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	Cis-1,2-Dichloroethene	µg/L	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	Methylene Chloride	µg/L	< 5	< 5	< 5	< 5	< 5	< 5
SW8260B	Tetrachloroethene	µg/L	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	Trans-1,2-Dichloroethene	µg/L	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	Trichloroethene	µg/L	< 1	< 1	< 1	< 1	< 1	< 1
SW8260B	Vinyl Chloride	µg/L	< 1	< 1	< 1	< 1	< 1	0.68 J
RSK-175	Ethane	µg/L	--	--	--	--	--	--
RSK-175	Ethene	µg/L	--	--	--	--	--	--
RSK-175	Methane	µg/L	--	--	--	--	--	--
SW9060	TOC	mg/L	--	--	--	--	--	--

Method	Parameter Name	Units	CWM-183-MW31 9/15/21	CWM-183-MW31 3/14/22	CWM-183-MW31 9/20/22	CWM-183-MW31 3/13/23
SW8260B	1,1,2,2-Tetrachloroethane	µg/L	< 1	< 1	< 1	< 1
SW8260B	1,1,2-Trichloroethane	µg/L	< 1	< 1	< 1	< 1
SW8260B	1,1-Dichloroethene	µg/L	< 1	< 1	< 1	< 1
SW8260B	1,2-Dichloroethane	µg/L	< 1	< 1	< 1	< 1
SW8260B	Chloroethane	µg/L	< 5	< 5	< 5	< 5
SW8260B	Chloroform	µg/L	< 1	< 1	< 1	< 1
SW8260B	Chloromethane	µg/L	< 1	< 1	< 1	< 1
SW8260B	Cis-1,2-Dichloroethene	µg/L	< 1	< 1	< 1	< 1
SW8260B	Methylene Chloride	µg/L	< 5	< 5	< 5	< 5
SW8260B	Tetrachloroethene	µg/L	< 0.5	< 0.5	< 0.5	< 0.5
SW8260B	Trans-1,2-Dichloroethene	µg/L	< 1	< 1	< 1	< 1
SW8260B	Trichloroethene	µg/L	< 1	< 1	< 1	< 1
SW8260B	Vinyl Chloride	µg/L	< 1	< 1	< 1	< 1

Table E1: Groundwater Analytical Results,
Training Area T-6 and Cane Creek Training Area, McClellan, Anniston, Alabama

Method	Parameter Name	Units	CWM-183-MW32 12/15/14	CWM-183-MW32 3/2/15	CWM-183-MW32 6/1/15	CWM-183-MW32 8/31/15	CWM-183-MW32 12/3/15	CWM-183-MW32 3/7/16
SW8260B	1,1,2,2-Tetrachloroethane	µg/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	1,1,2-Trichloroethane	µg/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	1,1-Dichloroethene	µg/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	1,2-Dichloroethane	µg/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	Chloroethane	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
SW8260B	Chloroform	µg/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	Chloromethane	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
SW8260B	Cis-1,2-Dichloroethene	µg/L	< 1.0	< 1.0	0.25 J	1.3	5.2	8.8
SW8260B	Methylene Chloride	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
SW8260B	Tetrachloroethene	µg/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	Trans-1,2-Dichloroethene	µg/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	Trichloroethene	µg/L	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	Vinyl Chloride	µg/L	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	1.4
RSK-175	Ethane	µg/L	3.9	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
RSK-175	Ethene	µg/L	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
RSK-175	Methane	µg/L	180	48	850	5500	10000	2300
SW9056	Bromide	mg/L	< 0.5	80.6	1.41	0.69	0.69	0.274 J
SW9056	Chloride-Cl	mg/L	3.59	2.72	2.96	3.65	3.52	4.49
SW9056	Nitrate-N	mg/L	< 0.1	0.068 J	< 0.1	< 0.1	< 0.1	< 0.1
SW9056	Sulfate	mg/L	8.61	0.862	0.403 J	0.608	0.478 J	0.312 J
SW9060	TOC	mg/L	< 1.0	255	16.1	47.6	61.6	1.19

Method	Parameter Name	Units	CWM-183-MW33 12/12/14	CWM-183-MW33 2/24/15	CWM-183-MW33 6/1/15	CWM-183-MW33 8/26/15	CWM-183-MW33 12/9/15	CWM-183-MW33 3/2/16
SW8260B	1,1,2,2-Tetrachloroethane	µg/L	0.67 J	1.1	0.68 J	< 1.0	< 1.0	< 1.0
SW8260B	1,1,2-Trichloroethane	µg/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	1,1-Dichloroethene	µg/L	< 1.0	< 1.0	< 1.0	0.21 J	< 1.0	< 1.0
SW8260B	1,2-Dichloroethane	µg/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	Chloroethane	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
SW8260B	Chloroform	µg/L	0.21 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	Chloromethane	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
SW8260B	Cis-1,2-Dichloroethene	µg/L	1.5	4.3	4.4	29	7.5	2.1
SW8260B	Methylene Chloride	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
SW8260B	Tetrachloroethene	µg/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	Trans-1,2-Dichloroethene	µg/L	0.44 J	0.63 J	0.78 J	6.5	1.8	0.57 J
SW8260B	Trichloroethene	µg/L	4.1	3.5	4.2	6.6	2.0	0.80 J
SW8260B	Vinyl Chloride	µg/L	0.96	1.0	1.2	4.1	2.5	1.1
RSK-175	Ethane	µg/L	3.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
RSK-175	Ethene	µg/L	< 1.5	< 1.5	< 1.5	0.63 J	< 1.5	< 1.5
RSK-175	Methane	µg/L	290	500	95	580	780	580
SW9056	Bromide	mg/L	< 0.5	0.47 J	< 0.5	0.473 J	< 0.5	< 0.5
SW9056	Chloride-Cl	mg/L	3.93	4.41	3.93	4.79	3.77	3.63
SW9056	Nitrate-N	mg/L	0.0611 J	< 0.1	0.0513 J	0.0553 J	< 0.1	0.13
SW9056	Sulfate	mg/L	17.4	13.2	16.6	16.4	9.43	8.64
SW9060	TOC	mg/L	2.39	5.07	2.67	2.8	2.22	2.03

Table E1: Groundwater Analytical Results,
Training Area T-6 and Cane Creek Training Area, McClellan, Anniston, Alabama

Method	Parameter Name	Units	CWM-183-MW34 12/15/14	CWM-183-MW34 3/2/15	CWM-183-MW34 6/1/15	CWM-183-MW34 8/31/15	CWM-183-MW34 12/3/15	CWM-183-MW34 3/7/16
SW8260B	1,1,2,2-Tetrachloroethane	µg/L	3.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	1,1,2-Trichloroethane	µg/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	1,1-Dichloroethene	µg/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	1,2-Dichloroethane	µg/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	Chloroethane	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
SW8260B	Chloroform	µg/L	0.49 J	0.24 J	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	Chloromethane	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
SW8260B	Cis-1,2-Dichloroethene	µg/L	0.51 J	0.25 J	2.3	1.3	2.2	1.8
SW8260B	Methylene Chloride	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
SW8260B	Tetrachloroethene	µg/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	Trans-1,2-Dichloroethene	µg/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	Trichloroethene	µg/L	26	7.6	2.7	0.54 J	0.22 J	< 1.0
SW8260B	Vinyl Chloride	µg/L	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
RSK-175	Ethane	µg/L	7.9	7.5	2.6	2.2	5.3	4.1
RSK-175	Ethene	µg/L	< 1.5	3.2	2.2	1.9	< 1.5	< 1.5
RSK-175	Methane	µg/L	710	560	560	6900	11000	13000
SW9056	Bromide	mg/L	< 1.0	1.75	5.08	3.97	3.92	3.46
SW9056	Chloride-Cl	mg/L	4.13	4.32	4.06	4.17	4.17	4.97
SW9056	Nitrate-N	mg/L	< 0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
SW9056	Sulfate	mg/L	13.8	9.91	6.15	2.8	0.46 J	0.287 J
SW9060	TOC	mg/L	1.01	5.12 (JQ)	12.4	13.5	2.07	0.864 J

