AFIN: 72-00144
PMT#: 0290-S1-R4
Received
By Haley Griffith at 2:30 pm, Dec 4, 2023
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Haley Griffith (adpce.ad)

From: Travis Doll <travis.doll@jettenviro.com>
Sent: Thursday, November 30, 2023 7:35 AM
To: gwreports
Cc: Reynolds, Jodi; Steve Jett P.G.; Ciara Childers Beavers
Subject: October 2023 Monthly Sampling Event Report, Eco-Vista Class 1 Landfill, Solid Waste Permit No. 0290-S1-R3

On behalf of Eco-Vista, LLC, Jett Environmental Consulting is submitting the October 2023 Monthly Sampling Event Report for the Eco-Vista Class 1 Landfill. Please access the link below to download the report.

https://drive.google.com/file/d/1tj4TfP0wPDdNi3neTDOTyiQkC3qJlHPp/view?usp=sharing

If you have any questions or comments regarding this submittal, please do not hesitate to contact us.

Sincerely,

Travis Doll, P.G.
Senior Geologist
Jett Environmental Consulting
18 Lexington Oaks Court
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573-418-5488
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JETT ENVIRONMENTAL CONSULTING

November 30, 2023 ***Submitted via Electronic Mail***

Mr. Aaron Baggett
Geologist
Arkansas Department of Energy and Environment
Division of Environmental Quality
5301 Northshore Drive
North Little Rock, AR 72118

Re: October 2023 Monthly Indicator Parameter Monitoring Report
Eco-Vista Landfill, LLC, Class 1 Landfill
AFIN: 72-00144, Permit No.: 0290-S1-R3

Dear Mr. Baggett:

Jett Environmental Consulting is pleased to present the results of the October 2023 monthly indicator parameter monitoring event for the Eco-Vista Landfill, LLC to the Arkansas Department of Energy and Environment, Division of Environmental Quality (DEQ). In accordance with the Eco-Vista Landfill (Landfill) Permit No. 0290-S1-R3 (AFIN 72-00144), Conditions 32, 36, 38.a., and 40.a, the Landfill is required to conduct monthly sampling for the following parameters:

- Ammonia,
- Chloride,
- pH, and
- Specific Conductance.

Monthly monitoring began in July 2006 with the approval to begin landfill operations in the eastern lateral expansion area. Monthly sampling events are currently conducted for the eastern lateral expansion area (Cells 1 through 12). In accordance with Condition 40.a. of the Permit, the monthly report should include:

i) Analytical data from that month's indicator sampling of groundwater, the leak detection system (LDS), and the leachate collection system (LCS). Groundwater elevations should also be included.
ii) List of calculated statistically significant increases (SSIs) for all monthly results from the groundwater monitoring wells.
iii) Graphs for each SSI, presenting the parameter at the location (1) over the past year and (2) since monthly monitoring began.
iv) Database printout of all monthly sampling analytical results since beginning of monthly indicator sampling.
v) Daily volume and rate data collected from the LDS and the LCS since the last report.
vi) Discussion of all results obtained from the groundwater monitoring wells.

Analytical Results

The October 2023 sampling event was completed on October 2-5, 2023. A copy of the laboratory analytical report and field sampling forms are included in **Attachment G**. The pump was inoperable at sampling point LCS-6; therefore, a sample could not be collected.

A list of the required groundwater monitoring wells, LDS locations, and LCS locations are provided in **Attachment A**. A summary of the October 2023 monthly data is also provided in **Attachment A**. A historical database summary of sampling analytical results compiled since the beginning of monthly indicator parameter sampling is included in **Attachment B**.

SSI Evaluation

As discussed in Section 3.7.2 of the November 2, 2016 Groundwater Sampling and Analysis Plan (Document Identification Number (DIN) 70560, approved by DEQ on November 9, 2016 with DIN 70584), a significantly increasing trend **and** a reported concentration of chloride greater than 10 times the baseline or ammonia greater than 1 mg/L will be considered a significant finding that requires further evaluation.

Historical groundwater results for ammonia, chloride, pH, and specific conductance were statistically evaluated for potential significant increasing trends (see **Attachment C**). The trend analysis graphs display the results since initiation of monthly monitoring. As shown in **Attachment C**, various increasing trends were exhibited for chloride and specific conductance and decreasing trends were exhibited for ammonia, chloride, pH, and specific conductance. The trend results were generally consistent with past events, and for a majority of the trending well/parameter pairs results have been stable for several years recently.

The baseline chloride values were determined utilizing data compiled prior to waste placement. For LGW-8R and LGW-14R, historical chloride concentrations from August 2008 through February 2016 were used to calculate the average chloride baseline concentration. A date range of June 2015 through February 2016 was used for LGW-3R, MW-15, MW-16, MW-17, and MW-19. A date range of July 2006 through May 2008 was used for LGW-2, LGW-4, LGW-5, LGW-6, LGW-7, LGW-9, LGW-10, and MW-7N. Calculated baseline values for chloride are presented in **Attachment D**. For monitoring wells with statistically significant increasing chloride trends, the October 2023 chloride concentration was compared to 10 times the baseline value (see **Attachment A**). No October 2023 chloride concentrations exceeded the 10 times baseline values.

For monitoring wells with statistically significant increasing ammonia trends, the October 2023 ammonia concentration was compared to 1 mg/L. As shown in **Attachment A**, no detections were above 1 mg/L during the October 2023 event.

For monitoring wells with statistically significant increasing trends, the October 2023 concentrations of chloride were not greater than 10 times the baseline values or ammonia greater than 1 mg/L; therefore, no SSI was exhibited for the October 2023 event. No further action is required.

LDS/LCS

In accordance with Permit Conditions 31 and 40.a.v., the Landfill began recording daily volume and rate data from the LDS and LCS since construction of the first cell in the lateral expansion area was completed. Per the site's Action Leakage Rate (ALR) Contingency Plan (DIN 68124 dated September 24, 2015), no further action, other than routine monitoring and reporting, is required if the LDS flow rate is at or below 60 gallons per acre per day (gpad). The ALR Contingency Plan was approved by DEQ on November 25, 2015 (DIN 68479).

In accordance with the Landfill's permit and ALR Contingency Plan, Eco-Vista personnel perform flow rate monitoring of the LDS sumps of Cells 1 through 12. Eco-Vista is responsible for the data input and calculated averages of recorded flow rate data. Included in **Attachment E** is a table provided by the Landfill of daily volume and rate data for the month of October 2023 for both the open and closed landfill areas. The LCS and LDS share common piping at the bulkhead and backflow from the LCS into the LDS has been identified, as documented in a February 19, 2020 fingerprint analysis results report submitted to DEQ (DIN 77786). To address this, Eco-Vista installed backflow preventers on the LDS piping on September 2, 2020.

According to site data, each of the October 2023 LDS flow rates was below 60 gpad (see **Attachment E**).

Gas Extraction Well Operations

In accordance with DEQ letter dated May 5, 2016 (DIN 69516), a list and map of all active and passive gas extraction locations at the site and their operational status for the reporting period is included in **Attachment F**.

Summary & Conclusions

The following summary is based on a review of the October 2023 data:

- For the monitoring wells, various statistically significant increasing trends were exhibited for chloride and specific conductance, and decreasing trends were exhibited for ammonia, chloride, pH, and specific conductance. The trend results were generally consistent with past events, and for a majority of the trending well/parameter pairs results have been stable for several years recently;
- Chloride concentrations in groundwater were below calculated intra-well limits;
- Ammonia concentrations in groundwater were below the fixed limit of 1 mg/L; and
- According to the site, each of the LDS flow rates was below 60 gpad.

No significant findings were determined with respect to groundwater for the October 2023 monitoring period. In addition, there were no flow rate exceedances to report for October 2023, per the ALR Contingency Plan.

The Landfill will continue to collect data during monthly monitoring events in accordance with Permit No. 0290-S1-R3.

If you have any questions or comments, please contact me at steve.jett@jettenviro.com or 314-496-4654.

Sincerely,

Steve Jett, P.G. No. 1826
Owner

Travis Doll
Senior Geologist

Attachments:

A. Summary Table of Monthly Results
B. Historical Database
C. Trend Analysis
D. Chloride Baseline Calculations
E. Leachate Collection System and Leak Detection System Daily Volume and Rate Data
F. Gas Extraction Well Operations & Location Map
G. Laboratory Analytical Report & Field Forms

cc: Jodi Reynolds – WM (PDF via Email)

ATTACHMENT A

Summary Table of Monthly Results

Monthly Data Summary
October 2023 Event
Eco-Vista Landfill

Monitoring Point	Date Sampled	Chloride Intra-Well Limit (mg/L)	Chloride (mg/L)	Ammonia (mg/L)	Specific Conductance [Field] (umhos/cm)	pH [Field] (SU)	Top of PVC Casing Elevation (fmsl)	Depth to Water (ft)	Groundwater Elevation (fmsl)
LGW-2	10/4/2023	78	11.3	<0.1	708	6.73	1302.14	72.78	1229.36
LGW-3R	10/4/2023	124	4.93	<0.1	115	5.09	1289.20	56.68	1232.52
LGW-4	10/4/2023	149	20.3	<0.1	924	6.47	1267.79	60.96	1206.83
LGW-5	10/5/2023	124	31.0	0.26	1049	6.32	1271.91	71.95	1199.96
LGW-6	10/5/2023	133	17.2	<0.1	868	6.34	1244.79	51.10	1193.69
LGW-7	10/5/2023	113	17.3	<0.1	744	6.69	1220.60	43.65	1176.95
LGW-8R	10/5/2023	122	20.2	<0.1	873	6.64	1186.24	10.90	1175.34
LGW-9	10/5/2023	169	34.8	<0.1	930	6.41	1237.47	54.24	1183.23
LGW-10	10/5/2023	151	24.2	0.1	1048	6.47	1240.61	59.58	1181.03
LGW-14R	10/5/2023	39	5.64	<0.1	750	6.86	1250.93	56.60	1194.33
MW-7N	10/4/2023	93	30.1	<0.1	690	6.67	1250.84	87.91	1162.93
MW-15	10/4/2023	278	39.3	<0.1	702	6.42	1291.46	58.80	1232.66
MW-16	10/4/2023	108	4.05	<0.1	449	7.20	1289.70	73.84	1215.86
MW-17	10/3/2023	205	6.63	<0.1	315	6.56	1288.93	60.40	1228.53
MW-19	10/3/2023	92	7.79	<0.1	513	7.07	1293.90	68.15	1225.75
LCS-1	10/2/2023	NA	1360	2380	19557	7.62	NA	NA	NA
LCS-2	10/2/2023	NA	1360	1210	16217	7.29	NA	NA	NA
LCS-3	10/2/2023	NA	1380	1110	15674	7.49	NA	NA	NA
LCS-4	10/2/2023	NA	1400	1620	18440	7.37	NA	NA	NA
LCS-5	10/2/2023	NA	2080	2680	29557	7.63	NA	NA	NA
LCS-6	NS	NA	NS	NS	NS	NS	NA	NA	NA
LCS-7	10/3/2023	NA	2130	1630	17471	7.38	NA	NA	NA
LCS-8	10/3/2023	NA	1280	1020	12976	7.38	NA	NA	NA
LCS-9	10/3/2023	NA	1140	1380	16596	7.37	NA	NA	NA
LCS-10	10/3/2023	NA	1580	1770	23723	7.30	NA	NA	NA
LCS-11	10/3/2023	NA	1940	1800	22915	7.41	NA	NA	NA
LCS-12	10/3/2023	NA	1740 V	1560	22105	7.34	NA	NA	NA
LDS-1	10/2/2023	NA	481	17.9	6183	6.74	NA	NA	NA
LDS-2	10/2/2023	NA	351	10.6	4079	6.78	NA	NA	NA
LDS-3	10/2/2023	NA	1750	159	19733	7.32	NA	NA	NA
LDS-4	10/2/2023	NA	1110	1030	18438	7.54	NA	NA	NA
LDS-5	10/2/2023	NA	480	251	11527	7.41	NA	NA	NA
LDS-6	10/2/2023	NA	1350	169	13604	7.59	NA	NA	NA
LDS-7	10/3/2023	NA	228	88.5	6375	7.11	NA	NA	NA
LDS-8	10/3/2023	NA	1180	978	14601	7.31	NA	NA	NA
LDS-9	10/3/2023	NA	47.5 J6	14.2	2268	6.25	NA	NA	NA
LDS-10	10/3/2023	NA	913	599	12067	6.89	NA	NA	NA
LDS-11	10/3/2023	NA	2280	1630	27197	7.30	NA	NA	NA
LDS-12	10/3/2023	NA	1400	800	9590	7.10	NA	NA	NA
Field Blank	10/3/2023	NA	<3	<0.1	NA	NA	NA	NA	NA
Lab Method Blanks	---	NA	<3	<0.1	NA	NA	NA	NA	NA

Notes:

Depth to water collected by Promus Engineering on October 3, 2023.

