



October 11, 2022

Mr. Michael Belveg
Assistant Engineer
Division of Environmental Remediation, Region 7
615 Erie Blvd. West
Syracuse, New York 13204-2400

Reference Quarterly Monitoring Report - 1st Quarter 2022
Pass & Seymour
50 Boyd Avenue, Solvay, New York
NYSDEC Site No. C734102

Dear Mr. Belveg:

Introduction

This report summarizes the 1st Quarter 2022 groundwater monitoring event completed on March 25, 2022 at Pass & Seymour, Site No. C734102 (Site). The Site is located 50 Boyd Avenue, in the Village of Solvay, Onondaga County, New York (Drawing No. 1, Appendix A). This report is prepared and submitted by GeoLogic NY, P.C. (GeoLogic) at the direction of Pass & Seymour (P&S), consistent with the Site's remedial program as approved by the New York State Department of Environmental Conservation (NYSDEC) and the New York State Department of Health (NYSDOH).

The monitoring was completed in accordance with the Field Sampling Plan within the Site's Site Management Plan (SMP) approved in November 2010 and amended in 2020.

The layout of the Site and location of the groundwater monitoring wells are depicted on Drawing No. 2 (Appendix A). The 1st Quarter 2022 groundwater monitoring event included sampling the following eight (8) monitoring wells:

- BR09-37;
- BR09-39;
- BR10-46;
- BR10-47;
- IW2-1;
- IW2-3;
- OW1-1;
- OW1-4.

Background

There is one monitoring well remaining in the AOC-1 overburden: Well MW05-10. MW05-10 is sampled once per year, in the third quarter. The other overburden wells have been too dry to sample and have been eliminated from the monitoring program.

There are six (6) observation wells in AOC -1 screened in the upper fifteen feet of bedrock: OW1-1, OW1-4, BR09-37 and BR09-39, BR10-46 and BR10-47. These wells are to be sampled in the first and third quarter to evaluate groundwater concentrations in this area of concern.

In AOC-2, there are five (5) observation wells screened in the overburden till/weathered shale unit to monitor ISCO effectiveness: IW2-1, IW2-3, OW2-2, OB09-36, and OB09-38. IW2-1 and IW2-3 are sampled in the first and third quarters while the remaining three wells are sampled once a year, in the third quarter.

In the northwest corner of the site, a pair of wells screened in overburden (MW05-21) and bedrock (BR07-31) are also monitored for VOCs, once per year, in the third quarter.

As required in the SMP, once a year monitoring is also conducted for one upgradient well (BR07-32) and three downgradient, offsite wells BR08-33, BR08-34 and BR08-35. That sampling is completed during the third quarter of the calendar year.

1st Quarter 2022 Groundwater Monitoring Results

The groundwater elevations and purge volumes are summarized on Table No. 1 (Appendix B). The field parameter are summarized on Table No. 2 (Appendix B). The Groundwater Field Sampling Logs are included as Appendix C.

The groundwater samples were submitted to Eurofins Buffalo, located at 10 Hazelwood Drive, Amherst, New York 14228 for laboratory analysis. The groundwater samples were analyzed for Volatile Organic Compounds (VOCs) on the target compound list (TCL) using EPA Method 8260, Iron, Manganese, Nitrate, Chemical Oxygen Demand (COD), and Total Organic Carbon (TOC).

The analytical results are summarized on Drawing No. 2 (Appendix A) and Table No. 3 (Appendix B). The complete laboratory analytical report is included in Appendix D.

Recommendations

In accordance with the SMP, the 3rd Quarter 2022 groundwater monitoring event was completed September 28 through 30, 2022 and included sampling of eighteen (18) groundwater monitoring wells. We anticipate submitting a report to the Department in December 2022.

If you have any questions, please contact the undersigned at 607-749-500.

Mr. Michael Belveg, NYSDEC
Quarterly Monitoring Report - 1st Quarter 2022
Pass & Seymour Boyd Ave. Site, Site No.: C734102
October 11, 2022
Page 3 of 3



Respectfully submitted,

GeoLogic NY, P.C.

A blue ink signature of Christopher T. Gabriel, consisting of a large, stylized "C" followed by "T. Gabriel".

Christopher T. Gabriel
Environmental Scientist

A blue ink signature of Forrest Earl, consisting of a large, stylized "F" followed by "Earl".

Forrest Earl, P.G., QEP
President/Principal Hydrogeologist

Enc.: Appendix A Drawings
 Appendix B Tables
 Appendix C Groundwater Field Sampling Logs
 Appendix D Laboratory Analytical Report

cc w/enc.: Jim Osterbrock, Pass and Seymour
 Gary Priscott, NYSDEC
 Arunesh Ghosh, NYSDOH

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C734102 - October 2022.docx

APPENDIX A

DRAWINGS



Project North

GeoLogic

GeoLogic NY, PC, Homer, New York

**SITE LOCATION PLAN
PASS & SEYMOUR
50 BOYD AVE., SOLWAY, NEW YORK
SITE NO. C734102**

DRAWN BY: CTG	SCALE: Approx. as shown	PROJECT NO: 222025
REVIEWED BY: FCE	DATE: SEPT. 2022	DRAWING NO: 1

Legend:

 Monitoring Well Location

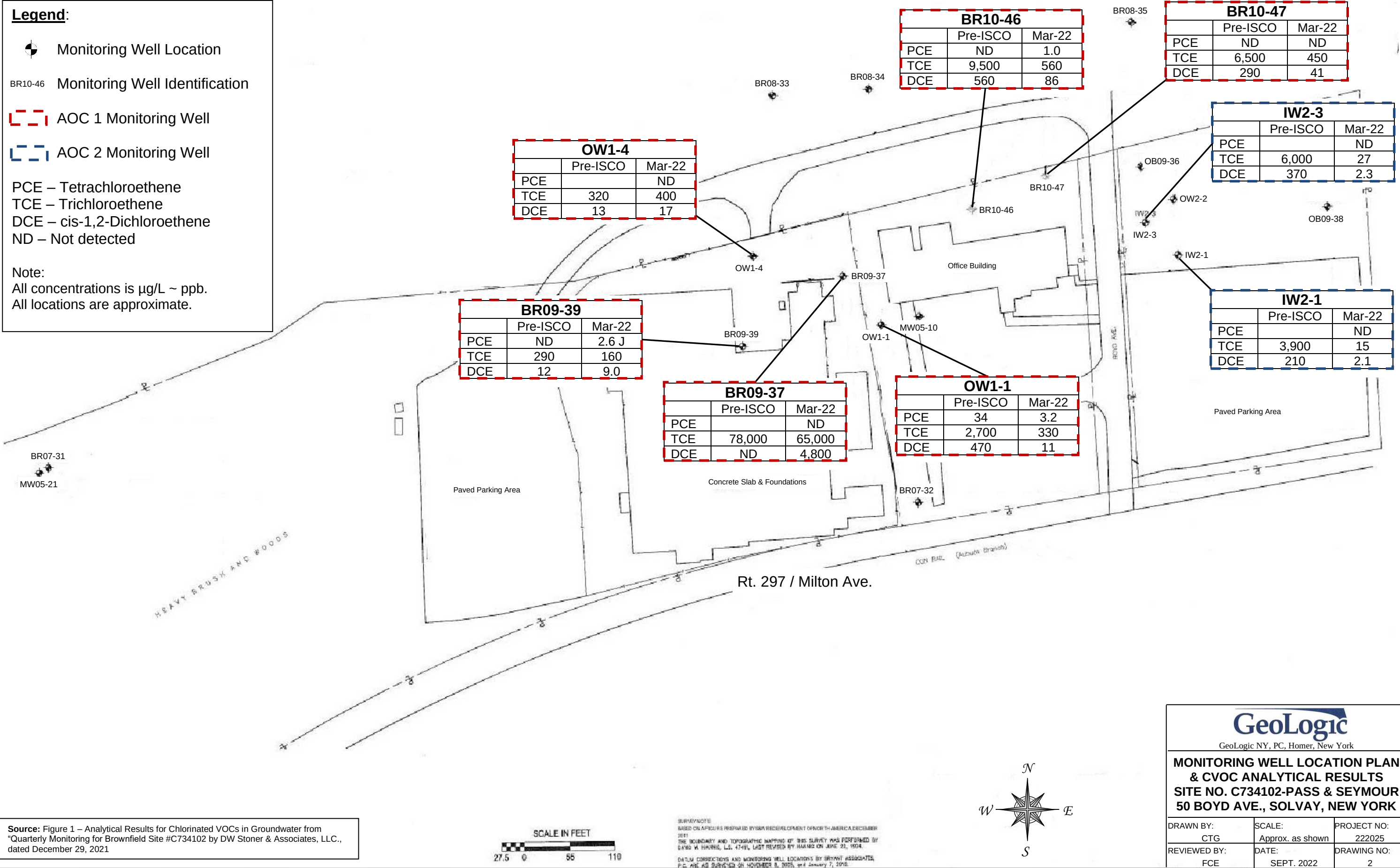
BR10-46 Monitoring Well Identification

 AOC 1 Monitoring Well

 AOC 2 Monitoring Well

PCE – Tetrachloroethene
TCE – Trichloroethene
DCE – cis-1,2-Dichloroethene
ND – Not detected

Note:
All concentrations is µg/L ~ ppb.
All locations are approximate.



APPENDIX B

TABLES

Table No. 1
Groundwater Elevations

Pass and Seymour - Boyd Avenue Site
Site No. C734102

MONITORING WELL I.D.	Well Diameter (IN)	SAMPLE DATE	TOC REF. ELEVATION	TOC DEPTH TO WATER (FT)	GW ELEVATION	DEPTH OF WELL (FT)	1 WELL VOLUME (GAL.)	VOLUME PURGED (GAL.)
BR09-37	2	3/25/2022	417.85	16.72	401.13	25.0	1.3	4.5
BR09-39	2	3/25/2022	424.06	18.78	405.28	30.0	1.8	6.0
BR10-46	2	3/25/2022	417.10	11.53	405.57	25.5	2.2	7.2
BR10-47	2	3/25/2022	416.67	12.55	404.12	25.0	2.0	6.5
IW2-1	4	3/25/2022	418.25	16.92	401.33	35.0	11.9	36
IW2-3	4	3/25/2022	416.62	14.92	401.70	35.0	13.3	40
OW1-1	2	3/25/2022	421.40	14.44	406.96	28.0	2.2	7.0
OW1-4	2	3/25/2022	419.90	16.17	403.73	28.0	1.9	6.0

Notes:

All elevations are feet above mean sea level.

Water levels measured with an electronic water level indicator to the nearest 0.01' & referenced to the top of the PVC well casing.

Wells purged and sampled utilizing dedicated bailers. Some wells purged day prior to sample collection.

NC = Not Collected. Well not included in sampling event.

TOC = Top of Casing

GW = Groundwater

NA = Not Applicable - Well Dry

Table No. 2
Field Parameters

Pass and Seymour - Boyd Avenue Site
Site No. C734102

Well	Date	Temp. (°C)	pH	Conductivity (Umhos/cm)	Turbidity (NTU)	ORP (mV)	DO (mg/L)
BR09-37	3/25/2022	11.53	7.08	2.33	10.1	80.6	9.64
BR09-39	3/25/2022	12.81	7.04	1.76	1.8	147	10.5
BR10-46	3/25/2022	11.35	7.39	1.13	14.8	85	14.68
BR10-47	3/25/2022	10.15	7.19	2.93	76.6	140	29.74
IW2-1	3/25/2022	12.79	7.18	2.82	5.2	50	12.09
IW2-3	3/25/2022	12.70	7.2	1.96	8.7	184	21.75
OW1-1	3/25/2022	12.65	7.39	1.13	14.8	85	14.68
OW1-4	3/25/2022	12.18	6.98	1.02	16.8	84.6	30.07
Notes:							
NC = Not Collected. Well not included in sampling event.							
3-25-2022 field parameters collected utilizing Horiba U-52 rented from & calibrated by Pine Environmental.							

Table No. 3
Summary of March 2022 Groundwater Analytical Results.

Pass and Seymour - Boyd Avenue Site
Site No. C734102

March 25, 2022 Quarterly Groundwater Sampling Event													
COMPOUND µg/L (ppb)	CLASS GA STANDARD	BR09-37		BR09-39		BR10-46		BR10-47		IW2-1		IW2-3	
		3/25/2022		3/25/2022		3/25/2022		3/25/2022		3/25/2022		3/25/2022	
1,1,1-Trichloroethane	5	<800	ND	<5.0	ND	<1.0	ND	<8.0	ND	<1.0	ND	<1.0	ND
1,1,2,2-Tetrachloroethane	5	<800	ND	<5.0	ND	<1.0	ND	<8.0	ND	<1.0	ND	<1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	5	<800	ND	<5.0	ND	<1.0	ND	<8.0	ND	<1.0	ND	<1.0	ND
1,1,2-Trichloroethane	1	<800	ND	<5.0	ND	<1.0	ND	<8.0	ND	<1.0	ND	<1.0	ND
1,1-Dichloroethane	5	<800	ND	<5.0	ND	<1.0	ND	<8.0	ND	<1.0	ND	<1.0	ND
1,1-Dichloroethene	5	<800	ND	<5.0	ND	0.91	J	<8.0	ND	<1.0	ND	<1.0	ND
1,2,4-Trichlorobenzene	5	<800	ND	<5.0	ND	<1.0	ND	<8.0	ND	<1.0	ND	<1.0	ND
1,2-Dibromo-3-chloropropane	0.04	<800	ND	<5.0	ND	<1.0	ND	<8.0	ND	<1.0	ND	<1.0	ND
1,2-Dibromoethane (EDB)	6 x 10 ⁻⁴	<800	ND	<5.0	ND	<1.0	ND	<8.0	ND	<1.0	ND	<1.0	ND
1,2-Dichlorobenzene	3	<800	ND	<5.0	ND	<1.0	ND	<8.0	ND	<1.0	ND	<1.0	ND
1,2-Dichloroethane	0.6	<800	ND	<5.0	ND	<1.0	ND	<8.0	ND	<1.0	ND	<1.0	ND
1,2-Dichloropropane	1	<800	ND	<5.0	ND	<1.0	ND	<8.0	ND	<1.0	ND	<1.0	ND
1,3-Dichlorobenzene	3	<800	ND	<5.0	ND	<1.0	ND	<8.0	ND	<1.0	ND	<1.0	ND
1,4-Dichlorobenzene	4	<800	ND	<5.0	ND	<1.0	ND	<8.0	ND	<1.0	ND	<1.0	ND
2-Butanone (MEK)	50	<8,000	ND	<50	ND	<10	ND	<80	ND	<10	ND	<10	ND
2-Hexanone	50	<4,000	ND	<25	ND	<5.0	ND	<40	ND	<5.0	ND	<5.0	ND
4-Methyl-2-pentanone (MIBK)	5	<4,000	ND	<25	ND	<5.0	ND	<40	ND	<5.0	ND	<5.0	ND
Acetone	50	<8,000	ND	<50	ND	<10	ND	<80	ND	<10	ND	<10	ND
Benzene	1	<800	ND	<5.0	ND	<1.0	ND	<8.0	ND	<1.0	ND	<1.0	ND
Bromodichloromethane	50	<800	ND	<5.0	ND	<1.0	ND	<8.0	ND	<1.0	ND	<1.0	ND
Bromoform	50	<800	ND	<5.0	ND	<1.0	ND	<8.0	ND	<1.0	ND	<1.0	ND
Bromomethane	5	<800	ND	<5.0	ND	<1.0	ND	<8.0	ND	<1.0	ND	<1.0	ND
Carbon disulfide	60	<800	ND	<5.0	ND	<1.0	ND	<8.0	ND	<1.0	ND	<1.0	ND
Carbon tetrachloride	5	<800	ND	<5.0	ND	<1.0	ND	<8.0	ND	<1.0	ND	<1.0	ND
Chlorobenzene	5	<800	ND	<5.0	ND	<1.0	ND	<8.0	ND	<1.0	ND	<1.0	ND
Chloroethane	5	<800	ND	<5.0	ND	<1.0	ND	<8.0	ND	<1.0	ND	<1.0	ND
Chloroform	7	<800	ND	<5.0	ND	<1.0	ND	<8.0	ND	<1.0	ND	<1.0	ND
Chloromethane	5	<800	ND	<5.0	ND	<1.0	ND	<8.0	ND	<1.0	ND	<1.0	ND
cis-1,2-Dichloroethene (DCE)	5	4,800		9.0		86		41		2.1		2.3	
cis-1,3-Dichloropropene	0.4	<800	ND	<5.0	ND	<1.0	ND	<8.0	ND	<1.0	ND	<1.0	ND
Cyclohexane	None	<800	ND	<5.0	ND	<1.0	ND	<8.0	ND	<1.0	ND	<1.0	ND

Table No. 3
Summary of March 2022 Groundwater Analytical Results.