Method	Parameter Name	Units	CWM-183-MW35 12/12/14	CWM-183-MW35 2/24/15	CWM-183-MW35 6/1/15	CWM-183-MW35 8/26/15	CWM-183-MW35 12/1/15	CWM-183-MW35 3/2/16	CWM-183-MW35 9/26/16	CWM-183-MW35 3/15/17
SW8260B	1,1,2,2-Tetrachloroethane	µg/L	1.5	5.8	7.1	1.3	3.4	5.6	< 1.0	5.4
SW8260B	1,1,2-Trichloroethane	µg/L	< 1.0	0.38 J	0.38 J	< 1.0	< 1.0	0.25 J	< 1.0	0.44 J
SW8260B	1,1-Dichloroethene	µg/L	< 1.0	0.23 J	0.37 J	0.63 J	1 U^ (UB)	0.24 J	0.72 J	0.59 J
SW8260B	1,2-Dichloroethane	µg/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.22 J	0.26 J
SW8260B	Chloroethane	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2
SW8260B	Chloroform	µg/L	0.31 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	Chloromethane	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2
SW8260B	Cis-1,2-Dichloroethene	µg/L	5.7	13	21	61 (JM)	32	13	89	43
SW8260B	Methylene Chloride	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2
SW8260B	Tetrachloroethene	µg/L	< 1.0	1.2	1.0	< 1.0	0.27 J	0.66 J	< 1.0	0.52 J
SW8260B	Trans-1,2-Dichloroethene	µg/L	1.1	2.4	3.8	5.7	3.8	2.5	6.2	5.4
SW8260B	Trichloroethene	µg/L	10	55	65	26	31	37 (JM)	6.7	72
SW8260B	Vinyl Chloride	µg/L	1.8	2.9	4.2	5.6	12	6.0	13.0	9
RSK-175	Ethane	µg/L	17	1.7	6.0	2.0	7.2	1.2 J	1.3 J	1.3 J
RSK-175	Ethene	µg/L	0.97 J	< 1.5	0.9 J	1.2 J	1.3 J	< 1.5	0.91 J	< 1.5
RSK-175	Methane	µg/L	380	400	320	420	520	340	1600	170
SW9056	Bromide	mg/L	< 0.5	0.356 J	0.281 J	1.48	0.359 J	< 0.5	--	--
SW9056	Chloride-Cl	mg/L	7.09	4.18	5.9	6.01	5.38	4.76	--	--
SW9056	Nitrate-N	mg/L	0.063 J	< 0.1	0.0501 J	0.0527 J	0.103	< 0.1	--	--
SW9056	Sulfate	mg/L	33.6	11.9	12.8	17.5	14.6	12.1	--	--
SW9060	TOC	mg/L	2.78	5.43	2.74	2.51	2.97	2.71	--	--

Table E1: Groundwater Analytical Results,
Training Area T-6 and Cane Creek Training Area, McClellan, Anniston, Alabama

Method	Parameter Name	Units	T6-AS-5 12/15/14	T6-AS-5 3/2/15	T6-AS-5 6/3/15	T6-AS-5 8/31/15	T6-AS-5 12/8/15	T6-AS-5 3/7/16
SW8260B	1,1,2,2-Tetrachloroethane	µg/L	230	6.0	0.49 J	< 1.0	< 1.0	< 1.0
SW8260B	1,1,2-Trichloroethane	µg/L	6.2	2.2	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	1,1-Dichloroethene	µg/L	1.3	2.2	0.27 J	< 1.0	< 1.0	< 1.0
SW8260B	1,2-Dichloroethane	µg/L	< 1.0	0.39 J	< 1.0	0.21 J	0.46 J	0.23 J
SW8260B	Chloroethane	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
SW8260B	Chloroform	µg/L	11	5.5	0.3 J	< 1.0	< 1.0	< 1.0
SW8260B	Chloromethane	µg/L	< 2.0	0.61 J	< 2.0	< 2.0	< 2.0	< 2.0
SW8260B	Cis-1,2-Dichloroethene	µg/L	53	680	86	2.1	0.93 J	2.6
SW8260B	Methylene Chloride	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
SW8260B	Tetrachloroethene	µg/L	17	1.0	0.27 J	< 1.0	< 1.0	< 1.0
SW8260B	Trans-1,2-Dichloroethene	µg/L	23	14	2.0	1.5	1.3	0.41 J
SW8260B	Trichloroethene	µg/L	1800	22	4.8	1.2	1.0	5.2
SW8260B	Vinyl Chloride	µg/L	0.42 J	6.9 (JQ)	64	84	2.9	3.5
RSK-175	Ethane	µg/L	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
RSK-175	Ethene	µg/L	< 1.5	< 1.5	< 1.5	5.9	22	4.9
RSK-175	Methane	µg/L	8.0	4.7	2600	8100	11000	2900
SW9056	Bromide	mg/L	0.418 J	1.82	1.02	1.71	1.0	< 0.5
SW9056	Chloride-Cl	mg/L	27	10.1	3.0	3.38	3.92	2.17
SW9056	Nitrate-N	mg/L	0.102	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
SW9056	Sulfate	mg/L	9.89	1.45	1.0	0.592	1.06	3.83
SW9060	TOC	mg/L	0.538 J	27.9	42	86.1	36	< 1.0

Method	Parameter Name	Units	T6-AS-6 12/12/14	T6-AS-6 3/2/15	T6-AS-6 6/3/15	T6-AS-6 8/31/15	T6-AS-6 12/8/15	T6-AS-6 3/7/16
SW8260B	1,1,2,2-Tetrachloroethane	µg/L	1600	25	7.8	3.9	2.1	0.97 J
SW8260B	1,1,2-Trichloroethane	µg/L	6.0	0.28 J	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	1,1-Dichloroethene	µg/L	0.86 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	1,2-Dichloroethane	µg/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	Chloroethane	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
SW8260B	Chloroform	µg/L	16	0.7 J	0.33 J	0.41 J	0.37 J	< 1.0
SW8260B	Chloromethane	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
SW8260B	Cis-1,2-Dichloroethene	µg/L	36	4.0	1.6	2.3	15	19
SW8260B	Methylene Chloride	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	2 U^ (UB)	< 2.0
SW8260B	Tetrachloroethene	µg/L	31	11	6.2	4.3	3.0	3.6
SW8260B	Trans-1,2-Dichloroethene	µg/L	3.8	0.52 J	0.35 J	0.43 J	0.6 J	0.55 J
SW8260B	Trichloroethene	µg/L	6400	820	230	210	200	100
SW8260B	Vinyl Chloride	µg/L	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
RSK-175	Ethane	µg/L	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
RSK-175	Ethene	µg/L	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
RSK-175	Methane	µg/L	7.1	0.43 J	0.36 J	2.6	0.47 J	2.4
SW9056	Bromide	mg/L	0.531	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
SW9056	Chloride-Cl	mg/L	17.2	2.29	1.78	1.89	2.06	2.08
SW9056	Nitrate-N	mg/L	0.397	0.0579 J	< 0.1	0.0518 J	< 0.1	< 0.1
SW9056	Sulfate	mg/L	7.63	6.38	6.71	7.42	6.43	5.64
SW9060	TOC	mg/L	< 1.0	< 1.0	< 1.0	0.523 J	< 1.0	1.27

Table E1: Groundwater Analytical Results,
Training Area T-6 and Cane Creek Training Area, McClellan, Anniston, Alabama

Method	Parameter Name	Units	T6-AS-7 12/15/14	T6-AS-7 3/3/15	T6-AS-7 6/4/15	T6-AS-7 8/31/15	T6-AS-7 12/8/15	T6-AS-7 3/8/16	T6-AS-7 9/28/16	T6-AS-7 3/15/17
SW8260B	1,1,2,2-Tetrachloroethane	µg/L	2.5	2.0	1.7	0.52 J	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	1,1,2-Trichloroethane	µg/L	1.1	0.8 J	0.81 J	0.23 J	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	1,1-Dichloroethene	µg/L	< 1.0	0.4 J	0.47 J	< 1.0	< 1.0	0.70 J	< 1.0	< 1.0
SW8260B	1,2-Dichloroethane	µg/L	< 1.0	< 1.0	< 1.0	0.21 J	0.58 J	1.0	0.32 J	0.23 J
SW8260B	Chloroethane	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2
SW8260B	Chloroform	µg/L	7.8	5.6	1.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	Chloromethane	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2
SW8260B	Cis-1,2-Dichloroethene	µg/L	2.0	460	340	0.54 J	38	680	1.2	0.74 J
SW8260B	Methylene Chloride	µg/L	< 2.0	< 2.0	< 2.0	< 2.0	2 U^ (UB)	< 2.0	< 2.0	< 2
SW8260B	Tetrachloroethene	µg/L	2.1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
SW8260B	Trans-1,2-Dichloroethene	µg/L	0.24 J	0.9 J	1.4	1.0	2.6	6.2	3	2.9
SW8260B	Trichloroethene	µg/L	570	32	3.0	0.6 J	1.5	0.80 J	0.85 J	0.81 J
SW8260B	Vinyl Chloride	µg/L	< 0.8	< 0.8	140	260	110	270	8.5	1.9
RSK-175	Ethane	µg/L	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	2.7	48	86
RSK-175	Ethene	µg/L	< 1.5	< 1.5	< 1.5	2.8	130	120	120	32
RSK-175	Methane	µg/L	0.49 J	0.48 J	550	840	8800	6200	2500	4300
SW9056	Bromide	mg/L	1.01	< 0.5	< 0.5	< 0.5	0.511	0.253 J	--	--
SW9056	Chloride-Cl	mg/L	32.7	29.9	29.4	29.4	25.5	26	--	--
SW9056	Nitrate-N	mg/L	0.472	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	--	--
SW9056	Sulfate	mg/L	7.87	0.646	0.777	0.702	0.34 J	< 0.5	--	--
SW9060	TOC	mg/L	0.607 J	10.2	14.4	16.1	14.3	11	--	--