NA: Not Applicable

Chloride Intra-Well Limit is the baseline mean concentration multiplied by 10. See Report Attachment D for calculations.

J6: The sample matrix interfered with the ability to make any accurate determination; spike value is low.

V: The sample concentration is too high to evaluate accurate spike recoveries.

NS - Not Sampled. LCS-6 (pump inoperable).

ATTACHMENT B

Historical Database

Table 1

Analytical Data Summary for LGW-10

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
4/30/2013 - 5/2/2013	.340	17.0	6.34	1020.0
6/4/2013 - 6/5/2013	.430	15.0	6.16	980.0
7/30/2013 - 8/9/2013	.330	14.0	6.43	932.0
9/10/2013 - 9/11/2013	.290	15.0	6.28	973.0
10/1/2013 - 10/2/2013	.110	15.0	6.52	957.0
11/6/2013	.260	15.0	6.51	889.0
12/2/2013 - 12/3/2013	.260	16.0	6.35	982.0
1/22/2014 - 1/30/2014	.300	15.0	6.66	872.0
1/30/2014 - 2/13/2014	.265 *	15.0 *	6.48 *	933.5 *
3/11/2014 - 3/12/2014	.270	15.0	6.73	1830.0
4/2/2014 - 4/3/2014	.270	15.0	6.49	1952.0
5/7/2014	.290	13.0	6.49	1773.0
6/3/2014	.290	13.0	6.05	986.0
7/8/2014 - 7/18/2014	.330	14.0	6.70	871.0
8/5/2014 - 8/6/2014	.240	14.0	6.23	995.0
9/4/2014 - 9/5/2014	.250	13.0	6.65	886.0
10/8/2014 - 10/9/2014	.140	13.0	6.45	926.0
10/9/2014 - 10/23/2014	.140	13.0	6.45	926.0
10/23/2014 - 11/3/2014	.190	13.0	6.89	914.0
1/14/2015 - 1/15/2015	.230	13.0	5.56	936.0
2/10/2015 - 2/13/2015	.260	14.0	6.00	950.0
3/3/2015	.110	13.0	6.50	897.0
4/1/2015 - 4/2/2015	.280	11.0	6.59	1037.0
5/6/2015 - 5/7/2015	.230	11.0	6.59	1412.0
6/2/2015 - 6/5/2015	.440	12.0	6.34	1474.0
7/7/2015 - 7/16/2015	.340	13.0	6.27	1794.0
7/22/2015 - 8/5/2015	.390	10.0	6.35	1284.0
9/2/2015 - 9/3/2015	.340	11.0	6.81	1703.0
10/5/2015 - 10/6/2015	.290	12.0	7.02	1609.0
11/4/2015 - 11/5/2015	.210	11.0	6.98	1440.0
12/3/2015 - 12/4/2015	.250	11.0	7.41	868.0
1/5/2016 - 1/8/2016	.360	11.0	6.59	920.0
2/3/2016 - 2/11/2016	.310	10.0	7.12 *	903.0 *
3/2/2016 - 3/3/2016	.220	11.0	7.09	898.0
4/5/2016 - 4/6/2016	.270	11.0	6.85	912.0
5/11/2016 - 5/12/2016	.200	11.0	6.52	801.0
6/1/2016 - 6/2/2016	.250	12.0	6.94	882.0
7/19/2016 - 7/22/2016	.270	13.0	6.20	849.0
8/10/2016 - 8/11/2016	.260	13.0	7.22	841.0
9/6/2016 - 9/7/2016	.210	13.0	6.78	785.0
10/5/2016 - 10/7/2016	.190 *	12.5 *	6.94	751.0
11/2/2016 - 11/3/2016	<.100	13.0	6.72	667.0
12/1/2016 - 12/2/2016	.140	13.0	7.45	928.0
1/10/2017 - 1/13/2017	.100	14.0	5.48	779.0
2/7/2017 - 2/8/2017	.170	14.0	7.68	741.0
3/1/2017 - 3/3/2017	.150	14.0	6.12	926.0
4/4/2017 - 4/6/2017	.220	14.0	6.47	920.0
5/2/2017 - 5/16/2017	.280	15.0	6.38	910.0
6/6/2017 - 6/7/2017	.130	14.0	6.40	905.0
7/18/2017 - 8/1/2017	.255 *	14.0 *	6.48 *	830.5 *
8/1/2017 - 8/2/2017	.230	13.0	6.58	877.0
9/5/2017 - 9/6/2017	.300	16.0	7.05	711.0
10/5/2017 - 10/9/2017	.270	15.0	7.00	888.0
11/1/2017 - 11/2/2017	.200	15.0	6.46	964.0
1/23/2018 - 1/26/2018	.160	13.0	6.46	727.0

* - The displayed value is the arithmetic mean of multiple database matches.

Table 1

Analytical Data Summary for LGW-10

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
2/21/2018 - 2/23/2018	.120	14.0	6.84	709.0
3/19/2018 - 3/22/2018	.290	15.0	6.37	788.0
4/9/2018 - 4/11/2018	.220 *	15.0 *	6.42 *	857.0 *
6/4/2018 - 6/6/2018	.300	16.0	6.33	907.0
7/10/2018 - 7/18/2018	.220	14.0	6.60	911.0
8/1/2018 - 8/2/2018	.170	15.0	6.61	804.0
9/4/2018 - 9/6/2018	.290	17.0	6.82	984.0
10/1/2018 - 10/4/2018	.310 *	15.0 *	6.41 *	835.0 *
11/6/2018 - 11/8/2018	.170	13.0	6.47	764.0
12/4/2018 - 12/5/2018	.170	16.0	6.48	816.0
1/2/2019 - 1/7/2019	.160	15.0	6.50	719.8
2/4/2019 - 2/6/2019	.220	16.0	6.41	732.0
3/4/2019 - 3/6/2019	.240	14.0	6.13	791.0
4/2/2019 - 4/3/2019	.260	16.0 *	6.41 *	863.0 *
5/1/2019 - 5/9/2019	.230	14.0	6.53	727.0
6/3/2019 - 6/5/2019	.310	17.0	6.38	890.0
7/8/2019 - 7/11/2019	.215 *	16.0 *	6.75 *	880.0 *
8/5/2019 - 8/8/2019	.250	13.0	6.52	896.0
9/3/2019 - 9/5/2019	.210	16.0	6.60	842.0
9/30/2019 - 10/3/2019	.250 *	16.5 *	6.55 *	885.0 *
11/5/2019 - 11/6/2019	.250	16.0	6.47	944.0
12/2/2019 - 12/12/2019	.220	17.0	6.54	781.0
1/13/2020 - 1/24/2020	.315	18.4	6.60	863.0
1/24/2020 - 2/4/2020	<1.000	19.0	6.56	767.0
3/2/2020 - 3/4/2020	.209	19.1	6.50	297.0
4/1/2020 - 4/3/2020	.284	19.0	6.50 *	806.0 *
5/4/2020 - 5/5/2020	.333	17.7	6.42	843.0
6/1/2020 - 6/3/2020	.324	18.1	6.49	838.0
7/6/2020 - 7/9/2020	.246 *	16.5 *	6.49 *	946.0 *
8/3/2020	.256	16.1	6.46	900.0
9/1/2020 - 9/14/2020	.143	15.5	6.43	817.0
10/5/2020 - 10/7/2020	<.100	15.8 *	6.62 *	671.0 *
11/2/2020 - 11/5/2020	<.100	15.5	6.64	730.0
12/1/2020 - 12/4/2020	.170	16.4	6.41	1034.0
1/13/2021 - 1/18/2021	<.100 *	37.0 *	6.09	487.4
2/9/2021 - 2/11/2021	.143	19.8	6.56	901.0
3/2/2021 - 3/3/2021	<.100	19.3	6.35	916.0
4/6/2021 - 4/9/2021	.165	19.5	6.43 *	898.0 *
5/4/2021 - 5/5/2021	.181	19.7	6.28	943.0
6/1/2021 - 6/2/2021	.234	20.0	6.35	933.0
7/1/2021 - 7/9/2021	.267 *	19.8 *	6.42 *	969.0 *
8/3/2021 - 8/4/2021	.147	20.0	6.36	940.0
9/1/2021 - 9/2/2021	.187	19.7	6.38	939.0
10/4/2021 - 10/7/2021	<.100	19.5 *	6.50 *	875.0 *
11/1/2021 - 11/2/2021	<.100	19.0	6.42	882.0
12/8/2021 - 12/9/2021	.118	18.6	6.43	879.0
1/12/2022 - 1/19/2022	.141	21.0 *	6.41 *	897.0 *
2/9/2022 - 2/10/2022	.126	20.2	6.49	913.0
3/1/2022 - 3/5/2022	<.100	21.1	6.44	910.0
4/4/2022 - 4/6/2022	.164	21.0	6.39 *	945.0 *
5/6/2022 - 5/7/2022	.170	22.5	6.60	915.0
6/2/2022 - 6/3/2022	.286	22.2	6.09	1143.0
7/9/2022 - 7/13/2022	.406	20.9	6.11	1006.0
8/9/2022 - 8/10/2022	.185	20.5	6.07	962.0
9/7/2022 - 9/8/2022	<.100	21.4	6.16	823.0

* - The displayed value is the arithmetic mean of multiple database matches.

Table 1

Analytical Data Summary for LGW-10

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
10/5/2022 - 10/7/2022	.106	20.0	6.37 *	956.0 *
11/2/2022 - 11/3/2022	<.100	20.0	6.21	818.0
12/6/2022 - 12/7/2022	<.100	20.5	6.16	1113.0
1/3/2023 - 1/11/2023	.225	21.1	6.46	919.0
2/3/2023 - 2/4/2023	.118	22.7	6.31	1788.0
3/1/2023 - 3/2/2023	.185	22.6	6.10	1023.0
4/4/2023 - 4/8/2023	.267	21.7	5.93	919.0
5/9/2023 - 5/11/2023	.227	22.1	5.97	878.0
6/7/2023 - 6/8/2023	.164	23.1	5.72	949.0
7/5/2023 - 7/10/2023	<.100	21.5	6.36	929.0
8/1/2023 - 8/3/2023	<.100	22.1	3.83	820.0
9/1/2023 - 9/2/2023	.107	21.0	6.38	1071.0
10/2/2023 - 10/6/2023	.100	24.2	6.47	1048.0

* - The displayed value is the arithmetic mean of multiple database matches.