Pass and Seymour - Boyd Avenue Site
 Site No. C734102

COMPOUND µg/L (ppb)	CLASS GA STANDARD	BR09-37	BR09-39	BR10-46	BR10-47	IW2-1	IW2-3	OW1-1	OW1-4
		3/25/2022	3/25/2022	3/25/2022	3/25/2022	3/25/2022	3/25/2022	3/25/2022	3/25/2022
Dibromochloromethane	50	<800 ND	<5.0 ND	<1.0 ND	<8.0 ND	<1.0 ND	<1.0 ND	<1.0 ND	<8.0 ND
Dichlorodifluoromethane	5	<800 ND	<5.0 ND	<1.0 ND	<8.0 ND	<1.0 ND	<1.0 ND	<1.0 ND	<8.0 ND
Ethylbenzene	5	<800 ND	<5.0 ND	<1.0 ND	<8.0 ND	<1.0 ND	<1.0 ND	<1.0 ND	<8.0 ND
Isopropylbenzene (Cumene)	5	<800 ND	<5.0 ND	<1.0 ND	<8.0 ND	<1.0 ND	<1.0 ND	<1.0 ND	<8.0 ND
Methyl acetate	None	<2,000 ND	<13 ND	<2.5 ND	<20 ND	<2.5 ND	<2.5 ND	<2.5 ND	<20 ND
Methyl tert-butyl ether (MTBE)	10	<800 ND	<5.0 ND	<1.0 ND	<8.0 ND	<1.0 ND	<1.0 ND	<1.0 ND	<8.0 ND
Methylcyclohexane	None	<800 ND	<5.0 ND	<1.0 ND	<8.0 ND	<1.0 ND	<1.0 ND	<1.0 ND	<8.0 ND
Methylene Chloride	5	<800 ND	<5.0 ND	<1.0 ND	<8.0 ND	<1.0 ND	<1.0 ND	<1.0 ND	<8.0 ND
Styrene	5	<800 ND	<5.0 ND	<1.0 ND	<8.0 ND	<1.0 ND	<1.0 ND	<1.0 ND	<8.0 ND
Tetrachloroethene (PCE)	5	<800 ND	2.6 J	1.0	<8.0 ND	<1.0 ND	<1.0 ND	3.2	<8.0 ND
Toluene	5	<800 ND	<5.0 ND	<1.0 ND	<8.0 ND	<1.0 ND	<1.0 ND	<1.0 ND	<8.0 ND
trans-1,2-Dichloroethene	5	<800 ND	<5.0 ND	<1.0 ND	<8.0 ND	<1.0 ND	<1.0 ND	1.2	<8.0 ND
trans-1,3-Dichloropropene	0.4	<800 ND	<5.0 ND	<1.0 ND	<8.0 ND	<1.0 ND	<1.0 ND	<1.0 ND	<8.0 ND
Trichloroethene (TCE)	5	65,000	160	560 F1	450	15	27	330	400
Trichlorofluoromethane	5	<800 ND	<5.0 ND	<1.0 ND	<8.0 ND	<1.0 ND	<1.0 ND	<1.0 ND	<8.0 ND
Vinyl Chloride (VC)	2	<800 ND	<5.0 ND	<1.0 ND	<8.0 ND	<1.0 ND	<1.0 ND	<1.0 ND	<8.0 ND
Xylenes (Total)	5	<1,600 ND	<10 U	<2.0 ND	<16 ND	<2.0 ND	<2.0 ND	<2.0 ND	<16 ND
Total VOCs (µg/L)		69,800	171.6	647.9	491.0	17.1	29.3	345.4	417.0
Iron (Fe) (mg/L)	0.3	0.45	0.20	0.79	2.50	2.80	0.098	0.74	1.80
Manganese (Mn) (mg/L)	0.3	0.34	0.87	0.52	3.00	0.065	0.059	0.061	0.45
Nitrate as N (mg/L)	10	1.4	2.9	0.55	3.8	0.46	2.8	5.7	1.9
COD (mg/L)	NA	47.4	42.5	50.5	38.7	61.8	46.2 F1	41.0	43.3
TOC (mg/L)	250	1.7	1.3	5.7	1.4	2.0	2.6	1.8	1.6
Notes: NYSDEC Standard = Class GA water quality standards and guidance values listed in the NYSDEC Division of Water Technical and Operation Guidance Series 1.1.1 (TOGS 1.1.1, June 1998) and subsequent corrections/addendums. All concentrations are reported in micrograms per liter (µg/L) ~ parts per billion (ppb) unless noted otherwise. ND - Not Detected at the reporting limit (RL) (or Method Detection Limit (MDL) or Estimated Detection Limit (EDL) if shown). J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. F1 - MS and/or MSD recovery exceeds control limits. COD - Chemical Oxygen Demand NS - No Sample TOC - Total Organic Carbon IV - Insufficient Volume Note: Class GA standard of 500 µg/L applies to the sum of iron and manganese concentrations.									
Compound Above Standard		See analytical results for additional qualifiers and complete results.							

APPENDIX C

GROUNDWATER MONITORING WELL SAMPLING RECORDS

FIELD OBSERVATIONS

Facility: Pass & Seymour

Sample Point ID: BR10-47

Field Personnel: RE, AP

Sample Matrix: GW

SAMPLING INFORMATION:

Date/Time 2022 3-25/15:00

Method of Sampling: Bailer Dedicated: YES

Diameter of Well 2"

Well Depth (from top of PVC) 35'

Water Depth (from top of PVC) 12.55

Length of water Column 12.45

Purge Volume: LWC x 0.17 x 3= 6.35

Volume Purged 6.5 g.

Methane Reading

3-24-22 10:30
RE

SAMPLING DATA: Salinity: 1.5 ppt

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
<u>15:00</u>	<u>10.15</u>	<u>7.19</u>	<u>2.93</u>	<u>76.6</u>	<u>140</u>	<u>29.74</u>

INSTRUMENT CHECK DATA:

Turbidity 0.0 Serial #:

Turbidity 1.0 Serial #:

Turbidity 10.0 Serial #:

pH 4.0 Serial #:

pH 7.0 Serial #:

pH 10.0 Serial #:

HORIBA U-52

RENTED FROM AND

CALIBRATED BY

PINE ENVIRONMENTAL

Cond Serial #: umhos/cm@25 C

ORP Serial # Mv

DO Calibrated to @

Weather conditions @ time of sampling: 40s, cloudy

COMMENTS AND OBSERVATIONS:

note turb. greater than 50*

Well lacked cover plate and bailer. We supplied

a one-time bailer. *We included a sample for

Dissolved metals.

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocols.

Date: 3/25/2022

By: REighlin

Company: ETA

FIELD OBSERVATIONS

Facility: Pass & Seymour

Sample Point ID: IWS-1

Field Personnel: RE, AP

Sample Matrix: GW

SAMPLING INFORMATION:

Date/Time 2022 3-25 09:25

Method of Sampling: Bailer Dedicated: YES

Diameter of Well 4"

Well Depth (from top of PVC) 35'

Water Depth (from top of PVC) 16.92

Length of water Column 18.08

Purge Volume: LWC x 0.47 x 3 = 35.80

Volume Purged 36 g.

Methane Reading 0.66

3-25-22
08:45

SAMPLING DATA: Salinity: 1.45 ppt

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
<u>09:25</u>	<u>12.79</u>	<u>7.18</u>	<u>2.82</u>	<u>5.2</u>	<u>50</u>	<u>12.09</u>

INSTRUMENT CHECK DATA:

Turbidity 0.0 Serial #: _____

Turbidity 1.0 Serial #: _____

Turbidity 10.0 Serial #: _____

pH 4.0 Serial #: _____

pH 7.0 Serial #: _____

pH 10.0 Serial #: _____

HORIBA U-52

RENTED FROM AND

CALIBRATED BY

PINE ENVIRONMENTAL

Cond Serial #: _____ umhos/cm@25 C

ORP Serial # _____ Mv

DO Calibrated to _____ @ _____

Weather conditions @ time of sampling: 40s, cloudy

COMMENTS AND OBSERVATIONS: _____

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocols.

Date: 3/25/2022

By: REighlin

Company: EETA

FIELD OBSERVATIONS

Facility: Pass, E' Seymour

Sample Point ID: BR09-39

Field Personnel: RE, AP

Sample Matrix: GW

SAMPLING INFORMATION:

Date/Time 2022 3-25-10:38

Method of Sampling: Bailer Dedicated: YES

Diameter of Well 2.11

Well Depth (from top of PVC) 30.1

Water Depth (from top of PVC) 18.78

Length of water Column 11.62

Purge Volume: LWC x 0.17 x 3= 5.92

Volume Purged 6 g.

Methane Reading 3-24-22

SAMPLING DATA: Salinity: 0.88 ppt

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
<u>10:38</u>	<u>12.81</u>	<u>7.04</u>	<u>1.76</u>	<u>1.8</u>	<u>147</u>	<u>10.5</u>

INSTRUMENT CHECK DATA:

Turbidity 0.0 Serial #: _____

Turbidity 1.0 Serial #: _____

Turbidity 10.0 Serial #: _____

pH 4.0 Serial #: _____

pH 7.0 Serial #: _____

pH 10.0 Serial #: _____

HORIBA U-52

RENTED FROM AND

CALIBRATED BY

PINE ENVIRONMENTAL

Cond Serial #: _____ umhos/cm@25 C

ORP Serial # _____ Mv

DO Calibrated to _____ @ _____

Weather conditions @ time of sampling: 40s, cloudy

COMMENTS AND OBSERVATIONS:

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocols.

Date: 3/25/2022

By: REighlin

Company: EETA

FIELD OBSERVATIONS

Facility: Pass & Seymour

Sample Point ID: BR09-37

Field Personnel: RE, AP

Sample Matrix: GW

SAMPLING INFORMATION:

Date/Time 2022 3-25 11:00

Method of Sampling: Bailer Dedicated: YES

Diameter of Well 2"

Well Depth (from top of PVC) 25.00'

Water Depth (from top of PVC) 16.72'

Length of water Column 8.28'

Purge Volume: LWC x 0.17 x 3= 4.50

Volume Purged 4.5 g.

Methane Reading 3-24-22

SAMPLING DATA: Salinity 1.18 ppt

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
<u>11:00</u>	<u>11.53</u>	<u>7.08</u>	<u>2.33</u>	<u>10.1</u>	<u>80.6</u>	<u>9.64</u>

INSTRUMENT CHECK DATA:

Turbidity 0.0 Serial #: _____

Turbidity 1.0 Serial #: _____

Turbidity 10.0 Serial #: _____

pH 4.0 Serial #: _____

pH 7.0 Serial #: _____

pH 10.0 Serial #: _____

HORIBA U-52

RENTED FROM AND

CALIBRATED BY

PINE ENVIRONMENTAL

Cond Serial #: _____ umhos/cm@25 C

ORP Serial # _____ Mv

DO Calibrated to _____ @ _____

Weather conditions @ time of sampling: 40s, cloudy

COMMENTS AND OBSERVATIONS: _____

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocols.

Date: 3/25/2022 By: REighlin Company: ETA

FIELD OBSERVATIONS

Facility: Pase, Seymour

Sample Point ID: BR 10-46

Field Personnel: RE, AP

Sample Matrix: GW

SAMPLING INFORMATION:

Date/Time 2022 3-25 10:12

Method of Sampling: Bailer Dedicated: YES

Diameter of Well 2"

Well Depth (from top of PVC) 25.5'

Water Depth (from top of PVC) 11.53

Length of water Column 13.97

Purge Volume: LWC x 0.17 x 3= 7.12

Volume Purged 7.2 g.

Methane Reading 3-54-22

SAMPLING DATA: Salinity: 0.56 ppt

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
10:12	11.35	7.39	1.13	14.8	85	14.68

INSTRUMENT CHECK DATA:

Turbidity 0.0 Serial #: _____

Turbidity 1.0 Serial #: _____

Turbidity 10.0 Serial #: _____

pH 4.0 Serial #: _____

pH 7.0 Serial #: _____

pH 10.0 Serial #: _____

HORIBA U-52

RENTED FROM AND

CALIBRATED BY

PINE ENVIRONMENTAL

Cond Serial #: _____ umhos/cm@25 C

ORP Serial # _____ Mv

DO Calibrated to _____ @ _____

Weather conditions @ time of sampling: 40s, cloudy

COMMENTS AND OBSERVATIONS: _____

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocols.

Date: 3/25/2022 By: REighlin Company: EETA

FIELD OBSERVATIONS

Facility: PASS, E' SEYMOUR

Sample Point ID: TW2-3

Field Personnel: RE, AP.

Sample Matrix: GW

SAMPLING INFORMATION:

Date/Time 2022 3-25, 08:53

Method of Sampling: Bailer Dedicated: YES

Diameter of Well 4"

Well Depth (from top of PVC) 35'

Water Depth (from top of PVC) 14.92

Length of water Column 20.08

Purge Volume: LWC x 0.17 x 3= 39.96

Volume Purged 40 g.

Methane Reading 3-24-22

SAMPLING DATA: Salinity: 1.00 ppt

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
08:53	12.70	7.2	1.96	8.7	184	21.75

INSTRUMENT CHECK DATA:

Turbidity 0.0 Serial #: _____

Turbidity 1.0 Serial #: _____

Turbidity 10.0 Serial #: _____

pH 4.0 Serial #: _____

pH 7.0 Serial #: _____

pH 10.0 Serial #: _____

HORIBA U-52

RENTED FROM AND

CALIBRATED BY

PINE ENVIRONMENTAL

Cond Serial #: _____ umhos/cm@25 C

ORP Serial # _____ Mv

DO Calibrated to _____ @ _____

Weather conditions @ time of sampling: 40s, cloudy

COMMENTS AND OBSERVATIONS: _____

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocols.