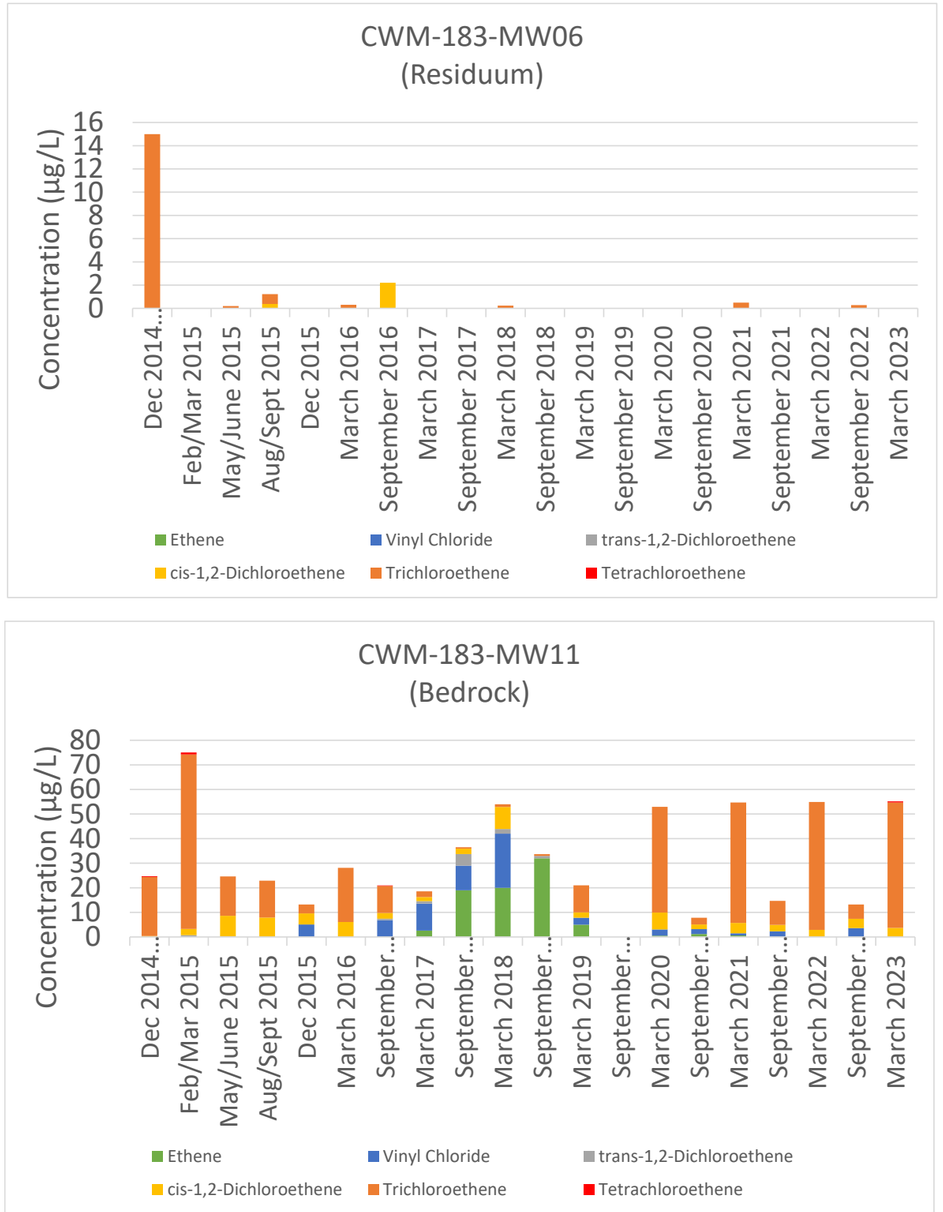
Notes:
< = Indicates the analyte was not detected at the reported quantitation limit shown.
µg/L = micrograms per liter
mg/L = milligrams per liter
dry or inadequate water volume to collect a sample
-- = not analyzed

Lab Flags:
J = Estimated detection. The analyte is positively identified and the concentration is less than the reporting limit (RL) but greater than the method detection limit (MDL).
U^ = Analyte is not detected above the RL; lab flag updated by MES data reviewer.

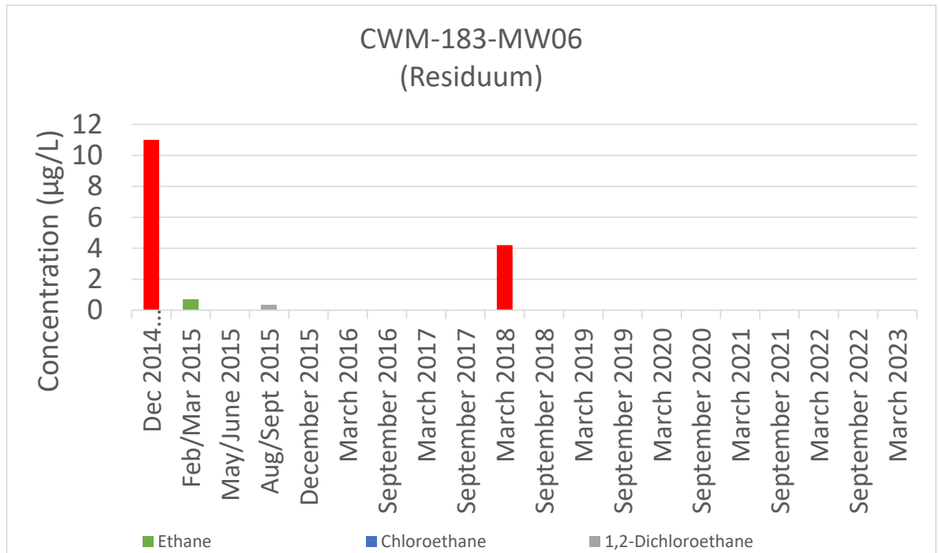
Validation Flags:
(UB) = Result was qualified as not detected based on blank contamination.
(JM) = Estimated detection; matrix spike and matrix spike duplicate recoveries were outside laboratory historical control limits.
(JQ) = Reported value is estimated; relative percent difference (RPD) of the analyte concentrations for parent sample and field duplicate exceeded criteria.

Figure E-1: Chlorinated Ethene and Chlorinated Ethane Composition in Groundwater
Training Area T-6 and Cane Creek Training Area 510(7)
McClellan, Anniston, Alabama

Chlorinated Ethene Pathway



Chlorinated Ethane Pathway



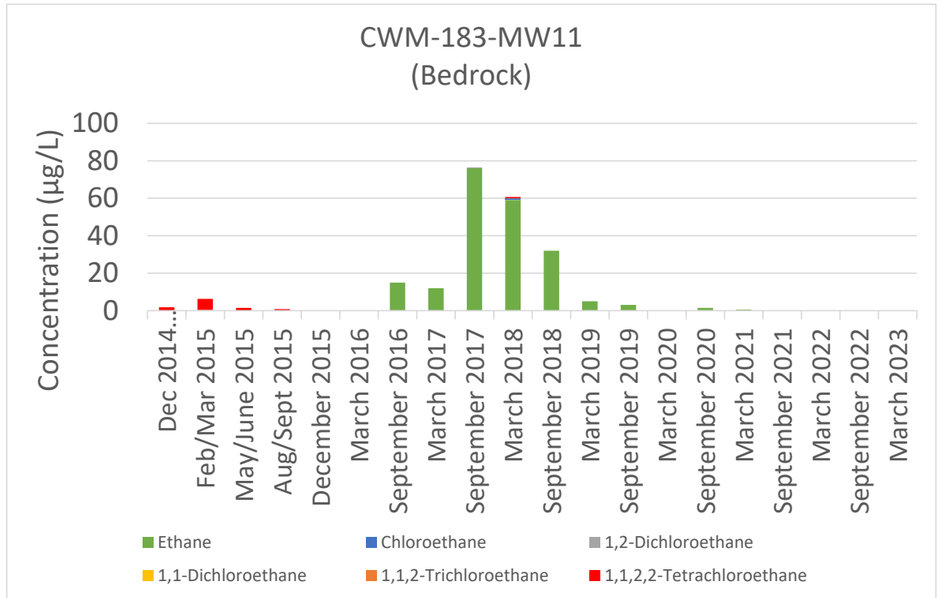
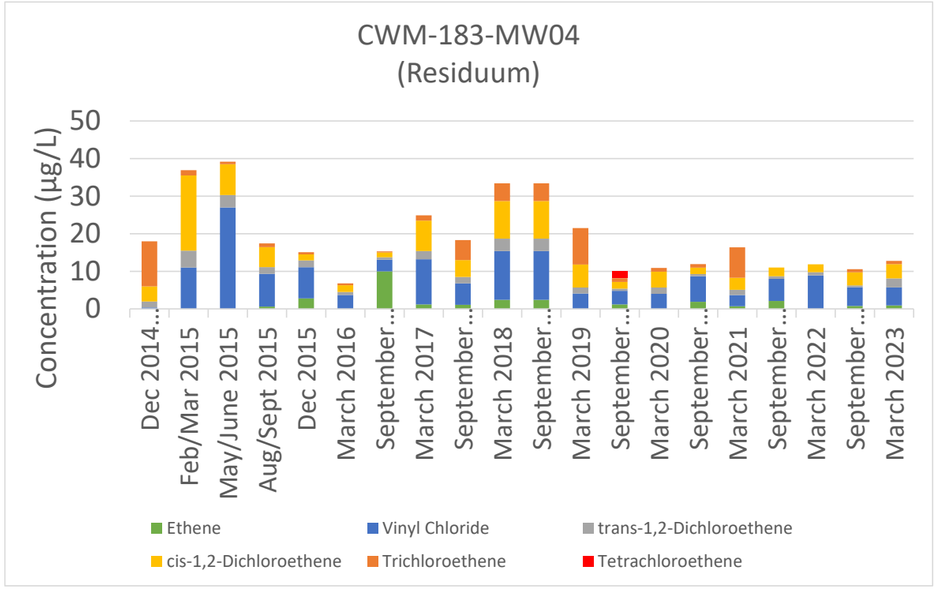
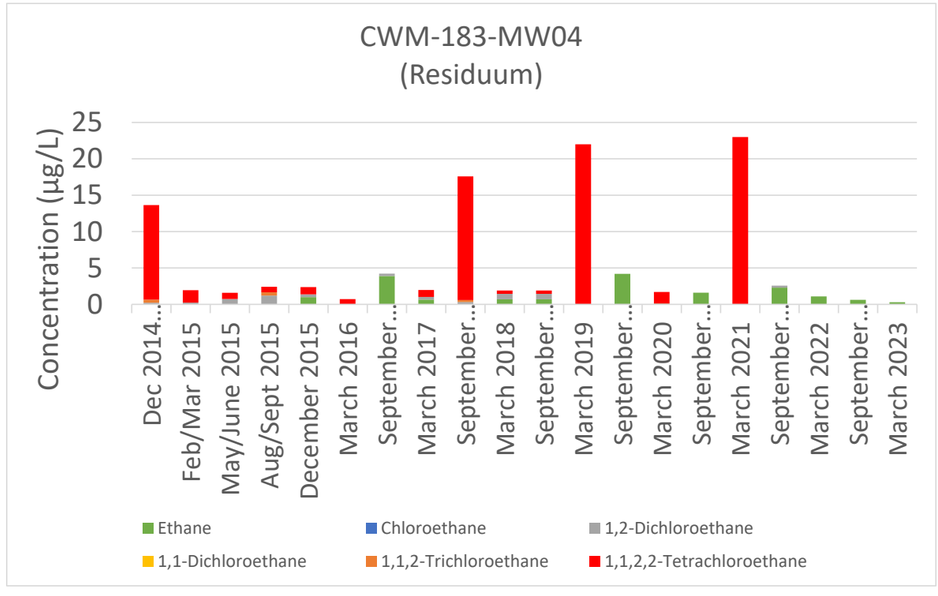