Table 2

Analytical Data Summary for LGW-14R

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
12/6/2012	<.100 *	4.10 *	7.30 *	317.0 *
1/23/2013 - 2/5/2013	<.100 *	3.65 *	7.57 *	339.0 *
3/5/2013	<.100 *	3.90 *	7.45 *	348.0 *
4/30/2013 - 5/2/2013	<.100	3.80	7.30	335.0
6/4/2013 - 6/5/2013	<.100	3.70	7.14	349.0
7/30/2013 - 8/9/2013	<.100	3.80	7.36	347.0
9/10/2013 - 9/11/2013	<.100	3.90	7.43	341.0
10/1/2013 - 10/2/2013	<.100	3.60	7.64	355.0
11/6/2013	<.100	3.70	7.39	347.0
12/2/2013 - 12/3/2013	<.100	3.90	7.11	336.0
1/22/2014 - 1/30/2014	<.100	3.90	7.30	340.0
1/30/2014 - 2/13/2014	<.100	3.90	7.45	341.0
3/11/2014 - 3/12/2014	<.100	3.80	7.64	676.0
4/2/2014 - 4/3/2014	<.100	3.80	7.61	687.0
5/7/2014	<.100	3.90	7.52	661.0
6/3/2014	<.100	3.80	7.19	363.0
7/8/2014 - 7/18/2014	<.100	3.80	7.47	359.0
8/5/2014 - 8/6/2014	<.100	3.90	7.42	373.0
9/4/2014 - 9/5/2014	<.100	4.00	7.25	368.0
10/8/2014 - 10/9/2014	<.100	4.00	7.49	367.0
10/9/2014 - 10/23/2014	<.100	4.00	7.49	367.0
10/23/2014 - 11/3/2014	<.100	4.10	7.46	362.0
1/14/2015 - 1/15/2015	<.100	4.30	5.81	379.0
2/10/2015 - 2/13/2015	<.100	4.00	7.48	383.0
3/3/2015	<.100	4.20	7.44	353.0
4/1/2015 - 4/2/2015	<.100	4.00	7.32	398.0
5/6/2015 - 5/7/2015	<.100	4.60	7.62	607.0
6/2/2015 - 6/5/2015	<.100	4.00	7.90	613.0
7/16/2015 - 7/22/2015	<.100	3.90	7.99	721.0
7/22/2015 - 8/5/2015	<.100 *	3.85 *	7.89 *	700.0 *
9/2/2015 - 9/3/2015	<.100	4.10	7.86	679.0
10/5/2015 - 10/6/2015	<.100	4.00	7.86	636.0
11/4/2015 - 11/5/2015	<.100	4.10	7.42	608.0
12/3/2015 - 12/4/2015	<.100	4.50	7.54	369.0
1/5/2016 - 1/8/2016	<.100	4.40	7.29	362.0
2/3/2016 - 2/11/2016	<.100	4.00	8.17	373.0
3/2/2016 - 3/3/2016	<.100	4.00	7.84	368.0
4/5/2016 - 4/6/2016	<.100	4.30	8.08	370.0
5/11/2016 - 5/12/2016	<.100	4.10	7.63	353.0
6/1/2016 - 6/2/2016	<.100	4.40	7.88	362.0
7/19/2016 - 7/22/2016	<.100	4.10	7.16	324.0
8/10/2016 - 8/11/2016	<.100	4.20	8.33	317.0
9/6/2016 - 9/7/2016	<.100	4.50	7.51	304.0
10/5/2016 - 10/7/2016	<.100	4.10	7.21	501.0
11/2/2016 - 11/3/2016	<.100	4.50	7.27	297.0
12/1/2016 - 12/2/2016	<.100	4.10	8.09	376.0
1/10/2017 - 1/13/2017	<.100	4.50	6.47	293.0
2/7/2017 - 2/8/2017	<.100	4.50	6.64	308.0
3/1/2017 - 3/3/2017	<.100	4.40	6.26	375.0
4/4/2017 - 4/6/2017	<.100	4.70	7.44	362.0
5/2/2017 - 5/16/2017	<.100	4.60	7.49	355.0
6/6/2017 - 6/7/2017	<.100	4.60	7.54	340.0
7/18/2017 - 8/1/2017	<.100 *	4.55 *	7.34 *	359.5 *
8/1/2017 - 8/2/2017	<.100	4.60	7.41	353.0
9/5/2017 - 9/6/2017	<.100	4.60	7.18	324.0

* - The displayed value is the arithmetic mean of multiple database matches.

Table 2

Analytical Data Summary for LGW-14R

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
10/5/2017 - 10/9/2017	<.100	4.50	7.20	390.0
11/1/2017 - 11/2/2017	<.100	4.50	7.38	392.0
1/23/2018 - 1/26/2018	<.100	3.90	7.33	345.3
2/21/2018 - 2/23/2018	<.100	4.20	7.25	382.5
3/19/2018 - 3/22/2018	.100	4.60	7.23	374.1
4/9/2018 - 4/11/2018	<.100	4.20	7.22	366.6
6/4/2018 - 6/6/2018	<.100	4.50	7.43	377.5
6/21/2018			7.32	401.7
7/10/2018 - 7/18/2018	<.100	4.20	7.40	394.0
7/18/2018 - 8/1/2018	1.200	4.70	7.18	379.0
8/1/2018 - 8/2/2018	1.200	4.70	7.18	379.0
9/4/2018 - 9/6/2018	<.100	5.20	7.00	431.0
10/1/2018 - 10/4/2018	<.100	4.20	7.17 *	383.9 *
11/6/2018 - 11/8/2018	<.100	4.30	7.22	377.4
12/4/2018 - 12/5/2018	.210	4.40	7.33	389.0
1/2/2019 - 1/7/2019	<.100	4.30	6.65	340.0
2/4/2019 - 2/6/2019	<.100	4.50	7.11	349.6
3/4/2019 - 3/6/2019	<.100	4.10	6.82	359.0
4/2/2019 - 4/3/2019	<.100	4.70	7.02	411.5
5/1/2019 - 5/9/2019	<.100	4.30	7.49	363.1
6/3/2019 - 6/5/2019	<.100	3.90	7.15	401.5
7/8/2019 - 7/11/2019	<.100 *	4.35 *	7.18 *	431.7 *
8/5/2019 - 8/8/2019	<.100	3.90	7.33	398.1
9/3/2019 - 9/5/2019	<.100	4.30	7.02	391.3
9/30/2019 - 10/3/2019	<.100	4.60	7.29	401.1
11/5/2019 - 11/6/2019	<.100	4.10	7.18	411.0
12/2/2019 - 12/12/2019	<.100	4.30	7.42	358.9
1/13/2020 - 1/24/2020	<.100	4.68	7.33	339.6
1/24/2020 - 2/4/2020	<1.000	4.81	7.33	345.3
3/2/2020 - 3/4/2020	<.100	4.68	7.22	357.1
4/1/2020 - 4/3/2020	<.100	4.67	7.00	373.5
5/4/2020 - 5/5/2020	<.100	4.34	7.14	376.4
6/1/2020 - 6/3/2020	<.100	4.58	7.15	382.1
7/6/2020 - 7/9/2020	<.100 *	4.56 *	7.15 *	444.1 *
8/3/2020	<.100	4.49	7.10	357.3
9/1/2020 - 9/14/2020	<.100	4.53	7.07	412.3
10/5/2020 - 10/7/2020	<.100	4.36	7.17	357.7
11/2/2020 - 11/5/2020	<.100	4.58	7.27	388.5
12/1/2020 - 12/4/2020	<.100	4.42	7.11	410.9
1/13/2021 - 1/18/2021	<.100 *	4.76 *	6.83 *	314.9 *
2/9/2021 - 2/11/2021	<.100	4.66	7.26	453.8
3/2/2021 - 3/3/2021	<.100	4.42	7.07	465.0
4/6/2021 - 4/9/2021	<.100	4.66	7.11 *	463.0 *
5/4/2021 - 5/5/2021	<.100	4.61	7.06	482.0
6/1/2021 - 6/2/2021	<.100	4.91	7.00	483.0
7/1/2021 - 7/9/2021	<.100 *	5.05 *	7.11 *	488.0 *
8/3/2021 - 8/4/2021	<.100	4.64	7.08	478.0
9/1/2021 - 9/2/2021	<.100	5.15	7.05	471.0
10/4/2021 - 10/7/2021	<.100	4.69	7.10 *	474.0 *
11/1/2021 - 11/2/2021	<.100	4.47	7.03	482.0
12/8/2021 - 12/9/2021	<.100	4.18	7.05	479.0
1/12/2022 - 1/19/2022	<.100	4.99 *	7.08 *	490.0 *
2/9/2022 - 2/10/2022	<.100	5.11	7.10	505.0
3/1/2022 - 3/5/2022	<.100	4.87	7.02	504.0
4/4/2022 - 4/6/2022	<.100	4.75	6.93	520.0

* - The displayed value is the arithmetic mean of multiple database matches.

Table 2

Analytical Data Summary for LGW-14R

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
5/6/2022 - 5/7/2022	<.100	4.96	6.92	560.0
6/2/2022 - 6/3/2022	<.100	5.33	6.77	588.0
7/9/2022 - 7/13/2022	.181	4.90	6.76	507.0
8/9/2022 - 8/10/2022	<.100	4.95	6.73	537.0
9/7/2022 - 9/8/2022	<.100	5.05	6.69	509.0
10/5/2022 - 10/7/2022	<.100	4.69	6.38	493.0
11/2/2022 - 11/3/2022	<.100	4.78	6.90	551.0
12/6/2022 - 12/7/2022	<.100	4.88	6.72	631.0
1/3/2023 - 1/11/2023	<.100	4.88	6.98	507.0
2/3/2023 - 2/4/2023	<.100	5.42	6.94	1045.0
3/1/2023 - 3/2/2023	<.100	5.49	6.66	557.0
4/4/2023 - 4/8/2023	<.100	4.90	6.48	524.0
5/9/2023 - 5/11/2023	<.100	5.26	6.61	545.0
6/7/2023 - 6/8/2023	<.100	5.56	6.49	576.0
7/5/2023 - 7/10/2023	.161	5.15	6.82	597.0
8/1/2023 - 8/3/2023	<.100	5.39	5.93	648.0
9/1/2023 - 9/2/2023	<.100	5.17	6.86	704.0
10/2/2023 - 10/6/2023	<.100	5.64	6.86	750.0

* - The displayed value is the arithmetic mean of multiple database matches.