Date: 3/25/2022

By: REIGHAN

Company: ETA

FIELD OBSERVATIONS

Facility: Pass, Seymour

Sample Point ID: OW1-1

Field Personnel: RE, AP

Sample Matrix: GW

SAMPLING INFORMATION:

Date/Time 2022 3-25-10:45

Method of Sampling: Bailer Dedicated: YES

Diameter of Well 2"

Well Depth (from top of PVC) 28.1'

Water Depth (from top of PVC) 14.44'

Length of water Column 13.56'

Purge Volume: LWC x 0.17 x 3= 6.92

Volume Purged 7.9

Methane Reading 3-24-22

SAMPLING DATA: Salinity 0.56 ppt

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
10:45	12.65	7.39	1.13	14.8	85	14.68

INSTRUMENT CHECK DATA:

Turbidity 0.0 Serial #: _____

Turbidity 1.0 Serial #: _____

Turbidity 10.0 Serial #: _____

pH 4.0 Serial #: _____

pH 7.0 Serial #: _____

pH 10.0 Serial #: _____

HORIBA U-52

RENTED FROM AND

CALIBRATED BY

PINE ENVIRONMENTAL

Cond Serial #: _____ umhos/cm@25 C

ORP Serial # _____ Mv

DO Calibrated to _____ @ _____

Weather conditions @ time of sampling: 4/0s, cloudy

COMMENTS AND OBSERVATIONS:

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocols.

Date: 3/25/2022

By: REighlin

Company: EETA

FIELD OBSERVATIONS

Facility: Pass, E' Seymour

Sample Point ID: DW1-4

Field Personnel: RE, AP.

Sample Matrix: GW

SAMPLING INFORMATION:

Date/Time 2022 3-25 11:45

Method of Sampling: Bailer Dedicated: YES

Diameter of Well 2.11

Well Depth (from top of PVC) 28.00'

Water Depth (from top of PVC) 16.17

Length of water Column 11.83

Purge Volume: LWC x 0.17 x 3= 6.03

Volume Purged 6.03 g

Methane Reading 3-24-22

SAMPLING DATA: Salinity 0.50 ppt

Time	Temp. (°C)	pH (std units)	Conduct (Umhos/cm)	Turb. (NTU)	ORP Mv	DO (mg/l)
<u>11:45</u>	<u>12.18</u>	<u>6.98</u>	<u>1.02</u>	<u>16.8</u>	<u>84.6</u>	<u>30.07</u>

INSTRUMENT CHECK DATA:

Turbidity 0.0 Serial #: _____

Turbidity 1.0 Serial #: _____

Turbidity 10.0 Serial #: _____

pH 4.0 Serial #: _____

pH 7.0 Serial #: _____

pH 10.0 Serial #: _____

Cond Serial #: _____ umhos/cm@25 C

ORP Serial # _____ Mv

DO Calibrated to _____ @ _____

Weather conditions @ time of sampling: 40s, cloudy

COMMENTS AND OBSERVATIONS:

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocols.

Date: 3/25/2022

By: REighlin

Company: CETA

APPENDIX D

LABORATORY ANALYTICAL REPORT

ANALYTICAL REPORT

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

Laboratory Job ID: 480-196147-1

Client Project/Site: DW Stoner & Associates
Sampling Event: Quarterly GW Monitoring (3,6,12)

For:

DW Stoner and Associates, LLC
PO BOX 765
Long Lake, New York 12847

Attn: David W Stoner



Authorized for release by:

4/6/2022 4:02:31 PM

Wyatt Watson, Project Management Assistant I

Wyatt.Watson@et.eurofinsus.com

Designee for

Steve Hartmann, Project Manager

(413)572-4000

Steve.Hartmann@et.eurofinsus.com

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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.

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Definitions/Glossary

Client: DW Stoner and Associates, LLC
Project/Site: DW Stoner & Associates

Job ID: 480-196147-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
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.

Metals

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.

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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

Case Narrative

Client: DW Stoner and Associates, LLC
Project/Site: DW Stoner & Associates

Job ID: 480-196147-1

Job ID: 480-196147-1

Laboratory: Eurofins Buffalo

Narrative

Job Narrative 480-196147-1

Comments

No additional comments.

Receipt

The samples were received on 3/26/2022 10:00 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 was 2.8° C.

GC/MS VOA

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: BR09-37 (480-196147-1), BR10-46 (480-196147-3), OW1-1 (480-196147-7) and OW1-4 (480-196147-8). Elevated reporting limits (RLs) are provided.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-619532 recovered above the upper control limit for Chloromethane and Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: BR09-39 (480-196147-2), BR10-47 (480-196147-4), IW2-1 (480-196147-5) and IW2-3 (480-196147-6).

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: BR09-39 (480-196147-2), BR10-46 (480-196147-3), BR10-47 (480-196147-4), OW1-1 (480-196147-7), (480-196147-F-3 MS) and (480-196147-F-3 MSD). Elevated reporting limits (RLs) are provided.

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

Metals

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

General Chemistry

Method 9060A: The results reported for the following sample do not concur with results previously reported for this site: IW2-1 (480-196147-5). Reanalysis was performed, and the result(s) confirmed.

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

Detection Summary

Client: DW Stoner and Associates, LLC
Project/Site: DW Stoner & Associates

Job ID: 480-196147-1

Client Sample ID: BR09-37

Lab Sample ID: 480-196147-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4800		800	650	ug/L	800		8260C	Total/NA
Trichloroethene	65000		800	370	ug/L	800		8260C	Total/NA
Iron	0.45		0.050	0.019	mg/L	1		6010C	Total/NA
Manganese	0.34		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nitrate as N	1.4		0.050	0.020	mg/L	1		353.2	Total/NA
Chemical Oxygen Demand	47.4		10.0	5.0	mg/L	1		410.4	Total/NA
Total Organic Carbon - Quad	1.7		1.0	0.43	mg/L	1		9060A	Total/NA

Client Sample ID: BR09-39

Lab Sample ID: 480-196147-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	9.0		5.0	4.1	ug/L	5		8260C	Total/NA
Tetrachloroethene	2.6	J	5.0	1.8	ug/L	5		8260C	Total/NA
Trichloroethene	160		5.0	2.3	ug/L	5		8260C	Total/NA
Iron	0.20		0.050	0.019	mg/L	1		6010C	Total/NA
Manganese	0.087		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nitrate as N	2.9		0.050	0.020	mg/L	1		353.2	Total/NA
Chemical Oxygen Demand	42.5		10.0	5.0	mg/L	1		410.4	Total/NA
Total Organic Carbon - Quad	1.3		1.0	0.43	mg/L	1		9060A	Total/NA

Client Sample ID: BR10-46

Lab Sample ID: 480-196147-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.91	J	1.0	0.29	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	86		1.0	0.81	ug/L	1		8260C	Total/NA
Tetrachloroethene	1.0		1.0	0.36	ug/L	1		8260C	Total/NA
Trichloroethene - DL	560	F1	10	4.6	ug/L	10		8260C	Total/NA
Iron	0.79		0.050	0.019	mg/L	1		6010C	Total/NA
Manganese	0.52		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nitrate as N	0.55		0.050	0.020	mg/L	1		353.2	Total/NA
Chemical Oxygen Demand	50.5		10.0	5.0	mg/L	1		410.4	Total/NA
Total Organic Carbon - Quad	5.7		1.0	0.43	mg/L	1		9060A	Total/NA

Client Sample ID: BR10-47

Lab Sample ID: 480-196147-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	41		8.0	6.5	ug/L	8		8260C	Total/NA
Trichloroethene	450		8.0	3.7	ug/L	8		8260C	Total/NA
Iron	2.5		0.050	0.019	mg/L	1		6010C	Total/NA
Manganese	3.0		0.0030	0.00040	mg/L	1		6010C	Total/NA
Manganese	0.0015	J	0.0030	0.00040	mg/L	1		6010C	Dissolved
Nitrate as N	3.8		0.050	0.020	mg/L	1		353.2	Total/NA
Chemical Oxygen Demand	38.7		10.0	5.0	mg/L	1		410.4	Total/NA
Total Organic Carbon - Quad	1.4		1.0	0.43	mg/L	1		9060A	Total/NA

Client Sample ID: IW2-1

Lab Sample ID: 480-196147-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.1		1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene	15		1.0	0.46	ug/L	1		8260C	Total/NA
Iron	2.8		0.050	0.019	mg/L	1		6010C	Total/NA
Manganese	0.065		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nitrate as N	0.46		0.050	0.020	mg/L	1		353.2	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Detection Summary

Client: DW Stoner and Associates, LLC
Project/Site: DW Stoner & Associates

Job ID: 480-196147-1

Client Sample ID: IW2-1 (Continued)

Lab Sample ID: 480-196147-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chemical Oxygen Demand	61.8		10.0	5.0	mg/L	1		410.4	Total/NA
Total Organic Carbon - Quad	2.0		1.0	0.43	mg/L	1		9060A	Total/NA

Client Sample ID: IW2-3

Lab Sample ID: 480-196147-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.3		1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene	27		1.0	0.46	ug/L	1		8260C	Total/NA
Iron	0.098		0.050	0.019	mg/L	1		6010C	Total/NA
Manganese	0.059		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nitrate as N	2.8		0.050	0.020	mg/L	1		353.2	Total/NA
Chemical Oxygen Demand	46.2	F1	10.0	5.0	mg/L	1		410.4	Total/NA
Total Organic Carbon - Quad	2.6		1.0	0.43	mg/L	1		9060A	Total/NA

Client Sample ID: OW1-1

Lab Sample ID: 480-196147-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.52	J	1.0	0.29	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	11		1.0	0.81	ug/L	1		8260C	Total/NA
Tetrachloroethene	3.2		1.0	0.36	ug/L	1		8260C	Total/NA
trans-1,2-Dichloroethene	1.2		1.0	0.90	ug/L	1		8260C	Total/NA
Trichloroethene - DL	330		8.0	3.7	ug/L	8		8260C	Total/NA
Iron	0.74		0.050	0.019	mg/L	1		6010C	Total/NA
Manganese	0.061		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nitrate as N	5.7		0.050	0.020	mg/L	1		353.2	Total/NA
Chemical Oxygen Demand	41.0		10.0	5.0	mg/L	1		410.4	Total/NA
Total Organic Carbon - Quad	1.8		1.0	0.43	mg/L	1		9060A	Total/NA

Client Sample ID: OW1-4

Lab Sample ID: 480-196147-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	17		8.0	6.5	ug/L	8		8260C	Total/NA
Trichloroethene	400		8.0	3.7	ug/L	8		8260C	Total/NA
Iron	1.8		0.050	0.019	mg/L	1		6010C	Total/NA
Manganese	0.45		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nitrate as N	1.9		0.050	0.020	mg/L	1		353.2	Total/NA
Chemical Oxygen Demand	43.3		10.0	5.0	mg/L	1		410.4	Total/NA
Total Organic Carbon - Quad	1.6		1.0	0.43	mg/L	1		9060A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample Results

Client: DW Stoner and Associates, LLC
Project/Site: DW Stoner & Associates

Job ID: 480-196147-1

Client Sample ID: BR09-37

Lab Sample ID: 480-196147-1

Date Collected: 03/25/22 11:00

Matrix: Ground Water

Date Received: 03/26/22 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		800	660	ug/L			03/28/22 20:48	800
1,1,2,2-Tetrachloroethane	ND		800	170	ug/L			03/28/22 20:48	800
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		800	250	ug/L			03/28/22 20:48	800
1,1,2-Trichloroethane	ND		800	180	ug/L			03/28/22 20:48	800
1,1-Dichloroethane	ND		800	300	ug/L			03/28/22 20:48	800
1,1-Dichloroethene	ND		800	230	ug/L			03/28/22 20:48	800
1,2,4-Trichlorobenzene	ND		800	330	ug/L			03/28/22 20:48	800
1,2-Dibromo-3-Chloropropane	ND		800	310	ug/L			03/28/22 20:48	800
1,2-Dibromoethane	ND		800	580	ug/L			03/28/22 20:48	800
1,2-Dichlorobenzene	ND		800	630	ug/L			03/28/22 20:48	800
1,2-Dichloroethane	ND		800	170	ug/L			03/28/22 20:48	800
1,2-Dichloropropane	ND		800	580	ug/L			03/28/22 20:48	800
1,3-Dichlorobenzene	ND		800	620	ug/L			03/28/22 20:48	800
1,4-Dichlorobenzene	ND		800	670	ug/L			03/28/22 20:48	800
2-Butanone (MEK)	ND		8000	1100	ug/L			03/28/22 20:48	800
2-Hexanone	ND		4000	990	ug/L			03/28/22 20:48	800
4-Methyl-2-pentanone (MIBK)	ND		4000	1700	ug/L			03/28/22 20:48	800
Acetone	ND		8000	2400	ug/L			03/28/22 20:48	800
Benzene	ND		800	330	ug/L			03/28/22 20:48	800
Bromodichloromethane	ND		800	310	ug/L			03/28/22 20:48	800
Bromoform	ND		800	210	ug/L			03/28/22 20:48	800
Bromomethane	ND		800	550	ug/L			03/28/22 20:48	800
Carbon disulfide	ND		800	150	ug/L			03/28/22 20:48	800
Carbon tetrachloride	ND		800	220	ug/L			03/28/22 20:48	800
Chlorobenzene	ND		800	600	ug/L			03/28/22 20:48	800
Chloroethane	ND		800	260	ug/L			03/28/22 20:48	800
Chloroform	ND		800	270	ug/L			03/28/22 20:48	800
Chloromethane	ND		800	280	ug/L			03/28/22 20:48	800
cis-1,2-Dichloroethene	4800		800	650	ug/L			03/28/22 20:48	800
cis-1,3-Dichloropropene	ND		800	290	ug/L			03/28/22 20:48	800
Cyclohexane	ND		800	140	ug/L			03/28/22 20:48	800
Dibromochloromethane	ND		800	260	ug/L			03/28/22 20:48	800
Dichlorodifluoromethane	ND		800	540	ug/L			03/28/22 20:48	800
Ethylbenzene	ND		800	590	ug/L			03/28/22 20:48	800
Isopropylbenzene	ND		800	630	ug/L			03/28/22 20:48	800
Methyl acetate	ND		2000	1000	ug/L			03/28/22 20:48	800
Methyl tert-butyl ether	ND		800	130	ug/L			03/28/22 20:48	800
Methylcyclohexane	ND		800	130	ug/L			03/28/22 20:48	800
Methylene Chloride	ND		800	350	ug/L			03/28/22 20:48	800
Styrene	ND		800	580	ug/L			03/28/22 20:48	800
Tetrachloroethene	ND		800	290	ug/L			03/28/22 20:48	800
Toluene	ND		800	410	ug/L			03/28/22 20:48	800
trans-1,2-Dichloroethene	ND		800	720	ug/L			03/28/22 20:48	800
trans-1,3-Dichloropropene	ND		800	300	ug/L			03/28/22 20:48	800
Trichloroethene	65000		800	370	ug/L			03/28/22 20:48	800
Trichlorofluoromethane	ND		800	700	ug/L			03/28/22 20:48	800
Vinyl chloride	ND		800	720	ug/L			03/28/22 20:48	800
Xylenes, Total	ND		1600	530	ug/L			03/28/22 20:48	800

Eurofins Buffalo

Client Sample Results

Client: DW Stoner and Associates, LLC
Project/Site: DW Stoner & Associates

Job ID: 480-196147-1

Client Sample ID: BR09-37

Lab Sample ID: 480-196147-1

Date Collected: 03/25/22 11:00

Matrix: Ground Water

Date Received: 03/26/22 10:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		77 - 120		03/28/22 20:48	800
4-Bromofluorobenzene (Surr)	89		73 - 120		03/28/22 20:48	800
Toluene-d8 (Surr)	94		80 - 120		03/28/22 20:48	800
Dibromofluoromethane (Surr)	112		75 - 123		03/28/22 20:48	800

Method: 6010C - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.45		0.050	0.019	mg/L		03/29/22 10:02	04/01/22 19:38	1
Manganese	0.34		0.0030	0.00040	mg/L		03/29/22 10:02	03/31/22 03:26	1