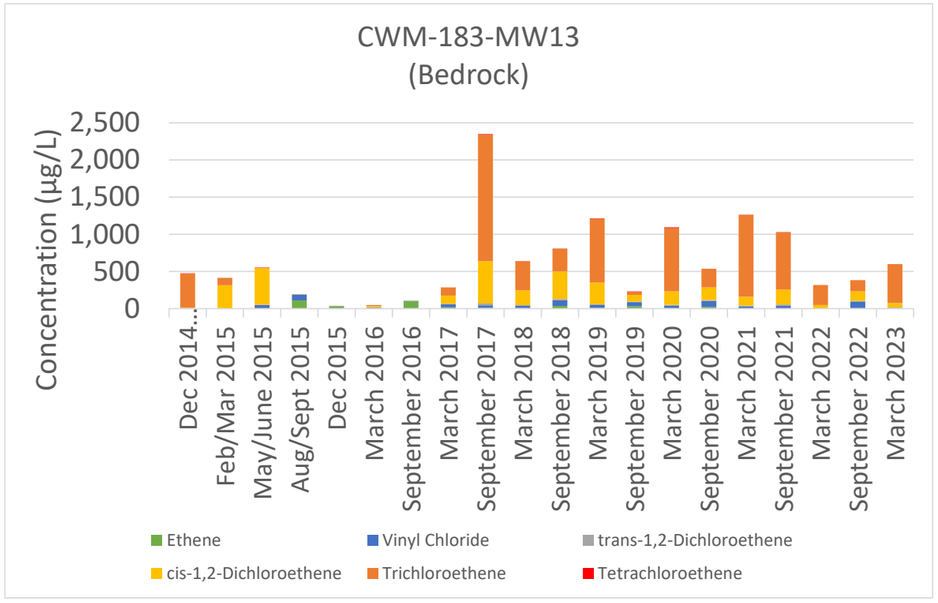
Figure E-1: Chlorinated Ethene and Chlorinated Ethane Composition in Groundwater
Training Area T-6 and Cane Creek Training Area 510(7)
McClellan, Anniston, Alabama

Chlorinated Ethene Pathway



Chlorinated Ethane Pathway





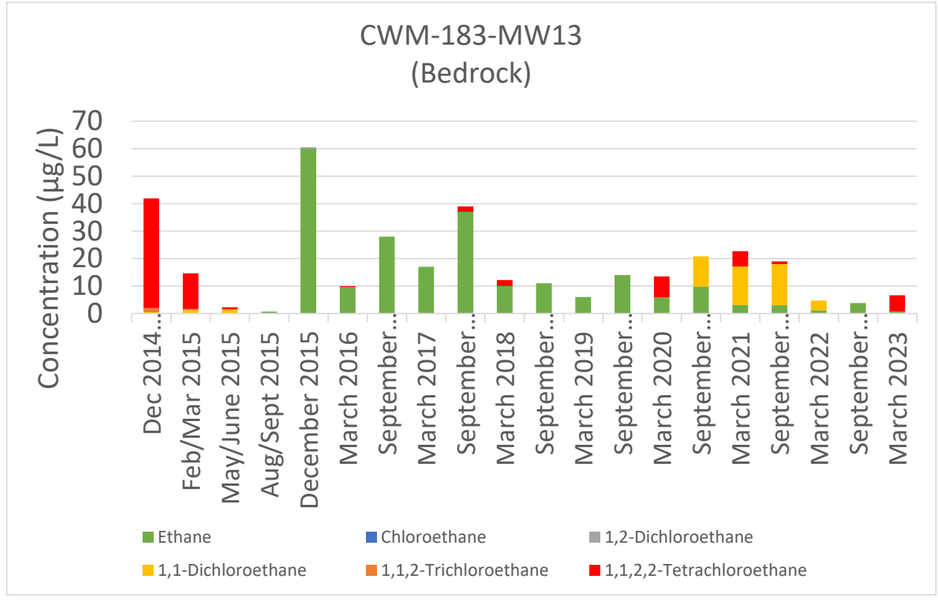
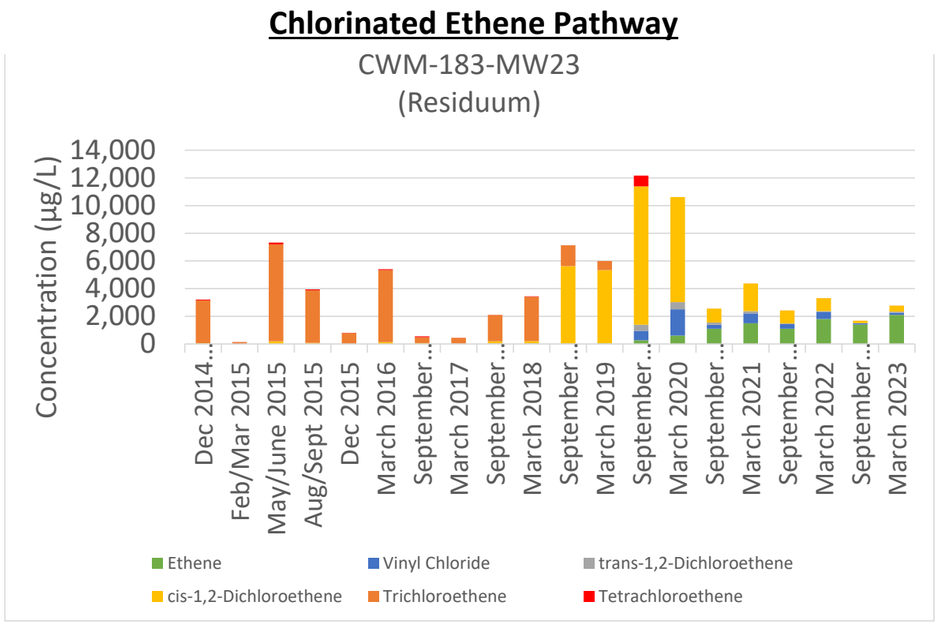
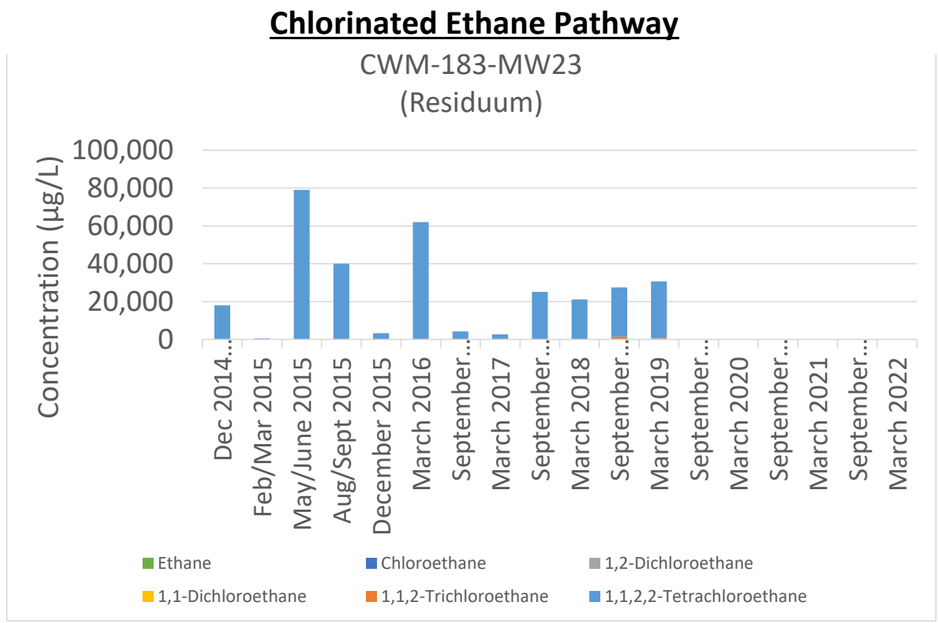
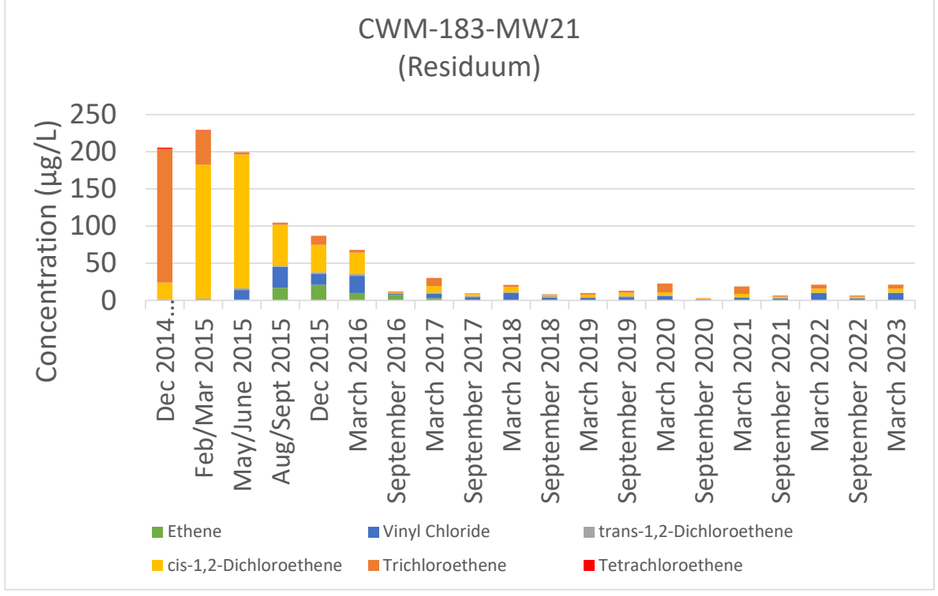
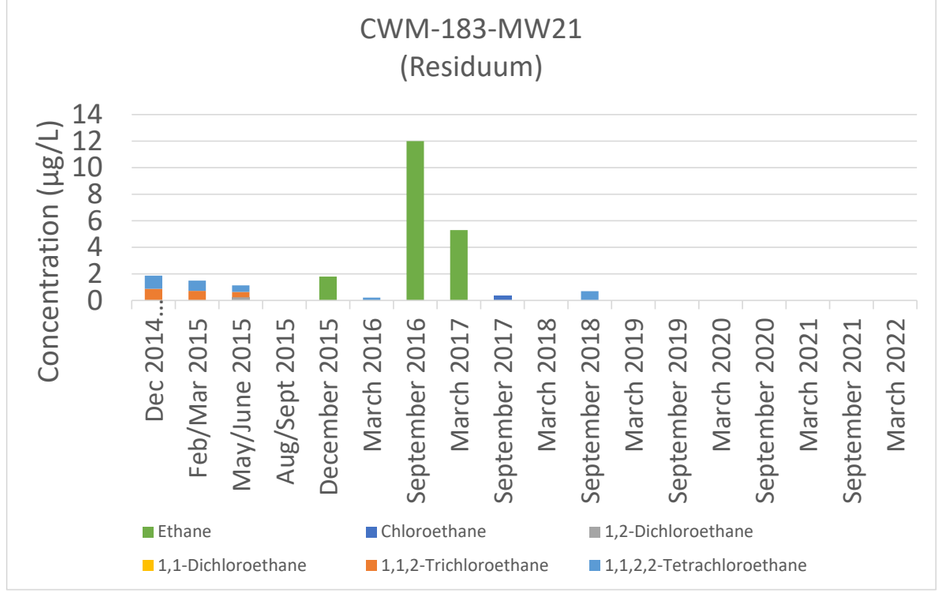