Table 3

Analytical Data Summary for LGW-2

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
4/30/2013 - 5/2/2013	<.100	8.90	6.91	602.0
6/4/2013 - 6/5/2013	<.100	8.90	6.85	632.0
7/15/2013 - 7/17/2013	<.100	9.00	6.93	597.0
7/30/2013 - 8/9/2013	<.100	8.90	7.12	604.0
9/10/2013 - 9/11/2013	<.100	<3.00	7.00	593.0
10/1/2013 - 10/2/2013	<.100	8.40	7.23	620.0
11/6/2013	<.100	8.50	6.99	624.0
12/2/2013 - 12/3/2013	<.100	9.20	7.04	594.0
1/22/2014 - 1/30/2014	<.100	8.50	6.83	619.0
1/30/2014 - 2/13/2014	<.100 *	8.80 *	7.43 *	619.0 *
3/11/2014 - 3/12/2014	<.100	9.00	7.35	1575.0
4/2/2014 - 4/3/2014	.310	8.80	7.19	1180.0
5/7/2014	<.100	8.80	7.13	1087.0
6/3/2014	<.100	8.60	6.91	606.0
7/8/2014 - 7/18/2014	<.100	9.00	7.21	605.0
8/5/2014 - 8/6/2014	<.100	8.60	6.80	615.0
9/4/2014 - 9/5/2014	<.100	8.40	7.03	600.0
10/8/2014 - 10/9/2014	<.100	9.00	7.65	605.0
10/9/2014 - 10/23/2014	<.100	9.00	7.65	605.0
10/23/2014 - 11/3/2014	<.100	9.00	6.57	590.0
1/14/2015 - 1/15/2015	<.100	9.10	5.74	618.0
2/10/2015 - 2/13/2015	<.100	8.80	7.70	634.0
3/3/2015	<.100	8.90	7.09	590.0
4/1/2015 - 4/2/2015	<.100	8.80	6.88	648.0
5/6/2015 - 5/7/2015	<.100	8.40	7.17	991.0
6/2/2015 - 6/5/2015	<.100	8.90	7.14	997.0
7/7/2015 - 7/16/2015	<.100	8.20	7.19	1082.0
7/22/2015 - 8/5/2015	<.100	8.60	7.50	1006.0
9/2/2015 - 9/3/2015	<.100	8.20	7.20	1080.0
10/5/2015 - 10/6/2015	<.100	7.90	7.75	1014.0
11/4/2015 - 11/5/2015	<.100	8.70	7.06	960.0
12/3/2015 - 12/4/2015	<.100	10.00	7.06	586.0
1/5/2016 - 1/8/2016	<.100	9.60	6.90	575.0
2/3/2016 - 2/11/2016	<.100	9.20	7.24	589.0
3/2/2016 - 3/3/2016	<.100	9.10	7.55	585.0
4/5/2016 - 4/6/2016	<.100	9.50	7.28	586.0
5/11/2016 - 5/12/2016	<.100	8.20	6.94	564.0
6/1/2016 - 6/2/2016	<.100	9.60	7.38	580.0
7/19/2016 - 7/22/2016	<.100	9.20	7.39	521.0
8/10/2016 - 8/11/2016	<.100	8.60	8.47	513.0
9/6/2016 - 9/7/2016	<.100	9.90	7.40	487.0
10/5/2016 - 10/7/2016	<.100	8.80	7.40	484.0
11/2/2016 - 11/3/2016	<.100	9.70	6.85	480.0
12/1/2016 - 12/2/2016	<.100	9.30	7.60	690.0
1/10/2017 - 1/13/2017	<.100	9.90	5.08	674.0
2/7/2017 - 2/8/2017	<.100	9.50	6.27	483.0
3/1/2017 - 3/3/2017	<.100	8.50	6.47	651.0
4/4/2017 - 4/6/2017	<.100	9.50	6.79	669.0
5/2/2017 - 5/16/2017	<.100	9.60	6.69	745.0
6/6/2017 - 6/7/2017	<.100	9.90	6.76	717.0
7/18/2017 - 8/1/2017	.420 *	10.00 *	6.62 *	514.0 *
8/1/2017 - 8/2/2017	.530	10.00	6.77	493.0
9/5/2017 - 9/6/2017	.390	10.00	6.68	501.0
10/5/2017 - 10/9/2017	.170	9.90	6.23	772.0
11/1/2017 - 11/2/2017	.250	9.60	6.69	710.0

* - The displayed value is the arithmetic mean of multiple database matches.

Table 3

Analytical Data Summary for LGW-2

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
1/23/2018 - 1/26/2018	.160	10.00	6.49	809.0
2/21/2018 - 2/23/2018	.120	9.10	6.44	837.0
3/19/2018 - 3/22/2018	.250	9.50	6.57	671.0
4/9/2018 - 4/11/2018	.110	8.90	6.45	775.0
6/4/2018 - 6/6/2018	.270	9.60	6.54	678.0
6/21/2018			6.60	792.0
7/10/2018 - 7/18/2018	.220	8.70	6.51	943.0
7/18/2018 - 8/1/2018	.180	9.80	6.45	919.0
8/1/2018 - 8/2/2018	.180	9.80	6.45	919.0
9/4/2018 - 9/6/2018	.190	11.00	6.41	1043.0
10/1/2018 - 10/4/2018	.240	8.80	6.37 *	1032.0 *
11/6/2018 - 11/8/2018	.270	7.60	6.34	984.0
12/4/2018 - 12/5/2018	.270	8.90	6.45	951.0
1/2/2019 - 1/7/2019	.230	8.90	6.39	809.0
2/4/2019 - 2/6/2019	.270	10.00	6.54	676.0
3/4/2019 - 3/6/2019	.350	7.90	6.55	737.0
4/2/2019 - 4/3/2019	.400	9.70	6.47	840.0
5/1/2019 - 5/9/2019	.330	8.40	6.53	750.0
6/3/2019 - 6/5/2019	.400	10.00	6.31	764.0
6/5/2019 - 6/18/2019	.400	10.00	6.31	764.0
7/8/2019 - 7/11/2019	.500	8.40 *	6.69 *	823.0 *
8/5/2019 - 8/8/2019	.320	7.60	6.68	814.0
9/3/2019 - 9/5/2019	.280	9.00	6.68	755.0
9/30/2019 - 10/3/2019	.320	9.40	6.99	622.0
11/5/2019 - 11/6/2019	.580	9.70	6.68	708.0
12/2/2019 - 12/12/2019	.510	9.30	6.67	649.3
1/13/2020 - 1/24/2020	.586	9.66	6.55	503.2
1/24/2020 - 2/4/2020	.425	9.80	6.70	686.0
3/2/2020 - 3/4/2020	.373	9.95	6.72	685.0
4/1/2020 - 4/3/2020	.395	9.78	6.65 *	595.0 *
5/4/2020 - 5/5/2020	.551	9.59	6.62	605.0
6/1/2020 - 6/3/2020	.380	9.84	6.81	567.0
7/6/2020 - 7/9/2020	.256 *	9.38 *	6.79 *	529.4 *
8/3/2020	.407	9.96	6.75	625.0
9/1/2020 - 9/14/2020	.186	9.37	6.87	552.1
10/5/2020 - 10/7/2020	.422	11.20	6.84	499.4
11/2/2020 - 11/5/2020	.321	9.38	6.81	539.7
12/1/2020 - 12/4/2020	.350	9.35	6.69	619.2
1/13/2021 - 1/18/2021	.173 *	9.34 *	6.36 *	403.5 *
2/9/2021 - 2/11/2021	.460	9.47	6.81	684.0
3/2/2021 - 3/3/2021	.228	9.09	6.66	697.0
4/6/2021 - 4/9/2021	.172	9.99	6.84	649.0
5/4/2021 - 5/5/2021	<.100	8.99	6.80	638.0
6/1/2021 - 6/2/2021	<.100	9.18	6.67	624.0
7/1/2021 - 7/9/2021	.148 *	9.59 *	6.77 *	632.0 *
8/3/2021 - 8/4/2021	<.100	9.69	6.88	624.0
9/1/2021 - 9/2/2021	<.100	9.70	6.82	624.0
10/4/2021 - 10/7/2021	<.100	9.37	6.87 *	609.0 *
11/1/2021 - 11/2/2021	<.100	9.15	6.76	613.0
12/8/2021 - 12/9/2021	<.100	8.67	6.84	590.0
1/12/2022 - 1/19/2022	<.100	9.60 *	6.86 *	611.0 *
2/9/2022 - 2/10/2022	<.100	9.66	6.89	625.0
3/1/2022 - 3/5/2022	<.100	9.54	6.82	632.0
4/4/2022 - 4/6/2022	<.100	9.60	6.73	638.0
5/6/2022 - 5/7/2022	<.100	9.80	6.75	683.0

* - The displayed value is the arithmetic mean of multiple database matches.

Table 3

Analytical Data Summary for LGW-2

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
6/2/2022 - 6/3/2022	<.100	10.30	6.54	717.0
7/9/2022 - 7/13/2022	<.100	10.10	6.50	651.0
8/9/2022 - 8/10/2022	<.100	9.92	6.46	636.0
9/7/2022 - 9/8/2022	<.100	10.30	6.55	618.0
10/5/2022 - 10/7/2022	<.100	9.47	6.31	600.0
11/2/2022 - 11/3/2022	<.100	9.28	6.74	591.0
12/6/2022 - 12/7/2022	<.100	9.61	6.57	694.0
1/3/2023 - 1/11/2023	<.100	9.88	6.94	575.0
2/3/2023 - 2/4/2023	<.100	10.60	6.77	1115.0
3/1/2023 - 3/2/2023	<.100	10.90	6.59	634.0
4/4/2023 - 4/8/2023	<.100	9.82	6.71	684.0
5/9/2023 - 5/11/2023	<.100	10.40	6.45	588.0
6/7/2023 - 6/8/2023	<.100	10.20	6.49	615.0
7/5/2023 - 7/10/2023	<.100	10.20	7.24	632.0
8/1/2023 - 8/3/2023	<.100	10.60	4.92	610.0
9/1/2023 - 9/2/2023	<.100	10.40	6.89	699.0
10/2/2023 - 10/6/2023	<.100	11.30	6.73	708.0

* - The displayed value is the arithmetic mean of multiple database matches.

Table 4

Analytical Data Summary for LGW-3R

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
12/6/2012	<.100 *	36.00 *	6.83 *	562.0 *
1/23/2013 - 2/5/2013	<.100 *	36.00 *	7.01 *	525.0 *
3/5/2013	<.100 *	35.00 *	6.95 *	594.0 *
4/30/2013 - 5/2/2013	<.100	9.90	7.09	298.0
6/4/2013 - 6/5/2013	<.100	6.60	6.72	294.0
7/15/2013 - 7/17/2013	<.100	14.00	6.85	420.0
7/30/2013 - 8/9/2013	<.100	22.00	7.00	471.0
9/10/2013 - 9/11/2013	<.100	20.00	6.88	449.0
10/1/2013 - 10/2/2013	<.100	26.00	7.23	518.0
11/6/2013	<.100	25.00	6.80	507.0
12/2/2013 - 12/3/2013	<.100	29.00	6.90	515.0
1/22/2014 - 1/30/2014	<.100	24.00	6.75	477.0
1/30/2014 - 2/13/2014	<.100	26.00	6.99	500.0
3/11/2014 - 3/12/2014	<.100	28.00	7.12	1008.0
4/2/2014 - 4/3/2014	.180	27.00	7.69	1038.0
5/7/2014	<.100	25.00	7.07	775.0
6/3/2014	<.100	27.00	7.00	526.0
7/8/2014 - 7/18/2014	<.100	28.00	7.10	412.0
8/5/2014 - 8/6/2014	<.100	29.00	7.05	553.0
9/4/2014 - 9/5/2014	<.100	29.00	6.97	546.0
10/8/2014 - 10/9/2014	<.100	30.00	7.23	552.0
10/9/2014 - 10/23/2014	<.100	30.00	7.23	552.0
10/23/2014 - 11/3/2014	<.100	30.00	6.85	526.0
1/14/2015 - 1/15/2015	<.100	28.00	5.67	534.0
2/10/2015 - 2/13/2015	<.100	29.00	6.99	564.0
3/3/2015	<.100	29.00	7.03	513.0
4/1/2015 - 4/2/2015	<.100	24.00	6.83	545.0
5/6/2015 - 5/7/2015	<.100	27.00	7.07	864.0
6/2/2015 - 6/5/2015	<.100	27.00	7.36	957.0
7/7/2015 - 7/16/2015	.140	14.00	7.37	810.0
7/16/2015 - 7/22/2015	.140	14.00	7.37	810.0
7/22/2015 - 8/5/2015	<.100	6.90	8.34	362.0
9/2/2015 - 9/3/2015	<.100	7.30	8.25	461.0
10/5/2015 - 10/6/2015	<.100	13.00	8.47	767.0
11/4/2015 - 11/5/2015	<.100	15.00	8.38	588.0
12/3/2015 - 12/4/2015	<.100	8.50	9.02	484.0
1/5/2016 - 1/8/2016	<.100	12.00	7.80	194.0
2/3/2016 - 2/11/2016	<.100	7.60	8.33	147.0
3/2/2016 - 3/3/2016	<.100	7.60	8.13	122.0
4/5/2016 - 4/6/2016	<.100	7.00	8.13	184.0
5/11/2016 - 5/12/2016	<.100	7.00	7.86	207.0
6/1/2016 - 6/2/2016	<.100	7.50	8.85	352.0
7/19/2016 - 7/22/2016	<.100	7.20	7.60	210.0
8/10/2016 - 8/11/2016	<.100	8.10	7.82	213.0
9/6/2016 - 9/7/2016	<.100	19.00	7.23	455.0
10/5/2016 - 10/7/2016	<.100	17.00	7.13	399.0
11/2/2016 - 11/3/2016	<.100	26.00	8.89	615.0
12/1/2016 - 12/2/2016	<.100	23.00	7.11	574.0
1/10/2017 - 1/13/2017	<.100	30.00	5.87	442.0
2/7/2017 - 2/8/2017	<.100	30.00	6.54	512.0
3/1/2017 - 3/3/2017	<.100	27.00	6.36	541.0
4/4/2017 - 4/6/2017	<.100	27.00	6.93	608.0
5/2/2017 - 5/16/2017	<.100	13.00	7.15	460.0
6/6/2017 - 6/7/2017	<.100	11.00	7.40	346.0
7/18/2017 - 8/1/2017	<.100 *	16.00 *	6.91 *	465.0 *

* - The displayed value is the arithmetic mean of multiple database matches.