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	1.4		0.050	0.020	mg/L			03/26/22 16:49	1
Chemical Oxygen Demand	47.4		10.0	5.0	mg/L			03/31/22 23:34	1
Total Organic Carbon - Quad	1.7		1.0	0.43	mg/L			03/29/22 20:47	1

Client Sample Results

Client: DW Stoner and Associates, LLC
Project/Site: DW Stoner & Associates

Job ID: 480-196147-1

Client Sample ID: BR09-39

Lab Sample ID: 480-196147-2

Date Collected: 03/25/22 10:38

Matrix: Ground Water

Date Received: 03/26/22 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	4.1	ug/L			03/29/22 19:30	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			03/29/22 19:30	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6	ug/L			03/29/22 19:30	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			03/29/22 19:30	5
1,1-Dichloroethane	ND		5.0	1.9	ug/L			03/29/22 19:30	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			03/29/22 19:30	5
1,2,4-Trichlorobenzene	ND		5.0	2.1	ug/L			03/29/22 19:30	5
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/L			03/29/22 19:30	5
1,2-Dibromoethane	ND		5.0	3.7	ug/L			03/29/22 19:30	5
1,2-Dichlorobenzene	ND		5.0	4.0	ug/L			03/29/22 19:30	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			03/29/22 19:30	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			03/29/22 19:30	5
1,3-Dichlorobenzene	ND		5.0	3.9	ug/L			03/29/22 19:30	5
1,4-Dichlorobenzene	ND		5.0	4.2	ug/L			03/29/22 19:30	5
2-Butanone (MEK)	ND		50	6.6	ug/L			03/29/22 19:30	5
2-Hexanone	ND		25	6.2	ug/L			03/29/22 19:30	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			03/29/22 19:30	5
Acetone	ND		50	15	ug/L			03/29/22 19:30	5
Benzene	ND		5.0	2.1	ug/L			03/29/22 19:30	5
Bromodichloromethane	ND		5.0	2.0	ug/L			03/29/22 19:30	5
Bromoform	ND		5.0	1.3	ug/L			03/29/22 19:30	5
Bromomethane	ND		5.0	3.5	ug/L			03/29/22 19:30	5
Carbon disulfide	ND		5.0	0.95	ug/L			03/29/22 19:30	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			03/29/22 19:30	5
Chlorobenzene	ND		5.0	3.8	ug/L			03/29/22 19:30	5
Chloroethane	ND		5.0	1.6	ug/L			03/29/22 19:30	5
Chloroform	ND		5.0	1.7	ug/L			03/29/22 19:30	5
Chloromethane	ND		5.0	1.8	ug/L			03/29/22 19:30	5
cis-1,2-Dichloroethene	9.0		5.0	4.1	ug/L			03/29/22 19:30	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			03/29/22 19:30	5
Cyclohexane	ND		5.0	0.90	ug/L			03/29/22 19:30	5
Dibromochloromethane	ND		5.0	1.6	ug/L			03/29/22 19:30	5
Dichlorodifluoromethane	ND		5.0	3.4	ug/L			03/29/22 19:30	5
Ethylbenzene	ND		5.0	3.7	ug/L			03/29/22 19:30	5
Isopropylbenzene	ND		5.0	4.0	ug/L			03/29/22 19:30	5
Methyl acetate	ND		13	6.5	ug/L			03/29/22 19:30	5
Methyl tert-butyl ether	ND		5.0	0.80	ug/L			03/29/22 19:30	5
Methylcyclohexane	ND		5.0	0.80	ug/L			03/29/22 19:30	5
Methylene Chloride	ND		5.0	2.2	ug/L			03/29/22 19:30	5
Styrene	ND		5.0	3.7	ug/L			03/29/22 19:30	5
Tetrachloroethene	2.6 J		5.0	1.8	ug/L			03/29/22 19:30	5
Toluene	ND		5.0	2.6	ug/L			03/29/22 19:30	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			03/29/22 19:30	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			03/29/22 19:30	5
Trichloroethene	160		5.0	2.3	ug/L			03/29/22 19:30	5
Trichlorofluoromethane	ND		5.0	4.4	ug/L			03/29/22 19:30	5
Vinyl chloride	ND		5.0	4.5	ug/L			03/29/22 19:30	5
Xylenes, Total	ND		10	3.3	ug/L			03/29/22 19:30	5

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Client Sample Results

Client: DW Stoner and Associates, LLC
Project/Site: DW Stoner & Associates

Job ID: 480-196147-1

Client Sample ID: BR09-39

Date Collected: 03/25/22 10:38

Date Received: 03/26/22 10:00

Lab Sample ID: 480-196147-2

Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		77 - 120		03/29/22 19:30	5
4-Bromofluorobenzene (Surr)	94		73 - 120		03/29/22 19:30	5
Toluene-d8 (Surr)	94		80 - 120		03/29/22 19:30	5
Dibromofluoromethane (Surr)	106		75 - 123		03/29/22 19:30	5

Method: 6010C - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.20		0.050	0.019	mg/L		03/29/22 10:02	04/01/22 19:53	1
Manganese	0.087		0.0030	0.00040	mg/L		03/29/22 10:02	03/31/22 03:30	1

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	2.9		0.050	0.020	mg/L			03/26/22 16:50	1
Chemical Oxygen Demand	42.5		10.0	5.0	mg/L			03/31/22 23:34	1
Total Organic Carbon - Quad	1.3		1.0	0.43	mg/L			03/29/22 21:16	1

Client Sample Results

Client: DW Stoner and Associates, LLC
Project/Site: DW Stoner & Associates

Job ID: 480-196147-1

Client Sample ID: BR10-46

Lab Sample ID: 480-196147-3

Date Collected: 03/25/22 10:12

Matrix: Ground Water

Date Received: 03/26/22 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/28/22 13:47	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/28/22 13:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/28/22 13:47	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/28/22 13:47	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/28/22 13:47	1
1,1-Dichloroethene	0.91	J	1.0	0.29	ug/L			03/28/22 13:47	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/28/22 13:47	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/28/22 13:47	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/28/22 13:47	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/28/22 13:47	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/28/22 13:47	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/28/22 13:47	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/28/22 13:47	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/28/22 13:47	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/28/22 13:47	1
2-Hexanone	ND		5.0	1.2	ug/L			03/28/22 13:47	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/28/22 13:47	1
Acetone	ND		10	3.0	ug/L			03/28/22 13:47	1
Benzene	ND		1.0	0.41	ug/L			03/28/22 13:47	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/28/22 13:47	1
Bromoform	ND		1.0	0.26	ug/L			03/28/22 13:47	1
Bromomethane	ND		1.0	0.69	ug/L			03/28/22 13:47	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/28/22 13:47	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/28/22 13:47	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/28/22 13:47	1
Chloroethane	ND		1.0	0.32	ug/L			03/28/22 13:47	1
Chloroform	ND		1.0	0.34	ug/L			03/28/22 13:47	1
Chloromethane	ND		1.0	0.35	ug/L			03/28/22 13:47	1
cis-1,2-Dichloroethene	86		1.0	0.81	ug/L			03/28/22 13:47	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/28/22 13:47	1
Cyclohexane	ND		1.0	0.18	ug/L			03/28/22 13:47	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/28/22 13:47	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/28/22 13:47	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/28/22 13:47	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/28/22 13:47	1
Methyl acetate	ND		2.5	1.3	ug/L			03/28/22 13:47	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/28/22 13:47	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/28/22 13:47	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/28/22 13:47	1
Styrene	ND		1.0	0.73	ug/L			03/28/22 13:47	1
Tetrachloroethene	1.0		1.0	0.36	ug/L			03/28/22 13:47	1
Toluene	ND		1.0	0.51	ug/L			03/28/22 13:47	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/28/22 13:47	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/28/22 13:47	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/28/22 13:47	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/28/22 13:47	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/28/22 13:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		77 - 120		03/28/22 13:47	1

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Client Sample Results

Client: DW Stoner and Associates, LLC
Project/Site: DW Stoner & Associates

Job ID: 480-196147-1

Client Sample ID: BR10-46

Lab Sample ID: 480-196147-3

Date Collected: 03/25/22 10:12

Matrix: Ground Water

Date Received: 03/26/22 10:00

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		73 - 120		03/28/22 13:47	1
Toluene-d8 (Surr)	99		80 - 120		03/28/22 13:47	1
Dibromofluoromethane (Surr)	113		75 - 123		03/28/22 13:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	560	F1	10	4.6	ug/L			03/29/22 19:52	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		77 - 120		03/29/22 19:52	10
4-Bromofluorobenzene (Surr)	87		73 - 120		03/29/22 19:52	10
Toluene-d8 (Surr)	98		80 - 120		03/29/22 19:52	10
Dibromofluoromethane (Surr)	107		75 - 123		03/29/22 19:52	10

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.79		0.050	0.019	mg/L		03/29/22 10:02	04/01/22 20:11	1
Manganese	0.52		0.0030	0.00040	mg/L		03/29/22 10:02	03/31/22 04:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.55		0.050	0.020	mg/L			03/26/22 16:46	1
Chemical Oxygen Demand	50.5		10.0	5.0	mg/L			03/31/22 23:34	1
Total Organic Carbon - Quad	5.7		1.0	0.43	mg/L			03/29/22 21:45	1

Client Sample Results

Client: DW Stoner and Associates, LLC
Project/Site: DW Stoner & Associates

Job ID: 480-196147-1

Client Sample ID: BR10-47

Lab Sample ID: 480-196147-4

Date Collected: 03/25/22 12:00

Matrix: Ground Water

Date Received: 03/26/22 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		8.0	6.6	ug/L			03/29/22 20:14	8
1,1,2,2-Tetrachloroethane	ND		8.0	1.7	ug/L			03/29/22 20:14	8
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.0	2.5	ug/L			03/29/22 20:14	8
1,1,2-Trichloroethane	ND		8.0	1.8	ug/L			03/29/22 20:14	8
1,1-Dichloroethane	ND		8.0	3.0	ug/L			03/29/22 20:14	8
1,1-Dichloroethene	ND		8.0	2.3	ug/L			03/29/22 20:14	8
1,2,4-Trichlorobenzene	ND		8.0	3.3	ug/L			03/29/22 20:14	8
1,2-Dibromo-3-Chloropropane	ND		8.0	3.1	ug/L			03/29/22 20:14	8
1,2-Dibromoethane	ND		8.0	5.8	ug/L			03/29/22 20:14	8
1,2-Dichlorobenzene	ND		8.0	6.3	ug/L			03/29/22 20:14	8
1,2-Dichloroethane	ND		8.0	1.7	ug/L			03/29/22 20:14	8
1,2-Dichloropropane	ND		8.0	5.8	ug/L			03/29/22 20:14	8
1,3-Dichlorobenzene	ND		8.0	6.2	ug/L			03/29/22 20:14	8
1,4-Dichlorobenzene	ND		8.0	6.7	ug/L			03/29/22 20:14	8
2-Butanone (MEK)	ND		80	11	ug/L			03/29/22 20:14	8
2-Hexanone	ND		40	9.9	ug/L			03/29/22 20:14	8
4-Methyl-2-pentanone (MIBK)	ND		40	17	ug/L			03/29/22 20:14	8
Acetone	ND		80	24	ug/L			03/29/22 20:14	8
Benzene	ND		8.0	3.3	ug/L			03/29/22 20:14	8
Bromodichloromethane	ND		8.0	3.1	ug/L			03/29/22 20:14	8
Bromoform	ND		8.0	2.1	ug/L			03/29/22 20:14	8
Bromomethane	ND		8.0	5.5	ug/L			03/29/22 20:14	8
Carbon disulfide	ND		8.0	1.5	ug/L			03/29/22 20:14	8
Carbon tetrachloride	ND		8.0	2.2	ug/L			03/29/22 20:14	8
Chlorobenzene	ND		8.0	6.0	ug/L			03/29/22 20:14	8
Chloroethane	ND		8.0	2.6	ug/L			03/29/22 20:14	8
Chloroform	ND		8.0	2.7	ug/L			03/29/22 20:14	8
Chloromethane	ND		8.0	2.8	ug/L			03/29/22 20:14	8
cis-1,2-Dichloroethene	41		8.0	6.5	ug/L			03/29/22 20:14	8
cis-1,3-Dichloropropene	ND		8.0	2.9	ug/L			03/29/22 20:14	8
Cyclohexane	ND		8.0	1.4	ug/L			03/29/22 20:14	8
Dibromochloromethane	ND		8.0	2.6	ug/L			03/29/22 20:14	8
Dichlorodifluoromethane	ND		8.0	5.4	ug/L			03/29/22 20:14	8
Ethylbenzene	ND		8.0	5.9	ug/L			03/29/22 20:14	8
Isopropylbenzene	ND		8.0	6.3	ug/L			03/29/22 20:14	8
Methyl acetate	ND		20	10	ug/L			03/29/22 20:14	8
Methyl tert-butyl ether	ND		8.0	1.3	ug/L			03/29/22 20:14	8
Methylcyclohexane	ND		8.0	1.3	ug/L			03/29/22 20:14	8
Methylene Chloride	ND		8.0	3.5	ug/L			03/29/22 20:14	8
Styrene	ND		8.0	5.8	ug/L			03/29/22 20:14	8
Tetrachloroethene	ND		8.0	2.9	ug/L			03/29/22 20:14	8
Toluene	ND		8.0	4.1	ug/L			03/29/22 20:14	8
trans-1,2-Dichloroethene	ND		8.0	7.2	ug/L			03/29/22 20:14	8
trans-1,3-Dichloropropene	ND		8.0	3.0	ug/L			03/29/22 20:14	8
Trichloroethene	450		8.0	3.7	ug/L			03/29/22 20:14	8
Trichlorofluoromethane	ND		8.0	7.0	ug/L			03/29/22 20:14	8
Vinyl chloride	ND		8.0	7.2	ug/L			03/29/22 20:14	8
Xylenes, Total	ND		16	5.3	ug/L			03/29/22 20:14	8

Eurofins Buffalo

Client Sample Results

Client: DW Stoner and Associates, LLC
Project/Site: DW Stoner & Associates

Job ID: 480-196147-1

Client Sample ID: BR10-47

Date Collected: 03/25/22 12:00

Date Received: 03/26/22 10:00

Lab Sample ID: 480-196147-4

Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		77 - 120		03/29/22 20:14	8
4-Bromofluorobenzene (Surr)	89		73 - 120		03/29/22 20:14	8
Toluene-d8 (Surr)	95		80 - 120		03/29/22 20:14	8
Dibromofluoromethane (Surr)	106		75 - 123		03/29/22 20:14	8

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	2.5		0.050	0.019	mg/L		03/29/22 10:02	04/01/22 20:15	1
Manganese	3.0		0.0030	0.00040	mg/L		03/29/22 10:02	03/31/22 04:04	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.050	0.019	mg/L		04/04/22 12:41	04/05/22 00:46	1
Manganese	0.0015	J	0.0030	0.00040	mg/L		04/04/22 12:41	04/05/22 00:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	3.8		0.050	0.020	mg/L			03/26/22 16:51	1
Chemical Oxygen Demand	38.7		10.0	5.0	mg/L			03/31/22 23:34	1
Total Organic Carbon - Quad	1.4		1.0	0.43	mg/L			03/29/22 22:14	1