Figure E-1: Chlorinated Ethene and Chlorinated Ethane Composition in Groundwater
Training Area T-6 and Cane Creek Training Area 510(7)
McClellan, Anniston, Alabama





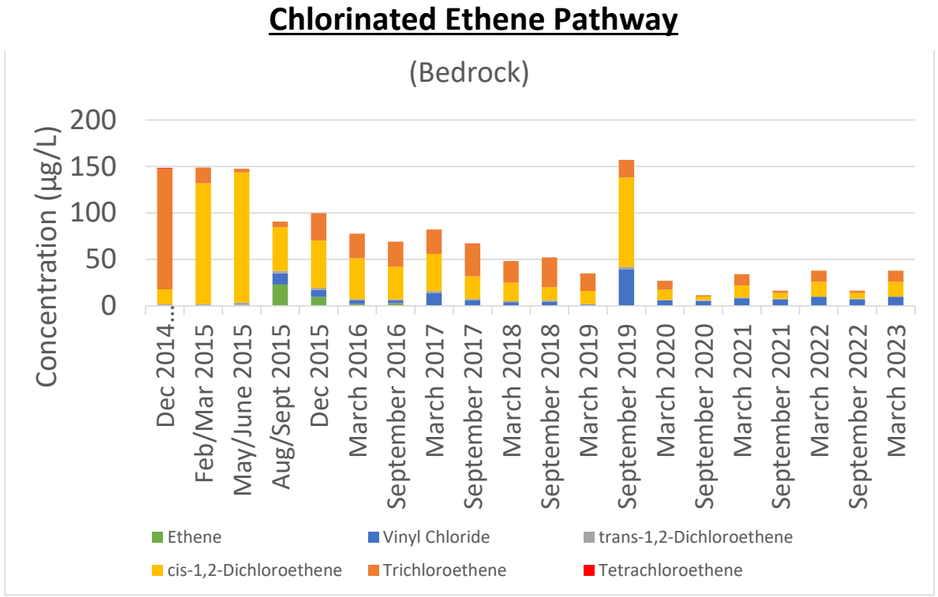


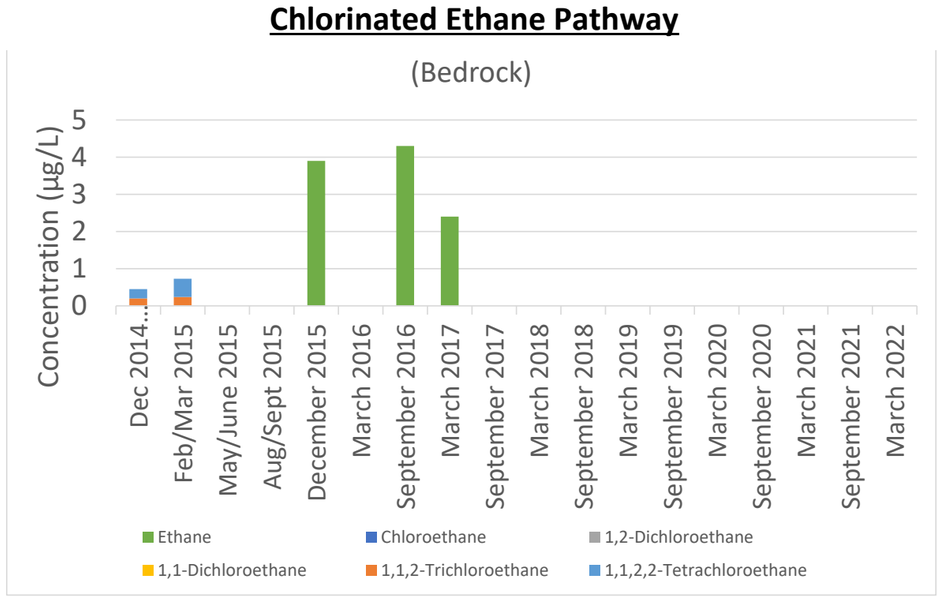


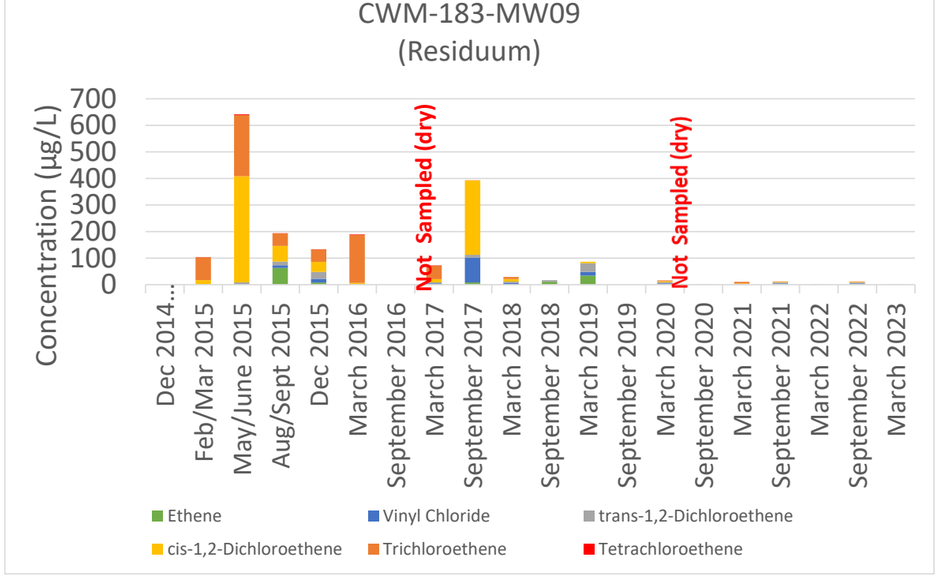
CWM-183-MW22

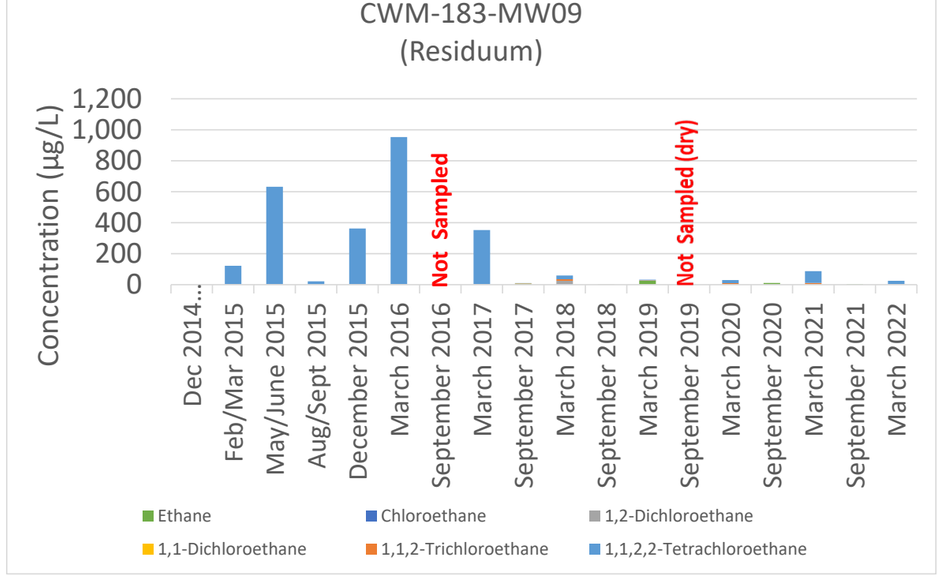
CWM-183-MW22