Table 4

Analytical Data Summary for LGW-3R

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
8/1/2017 - 8/2/2017	<.100	17.00	6.96	490.0
9/5/2017 - 9/6/2017	<.100	16.00	6.70	402.0
10/5/2017 - 10/9/2017	<.100	19.00	6.67	572.0
11/1/2017 - 11/2/2017	<.100	18.00	6.93	571.0
1/23/2018 - 1/26/2018	<.100	26.00	6.70	592.5
2/21/2018 - 2/23/2018	<.100	23.00	6.77	669.0
3/19/2018 - 3/22/2018	<.100	16.00	6.66	531.3
4/9/2018 - 4/11/2018	<.100	13.00	6.82	521.2
6/4/2018 - 6/6/2018	<.100	15.00	6.91	504.9
7/10/2018 - 7/18/2018	<.100	18.00	6.65	559.0
7/18/2018 - 8/1/2018	<.100	18.00	6.64	503.0
8/1/2018 - 8/2/2018	<.100	18.00	6.64	503.0
9/4/2018 - 9/6/2018	<.100	21.00	6.37	577.0
10/1/2018 - 10/4/2018	<.100	19.00	6.70	594.0
11/6/2018 - 11/8/2018	<.100	17.00	6.68	577.6
12/4/2018 - 12/5/2018	<.100	21.00	6.79	587.6
1/2/2019 - 1/7/2019	<.100	20.00	6.17	536.0
2/4/2019 - 2/6/2019	<.100	14.00	6.77	484.3
3/4/2019 - 3/6/2019	<.100	12.00	6.32	350.0
4/2/2019 - 4/3/2019	<.100	14.00	6.75	474.6
5/1/2019 - 5/9/2019	<.100	11.00	7.50	445.2
6/3/2019 - 6/5/2019	<.100	9.10	6.84	3713.0
6/5/2019 - 6/18/2019	<.100	9.10	6.84	3713.0
7/8/2019 - 7/11/2019	<.100 *	9.40 *	6.61 *	407.9 *
8/5/2019 - 8/8/2019	<.100	7.50	7.71	402.7
9/3/2019 - 9/5/2019	<.100	9.30	7.48	401.6
9/30/2019 - 10/3/2019	<.100	11.00	6.99	418.6
11/5/2019 - 11/6/2019	<.100	9.60	6.45	370.8
12/2/2019 - 12/12/2019	<.100	8.00	6.54	279.6
1/13/2020 - 1/24/2020	<.100	8.25	6.34	243.4
1/24/2020 - 2/4/2020	<1.000	6.75	6.09	208.6
3/2/2020 - 3/4/2020	<.100	7.80	6.51	342.5
4/1/2020 - 4/3/2020	<.100	6.62	6.63	355.7
5/4/2020 - 5/5/2020	<.100	6.65	6.23	381.3
6/1/2020 - 6/3/2020	<.100	6.53	6.42	493.3
7/6/2020 - 7/9/2020	<.100 *	6.37 *	6.53 *	456.6 *
8/3/2020	<.100	7.65	6.14	273.6
9/1/2020 - 9/14/2020	<.100	7.09	6.15	269.0
10/5/2020 - 10/7/2020	<.100	6.64	5.65	140.0
11/2/2020 - 11/5/2020	<.100	5.88	6.16	180.6
12/1/2020 - 12/4/2020	<.100	5.76	6.07	214.1
1/13/2021 - 1/18/2021	<.100 *	6.24 *	6.05 *	270.5 *
2/9/2021 - 2/11/2021	<.100	5.88	5.85	147.8
3/2/2021 - 3/3/2021	<.100	5.38	5.59	146.0
4/6/2021 - 4/9/2021	<.100	5.60	5.44 *	112.0 *
5/4/2021 - 5/5/2021	<.100	5.91	5.98	281.0
6/1/2021 - 6/2/2021	<.100	6.07	5.59	169.0
7/1/2021 - 7/9/2021	<.100 *	5.83 *	5.68 *	173.0 *
8/3/2021 - 8/4/2021	<.100	5.38	5.52	130.0
9/1/2021 - 9/2/2021	<.100	5.10	5.43	118.0
10/4/2021 - 10/7/2021	<.100	4.62	5.67	137.0
11/1/2021 - 11/2/2021	<.100	11.80	6.56	584.0
12/8/2021 - 12/9/2021	<.100	4.35	5.54	117.0
1/12/2022 - 1/19/2022	<.100	5.81 *	5.72 *	160.0 *
2/9/2022 - 2/10/2022	<.100	5.21	5.61	134.0

* - The displayed value is the arithmetic mean of multiple database matches.

Table 4

Analytical Data Summary for LGW-3R

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
3/1/2022 - 3/5/2022	<.100	5.76	5.78	195.0
4/4/2022 - 4/6/2022	<.100	5.73	5.48	145.0
5/6/2022 - 5/7/2022	<.100	5.25	5.73	199.0
6/2/2022 - 6/3/2022	.121	6.11	5.76	338.0
7/9/2022 - 7/13/2022	.110	5.43	5.57	223.0
8/9/2022 - 8/10/2022	<.100	6.03	5.15	175.0
9/7/2022 - 9/8/2022	<.100	5.92	5.14	132.0
10/5/2022 - 10/7/2022	<.100	5.04	4.73	107.0
11/2/2022 - 11/3/2022	<.100	4.91	5.16	121.0
12/6/2022 - 12/7/2022	<.100	5.15	5.07	149.0
1/3/2023 - 1/11/2023	<.100	5.40	5.45	109.0
2/3/2023 - 2/4/2023	<.100	5.74	5.33	205.0
3/1/2023 - 3/2/2023	<.100	6.20	5.04	110.0
4/4/2023 - 4/8/2023	<.100	4.75	5.44	139.0
5/9/2023 - 5/11/2023	<.100	6.05	5.10	118.0
6/7/2023 - 6/8/2023	<.100	5.68	4.68	108.0
7/5/2023 - 7/10/2023	<.100	5.33	4.66	102.0
8/1/2023 - 8/3/2023	<.100	5.29	3.44	107.0
9/1/2023 - 9/2/2023	<.100	24.80	5.27	116.0
10/2/2023 - 10/6/2023	<.100	4.93	5.09	115.0

* - The displayed value is the arithmetic mean of multiple database matches.

Table 5

Analytical Data Summary for LGW-4

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
4/30/2013 - 5/2/2013	<.100	9.40	7.16	307.0
6/4/2013 - 6/5/2013	<.100	7.70	7.19	300.0
7/15/2013 - 7/17/2013	<.100	11.00	7.23	362.0
7/30/2013 - 8/9/2013	<.100	11.00	7.34	354.0
9/10/2013 - 9/11/2013	<.100	11.00	7.33	367.0
10/1/2013 - 10/2/2013	<.100	13.00	7.63	401.0
11/6/2013	<.100	9.30	7.29	401.0
12/2/2013 - 12/3/2013	<.100	16.00	7.05	408.0
1/22/2014 - 1/30/2014	<.100	15.00	7.14	398.0
1/30/2014 - 2/13/2014	<.100	15.00	7.28	403.0
3/11/2014 - 3/12/2014	<.100	16.00	7.49	772.0
4/2/2014 - 4/3/2014	.240	16.00	7.50	824.0
5/7/2014	<.100	10.00	7.40	735.0
6/3/2014	<.100	16.00	7.15	409.0
7/8/2014 - 7/18/2014	<.100	15.00	7.49	403.0
8/5/2014 - 8/6/2014	<.100	13.00	7.26	420.0
9/4/2014 - 9/5/2014	<.100	12.00	7.05	411.0
10/8/2014 - 10/9/2014	<.100	12.00	7.67	422.0
10/9/2014 - 10/23/2014	<.100	12.00	7.67	422.0
10/23/2014 - 11/3/2014	<.100	14.00	7.17	430.0
1/14/2015 - 1/15/2015	<.100	12.00	5.95	455.0
2/10/2015 - 2/13/2015	<.100	17.00	7.20	500.0
3/3/2015	<.100	12.00	7.09	459.0
4/1/2015 - 4/2/2015	<.100	10.00	7.11	468.0
5/6/2015 - 5/7/2015	<.100	12.00	7.15	719.0
6/2/2015 - 6/5/2015	<.100	8.40	7.80	690.0
7/7/2015 - 7/16/2015	<.100	12.00	7.27	721.0
7/22/2015 - 8/5/2015	<.100	7.40	7.74	733.0
9/2/2015 - 9/3/2015	<.100	7.50	7.55	743.0
10/5/2015 - 10/6/2015	<.100	8.70	7.91	712.0
11/4/2015 - 11/5/2015	<.100	10.00	7.57	691.0
12/3/2015 - 12/4/2015	<.100	9.20	7.87	430.0
1/5/2016 - 1/8/2016	<.100	8.00	7.21	381.0
2/3/2016 - 2/11/2016	<.100	7.30	7.98	378.0
3/2/2016 - 3/3/2016	<.100	6.90	7.90	382.0
4/5/2016 - 4/6/2016	<.100	9.50	7.78	907.0
5/11/2016 - 5/12/2016	<.100	8.10	7.58	388.0
6/1/2016 - 6/2/2016	<.100	11.00	7.90	419.0
7/19/2016 - 7/22/2016	<.100	12.00	7.43	398.0
8/10/2016 - 8/11/2016	<.100	11.00	8.15	390.0
9/6/2016 - 9/7/2016	<.100	16.00	7.18	392.0
10/5/2016 - 10/7/2016	<.100	14.00	7.10	389.0
11/2/2016 - 11/3/2016	<.100	16.00	7.20	385.0
12/1/2016 - 12/2/2016	<.100	17.00	7.91	496.0
1/10/2017 - 1/13/2017	<.100	19.00	6.19	465.0
2/7/2017 - 2/8/2017	<.100	17.00	6.39	435.0
3/1/2017 - 3/3/2017	<.100	18.00	6.39	460.0
4/4/2017 - 4/6/2017	<.100	16.00	7.16	501.0
5/2/2017 - 5/16/2017	<.100	11.00	7.13 *	427.0 *
6/6/2017 - 6/7/2017	<.100	11.00	7.16	431.0
7/18/2017 - 8/1/2017	<.100 *	13.50 *	7.10 *	463.5 *
8/1/2017 - 8/2/2017	<.100	14.00	7.16	427.0
9/5/2017 - 9/6/2017	<.100	13.00	7.12	449.0
10/5/2017 - 10/9/2017	<.100	14.00	6.71	555.0
11/1/2017 - 11/2/2017	<.100	14.00	6.95	531.0

* - The displayed value is the arithmetic mean of multiple database matches.