Client Sample Results

Client: DW Stoner and Associates, LLC
Project/Site: DW Stoner & Associates

Job ID: 480-196147-1

Client Sample ID: IW2-1

Lab Sample ID: 480-196147-5

Date Collected: 03/25/22 09:25

Matrix: Ground Water

Date Received: 03/26/22 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/29/22 20:35	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/29/22 20:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/29/22 20:35	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/29/22 20:35	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/29/22 20:35	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/29/22 20:35	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/29/22 20:35	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/29/22 20:35	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/29/22 20:35	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/29/22 20:35	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/29/22 20:35	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/29/22 20:35	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/29/22 20:35	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/29/22 20:35	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/29/22 20:35	1
2-Hexanone	ND		5.0	1.2	ug/L			03/29/22 20:35	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/29/22 20:35	1
Acetone	ND		10	3.0	ug/L			03/29/22 20:35	1
Benzene	ND		1.0	0.41	ug/L			03/29/22 20:35	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/29/22 20:35	1
Bromoform	ND		1.0	0.26	ug/L			03/29/22 20:35	1
Bromomethane	ND		1.0	0.69	ug/L			03/29/22 20:35	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/29/22 20:35	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/29/22 20:35	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/29/22 20:35	1
Chloroethane	ND		1.0	0.32	ug/L			03/29/22 20:35	1
Chloroform	ND		1.0	0.34	ug/L			03/29/22 20:35	1
Chloromethane	ND		1.0	0.35	ug/L			03/29/22 20:35	1
cis-1,2-Dichloroethene	2.1		1.0	0.81	ug/L			03/29/22 20:35	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/29/22 20:35	1
Cyclohexane	ND		1.0	0.18	ug/L			03/29/22 20:35	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/29/22 20:35	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/29/22 20:35	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/29/22 20:35	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/29/22 20:35	1
Methyl acetate	ND		2.5	1.3	ug/L			03/29/22 20:35	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/29/22 20:35	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/29/22 20:35	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/29/22 20:35	1
Styrene	ND		1.0	0.73	ug/L			03/29/22 20:35	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/29/22 20:35	1
Toluene	ND		1.0	0.51	ug/L			03/29/22 20:35	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/29/22 20:35	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/29/22 20:35	1
Trichloroethene	15		1.0	0.46	ug/L			03/29/22 20:35	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/29/22 20:35	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/29/22 20:35	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/29/22 20:35	1

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Client Sample Results

Client: DW Stoner and Associates, LLC
Project/Site: DW Stoner & Associates

Job ID: 480-196147-1

Client Sample ID: IW2-1

Lab Sample ID: 480-196147-5

Date Collected: 03/25/22 09:25

Matrix: Ground Water

Date Received: 03/26/22 10:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		77 - 120		03/29/22 20:35	1
4-Bromofluorobenzene (Surr)	85		73 - 120		03/29/22 20:35	1
Toluene-d8 (Surr)	97		80 - 120		03/29/22 20:35	1
Dibromofluoromethane (Surr)	111		75 - 123		03/29/22 20:35	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	2.8		0.050	0.019	mg/L		03/29/22 10:02	04/01/22 20:18	1
Manganese	0.065		0.0030	0.00040	mg/L		03/29/22 10:02	03/31/22 04:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.46		0.050	0.020	mg/L			03/26/22 16:57	1
Chemical Oxygen Demand	61.8		10.0	5.0	mg/L			03/31/22 23:34	1
Total Organic Carbon - Quad	2.0		1.0	0.43	mg/L			04/01/22 04:04	1

Client Sample Results

Client: DW Stoner and Associates, LLC
Project/Site: DW Stoner & Associates

Job ID: 480-196147-1

Client Sample ID: IW2-3

Lab Sample ID: 480-196147-6

Date Collected: 03/25/22 08:53

Matrix: Ground Water

Date Received: 03/26/22 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/29/22 20:57	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/29/22 20:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/29/22 20:57	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/29/22 20:57	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/29/22 20:57	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/29/22 20:57	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/29/22 20:57	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/29/22 20:57	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/29/22 20:57	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/29/22 20:57	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/29/22 20:57	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/29/22 20:57	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/29/22 20:57	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/29/22 20:57	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/29/22 20:57	1
2-Hexanone	ND		5.0	1.2	ug/L			03/29/22 20:57	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/29/22 20:57	1
Acetone	ND		10	3.0	ug/L			03/29/22 20:57	1
Benzene	ND		1.0	0.41	ug/L			03/29/22 20:57	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/29/22 20:57	1
Bromoform	ND		1.0	0.26	ug/L			03/29/22 20:57	1
Bromomethane	ND		1.0	0.69	ug/L			03/29/22 20:57	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/29/22 20:57	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/29/22 20:57	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/29/22 20:57	1
Chloroethane	ND		1.0	0.32	ug/L			03/29/22 20:57	1
Chloroform	ND		1.0	0.34	ug/L			03/29/22 20:57	1
Chloromethane	ND		1.0	0.35	ug/L			03/29/22 20:57	1
cis-1,2-Dichloroethene	2.3		1.0	0.81	ug/L			03/29/22 20:57	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/29/22 20:57	1
Cyclohexane	ND		1.0	0.18	ug/L			03/29/22 20:57	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/29/22 20:57	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/29/22 20:57	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/29/22 20:57	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/29/22 20:57	1
Methyl acetate	ND		2.5	1.3	ug/L			03/29/22 20:57	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/29/22 20:57	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/29/22 20:57	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/29/22 20:57	1
Styrene	ND		1.0	0.73	ug/L			03/29/22 20:57	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/29/22 20:57	1
Toluene	ND		1.0	0.51	ug/L			03/29/22 20:57	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/29/22 20:57	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/29/22 20:57	1
Trichloroethene	27		1.0	0.46	ug/L			03/29/22 20:57	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/29/22 20:57	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/29/22 20:57	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/29/22 20:57	1

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Client Sample Results

Client: DW Stoner and Associates, LLC
Project/Site: DW Stoner & Associates

Job ID: 480-196147-1

Client Sample ID: IW2-3

Lab Sample ID: 480-196147-6

Date Collected: 03/25/22 08:53

Matrix: Ground Water

Date Received: 03/26/22 10:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		77 - 120		03/29/22 20:57	1
4-Bromofluorobenzene (Surr)	87		73 - 120		03/29/22 20:57	1
Toluene-d8 (Surr)	98		80 - 120		03/29/22 20:57	1
Dibromofluoromethane (Surr)	113		75 - 123		03/29/22 20:57	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.098		0.050	0.019	mg/L		03/29/22 10:02	04/01/22 20:22	1
Manganese	0.059		0.0030	0.00040	mg/L		03/29/22 10:02	03/31/22 04:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	2.8		0.050	0.020	mg/L			03/26/22 16:43	1
Chemical Oxygen Demand	46.2	F1	10.0	5.0	mg/L			03/31/22 23:34	1
Total Organic Carbon - Quad	2.6		1.0	0.43	mg/L			03/30/22 00:37	1

Client Sample Results

Client: DW Stoner and Associates, LLC
Project/Site: DW Stoner & Associates

Job ID: 480-196147-1

Client Sample ID: OW1-1

Lab Sample ID: 480-196147-7

Date Collected: 03/25/22 10:45

Matrix: Ground Water

Date Received: 03/26/22 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/28/22 15:16	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/28/22 15:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/28/22 15:16	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/28/22 15:16	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/28/22 15:16	1
1,1-Dichloroethene	0.52	J	1.0	0.29	ug/L			03/28/22 15:16	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/28/22 15:16	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/28/22 15:16	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/28/22 15:16	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/28/22 15:16	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/28/22 15:16	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/28/22 15:16	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/28/22 15:16	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/28/22 15:16	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/28/22 15:16	1
2-Hexanone	ND		5.0	1.2	ug/L			03/28/22 15:16	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/28/22 15:16	1
Acetone	ND		10	3.0	ug/L			03/28/22 15:16	1
Benzene	ND		1.0	0.41	ug/L			03/28/22 15:16	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/28/22 15:16	1
Bromoform	ND		1.0	0.26	ug/L			03/28/22 15:16	1
Bromomethane	ND		1.0	0.69	ug/L			03/28/22 15:16	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/28/22 15:16	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/28/22 15:16	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/28/22 15:16	1
Chloroethane	ND		1.0	0.32	ug/L			03/28/22 15:16	1
Chloroform	ND		1.0	0.34	ug/L			03/28/22 15:16	1
Chloromethane	ND		1.0	0.35	ug/L			03/28/22 15:16	1
cis-1,2-Dichloroethene	11		1.0	0.81	ug/L			03/28/22 15:16	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/28/22 15:16	1
Cyclohexane	ND		1.0	0.18	ug/L			03/28/22 15:16	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/28/22 15:16	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/28/22 15:16	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/28/22 15:16	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/28/22 15:16	1
Methyl acetate	ND		2.5	1.3	ug/L			03/28/22 15:16	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/28/22 15:16	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/28/22 15:16	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/28/22 15:16	1
Styrene	ND		1.0	0.73	ug/L			03/28/22 15:16	1
Tetrachloroethene	3.2		1.0	0.36	ug/L			03/28/22 15:16	1
Toluene	ND		1.0	0.51	ug/L			03/28/22 15:16	1
trans-1,2-Dichloroethene	1.2		1.0	0.90	ug/L			03/28/22 15:16	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/28/22 15:16	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/28/22 15:16	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/28/22 15:16	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/28/22 15:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		77 - 120		03/28/22 15:16	1

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Client Sample Results

Client: DW Stoner and Associates, LLC
Project/Site: DW Stoner & Associates

Job ID: 480-196147-1

Client Sample ID: OW1-1

Date Collected: 03/25/22 10:45

Date Received: 03/26/22 10:00

Lab Sample ID: 480-196147-7

Matrix: Ground Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		73 - 120		03/28/22 15:16	1
Toluene-d8 (Surr)	95		80 - 120		03/28/22 15:16	1
Dibromofluoromethane (Surr)	112		75 - 123		03/28/22 15:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	330		8.0	3.7	ug/L			03/29/22 21:19	8

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		77 - 120		03/29/22 21:19	8
4-Bromofluorobenzene (Surr)	90		73 - 120		03/29/22 21:19	8
Toluene-d8 (Surr)	95		80 - 120		03/29/22 21:19	8
Dibromofluoromethane (Surr)	109		75 - 123		03/29/22 21:19	8

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.74		0.050	0.019	mg/L		03/29/22 10:02	04/01/22 20:37	1
Manganese	0.061		0.0030	0.00040	mg/L		03/29/22 10:02	03/31/22 04:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	5.7		0.050	0.020	mg/L			03/26/22 16:53	1
Chemical Oxygen Demand	41.0		10.0	5.0	mg/L			03/31/22 23:34	1
Total Organic Carbon - Quad	1.8		1.0	0.43	mg/L			03/30/22 01:34	1

Client Sample Results

Client: DW Stoner and Associates, LLC
Project/Site: DW Stoner & Associates

Job ID: 480-196147-1

Client Sample ID: OW1-4

Lab Sample ID: 480-196147-8

Date Collected: 03/25/22 11:45

Matrix: Ground Water

Date Received: 03/26/22 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		8.0	6.6	ug/L			03/28/22 15:38	8
1,1,2,2-Tetrachloroethane	ND		8.0	1.7	ug/L			03/28/22 15:38	8
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.0	2.5	ug/L			03/28/22 15:38	8
1,1,2-Trichloroethane	ND		8.0	1.8	ug/L			03/28/22 15:38	8
1,1-Dichloroethane	ND		8.0	3.0	ug/L			03/28/22 15:38	8
1,1-Dichloroethene	ND		8.0	2.3	ug/L			03/28/22 15:38	8
1,2,4-Trichlorobenzene	ND		8.0	3.3	ug/L			03/28/22 15:38	8
1,2-Dibromo-3-Chloropropane	ND		8.0	3.1	ug/L			03/28/22 15:38	8
1,2-Dibromoethane	ND		8.0	5.8	ug/L			03/28/22 15:38	8
1,2-Dichlorobenzene	ND		8.0	6.3	ug/L			03/28/22 15:38	8
1,2-Dichloroethane	ND		8.0	1.7	ug/L			03/28/22 15:38	8
1,2-Dichloropropane	ND		8.0	5.8	ug/L			03/28/22 15:38	8
1,3-Dichlorobenzene	ND		8.0	6.2	ug/L			03/28/22 15:38	8
1,4-Dichlorobenzene	ND		8.0	6.7	ug/L			03/28/22 15:38	8
2-Butanone (MEK)	ND		80	11	ug/L			03/28/22 15:38	8
2-Hexanone	ND		40	9.9	ug/L			03/28/22 15:38	8
4-Methyl-2-pentanone (MIBK)	ND		40	17	ug/L			03/28/22 15:38	8
Acetone	ND		80	24	ug/L			03/28/22 15:38	8
Benzene	ND		8.0	3.3	ug/L			03/28/22 15:38	8
Bromodichloromethane	ND		8.0	3.1	ug/L			03/28/22 15:38	8
Bromoform	ND		8.0	2.1	ug/L			03/28/22 15:38	8
Bromomethane	ND		8.0	5.5	ug/L			03/28/22 15:38	8
Carbon disulfide	ND		8.0	1.5	ug/L			03/28/22 15:38	8
Carbon tetrachloride	ND		8.0	2.2	ug/L			03/28/22 15:38	8
Chlorobenzene	ND		8.0	6.0	ug/L			03/28/22 15:38	8
Chloroethane	ND		8.0	2.6	ug/L			03/28/22 15:38	8
Chloroform	ND		8.0	2.7	ug/L			03/28/22 15:38	8
Chloromethane	ND		8.0	2.8	ug/L			03/28/22 15:38	8
cis-1,2-Dichloroethene	17		8.0	6.5	ug/L			03/28/22 15:38	8
cis-1,3-Dichloropropene	ND		8.0	2.9	ug/L			03/28/22 15:38	8
Cyclohexane	ND		8.0	1.4	ug/L			03/28/22 15:38	8
Dibromochloromethane	ND		8.0	2.6	ug/L			03/28/22 15:38	8
Dichlorodifluoromethane	ND		8.0	5.4	ug/L			03/28/22 15:38	8
Ethylbenzene	ND		8.0	5.9	ug/L			03/28/22 15:38	8
Isopropylbenzene	ND		8.0	6.3	ug/L			03/28/22 15:38	8
Methyl acetate	ND		20	10	ug/L			03/28/22 15:38	8
Methyl tert-butyl ether	ND		8.0	1.3	ug/L			03/28/22 15:38	8
Methylcyclohexane	ND		8.0	1.3	ug/L			03/28/22 15:38	8
Methylene Chloride	ND		8.0	3.5	ug/L			03/28/22 15:38	8
Styrene	ND		8.0	5.8	ug/L			03/28/22 15:38	8
Tetrachloroethene	ND		8.0	2.9	ug/L			03/28/22 15:38	8
Toluene	ND		8.0	4.1	ug/L			03/28/22 15:38	8
trans-1,2-Dichloroethene	ND		8.0	7.2	ug/L			03/28/22 15:38	8
trans-1,3-Dichloropropene	ND		8.0	3.0	ug/L			03/28/22 15:38	8
Trichloroethene	400		8.0	3.7	ug/L			03/28/22 15:38	8
Trichlorofluoromethane	ND		8.0	7.0	ug/L			03/28/22 15:38	8
Vinyl chloride	ND		8.0	7.2	ug/L			03/28/22 15:38	8
Xylenes, Total	ND		16	5.3	ug/L			03/28/22 15:38	8

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Client Sample Results

Client: DW Stoner and Associates, LLC
Project/Site: DW Stoner & Associates

Job ID: 480-196147-1

Client Sample ID: OW1-4

Date Collected: 03/25/22 11:45

Date Received: 03/26/22 10:00

Lab Sample ID: 480-196147-8

Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		77 - 120		03/28/22 15:38	8
4-Bromofluorobenzene (Surr)	87		73 - 120		03/28/22 15:38	8
Toluene-d8 (Surr)	97		80 - 120		03/28/22 15:38	8
Dibromofluoromethane (Surr)	115		75 - 123		03/28/22 15:38	8