Figure E-1: Chlorinated Ethene and Chlorinated Ethane Composition in Groundwater
Training Area T-6 and Cane Creek Training Area 510(7)
McClellan, Anniston, Alabama









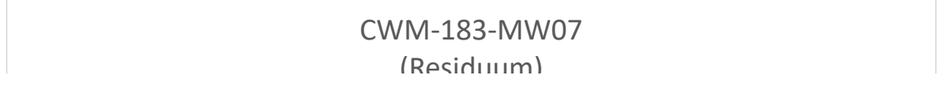
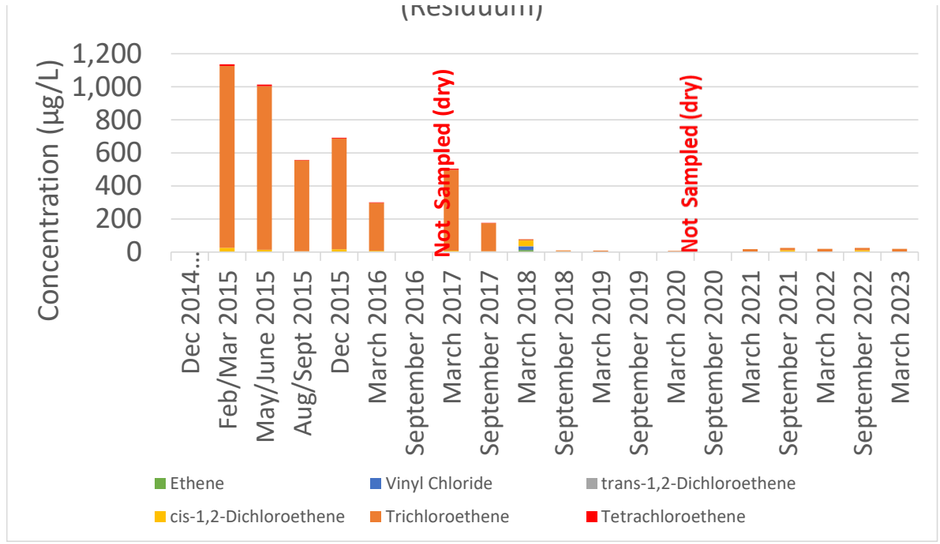
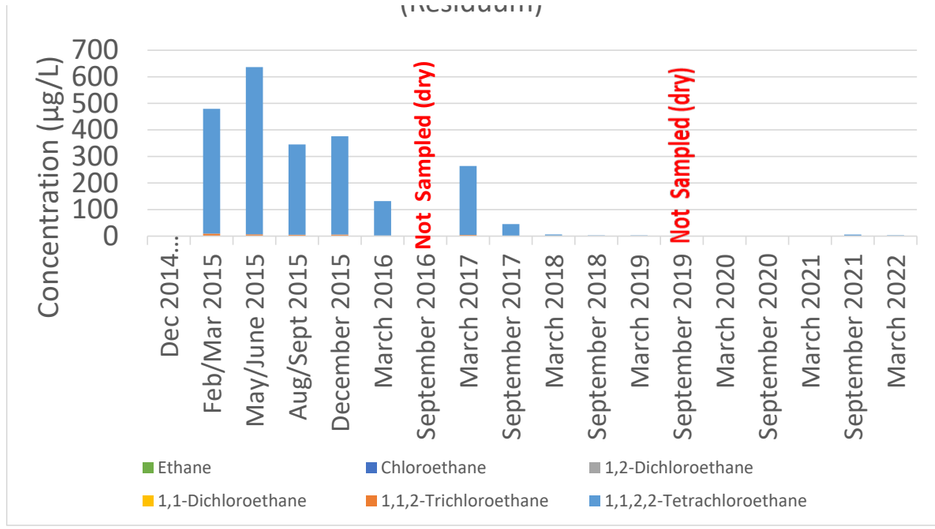
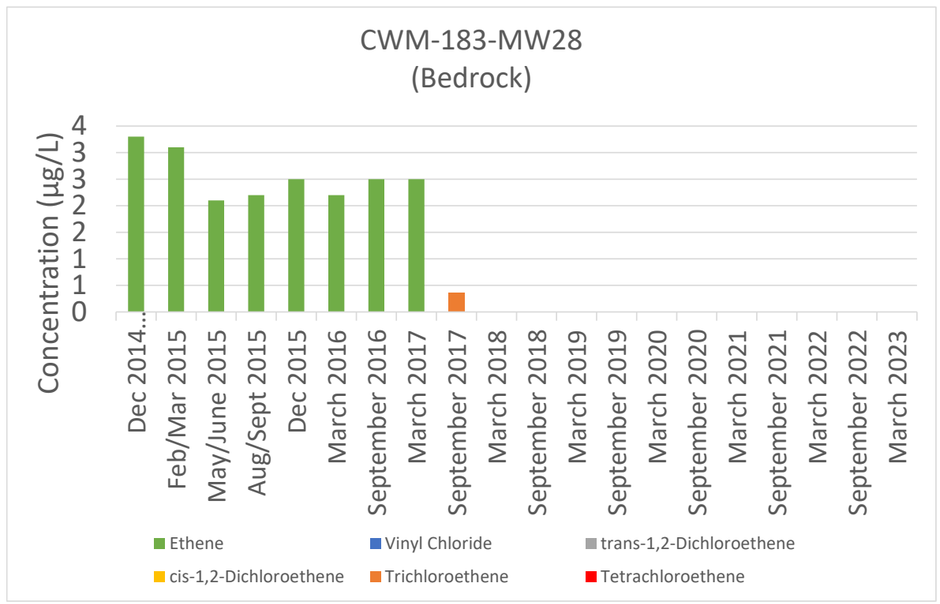
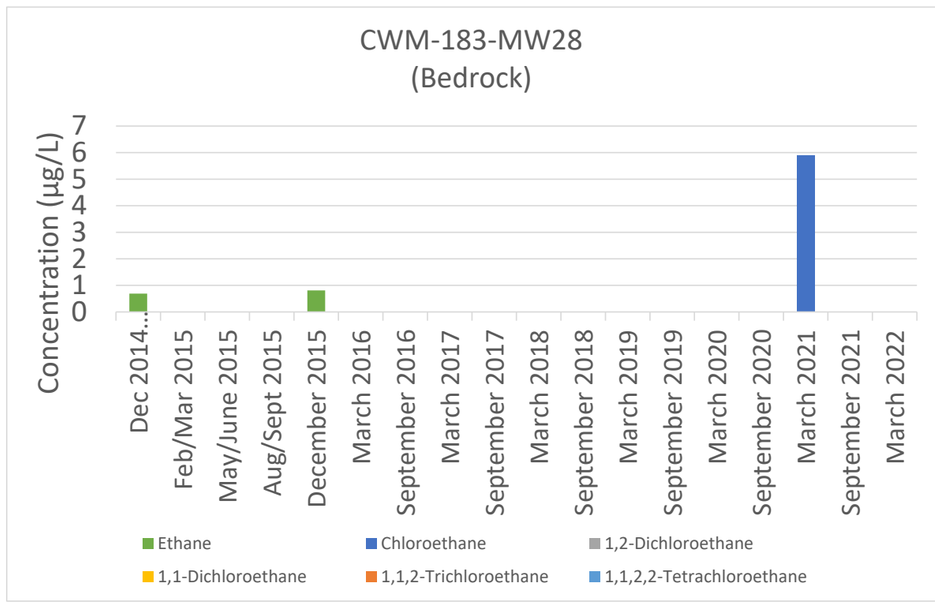