Table 5

Analytical Data Summary for LGW-4

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
1/23/2018 - 1/26/2018	<.100	19.00	6.63	521.4
2/21/2018 - 2/23/2018	<.100	16.00	6.71	562.6
3/19/2018 - 3/22/2018	<.100	16.00	6.56	509.7
4/9/2018 - 4/11/2018	<.100	13.00	6.69	519.7
6/4/2018 - 6/6/2018	<.100	14.00	7.07	515.0
7/10/2018 - 7/18/2018	<.100	15.00	6.51	572.9
7/18/2018 - 8/1/2018	<.100	15.00	6.72	509.0
8/1/2018 - 8/2/2018	<.100	15.00	6.72	509.0
9/4/2018 - 9/6/2018	<.100	18.00	6.41	567.0
10/1/2018 - 10/4/2018	<.100	15.00	6.71	564.2
11/6/2018 - 11/8/2018	<.100	16.00	6.65	540.7
12/4/2018 - 12/5/2018	<.100	15.00	6.81	553.7
1/2/2019 - 1/7/2019	<.100	14.00	6.25	485.0
2/4/2019 - 2/6/2019	<.100	13.00	6.84	478.2
3/4/2019 - 3/6/2019	<.100	9.70	6.53	320.0
4/2/2019 - 4/3/2019	<.100	14.00	6.49 *	548.2 *
5/1/2019 - 5/9/2019	<.100	11.00	7.18	504.9
6/3/2019 - 6/5/2019	<.100	8.20	6.88	443.5
6/5/2019 - 6/18/2019	<.100	8.20	6.88	443.5
7/8/2019 - 7/11/2019	<.100 *	11.00 *	7.10 *	452.1 *
8/5/2019 - 8/8/2019	<.100	9.60	7.54	532.7
9/3/2019 - 9/5/2019	<.100	12.00	8.01	518.1
9/30/2019 - 10/3/2019	<.100	11.00	7.02	466.7
11/5/2019 - 11/6/2019	<.100	13.00	6.71	547.3
12/2/2019 - 12/12/2019	<.100	7.50	7.38	340.5
1/13/2020 - 1/24/2020	<.100	8.39	7.34	326.7
1/24/2020 - 2/4/2020	<1.000	7.35	7.17	340.2
3/2/2020 - 3/4/2020	<.100	8.24	7.31	355.5
4/1/2020 - 4/3/2020	<.100	6.81	7.40	335.4
5/4/2020 - 5/5/2020	<.100	6.80	7.24	353.3
6/1/2020 - 6/3/2020	<.100	7.66	7.19	371.3
7/6/2020 - 7/9/2020	<.100 *	7.12 *	7.26 *	405.6 *
8/3/2020	<.100	7.51	7.18	334.2
9/1/2020 - 9/14/2020	<.100	6.99	6.98	386.9
10/5/2020 - 10/7/2020	<.100	7.88	6.98	380.4
11/2/2020 - 11/5/2020	<.100	8.08	7.46	369.3
12/1/2020 - 12/4/2020	<.100	6.85	7.20	372.5
1/13/2021 - 1/18/2021	<.100 *	12.00 *	6.26 *	411.4 *
2/9/2021 - 2/11/2021	<.100	7.08	7.27	429.0
3/2/2021 - 3/3/2021	<.100	7.43	6.98	462.0
4/6/2021 - 4/9/2021	<.100	7.27	7.19 *	432.0 *
5/4/2021 - 5/5/2021	<.100	6.80	7.13	434.0
6/1/2021 - 6/2/2021	<.100	7.02	7.09	433.0
7/1/2021 - 7/9/2021	<.100 *	11.00 *	6.86 *	545.0 *
8/3/2021 - 8/4/2021	<.100	7.33	7.13	441.0
9/1/2021 - 9/2/2021	<.100	7.72	7.04	450.0
10/4/2021 - 10/7/2021	<.100	7.04	7.09 *	444.0 *
11/1/2021 - 11/2/2021	<.100	6.85	7.05	454.0
12/8/2021 - 12/9/2021	<.100	6.68	7.03	458.0
1/12/2022 - 1/19/2022	<.100	8.64 *	7.02 *	485.0 *
2/9/2022 - 2/10/2022	<.100	8.38	7.06	491.0
3/1/2022 - 3/5/2022	<.100	8.51	6.97	499.0
4/4/2022 - 4/6/2022	<.100	8.95	6.84	527.0
5/6/2022 - 5/7/2022	<.100	9.30	6.85	570.0
6/2/2022 - 6/3/2022	.305	14.30	6.48	668.0

* - The displayed value is the arithmetic mean of multiple database matches.

Table 5

Analytical Data Summary for LGW-4

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
7/9/2022 - 7/13/2022	.127	11.10	6.60	548.0
8/9/2022 - 8/10/2022	<.100	10.40	6.45	556.0
9/7/2022 - 9/8/2022	<.100	12.70	6.44	577.0
10/5/2022 - 10/7/2022	<.100	12.10	6.34	583.0
11/2/2022 - 11/3/2022	<.100	15.10	6.60	639.0
12/6/2022 - 12/7/2022	<.100	17.90	6.42	834.0
1/3/2023 - 1/11/2023	<.100	18.90	6.73	679.0
2/3/2023 - 2/4/2023	<.100	19.30	6.66	1389.0
3/1/2023 - 3/2/2023	<.100	22.70	6.33	817.0
4/4/2023 - 4/8/2023	<.100	21.50	6.43	858.0
5/9/2023 - 5/11/2023	<.100	21.00	6.18	757.0
6/7/2023 - 6/8/2023	<.100	20.20	6.31	757.0
7/5/2023 - 7/10/2023	<.100	17.60	6.16	759.0
8/1/2023 - 8/3/2023	<.100	18.30	5.39	776.0
9/1/2023 - 9/2/2023	<.100	18.60	6.62	876.0
10/2/2023 - 10/6/2023	<.100	20.30	6.47	924.0

* - The displayed value is the arithmetic mean of multiple database matches.

Table 6

Analytical Data Summary for LGW-5

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
4/30/2013 - 5/2/2013	<.100	12.0	6.93	382.0
6/4/2013 - 6/5/2013	<.100	9.9	6.81	359.0
7/15/2013 - 7/17/2013	<.100	10.0	6.98	367.0
7/30/2013 - 8/9/2013	<.100	10.0	6.99	541.0
9/10/2013 - 9/11/2013	<.100	11.0	6.98	369.0
10/1/2013 - 10/2/2013	<.100	11.0	7.31	403.0
11/6/2013	<.100	12.0	7.16	409.0
12/2/2013 - 12/3/2013	<.100	13.0	7.89	404.0
1/22/2014 - 1/30/2014	<.100	13.0	6.86	428.0
1/30/2014 - 2/13/2014	<.100	13.0	6.97	426.0
3/11/2014 - 3/12/2014	<.100	14.0	6.93	884.0
4/2/2014 - 4/3/2014	.740	13.0	6.98	932.0
5/7/2014	<.100	14.0	6.92	863.0
6/3/2014	<.100	14.0	6.84	494.0
7/8/2014 - 7/18/2014	<.100	13.0	7.07	573.0
8/5/2014 - 8/6/2014	<.100	13.0	7.23	530.0
9/4/2014 - 9/5/2014	<.100	11.0	6.91	486.0
10/8/2014 - 10/9/2014	<.100	10.0	7.28	455.0
10/9/2014 - 10/23/2014	<.100	10.0	7.28	455.0
10/23/2014 - 11/3/2014	<.100	9.9	7.26	472.0
1/14/2015 - 1/15/2015	<.100	9.1	5.78	490.0
2/10/2015 - 2/13/2015	<.100	13.0	6.68	720.0
3/3/2015	<.100	8.7	6.98	468.0
4/1/2015 - 4/2/2015	<.100	15.0	6.51	595.0
5/6/2015 - 5/7/2015	<.100	16.0	6.76	942.0
6/2/2015 - 6/5/2015	<.100	15.0	6.36	1095.0
7/7/2015 - 7/16/2015	<.100	14.0	6.84	927.0
7/22/2015 - 8/5/2015	<.100	12.0	7.10	910.0
9/2/2015 - 9/3/2015	<.100	12.0	7.56	912.0
10/5/2015 - 10/6/2015	<.100	13.0	7.61	852.0
11/4/2015 - 11/5/2015	<.100	16.0	7.18	817.0
12/3/2015 - 12/4/2015	<.100	16.0	7.31	533.0
1/5/2016 - 1/8/2016	<.100	14.0	7.07	531.0
2/3/2016 - 2/11/2016	<.100	13.0	7.51	513.0
3/2/2016 - 3/3/2016	<.100	14.0	7.48	520.0
4/5/2016 - 4/6/2016	<.100	15.0	7.29	536.0
5/11/2016 - 5/12/2016	<.100	13.0	6.90	494.0
6/1/2016 - 6/2/2016	<.100	16.0	7.30	528.0
7/19/2016 - 7/22/2016	<.100	16.0	6.95	486.0
8/10/2016 - 8/11/2016	<.100	14.0	7.88	487.0
9/6/2016 - 9/7/2016	<.100	17.0	6.79	451.0
10/5/2016 - 10/7/2016	<.100	16.0	6.92	451.0
11/2/2016 - 11/3/2016	<.100	19.0	6.80	435.0
12/1/2016 - 12/2/2016	<.100	19.0	7.61	570.0
1/10/2017 - 1/13/2017	<.100	20.0	5.67	531.0
2/7/2017 - 2/8/2017	<.100	20.0	6.26	473.0
3/1/2017 - 3/3/2017	<.100	20.0	6.12	576.0
4/4/2017 - 4/6/2017	<.100	20.0	6.82	580.0
5/2/2017 - 5/16/2017	<.100	17.0	6.77	598.0
6/6/2017 - 6/7/2017	<.100	16.0	7.09	520.0
7/18/2017 - 8/1/2017	<.100 *	16.0 *	6.96 *	546.0 *
8/1/2017 - 8/2/2017	<.100	16.0	7.20	525.0
9/5/2017 - 9/6/2017	<.100	16.0	6.88	521.0
10/5/2017 - 10/9/2017	<.100	16.0	7.22	599.0
11/1/2017 - 11/2/2017	<.100	17.0	6.76	623.0

* - The displayed value is the arithmetic mean of multiple database matches.