Method: 6010C - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	1.8		0.050	0.019	mg/L		03/29/22 10:02	04/01/22 20:41	1
Manganese	0.45		0.0030	0.00040	mg/L		03/29/22 10:02	03/31/22 04:19	1

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	1.9		0.050	0.020	mg/L			03/26/22 16:59	1
Chemical Oxygen Demand	43.3		10.0	5.0	mg/L			03/31/22 23:34	1
Total Organic Carbon - Quad	1.6		1.0	0.43	mg/L			03/30/22 02:03	1

Surrogate Summary

Client: DW Stoner and Associates, LLC
Project/Site: DW Stoner & Associates

Job ID: 480-196147-1

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

Matrix: Ground Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (77-120)	BFB (73-120)	TOL (80-120)	DBFM (75-123)
480-196147-1	BR09-37	114	89	94	112
480-196147-2	BR09-39	108	94	94	106
480-196147-3	BR10-46	109	85	99	113
480-196147-3 - DL	BR10-46	107	87	98	107
480-196147-3 MS	BR10-46	104	90	98	102
480-196147-3 MSD	BR10-46	103	94	96	99
480-196147-4	BR10-47	107	89	95	106
480-196147-5	IW2-1	110	85	97	111
480-196147-6	IW2-3	114	87	98	113
480-196147-7	OW1-1	112	86	95	112
480-196147-7 - DL	OW1-1	111	90	95	109
480-196147-8	OW1-4	112	87	97	115

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (77-120)	BFB (73-120)	TOL (80-120)	DBFM (75-123)
LCS 480-619349/5	Lab Control Sample	107	87	101	112
LCS 480-619532/5	Lab Control Sample	102	88	100	103
MB 480-619349/7	Method Blank	115	85	99	121
MB 480-619532/7	Method Blank	107	91	97	106

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

QC Sample Results

Client: DW Stoner and Associates, LLC
Project/Site: DW Stoner & Associates

Job ID: 480-196147-1

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

Lab Sample ID: MB 480-619349/7

Matrix: Water

Analysis Batch: 619349

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/28/22 12:18	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/28/22 12:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/28/22 12:18	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/28/22 12:18	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/28/22 12:18	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/28/22 12:18	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/28/22 12:18	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/28/22 12:18	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/28/22 12:18	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/28/22 12:18	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/28/22 12:18	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/28/22 12:18	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/28/22 12:18	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/28/22 12:18	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/28/22 12:18	1
2-Hexanone	ND		5.0	1.2	ug/L			03/28/22 12:18	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/28/22 12:18	1
Acetone	ND		10	3.0	ug/L			03/28/22 12:18	1
Benzene	ND		1.0	0.41	ug/L			03/28/22 12:18	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/28/22 12:18	1
Bromoform	ND		1.0	0.26	ug/L			03/28/22 12:18	1
Bromomethane	ND		1.0	0.69	ug/L			03/28/22 12:18	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/28/22 12:18	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/28/22 12:18	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/28/22 12:18	1
Chloroethane	ND		1.0	0.32	ug/L			03/28/22 12:18	1
Chloroform	ND		1.0	0.34	ug/L			03/28/22 12:18	1
Chloromethane	ND		1.0	0.35	ug/L			03/28/22 12:18	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/28/22 12:18	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/28/22 12:18	1
Cyclohexane	ND		1.0	0.18	ug/L			03/28/22 12:18	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/28/22 12:18	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/28/22 12:18	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/28/22 12:18	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/28/22 12:18	1
Methyl acetate	ND		2.5	1.3	ug/L			03/28/22 12:18	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/28/22 12:18	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/28/22 12:18	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/28/22 12:18	1
Styrene	ND		1.0	0.73	ug/L			03/28/22 12:18	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/28/22 12:18	1
Toluene	ND		1.0	0.51	ug/L			03/28/22 12:18	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/28/22 12:18	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/28/22 12:18	1
Trichloroethene	ND		1.0	0.46	ug/L			03/28/22 12:18	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/28/22 12:18	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/28/22 12:18	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/28/22 12:18	1

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QC Sample Results

Client: DW Stoner and Associates, LLC
Project/Site: DW Stoner & Associates

Job ID: 480-196147-1

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

Lab Sample ID: MB 480-619349/7

Matrix: Water

Analysis Batch: 619349

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		77 - 120		03/28/22 12:18	1
4-Bromofluorobenzene (Surr)	85		73 - 120		03/28/22 12:18	1
Toluene-d8 (Surr)	99		80 - 120		03/28/22 12:18	1
Dibromofluoromethane (Surr)	121		75 - 123		03/28/22 12:18	1

Lab Sample ID: LCS 480-619349/5

Matrix: Water

Analysis Batch: 619349

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	28.0		ug/L		112	73 - 126
1,1,1,2,2-Tetrachloroethane	25.0	27.8		ug/L		111	76 - 120
1,1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	26.0		ug/L		104	61 - 148
1,1,2-Trichloroethane	25.0	24.2		ug/L		97	76 - 122
1,1-Dichloroethane	25.0	28.7		ug/L		115	77 - 120
1,1-Dichloroethene	25.0	26.9		ug/L		107	66 - 127
1,2,4-Trichlorobenzene	25.0	26.5		ug/L		106	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	29.1		ug/L		116	56 - 134
1,2-Dibromoethane	25.0	23.3		ug/L		93	77 - 120
1,2-Dichlorobenzene	25.0	27.0		ug/L		108	80 - 124
1,2-Dichloroethane	25.0	26.7		ug/L		107	75 - 120
1,2-Dichloropropane	25.0	23.8		ug/L		95	76 - 120
1,3-Dichlorobenzene	25.0	24.8		ug/L		99	77 - 120
1,4-Dichlorobenzene	25.0	23.9		ug/L		96	80 - 120
2-Butanone (MEK)	125	118		ug/L		94	57 - 140
2-Hexanone	125	106		ug/L		85	65 - 127
4-Methyl-2-pentanone (MIBK)	125	135		ug/L		108	71 - 125
Acetone	125	165		ug/L		132	56 - 142
Benzene	25.0	24.9		ug/L		100	71 - 124
Bromodichloromethane	25.0	25.6		ug/L		102	80 - 122
Bromoform	25.0	24.8		ug/L		99	61 - 132
Bromomethane	25.0	29.2		ug/L		117	55 - 144
Carbon disulfide	25.0	27.6		ug/L		110	59 - 134
Carbon tetrachloride	25.0	27.6		ug/L		110	72 - 134
Chlorobenzene	25.0	23.0		ug/L		92	80 - 120
Chloroethane	25.0	29.8		ug/L		119	69 - 136
Chloroform	25.0	27.8		ug/L		111	73 - 127
Chloromethane	25.0	27.8		ug/L		111	68 - 124
cis-1,2-Dichloroethene	25.0	27.6		ug/L		110	74 - 124
cis-1,3-Dichloropropene	25.0	22.3		ug/L		89	74 - 124
Cyclohexane	25.0	26.2		ug/L		105	59 - 135
Dibromochloromethane	25.0	25.9		ug/L		104	75 - 125
Dichlorodifluoromethane	25.0	20.6		ug/L		82	59 - 135
Ethylbenzene	25.0	24.4		ug/L		98	77 - 123
Isopropylbenzene	25.0	30.1		ug/L		120	77 - 122
Methyl acetate	50.0	55.6		ug/L		111	74 - 133
Methyl tert-butyl ether	25.0	27.9		ug/L		111	77 - 120
Methylcyclohexane	25.0	24.2		ug/L		97	68 - 134

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QC Sample Results

Client: DW Stoner and Associates, LLC
Project/Site: DW Stoner & Associates

Job ID: 480-196147-1

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

Lab Sample ID: LCS 480-619349/5

Matrix: Water

Analysis Batch: 619349

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	25.0	29.8		ug/L		119	75 - 124
Styrene	25.0	23.8		ug/L		95	80 - 120
Tetrachloroethene	25.0	22.9		ug/L		92	74 - 122
Toluene	25.0	24.7		ug/L		99	80 - 122
trans-1,2-Dichloroethene	25.0	28.4		ug/L		113	73 - 127
trans-1,3-Dichloropropene	25.0	23.3		ug/L		93	80 - 120
Trichloroethene	25.0	23.8		ug/L		95	74 - 123
Trichlorofluoromethane	25.0	28.5		ug/L		114	62 - 150
Vinyl chloride	25.0	26.6		ug/L		107	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	107		77 - 120
4-Bromofluorobenzene (Surr)	87		73 - 120
Toluene-d8 (Surr)	101		80 - 120
Dibromofluoromethane (Surr)	112		75 - 123

Lab Sample ID: MB 480-619532/7

Matrix: Water

Analysis Batch: 619532

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/29/22 14:09	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/29/22 14:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/29/22 14:09	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/29/22 14:09	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/29/22 14:09	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/29/22 14:09	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/29/22 14:09	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/29/22 14:09	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/29/22 14:09	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/29/22 14:09	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/29/22 14:09	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/29/22 14:09	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/29/22 14:09	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/29/22 14:09	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/29/22 14:09	1
2-Hexanone	ND		5.0	1.2	ug/L			03/29/22 14:09	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/29/22 14:09	1
Acetone	ND		10	3.0	ug/L			03/29/22 14:09	1
Benzene	ND		1.0	0.41	ug/L			03/29/22 14:09	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/29/22 14:09	1
Bromoform	ND		1.0	0.26	ug/L			03/29/22 14:09	1
Bromomethane	ND		1.0	0.69	ug/L			03/29/22 14:09	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/29/22 14:09	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/29/22 14:09	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/29/22 14:09	1
Chloroethane	ND		1.0	0.32	ug/L			03/29/22 14:09	1
Chloroform	ND		1.0	0.34	ug/L			03/29/22 14:09	1

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QC Sample Results

Client: DW Stoner and Associates, LLC
Project/Site: DW Stoner & Associates

Job ID: 480-196147-1

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

Lab Sample ID: MB 480-619532/7

Matrix: Water

Analysis Batch: 619532

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.0	0.35	ug/L			03/29/22 14:09	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/29/22 14:09	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/29/22 14:09	1
Cyclohexane	ND		1.0	0.18	ug/L			03/29/22 14:09	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/29/22 14:09	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/29/22 14:09	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/29/22 14:09	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/29/22 14:09	1
Methyl acetate	ND		2.5	1.3	ug/L			03/29/22 14:09	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/29/22 14:09	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/29/22 14:09	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/29/22 14:09	1
Styrene	ND		1.0	0.73	ug/L			03/29/22 14:09	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/29/22 14:09	1
Toluene	ND		1.0	0.51	ug/L			03/29/22 14:09	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/29/22 14:09	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/29/22 14:09	1
Trichloroethene	ND		1.0	0.46	ug/L			03/29/22 14:09	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/29/22 14:09	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/29/22 14:09	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/29/22 14:09	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		77 - 120		03/29/22 14:09	1
4-Bromofluorobenzene (Surr)	91		73 - 120		03/29/22 14:09	1
Toluene-d8 (Surr)	97		80 - 120		03/29/22 14:09	1
Dibromofluoromethane (Surr)	106		75 - 123		03/29/22 14:09	1

Lab Sample ID: LCS 480-619532/5

Matrix: Water

Analysis Batch: 619532

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	25.1		ug/L		101	73 - 126
1,1,2,2-Tetrachloroethane	25.0	26.7		ug/L		107	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	23.7		ug/L		95	61 - 148
1,1,2-Trichloroethane	25.0	23.8		ug/L		95	76 - 122
1,1-Dichloroethane	25.0	26.1		ug/L		104	77 - 120
1,1-Dichloroethene	25.0	23.9		ug/L		96	66 - 127
1,2,4-Trichlorobenzene	25.0	26.6		ug/L		106	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	27.6		ug/L		110	56 - 134
1,2-Dibromoethane	25.0	23.8		ug/L		95	77 - 120
1,2-Dichlorobenzene	25.0	26.0		ug/L		104	80 - 124
1,2-Dichloroethane	25.0	25.9		ug/L		104	75 - 120
1,2-Dichloropropane	25.0	23.4		ug/L		93	76 - 120
1,3-Dichlorobenzene	25.0	24.8		ug/L		99	77 - 120
1,4-Dichlorobenzene	25.0	23.9		ug/L		96	80 - 120
2-Butanone (MEK)	125	119		ug/L		95	57 - 140

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QC Sample Results

Client: DW Stoner and Associates, LLC
Project/Site: DW Stoner & Associates

Job ID: 480-196147-1

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

Lab Sample ID: LCS 480-619532/5

Matrix: Water

Analysis Batch: 619532

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Hexanone	125	107		ug/L		85	65 - 127
4-Methyl-2-pentanone (MIBK)	125	126		ug/L		101	71 - 125
Acetone	125	148		ug/L		119	56 - 142
Benzene	25.0	24.2		ug/L		97	71 - 124
Bromodichloromethane	25.0	25.0		ug/L		100	80 - 122
Bromoform	25.0	24.8		ug/L		99	61 - 132
Bromomethane	25.0	27.8		ug/L		111	55 - 144
Carbon disulfide	25.0	24.0		ug/L		96	59 - 134
Carbon tetrachloride	25.0	24.6		ug/L		98	72 - 134
Chlorobenzene	25.0	23.1		ug/L		92	80 - 120
Chloroethane	25.0	29.0		ug/L		116	69 - 136
Chloroform	25.0	25.4		ug/L		102	73 - 127
Chloromethane	25.0	28.1		ug/L		112	68 - 124
cis-1,2-Dichloroethene	25.0	24.9		ug/L		100	74 - 124
cis-1,3-Dichloropropene	25.0	23.5		ug/L		94	74 - 124
Cyclohexane	25.0	24.2		ug/L		97	59 - 135
Dibromochloromethane	25.0	25.7		ug/L		103	75 - 125
Dichlorodifluoromethane	25.0	23.9		ug/L		96	59 - 135
Ethylbenzene	25.0	23.8		ug/L		95	77 - 123
Isopropylbenzene	25.0	29.3		ug/L		117	77 - 122
Methyl acetate	50.0	50.9		ug/L		102	74 - 133
Methyl tert-butyl ether	25.0	24.9		ug/L		99	77 - 120
Methylcyclohexane	25.0	23.0		ug/L		92	68 - 134
Methylene Chloride	25.0	26.3		ug/L		105	75 - 124
Styrene	25.0	23.7		ug/L		95	80 - 120
Tetrachloroethene	25.0	23.7		ug/L		95	74 - 122
Toluene	25.0	24.7		ug/L		99	80 - 122
trans-1,2-Dichloroethene	25.0	25.3		ug/L		101	73 - 127
trans-1,3-Dichloropropene	25.0	24.7		ug/L		99	80 - 120
Trichloroethene	25.0	23.7		ug/L		95	74 - 123
Trichlorofluoromethane	25.0	28.1		ug/L		113	62 - 150
Vinyl chloride	25.0	26.8		ug/L		107	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	102		77 - 120
4-Bromofluorobenzene (Surr)	88		73 - 120
Toluene-d8 (Surr)	100		80 - 120
Dibromofluoromethane (Surr)	103		75 - 123

Lab Sample ID: 480-196147-3 MS

Matrix: Ground Water

Analysis Batch: 619532

Client Sample ID: BR10-46

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	ND		250	262		ug/L		105	73 - 126
1,1,2,2-Tetrachloroethane	ND		250	272		ug/L		109	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		250	247		ug/L		99	61 - 148
1,1,2-Trichloroethane	ND		250	256		ug/L		102	76 - 122