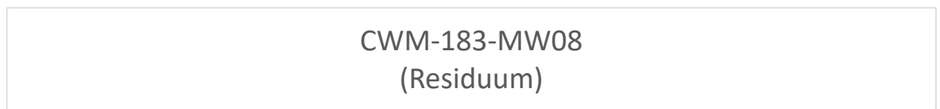
Figure E-1: Chlorinated Ethene and Chlorinated Ethane Composition in Groundwater
Training Area T-6 and Cane Creek Training Area 510(7)
McClellan, Anniston, Alabama

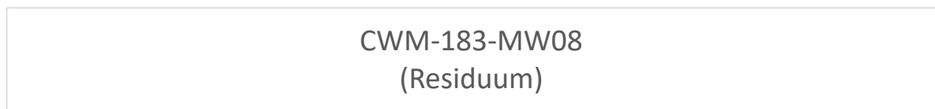












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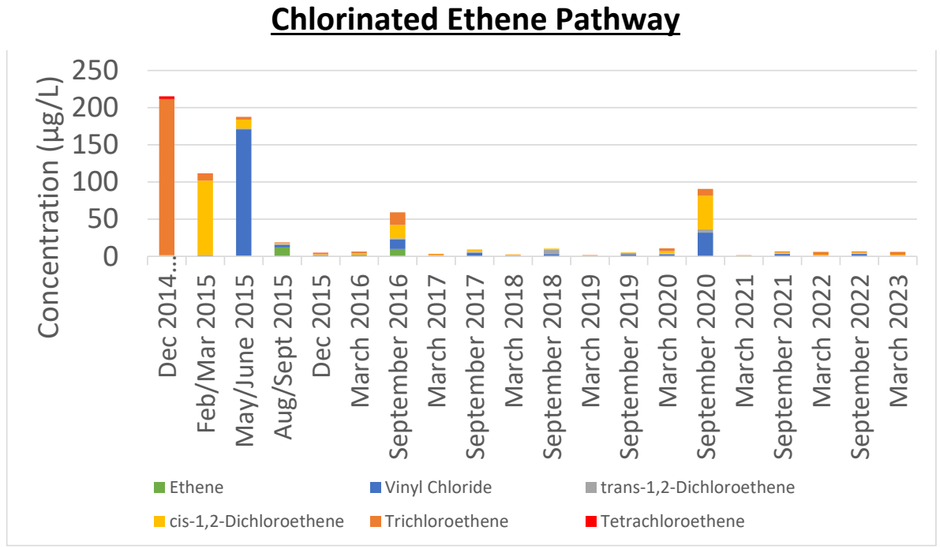
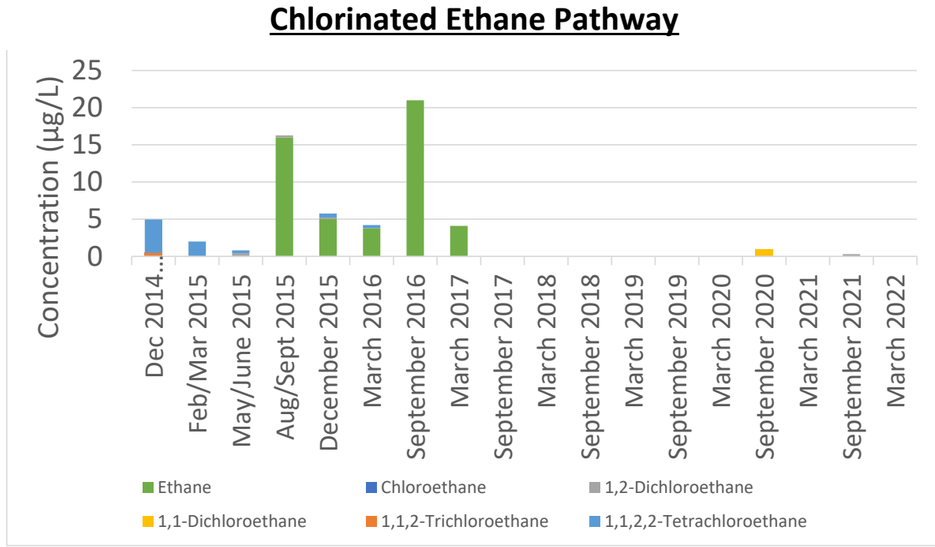
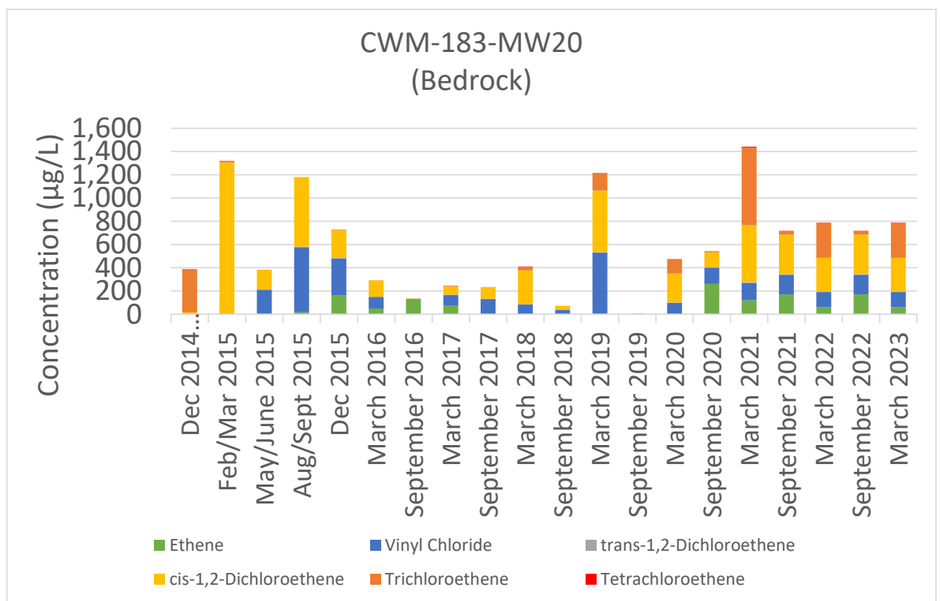
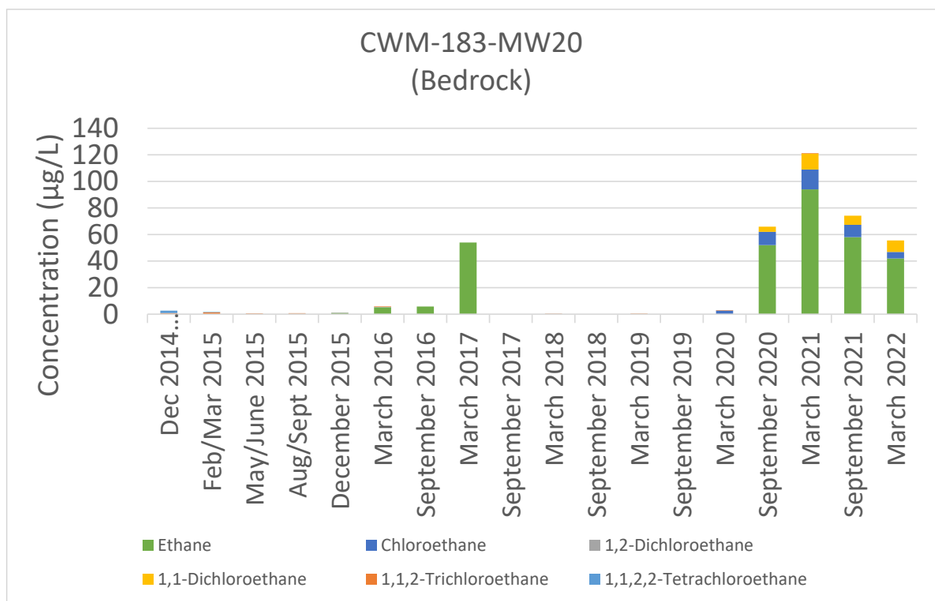
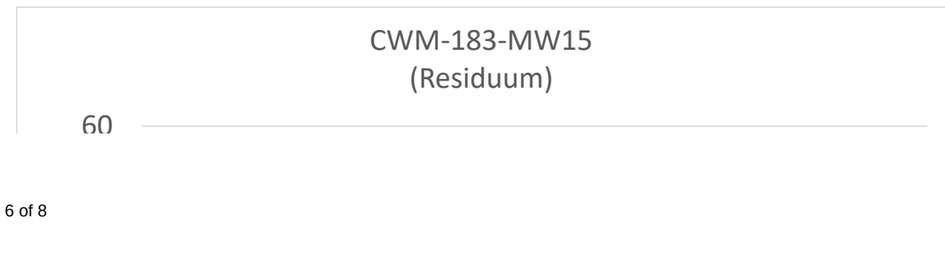
McClellan, Anniston, Alabama