Table 6

Analytical Data Summary for LGW-5

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
1/23/2018 - 1/26/2018	<.100	18.0	6.54	532.4
2/21/2018 - 2/23/2018	<.100	15.0	6.56	551.6
3/19/2018 - 3/22/2018	<.100	17.0	6.54	556.7
4/9/2018 - 4/11/2018	<.100	14.0	6.58	543.4
6/4/2018 - 6/6/2018	<.100	16.0	7.50	550.1
7/10/2018 - 7/18/2018	<.100	15.0	6.23	604.0
7/18/2018 - 8/1/2018	<.100	16.0	6.42	549.0
8/1/2018 - 8/2/2018	<.100	16.0	6.42	549.0
9/4/2018 - 9/6/2018	<.100	18.0	6.49	624.0
10/1/2018 - 10/4/2018	<.100	16.0	6.53	594.0
11/6/2018 - 11/8/2018	<.100	14.0	6.49	558.1
12/4/2018 - 12/5/2018	<.100	16.0	6.61	575.5
1/2/2019 - 1/7/2019	<.100	16.0	6.08	515.0
2/4/2019 - 2/6/2019	<.100	16.0	6.56	514.7
3/4/2019 - 3/6/2019	<.100	13.0	5.85	523.0
4/2/2019 - 4/3/2019	<.100	16.0	6.30 *	602.0 *
5/1/2019 - 5/9/2019	<.100	14.0	6.66	577.0
6/3/2019 - 6/5/2019	<.100	12.0	6.50	573.0
7/8/2019 - 7/11/2019	<.100 *	14.0 *	6.66 *	605.0 *
8/5/2019 - 8/8/2019	<.100	12.0	7.32	609.0
9/3/2019 - 9/5/2019	<.100	15.0	7.51	581.0
9/30/2019 - 10/3/2019	<.100	16.0	6.85	581.0
11/5/2019 - 11/6/2019	<.100	15.0	6.49	603.0
12/2/2019 - 12/12/2019	<.100	16.0	6.62	499.0
1/13/2020 - 1/24/2020	<.100	15.5	6.54	502.7
1/24/2020 - 2/4/2020	<1.000	15.7	6.57	500.6
3/2/2020 - 3/4/2020	<.100	15.3	6.53	546.8
4/1/2020 - 4/3/2020	<.100	15.1	6.57	524.5
5/4/2020 - 5/5/2020	<.100	14.0	6.09	556.0
6/1/2020 - 6/3/2020	<.100	14.9	6.41	529.8
7/6/2020 - 7/9/2020	<.100 *	15.2 *	6.44 *	637.0 *
8/3/2020	<.100	15.5	6.41	518.9
9/1/2020 - 9/14/2020	<.100	16.1	6.44	577.0
10/5/2020 - 10/7/2020	<.100	16.4	6.40 *	601.0 *
11/2/2020 - 11/5/2020	<.100	16.7	6.49	587.0
12/1/2020 - 12/4/2020	<.100	16.8	6.38	618.5
1/13/2021 - 1/18/2021	<.100 *	17.6 *	6.07 *	441.4 *
2/9/2021 - 2/11/2021	<.100	17.4	6.55	675.0
3/2/2021 - 3/3/2021	<.100	17.1	6.32	691.0
4/6/2021 - 4/9/2021	<.100	17.4	6.38 *	685.0 *
5/4/2021 - 5/5/2021	<.100	16.5	6.32	693.0
6/1/2021 - 6/2/2021	<.100	17.5	6.33	696.0
7/1/2021 - 7/9/2021	<.100 *	18.0 *	6.40 *	707.0 *
8/3/2021 - 8/4/2021	<.100	17.4	6.38	699.0
9/1/2021 - 9/2/2021	<.100	18.3	6.32	705.0
10/4/2021 - 10/7/2021	<.100	18.6 *	6.39 *	683.0 *
11/1/2021 - 11/2/2021	<.100	17.7	6.34	692.0
12/8/2021 - 12/9/2021	<.100	18.8	6.36	676.0
1/12/2022 - 1/19/2022	<.100	22.2 *	6.37 *	692.0 *
2/9/2022 - 2/10/2022	<.100	22.2	6.39	707.0
3/1/2022 - 3/5/2022	<.100	23.3	6.33	705.0
4/4/2022 - 4/6/2022	<.100	24.7	6.26 *	711.0 *
5/6/2022 - 5/7/2022	<.100	28.5	6.14	765.0
6/2/2022 - 6/3/2022	.140	29.7	5.95	817.0
7/9/2022 - 7/13/2022	.185	27.8	6.05	752.0

* - The displayed value is the arithmetic mean of multiple database matches.

Table 6

Analytical Data Summary for LGW-5

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
8/9/2022 - 8/10/2022	<.100	27.7	5.97	708.0
9/7/2022 - 9/8/2022	<.100	29.7	6.03	689.0
10/5/2022 - 10/7/2022	<.100	28.1	5.73 *	694.0 *
11/2/2022 - 11/3/2022	<.100	27.5	6.17	722.0
12/6/2022 - 12/7/2022	.172	26.9	6.11	909.0
1/3/2023 - 1/11/2023	.100	33.2	6.35	720.0
2/3/2023 - 2/4/2023	<.100	33.4	6.29	1355.0
3/1/2023 - 3/2/2023	<.100	39.0	5.95	751.0
4/4/2023 - 4/8/2023	.162	35.5	6.10	834.0
5/9/2023 - 5/11/2023	.151	31.1	5.99	727.0
6/7/2023 - 6/8/2023	.120	33.7	5.68	748.0
7/5/2023 - 7/10/2023	.182	31.9	6.14	798.0
8/1/2023 - 8/3/2023	<.100	33.2	5.60	851.0
9/1/2023 - 9/2/2023	.235	30.6	6.28	948.0
10/2/2023 - 10/6/2023	.260	31.0	6.32	1049.0

* - The displayed value is the arithmetic mean of multiple database matches.

Table 7

Analytical Data Summary for LGW-6

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
12/6/2012	<.100 *	13.0 *	7.02 *	422.0 *
1/23/2013 - 2/5/2013	<.100 *	13.0 *	7.19 *	432.5 *
3/5/2013	<.100 *	13.0 *	7.18 *	445.0 *
4/30/2013 - 5/2/2013	<.100	13.0	7.11	454.0
6/4/2013 - 6/5/2013	<.100	13.0	7.02	470.0
7/15/2013 - 7/17/2013	<.100	13.0	6.95	423.0
7/30/2013 - 8/9/2013	<.100	13.0	7.10	417.0
9/10/2013 - 9/11/2013	<.100	13.0	7.08	417.0
10/1/2013 - 10/2/2013	<.100	13.0	7.38	455.0
11/6/2013	<.100	13.0	7.20	454.0
12/2/2013 - 12/3/2013	<.100	13.0	6.91	432.0
1/22/2014 - 1/30/2014	<.100	13.0	6.83	415.0
1/30/2014 - 2/13/2014	<.100	12.0	7.19	417.0
3/11/2014 - 3/12/2014	<.100	13.0	7.36	896.0
4/2/2014 - 4/3/2014	.260	12.0	7.35	950.0
5/7/2014	<.100	13.0	7.19	815.0
6/3/2014	<.100	12.0	7.05	438.0
7/8/2014 - 7/18/2014	<.100	12.0	7.28	352.0
8/5/2014 - 8/6/2014	<.100	13.0	7.42	487.0
9/4/2014 - 9/5/2014	<.100	13.0	7.23	462.0
10/8/2014 - 10/9/2014	<.100	13.0	7.48	478.0
10/9/2014 - 10/23/2014	<.100	13.0	7.48	478.0
10/23/2014 - 11/3/2014	<.100	13.0	7.37	456.0
1/14/2015 - 1/15/2015	<.100	13.0	5.73	480.0
2/10/2015 - 2/13/2015	<.100	13.0	6.97	489.0
3/3/2015	<.100	13.0	7.25	473.0
4/1/2015 - 4/2/2015	<.100	12.0	6.96	500.0
5/6/2015 - 5/7/2015	<.100	13.0	7.20	775.0
6/2/2015 - 6/5/2015	<.100	13.0	7.44	803.0
7/16/2015 - 7/22/2015	<.100	11.0	7.14	892.0
7/22/2015 - 8/5/2015	<.100 *	11.5 *	7.26 *	885.5 *
9/2/2015 - 9/3/2015	<.100	11.0	7.67	907.0
10/5/2015 - 10/6/2015	<.100	11.0	8.33	845.0
11/4/2015 - 11/5/2015	<.100	12.0	7.21	823.0
12/3/2015 - 12/4/2015	<.100	13.0	7.29	495.0
1/5/2016 - 1/8/2016	<.100	13.0	7.17	480.0
2/3/2016 - 2/11/2016	<.100	12.0	8.05	513.0
3/2/2016 - 3/3/2016	<.100	12.0	7.67	534.0
4/5/2016 - 4/6/2016	<.100	13.0	7.53	561.0
5/11/2016 - 5/12/2016	<.100	11.0	7.21	559.0
6/1/2016 - 6/2/2016	<.100	13.0	7.35	569.0
7/19/2016 - 7/22/2016	<.100	13.0	7.65	525.0
8/10/2016 - 8/11/2016	<.100	11.0	8.50	513.0
9/6/2016 - 9/7/2016	<.100	13.0	6.85 *	503.0 *
10/5/2016 - 10/7/2016	<.100 *	12.5 *	6.95	496.0
11/2/2016 - 11/3/2016	<.100	13.0	6.77	494.0
12/1/2016 - 12/2/2016	<.100	13.0	7.73	617.0
1/10/2017 - 1/13/2017	<.100	14.0	5.40	572.0
2/7/2017 - 2/8/2017	<.100	13.0	6.13	402.0
3/1/2017 - 3/3/2017	<.100	13.0	6.09	569.0
4/4/2017 - 4/6/2017	<.100	14.0	6.83	604.0
5/2/2017 - 5/16/2017	<.100 *	13.5 *	6.95 *	638.0 *
6/6/2017 - 6/7/2017	<.100	13.0	6.90	531.0
7/18/2017 - 8/1/2017	<.100 *	13.5 *	6.92 *	493.0 *
8/1/2017 - 8/2/2017	<.100	13.0	7.22	520.0

* - The displayed value is the arithmetic mean of multiple database matches.