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QC Sample Results

Client: DW Stoner and Associates, LLC
Project/Site: DW Stoner & Associates

Job ID: 480-196147-1

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

Lab Sample ID: 480-196147-3 MS

Matrix: Ground Water

Analysis Batch: 619532

Client Sample ID: BR10-46

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethane	ND		250	266		ug/L		107	77 - 120
1,1-Dichloroethene	ND		250	253		ug/L		101	66 - 127
1,2,4-Trichlorobenzene	ND		250	238		ug/L		95	79 - 122
1,2-Dibromo-3-Chloropropane	ND		250	274		ug/L		109	56 - 134
1,2-Dibromoethane	ND		250	249		ug/L		100	77 - 120
1,2-Dichlorobenzene	ND		250	256		ug/L		102	80 - 124
1,2-Dichloroethane	ND		250	269		ug/L		108	75 - 120
1,2-Dichloropropane	ND		250	249		ug/L		100	76 - 120
1,3-Dichlorobenzene	ND		250	250		ug/L		100	77 - 120
1,4-Dichlorobenzene	ND		250	243		ug/L		97	78 - 124
2-Butanone (MEK)	ND		1250	1250		ug/L		100	57 - 140
2-Hexanone	ND		1250	1230		ug/L		98	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		1250	1360		ug/L		109	71 - 125
Acetone	ND		1250	1250		ug/L		100	56 - 142
Benzene	ND		250	251		ug/L		100	71 - 124
Bromodichloromethane	ND		250	259		ug/L		104	80 - 122
Bromoform	ND		250	239		ug/L		96	61 - 132
Bromomethane	ND		250	281		ug/L		113	55 - 144
Carbon disulfide	ND		250	230		ug/L		92	59 - 134
Carbon tetrachloride	ND		250	260		ug/L		104	72 - 134
Chlorobenzene	ND		250	240		ug/L		96	80 - 120
Chloroethane	ND		250	294		ug/L		118	69 - 136
Chloroform	ND		250	259		ug/L		104	73 - 127
Chloromethane	ND		250	283		ug/L		113	68 - 124
cis-1,2-Dichloroethene	74		250	317		ug/L		97	74 - 124
cis-1,3-Dichloropropene	ND		250	231		ug/L		93	74 - 124
Cyclohexane	ND		250	253		ug/L		101	59 - 135
Dibromochloromethane	ND		250	256		ug/L		102	75 - 125
Dichlorodifluoromethane	ND		250	256		ug/L		102	59 - 135
Ethylbenzene	ND		250	246		ug/L		99	77 - 123
Isopropylbenzene	ND		250	278		ug/L		111	77 - 122
Methyl acetate	ND		500	547		ug/L		109	74 - 133
Methyl tert-butyl ether	ND		250	245		ug/L		98	77 - 120
Methylcyclohexane	ND		250	235		ug/L		94	68 - 134
Methylene Chloride	ND		250	263		ug/L		105	75 - 124
Styrene	ND		250	256		ug/L		102	80 - 120
Tetrachloroethene	ND		250	242		ug/L		97	74 - 122
Toluene	ND		250	248		ug/L		99	80 - 122
trans-1,2-Dichloroethene	ND		250	256		ug/L		103	73 - 127
trans-1,3-Dichloropropene	ND		250	242		ug/L		97	80 - 120
Trichloroethene	560	F1	250	721	F1	ug/L		66	74 - 123
Trichlorofluoromethane	ND		250	302		ug/L		121	62 - 150
Vinyl chloride	ND		250	279		ug/L		112	65 - 133

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	104		77 - 120
4-Bromofluorobenzene (Surr)	90		73 - 120
Toluene-d8 (Surr)	98		80 - 120

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QC Sample Results

Client: DW Stoner and Associates, LLC
Project/Site: DW Stoner & Associates

Job ID: 480-196147-1

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

Lab Sample ID: 480-196147-3 MS

Matrix: Ground Water

Analysis Batch: 619532

Client Sample ID: BR10-46

Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
Dibromofluoromethane (Surr)	102		75 - 123

Lab Sample ID: 480-196147-3 MSD

Matrix: Ground Water

Analysis Batch: 619532

Client Sample ID: BR10-46

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		250	270		ug/L		108	73 - 126	3	15
1,1,2,2-Tetrachloroethane	ND		250	270		ug/L		108	76 - 120	1	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		250	257		ug/L		103	61 - 148	4	20
1,1,2-Trichloroethane	ND		250	254		ug/L		102	76 - 122	0	15
1,1-Dichloroethane	ND		250	272		ug/L		109	77 - 120	2	20
1,1-Dichloroethene	ND		250	258		ug/L		103	66 - 127	2	16
1,2,4-Trichlorobenzene	ND		250	255		ug/L		102	79 - 122	7	20
1,2-Dibromo-3-Chloropropane	ND		250	282		ug/L		113	56 - 134	3	15
1,2-Dibromoethane	ND		250	254		ug/L		102	77 - 120	2	15
1,2-Dichlorobenzene	ND		250	260		ug/L		104	80 - 124	2	20
1,2-Dichloroethane	ND		250	276		ug/L		110	75 - 120	2	20
1,2-Dichloropropane	ND		250	259		ug/L		104	76 - 120	4	20
1,3-Dichlorobenzene	ND		250	257		ug/L		103	77 - 120	3	20
1,4-Dichlorobenzene	ND		250	251		ug/L		100	78 - 124	3	20
2-Butanone (MEK)	ND		1250	1310		ug/L		105	57 - 140	5	20
2-Hexanone	ND		1250	1370		ug/L		110	65 - 127	11	15
4-Methyl-2-pentanone (MIBK)	ND		1250	1390		ug/L		111	71 - 125	2	35
Acetone	ND		1250	1260		ug/L		101	56 - 142	1	15
Benzene	ND		250	261		ug/L		105	71 - 124	4	13
Bromodichloromethane	ND		250	267		ug/L		107	80 - 122	3	15
Bromoform	ND		250	241		ug/L		96	61 - 132	1	15
Bromomethane	ND		250	267		ug/L		107	55 - 144	5	15
Carbon disulfide	ND		250	234		ug/L		94	59 - 134	2	15
Carbon tetrachloride	ND		250	265		ug/L		106	72 - 134	2	15
Chlorobenzene	ND		250	246		ug/L		98	80 - 120	3	25
Chloroethane	ND		250	289		ug/L		116	69 - 136	2	15
Chloroform	ND		250	260		ug/L		104	73 - 127	0	20
Chloromethane	ND		250	291		ug/L		117	68 - 124	3	15
cis-1,2-Dichloroethene	74		250	320		ug/L		98	74 - 124	1	15
cis-1,3-Dichloropropene	ND		250	254		ug/L		101	74 - 124	9	15
Cyclohexane	ND		250	262		ug/L		105	59 - 135	3	20
Dibromochloromethane	ND		250	254		ug/L		101	75 - 125	1	15
Dichlorodifluoromethane	ND		250	255		ug/L		102	59 - 135	0	20
Ethylbenzene	ND		250	255		ug/L		102	77 - 123	3	15
Isopropylbenzene	ND		250	280		ug/L		112	77 - 122	1	20
Methyl acetate	ND		500	537		ug/L		107	74 - 133	2	20
Methyl tert-butyl ether	ND		250	244		ug/L		97	77 - 120	0	37
Methylcyclohexane	ND		250	246		ug/L		98	68 - 134	5	20
Methylene Chloride	ND		250	262		ug/L		105	75 - 124	0	15
Styrene	ND		250	265		ug/L		106	80 - 120	3	20
Tetrachloroethene	ND		250	244		ug/L		98	74 - 122	1	20

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QC Sample Results

Client: DW Stoner and Associates, LLC
Project/Site: DW Stoner & Associates

Job ID: 480-196147-1

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

Lab Sample ID: 480-196147-3 MSD

Matrix: Ground Water

Analysis Batch: 619532

Client Sample ID: BR10-46

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	ND		250	255		ug/L		102	80 - 122	3	15
trans-1,2-Dichloroethene	ND		250	257		ug/L		103	73 - 127	0	20
trans-1,3-Dichloropropene	ND		250	255		ug/L		102	80 - 120	5	15
Trichloroethene	560	F1	250	763		ug/L		83	74 - 123	6	16
Trichlorofluoromethane	ND		250	302		ug/L		121	62 - 150	0	20
Vinyl chloride	ND		250	284		ug/L		114	65 - 133	2	15

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		77 - 120
4-Bromofluorobenzene (Surr)	94		73 - 120
Toluene-d8 (Surr)	96		80 - 120
Dibromofluoromethane (Surr)	99		75 - 123

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-619433/1-A

Matrix: Water

Analysis Batch: 619842

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 619433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	ND		0.0030	0.00040	mg/L		03/29/22 10:02	03/31/22 03:15	1

Lab Sample ID: MB 480-619433/1-A

Matrix: Water

Analysis Batch: 620162

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 619433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.050	0.019	mg/L		03/29/22 10:02	04/01/22 19:27	1

Lab Sample ID: LCS 480-619433/2-A

Matrix: Water

Analysis Batch: 619842

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 619433

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	0.200	0.217		mg/L		109	80 - 120

Lab Sample ID: LCS 480-619433/2-A

Matrix: Water

Analysis Batch: 620162

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 619433

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	10.0	10.82		mg/L		108	80 - 120

Lab Sample ID: 480-196147-2 MS

Matrix: Ground Water

Analysis Batch: 619842

Client Sample ID: BR09-39

Prep Type: Total/NA

Prep Batch: 619433

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	0.087		0.200	0.293		mg/L		103	75 - 125

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QC Sample Results

Client: DW Stoner and Associates, LLC
Project/Site: DW Stoner & Associates

Job ID: 480-196147-1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: 480-196147-2 MS
Matrix: Ground Water
Analysis Batch: 620162

Client Sample ID: BR09-39
Prep Type: Total/NA
Prep Batch: 619433

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	0.20		10.0	10.73		mg/L		105	75 - 125

Lab Sample ID: 480-196147-2 MSD
Matrix: Ground Water
Analysis Batch: 619842

Client Sample ID: BR09-39
Prep Type: Total/NA
Prep Batch: 619433

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Manganese	0.087		0.200	0.280		mg/L		97	75 - 125	4	20

Lab Sample ID: 480-196147-2 MSD
Matrix: Ground Water
Analysis Batch: 620162

Client Sample ID: BR09-39
Prep Type: Total/NA
Prep Batch: 619433

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Iron	0.20		10.0	10.74		mg/L		105	75 - 125	0	20

Lab Sample ID: MB 480-620177/1-C
Matrix: Water
Analysis Batch: 620465

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 620320

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.050	0.019	mg/L		04/04/22 12:41	04/04/22 23:48	1
Manganese	ND		0.0030	0.00040	mg/L		04/04/22 12:41	04/04/22 23:48	1

Lab Sample ID: LCS 480-620177/2-C
Matrix: Water
Analysis Batch: 620465

Client Sample ID: Lab Control Sample
Prep Type: Dissolved
Prep Batch: 620320

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	10.0	9.75		mg/L		97	80 - 120
Manganese	0.200	0.213		mg/L		106	80 - 120

Method: 410.4 - COD

Lab Sample ID: MB 480-620103/52
Matrix: Water
Analysis Batch: 620103

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand	ND		10.0	5.0	mg/L			03/31/22 23:34	1

Lab Sample ID: MB 480-620103/76
Matrix: Water
Analysis Batch: 620103

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand	ND		10.0	5.0	mg/L			03/31/22 23:34	1

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QC Sample Results

Client: DW Stoner and Associates, LLC
Project/Site: DW Stoner & Associates

Job ID: 480-196147-1

Method: 410.4 - COD (Continued)

Lab Sample ID: LCS 480-620103/53

Matrix: Water

Analysis Batch: 620103

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chemical Oxygen Demand	25.0	27.47		mg/L		110	90 - 110

Lab Sample ID: LCS 480-620103/77

Matrix: Water

Analysis Batch: 620103

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chemical Oxygen Demand	25.0	26.74		mg/L		107	90 - 110

Lab Sample ID: 480-196147-6 MS

Matrix: Ground Water

Analysis Batch: 620103

Client Sample ID: IW2-3

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chemical Oxygen Demand	46.2	F1	50.0	83.60		mg/L		75	75 - 125

Lab Sample ID: 480-196147-6 MSD

Matrix: Ground Water

Analysis Batch: 620103

Client Sample ID: IW2-3

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chemical Oxygen Demand	46.2	F1	50.0	80.95	F1	mg/L		70	75 - 125	3	20

Method: 9060A - Organic Carbon, Total (TOC)

Lab Sample ID: MB 480-619691/52

Matrix: Water

Analysis Batch: 619691

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 - Quad	ND		1.0	0.43	mg/L			03/29/22 18:27	1

Lab Sample ID: LCS 480-619691/53

Matrix: Water

Analysis Batch: 619691

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 - Quad	60.1	56.83		mg/L		95	90 - 110

Lab Sample ID: 480-196147-6 MS

Matrix: Ground Water

Analysis Batch: 619691

Client Sample ID: IW2-3

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon - Quad	2.6		23.3	24.58		mg/L		94	54 - 131

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QC Sample Results

Client: DW Stoner and Associates, LLC
Project/Site: DW Stoner & Associates

Job ID: 480-196147-1

Method: 9060A - Organic Carbon, Total (TOC) (Continued)

Lab Sample ID: 480-196147-1 DU

Matrix: Ground Water

Analysis Batch: 619691

Client Sample ID: BR09-37

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Organic Carbon - Quad	1.7		1.67		mg/L		2	20

Lab Sample ID: 480-196147-7 DU

Matrix: Ground Water

Analysis Batch: 619691

Client Sample ID: OW1-1

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Organic Carbon - Quad	1.8		1.82		mg/L		2	20

Lab Sample ID: MB 480-620288/9

Matrix: Water

Analysis Batch: 620288

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 - Quad	ND		1.0	0.43	mg/L			03/31/22 19:34	1

Lab Sample ID: LCS 480-620288/10

Matrix: Water

Analysis Batch: 620288

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 - Quad	60.0	54.07		mg/L		90	90 - 110

QC Association Summary

Client: DW Stoner and Associates, LLC
Project/Site: DW Stoner & Associates

Job ID: 480-196147-1

GC/MS VOA

Analysis Batch: 619349

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196147-1	BR09-37	Total/NA	Ground Water	8260C	
480-196147-3	BR10-46	Total/NA	Ground Water	8260C	
480-196147-7	OW1-1	Total/NA	Ground Water	8260C	
480-196147-8	OW1-4	Total/NA	Ground Water	8260C	
MB 480-619349/7	Method Blank	Total/NA	Water	8260C	
LCS 480-619349/5	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 619532

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196147-2	BR09-39	Total/NA	Ground Water	8260C	
480-196147-3 - DL	BR10-46	Total/NA	Ground Water	8260C	
480-196147-4	BR10-47	Total/NA	Ground Water	8260C	
480-196147-5	IW2-1	Total/NA	Ground Water	8260C	
480-196147-6	IW2-3	Total/NA	Ground Water	8260C	
480-196147-7 - DL	OW1-1	Total/NA	Ground Water	8260C	
MB 480-619532/7	Method Blank	Total/NA	Water	8260C	
LCS 480-619532/5	Lab Control Sample	Total/NA	Water	8260C	
480-196147-3 MS	BR10-46	Total/NA	Ground Water	8260C	
480-196147-3 MSD	BR10-46	Total/NA	Ground Water	8260C	