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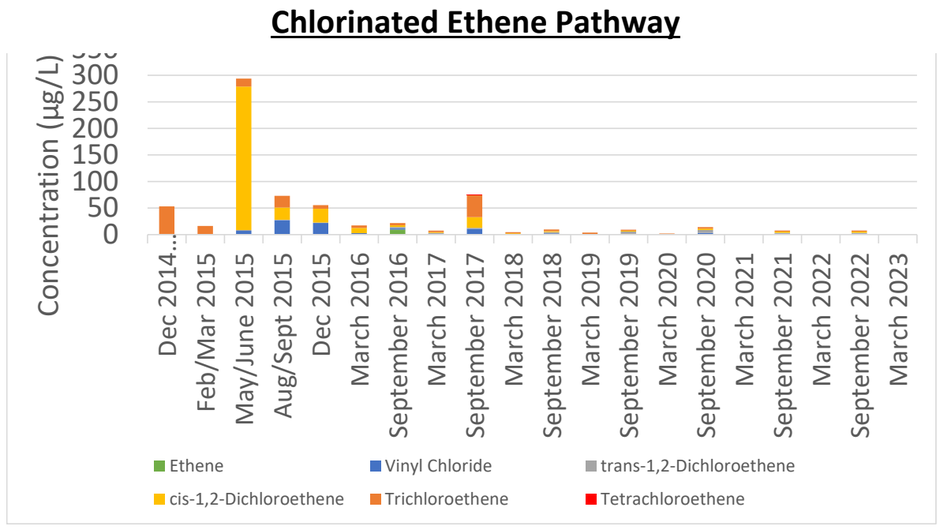
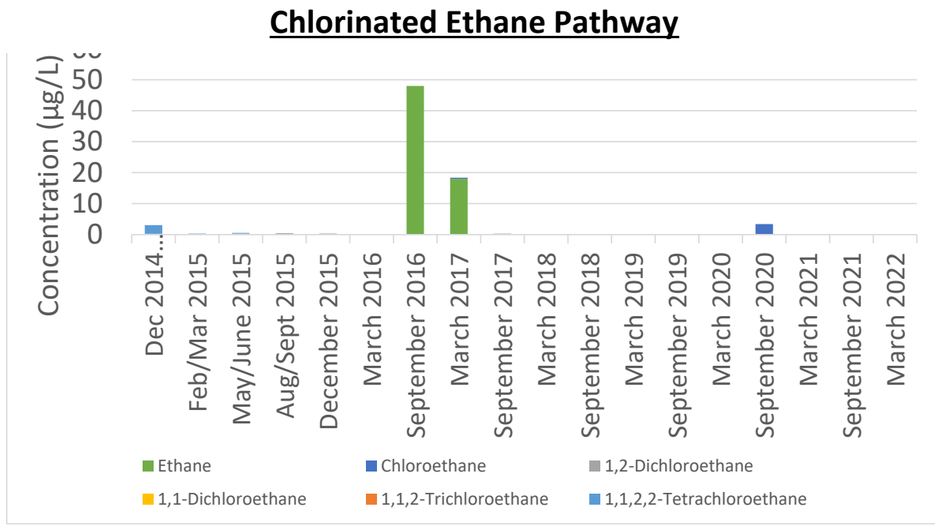
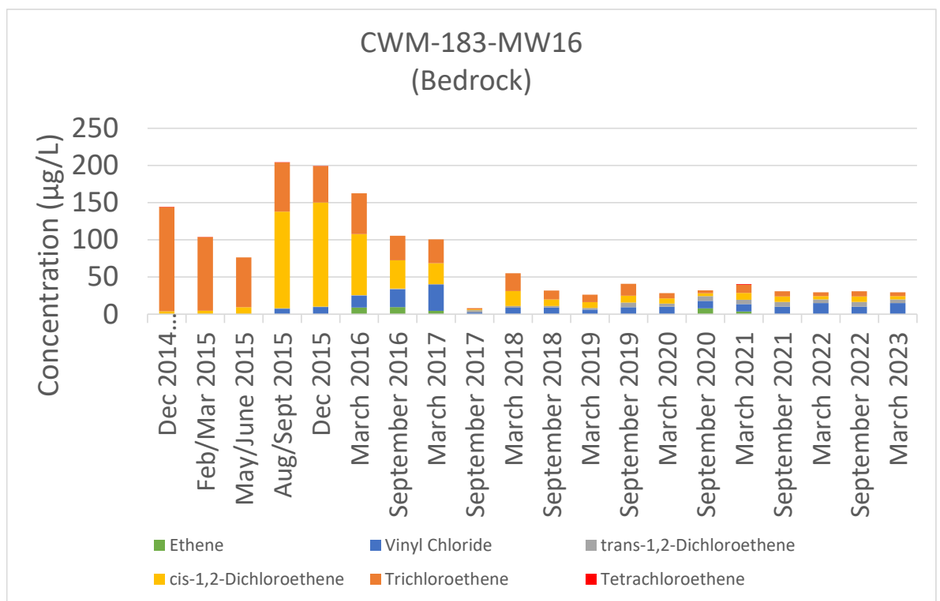
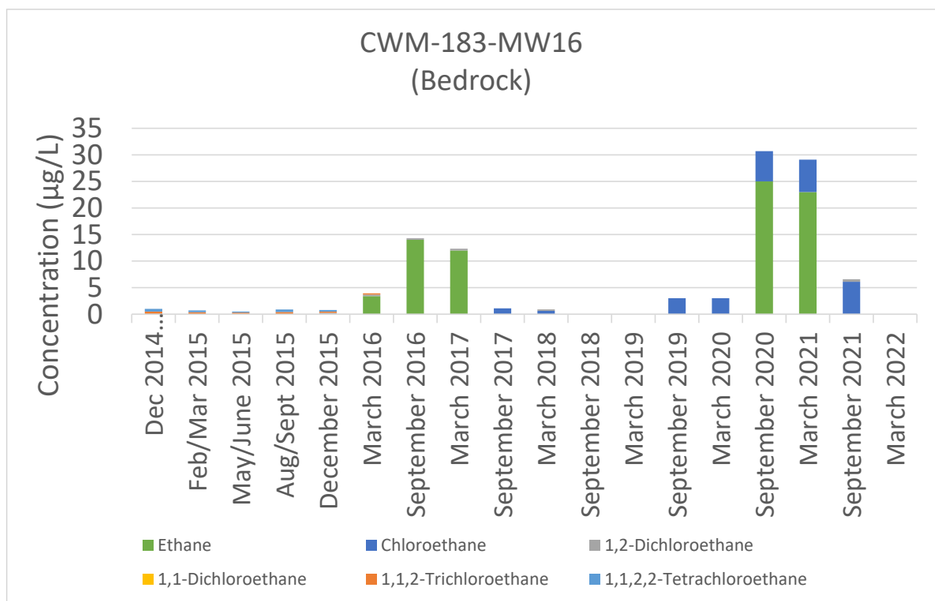
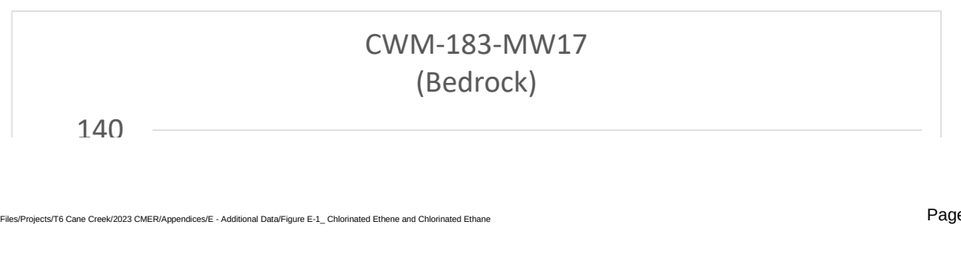
McClellan, Anniston, Alabama

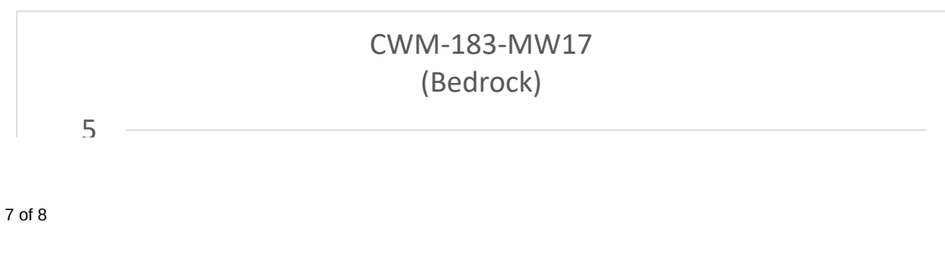












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