Metals

Prep Batch: 619433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196147-1	BR09-37	Total/NA	Ground Water	3005A	
480-196147-2	BR09-39	Total/NA	Ground Water	3005A	
480-196147-3	BR10-46	Total/NA	Ground Water	3005A	
480-196147-4	BR10-47	Total/NA	Ground Water	3005A	
480-196147-5	IW2-1	Total/NA	Ground Water	3005A	
480-196147-6	IW2-3	Total/NA	Ground Water	3005A	
480-196147-7	OW1-1	Total/NA	Ground Water	3005A	
480-196147-8	OW1-4	Total/NA	Ground Water	3005A	
MB 480-619433/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-619433/2-A	Lab Control Sample	Total/NA	Water	3005A	
480-196147-2 MS	BR09-39	Total/NA	Ground Water	3005A	
480-196147-2 MSD	BR09-39	Total/NA	Ground Water	3005A	

Analysis Batch: 619842

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196147-1	BR09-37	Total/NA	Ground Water	6010C	619433
480-196147-2	BR09-39	Total/NA	Ground Water	6010C	619433
480-196147-3	BR10-46	Total/NA	Ground Water	6010C	619433
480-196147-4	BR10-47	Total/NA	Ground Water	6010C	619433
480-196147-5	IW2-1	Total/NA	Ground Water	6010C	619433
480-196147-6	IW2-3	Total/NA	Ground Water	6010C	619433
480-196147-7	OW1-1	Total/NA	Ground Water	6010C	619433
480-196147-8	OW1-4	Total/NA	Ground Water	6010C	619433
MB 480-619433/1-A	Method Blank	Total/NA	Water	6010C	619433
LCS 480-619433/2-A	Lab Control Sample	Total/NA	Water	6010C	619433
480-196147-2 MS	BR09-39	Total/NA	Ground Water	6010C	619433
480-196147-2 MSD	BR09-39	Total/NA	Ground Water	6010C	619433

Eurofins Buffalo

QC Association Summary

Client: DW Stoner and Associates, LLC
Project/Site: DW Stoner & Associates

Job ID: 480-196147-1

Metals

Analysis Batch: 620162

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196147-1	BR09-37	Total/NA	Ground Water	6010C	619433
480-196147-2	BR09-39	Total/NA	Ground Water	6010C	619433
480-196147-3	BR10-46	Total/NA	Ground Water	6010C	619433
480-196147-4	BR10-47	Total/NA	Ground Water	6010C	619433
480-196147-5	IW2-1	Total/NA	Ground Water	6010C	619433
480-196147-6	IW2-3	Total/NA	Ground Water	6010C	619433
480-196147-7	OW1-1	Total/NA	Ground Water	6010C	619433
480-196147-8	OW1-4	Total/NA	Ground Water	6010C	619433
MB 480-619433/1-A	Method Blank	Total/NA	Water	6010C	619433
LCS 480-619433/2-A	Lab Control Sample	Total/NA	Water	6010C	619433
480-196147-2 MS	BR09-39	Total/NA	Ground Water	6010C	619433
480-196147-2 MSD	BR09-39	Total/NA	Ground Water	6010C	619433

Filtration Batch: 620177

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196147-4	BR10-47	Dissolved	Ground Water	FILTRATION	
MB 480-620177/1-C	Method Blank	Dissolved	Water	FILTRATION	
LCS 480-620177/2-C	Lab Control Sample	Dissolved	Water	FILTRATION	

Prep Batch: 620320

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196147-4	BR10-47	Dissolved	Ground Water	3005A	620177
MB 480-620177/1-C	Method Blank	Dissolved	Water	3005A	620177
LCS 480-620177/2-C	Lab Control Sample	Dissolved	Water	3005A	620177

Analysis Batch: 620465

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196147-4	BR10-47	Dissolved	Ground Water	6010C	620320
MB 480-620177/1-C	Method Blank	Dissolved	Water	6010C	620320
LCS 480-620177/2-C	Lab Control Sample	Dissolved	Water	6010C	620320

General Chemistry

Analysis Batch: 619290

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196147-1	BR09-37	Total/NA	Ground Water	353.2	
480-196147-2	BR09-39	Total/NA	Ground Water	353.2	
480-196147-3	BR10-46	Total/NA	Ground Water	353.2	
480-196147-4	BR10-47	Total/NA	Ground Water	353.2	
480-196147-5	IW2-1	Total/NA	Ground Water	353.2	
480-196147-6	IW2-3	Total/NA	Ground Water	353.2	
480-196147-7	OW1-1	Total/NA	Ground Water	353.2	
480-196147-8	OW1-4	Total/NA	Ground Water	353.2	

Analysis Batch: 619691

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196147-1	BR09-37	Total/NA	Ground Water	9060A	
480-196147-2	BR09-39	Total/NA	Ground Water	9060A	
480-19614					

QC Association Summary

Client: DW Stoner and Associates, LLC
Project/Site: DW Stoner & Associates

Job ID: 480-196147-1

General Chemistry (Continued)

Analysis Batch: 619691 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196147-7	OW1-1	Total/NA	Ground Water	9060A	
480-196147-8	OW1-4	Total/NA	Ground Water	9060A	
MB 480-619691/52	Method Blank	Total/NA	Water	9060A	
LCS 480-619691/53	Lab Control Sample	Total/NA	Water	9060A	
480-196147-6 MS	IW2-3	Total/NA	Ground Water	9060A	
480-196147-1 DU	BR09-37	Total/NA	Ground Water	9060A	
480-196147-7 DU	OW1-1	Total/NA	Ground Water	9060A	

Analysis Batch: 620103

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196147-1	BR09-37	Total/NA	Ground Water	410.4	
480-196147-2	BR09-39	Total/NA	Ground Water	410.4	
480-196147-3	BR10-46	Total/NA	Ground Water	410.4	
480-196147-4	BR10-47	Total/NA	Ground Water	410.4	
480-196147-5	IW2-1	Total/NA	Ground Water	410.4	
480-196147-6	IW2-3	Total/NA	Ground Water	410.4	
480-196147-7	OW1-1	Total/NA	Ground Water	410.4	
480-196147-8	OW1-4	Total/NA	Ground Water	410.4	
MB 480-620103/52	Method Blank	Total/NA	Water	410.4	
MB 480-620103/76	Method Blank	Total/NA	Water	410.4	
LCS 480-620103/53	Lab Control Sample	Total/NA	Water	410.4	
LCS 480-620103/77	Lab Control Sample	Total/NA	Water	410.4	
480-196147-6 MS	IW2-3	Total/NA	Ground Water	410.4	
480-196147-6 MSD	IW2-3	Total/NA	Ground Water	410.4	

Analysis Batch: 620288

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196147-5	IW2-1	Total/NA	Ground Water	9060A	
MB 480-620288/9	Method Blank	Total/NA	Water	9060A	
LCS 480-620288/10	Lab Control Sample	Total/NA	Water	9060A	

Lab Chronicle

Client: DW Stoner and Associates, LLC
Project/Site: DW Stoner & Associates

Job ID: 480-196147-1

Client Sample ID: BR09-37

Date Collected: 03/25/22 11:00

Date Received: 03/26/22 10:00

Lab Sample ID: 480-196147-1

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		800	619349	03/28/22 20:48	AXK	TAL BUF
Total/NA	Prep	3005A			619433	03/29/22 10:02	NBS	TAL BUF
Total/NA	Analysis	6010C		1	620162	04/01/22 19:38	LMH	TAL BUF
Total/NA	Prep	3005A			619433	03/29/22 10:02	NBS	TAL BUF
Total/NA	Analysis	6010C		1	619842	03/31/22 03:26	LMH	TAL BUF
Total/NA	Analysis	353.2		1	619290	03/26/22 16:49	CSS	TAL BUF
Total/NA	Analysis	410.4		1	620103	03/31/22 23:34	CSS	TAL BUF
Total/NA	Analysis	9060A		1	619691	03/29/22 20:47	KER	TAL BUF

Client Sample ID: BR09-39

Date Collected: 03/25/22 10:38

Date Received: 03/26/22 10:00

Lab Sample ID: 480-196147-2

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	619532	03/29/22 19:30	AXK	TAL BUF
Total/NA	Prep	3005A			619433	03/29/22 10:02	NBS	TAL BUF
Total/NA	Analysis	6010C		1	620162	04/01/22 19:53	LMH	TAL BUF
Total/NA	Prep	3005A			619433	03/29/22 10:02	NBS	TAL BUF
Total/NA	Analysis	6010C		1	619842	03/31/22 03:30	LMH	TAL BUF
Total/NA	Analysis	353.2		1	619290	03/26/22 16:50	CSS	TAL BUF
Total/NA	Analysis	410.4		1	620103	03/31/22 23:34	CSS	TAL BUF
Total/NA	Analysis	9060A		1	619691	03/29/22 21:16	KER	TAL BUF

Client Sample ID: BR10-46

Date Collected: 03/25/22 10:12

Date Received: 03/26/22 10:00

Lab Sample ID: 480-196147-3

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	619349	03/28/22 13:47	AXK	TAL BUF
Total/NA	Analysis	8260C	DL	10	619532	03/29/22 19:52	AXK	TAL BUF
Total/NA	Prep	3005A			619433	03/29/22 10:02	NBS	TAL BUF
Total/NA	Analysis	6010C		1	62016			

Lab Chronicle

Client: DW Stoner and Associates, LLC
Project/Site: DW Stoner & Associates

Job ID: 480-196147-1

Client Sample ID: BR10-47

Date Collected: 03/25/22 12:00

Date Received: 03/26/22 10:00

Lab Sample ID: 480-196147-4

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Filtration	FILTRATION			620177	04/02/22 12:35	NVK	TAL BUF
Dissolved	Prep	3005A			620320	04/04/22 12:41	NBS	TAL BUF
Dissolved	Analysis	6010C		1	620465	04/05/22 00:46	LMH	TAL BUF
Total/NA	Prep	3005A			619433	03/29/22 10:02	NBS	TAL BUF
Total/NA	Analysis	6010C		1	620162	04/01/22 20:15	LMH	TAL BUF
Total/NA	Prep	3005A			619433	03/29/22 10:02	NBS	TAL BUF
Total/NA	Analysis	6010C		1	619842	03/31/22 04:04	LMH	TAL BUF
Total/NA	Analysis	353.2		1	619290	03/26/22 16:51	CSS	TAL BUF
Total/NA	Analysis	410.4		1	620103	03/31/22 23:34	CSS	TAL BUF
Total/NA	Analysis	9060A		1	619691	03/29/22 22:14	KER	TAL BUF

Client Sample ID: IW2-1

Date Collected: 03/25/22 09:25

Date Received: 03/26/22 10:00

Lab Sample ID: 480-196147-5

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	619532	03/29/22 20:35	AXK	TAL BUF
Total/NA	Prep	3005A			619433	03/29/22 10:02	NBS	TAL BUF
Total/NA	Analysis	6010C		1	620162	04/01/22 20:18	LMH	TAL BUF
Total/NA	Prep	3005A			619433	03/29/22 10:02	NBS	TAL BUF
Total/NA	Analysis	6010C		1	619842	03/31/22 04:07	LMH	TAL BUF
Total/NA	Analysis	353.2		1	619290	03/26/22 16:57	CSS	TAL BUF
Total/NA	Analysis	410.4		1	620103	03/31/22 23:34	CSS	TAL BUF
Total/NA	Analysis	9060A		1	620288	04/01/22 04:04	KER	TAL BUF

Client Sample ID: IW2-3

Date Collected: 03/25/22 08:53

Date Received: 03/26/22 10:00

Lab Sample ID: 480-196147-6

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	619532	03/29/22 20:57	AXK	TAL BUF

Lab Chronicle

Client: DW Stoner and Associates, LLC
Project/Site: DW Stoner & Associates

Job ID: 480-196147-1

Client Sample ID: OW1-1

Date Collected: 03/25/22 10:45

Date Received: 03/26/22 10:00

Lab Sample ID: 480-196147-7

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	619349	03/28/22 15:16	AXK	TAL BUF
Total/NA	Analysis	8260C	DL	8	619532	03/29/22 21:19	AXK	TAL BUF
Total/NA	Prep	3005A			619433	03/29/22 10:02	NBS	TAL BUF
Total/NA	Analysis	6010C		1	620162	04/01/22 20:37	LMH	TAL BUF
Total/NA	Prep	3005A			619433	03/29/22 10:02	NBS	TAL BUF
Total/NA	Analysis	6010C		1	619842	03/31/22 04:15	LMH	TAL BUF
Total/NA	Analysis	353.2		1	619290	03/26/22 16:53	CSS	TAL BUF
Total/NA	Analysis	410.4		1	620103	03/31/22 23:34	CSS	TAL BUF
Total/NA	Analysis	9060A		1	619691	03/30/22 01:34	KER	TAL BUF

Client Sample ID: OW1-4

Date Collected: 03/25/22 11:45

Date Received: 03/26/22 10:00

Lab Sample ID: 480-196147-8

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		8	619349	03/28/22 15:38	AXK	TAL BUF
Total/NA	Prep	3005A			619433	03/29/22 10:02	NBS	TAL BUF
Total/NA	Analysis	6010C		1	620162	04/01/22 20:41	LMH	TAL BUF
Total/NA	Prep	3005A			619433	03/29/22 10:02	NBS	TAL BUF
Total/NA	Analysis	6010C		1	619842	03/31/22 04:19	LMH	TAL BUF
Total/NA	Analysis	353.2		1	619290	03/26/22 16:59	CSS	TAL BUF
Total/NA	Analysis	410.4		1	620103	03/31/22 23:34	CSS	TAL BUF
Total/NA	Analysis	9060A		1	619691	03/30/22 02:03	KER	TAL BUF

Laboratory References:

TAL BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: DW Stoner and Associates, LLC
Project/Site: DW Stoner & Associates

Job ID: 480-196147-1

Laboratory: Eurofins Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-23

1

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Method Summary

Client: DW Stoner and Associates, LLC
Project/Site: DW Stoner & Associates

Job ID: 480-196147-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
6010C	Metals (ICP)	SW846	TAL BUF
353.2	Nitrate	EPA	TAL BUF
410.4	COD	MCAWW	TAL BUF
9060A	Organic Carbon, Total (TOC)	SW846	TAL BUF
3005A	Preparation, Total Metals	SW846	TAL BUF
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	TAL BUF
5030C	Purge and Trap	SW846	TAL BUF
FILTRATION	Sample Filtration	None	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

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

None = None

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

Laboratory References:

TAL BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: DW Stoner and Associates, LLC
Project/Site: DW Stoner & Associates

Job ID: 480-196147-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-196147-1	BR09-37	Ground Water	03/25/22 11:00	03/26/22 10:00
480-196147-2	BR09-39	Ground Water	03/25/22 10:38	03/26/22 10:00
480-196147-3	BR10-46	Ground Water	03/25/22 10:12	03/26/22 10:00
480-196147-4	BR10-47	Ground Water	03/25/22 12:00	03/26/22 10:00
480-196147-5	IW2-1	Ground Water	03/25/22 09:25	03/26/22 10:00
480-196147-6	IW2-3	Ground Water	03/25/22 08:53	03/26/22 10:00
480-196147-7	OW1-1	Ground Water	03/25/22 10:45	03/26/22 10:00
480-196147-8	OW1-4	Ground Water	03/25/22 11:45	03/26/22 10:00

Chain of Custody Record



**Environment Testing
America**

[illegible]

Login Sample Receipt Checklist

Client: DW Stoner and Associates, LLC

Job Number: 480-196147-1

Login Number: 196147

List Source: Eurofins Buffalo

List Number: 1

Creator: Wallace, Cameron

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers 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	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	