Table 7

Analytical Data Summary for LGW-6

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
9/5/2017 - 9/6/2017	<.100	15.0	6.50	517.0
10/5/2017 - 10/9/2017	<.100	14.0	6.67	641.0
11/1/2017 - 11/2/2017	<.100	14.0	6.71	636.0
1/23/2018 - 1/26/2018	<.100	16.0	6.54	572.8
2/21/2018 - 2/23/2018	<.100	13.0	6.82	629.0
3/19/2018 - 3/22/2018	<.100	15.0	6.58	593.3
4/9/2018 - 4/11/2018	<.100 *	14.0 *	6.54 *	578.0 *
6/4/2018 - 6/6/2018	<.100	15.0	6.88 *	597.0 *
7/10/2018 - 7/18/2018	<.100	14.0	6.57	631.0
7/18/2018 - 8/1/2018	<.100	15.0	6.41	612.0
8/1/2018 - 8/2/2018	<.100	15.0	6.41	612.0
9/4/2018 - 9/6/2018	<.100	17.0	6.29	652.0
10/1/2018 - 10/4/2018	<.100 *	14.0 *	6.18 *	664.0 *
11/6/2018 - 11/8/2018	<.100	12.0	6.54	634.0
12/4/2018 - 12/5/2018	<.100	14.0	6.59	642.0
1/2/2019 - 1/7/2019	<.100	13.0	6.43	550.0
2/4/2019 - 2/6/2019	<.100	14.0	6.54	567.9
3/4/2019 - 3/6/2019	<.100	13.0	6.21	406.0
4/2/2019 - 4/3/2019	<.100	14.0	6.43	665.0
5/1/2019 - 5/9/2019	<.100	12.0	6.76	586.2
6/3/2019 - 6/5/2019	<.100	11.0	6.40	633.0
7/8/2019 - 7/11/2019	<.100 *	14.0 *	6.44 *	701.0 *
8/5/2019 - 8/8/2019	<.100	11.0	6.31	631.0
9/3/2019 - 9/5/2019	<.100	14.0	6.35	642.0
9/30/2019 - 10/3/2019	<.100 *	14.5 *	6.65 *	652.0 *
11/5/2019 - 11/6/2019	<.100	13.0	6.53	671.0
12/2/2019 - 12/12/2019	<.100	14.0	6.69	584.5
1/13/2020 - 1/24/2020	<.100	13.4	6.21	547.2
1/24/2020 - 2/4/2020	<1.000	13.7	6.54	558.3
3/2/2020 - 3/4/2020	<.100	13.1	6.52	575.9
4/1/2020 - 4/3/2020	<.100	12.8	6.46 *	600.6 *
5/4/2020 - 5/5/2020	<.100	11.7	6.42	596.2
6/1/2020 - 6/3/2020	<.100	12.5	6.42	602.0
7/6/2020 - 7/9/2020	<.100 *	12.0 *	6.43 *	687.0 *
8/3/2020	<.100	12.0	6.45	548.3
9/1/2020 - 9/14/2020	<.100	12.1	6.43	657.0
10/5/2020 - 10/7/2020	<.100	12.3 *	6.46 *	567.4 *
11/2/2020 - 11/5/2020	<.100	12.2	6.58	604.1
12/1/2020 - 12/4/2020	<.100	12.1	6.44	637.0
1/13/2021 - 1/18/2021	<.100 *	12.2 *	6.17	463.4
2/9/2021 - 2/11/2021	<.100	12.5	6.60	716.0
3/2/2021 - 3/3/2021	<.100	12.1	6.41	716.0
4/6/2021 - 4/9/2021	<.100	12.2	6.49 *	707.0 *
5/4/2021 - 5/5/2021	<.100	12.0	6.35	726.0
6/1/2021 - 6/2/2021	<.100	12.3	6.37	731.0
7/1/2021 - 7/9/2021	<.100 *	12.1 *	6.50 *	734.0 *
8/3/2021 - 8/4/2021	<.100	11.8	6.48	709.0
9/1/2021 - 9/2/2021	<.100	12.5	6.44	715.0
10/4/2021 - 10/7/2021	<.100	12.6 *	6.50 *	701.0 *
11/1/2021 - 11/2/2021	<.100	11.6	6.42	709.0
12/8/2021 - 12/9/2021	<.100	11.0	6.47	695.0
1/12/2022 - 1/19/2022	<.100	12.6 *	6.50 *	710.0 *
2/9/2022 - 2/10/2022	<.100	12.7	6.51	725.0
3/1/2022 - 3/5/2022	<.100	12.6	6.46	718.0
4/4/2022 - 4/6/2022	<.100	12.8	6.42 *	730.0 *

* - The displayed value is the arithmetic mean of multiple database matches.

Table 7

Analytical Data Summary for LGW-6

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
5/6/2022 - 5/7/2022	<.100	13.0	6.32	773.0
6/2/2022 - 6/3/2022	<.100	14.2	6.11	804.0
7/9/2022 - 7/13/2022	.143	13.3	6.13	718.0
8/9/2022 - 8/10/2022	<.100	12.7	6.07	727.0
9/7/2022 - 9/8/2022	<.100	13.6	6.06	655.0
10/5/2022 - 10/7/2022	<.100	12.6	5.74 *	624.0 *
11/2/2022 - 11/3/2022	<.100	12.8	6.22	703.0
12/6/2022 - 12/7/2022	<.100	13.0	6.12	821.0
1/3/2023 - 1/11/2023	<.100	13.5	6.43	645.0
2/3/2023 - 2/4/2023	<.100	14.6	6.34	1341.0
3/1/2023 - 3/2/2023	<.100	14.6	6.10	703.0
4/4/2023 - 4/8/2023	<.100	14.1	6.25	780.0
5/9/2023 - 5/11/2023	<.100	14.5	6.10	686.0
6/7/2023 - 6/8/2023	<.100	15.5	5.69	708.0
7/5/2023 - 7/10/2023	<.100	15.0	6.27	749.0
8/1/2023 - 8/3/2023	<.100	15.7	5.00	774.0
9/1/2023 - 9/2/2023	<.100	15.3	6.31	839.0
10/2/2023 - 10/6/2023	<.100	17.2	6.34	868.0

* - The displayed value is the arithmetic mean of multiple database matches.

Table 8

Analytical Data Summary for LGW-7

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
4/30/2013 - 5/2/2013	<.100	11.0	6.48	412.0
6/4/2013 - 6/5/2013	<.100	11.0	6.31	436.0
7/15/2013 - 7/17/2013	<.100	11.0	6.61	389.0
7/30/2013 - 8/9/2013	<.100	11.0	6.78	449.0
9/10/2013 - 9/11/2013	<.100	12.0	6.64	437.0
10/1/2013 - 10/2/2013	<.100	11.0	6.92	475.0
11/6/2013	<.100	12.0	7.05	467.0
12/2/2013 - 12/3/2013	<.100	12.0	6.78	446.0
1/22/2014 - 1/30/2014	<.100	12.0	6.36	447.0
1/30/2014 - 2/13/2014	<.100	11.0	6.60	446.0
3/11/2014 - 3/12/2014	<.100	12.0	7.09	891.0
4/2/2014 - 4/3/2014	.380	12.0	6.83	909.0
5/7/2014	<.100	12.0	7.25	842.0
6/3/2014	<.100	12.0	6.74	466.0
7/8/2014 - 7/18/2014	<.100	12.0	7.22	462.0
8/5/2014 - 8/6/2014	<.100	12.0	6.79	501.0
9/4/2014 - 9/5/2014	<.100	12.0	7.13	470.0
10/8/2014 - 10/9/2014	<.100	12.0	7.11	511.0
10/9/2014 - 10/23/2014	<.100	12.0	7.11	511.0
10/23/2014 - 11/3/2014	<.100	12.0	7.22	497.0
1/14/2015 - 1/15/2015	<.100	13.0	5.60	515.0
2/10/2015 - 2/13/2015	<.100	13.0	6.39	540.0
3/3/2015	<.100	13.0	6.77	511.0
4/1/2015 - 4/2/2015	<.100	13.0	6.56	525.0
5/6/2015 - 5/7/2015	<.100	13.0	6.82	833.0
6/2/2015 - 6/5/2015	<.100	15.0	7.35	816.0
7/16/2015 - 7/22/2015	<.100	14.0	7.29	841.0
7/22/2015 - 8/5/2015	<.100 *	13.0 *	7.34 *	831.0 *
9/2/2015 - 9/3/2015	<.100	11.0	7.98	830.0
10/5/2015 - 10/6/2015	<.100	11.0	7.69	861.0
11/4/2015 - 11/5/2015	<.100	12.0	7.20	840.0
12/3/2015 - 12/4/2015	<.100	14.0	7.31	509.0
1/5/2016 - 1/8/2016	<.100	15.0	7.28	473.0
2/3/2016 - 2/11/2016	<.100	13.0	7.37 *	501.5 *
3/2/2016 - 3/3/2016	<.100	13.0	7.42	506.0
4/5/2016 - 4/6/2016	<.100	11.0	7.13	514.0
5/11/2016 - 5/12/2016	<.100	11.0	6.84	483.0
6/1/2016 - 6/2/2016	<.100	14.0	7.05	538.0
7/19/2016 - 7/22/2016	<.100	13.0	6.42	453.0
8/10/2016 - 8/11/2016	<.100	10.0	7.51	484.0
9/6/2016 - 9/7/2016	<.100	14.0	6.86 *	471.0 *
10/5/2016 - 10/7/2016	<.100 *	12.5 *	6.98	450.0
11/2/2016 - 11/3/2016	<.100	14.0	6.82	450.0
12/1/2016 - 12/2/2016	<.100	13.0	7.89	400.0
1/10/2017 - 1/13/2017	<.100	13.0	6.20	386.0
2/7/2017 - 2/8/2017	<.100	13.0	7.50	370.0
3/1/2017 - 3/3/2017	<.100	13.0	6.31	466.0
4/4/2017 - 4/6/2017	<.100	13.0	6.94	501.0
5/2/2017 - 5/16/2017	<.100	19.0	6.74	504.0
6/6/2017 - 6/7/2017	<.100	16.0	7.37	399.0
7/18/2017 - 8/1/2017	<.100 *	13.0 *	7.22 *	446.0 *
8/1/2017 - 8/2/2017	<.100	11.0	7.36	419.0
9/5/2017 - 9/6/2017	<.100	14.0	7.31	373.0
10/5/2017 - 10/9/2017	<.100	14.0	7.45	598.0
11/1/2017 - 11/2/2017	<.100	13.0	7.26	458.0

* - The displayed value is the arithmetic mean of multiple database matches.

Table 8

Analytical Data Summary for LGW-7

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
1/23/2018 - 1/26/2018	<.100	12.0	6.48	549.7
2/21/2018 - 2/23/2018	<.100	12.0	6.70	543.8
3/19/2018 - 3/22/2018	<.100	18.0	6.47	536.1
4/9/2018 - 4/11/2018	<.100 *	16.0 *	6.52 *	531.3 *
6/4/2018 - 6/6/2018	<.100	15.0	6.72 *	532.3 *
7/10/2018 - 7/18/2018	<.100	14.0	6.65	554.0
8/1/2018 - 8/2/2018	<.100	15.0	6.47	6.0
9/4/2018 - 9/6/2018	<.100	18.0	6.31	537.0
10/1/2018 - 10/4/2018	<.100 *	15.0 *	6.44 *	544.9 *
11/6/2018 - 11/8/2018	<.100	12.0	6.48	513.6
12/4/2018 - 12/5/2018	<.100	15.0	6.51	539.0
1/2/2019 - 1/7/2019	<.100	16.0	6.32	463.0
2/4/2019 - 2/6/2019	<.100	17.0	6.40	489.2
3/4/2019 - 3/6/2019	<.100	17.0	5.90	498.0
4/2/2019 - 4/3/2019	<.100	17.0	6.30	562.3
5/1/2019 - 5/9/2019	<.100	13.0	6.90	474.5
6/3/2019 - 6/5/2019	<.100	14.0	6.55	512.9
7/8/2019 - 7/11/2019	<.100 *	17.0 *	6.37 *	569.0 *
8/5/2019 - 8/8/2019	<.100	11.0	7.26	470.2
9/3/2019 - 9/5/2019	<.100	14.0	6.74	510.8
9/30/2019 - 10/3/2019	<.100 *	15.0 *	6.74 *	538.3 *
11/5/2019 - 11/6/2019	<.100	16.0	6.48	565.6
12/2/2019 - 12/12/2019	<.100	16.0	6.71	441.1
1/13/2020 - 1/24/2020	<.100	15.0	6.67	440.3
1/24/2020 - 2/4/2020	<1.000	14.1	6.90	426.4
3/2/2020 - 3/4/2020	<.100	13.8	6.98	449.3
4/1/2020 - 4/3/2020	<.100	14.3	6.64	488.5
5/4/2020 - 5/5/2020	<.100	13.4	6.57	503.0
6/1/2020 - 6/3/2020	<.100	14.1	6.91	471.4
7/6/2020 - 7/9/2020	<.100 *	13.8 *	7.02 *	531.3 *
8/3/2020	<.100	12.8	7.23	401.6
9/1/2020 - 9/14/2020	<.100	13.5	6.94	483.0
10/5/2020 - 10/7/2020	<.100	13.3	6.95	425.7
11/2/2020 - 11/5/2020	<.100	13.3	7.28	423.5
12/1/2020 - 12/4/2020	<.100	13.8	6.91	470.4
1/13/2021 - 1/18/2021	<.100 *	13.6 *	6.73	352.4
2/9/2021 - 2/11/2021	<.100	13.1	7.17	496.5
3/2/2021 - 3/3/2021	<.100	12.6	7.08	488.0
4/6/2021 - 4/9/2021	<.100	12.9	7.09	491.0
5/4/2021 - 5/5/2021	<.100	13.5	6.62	541.0
6/1/2021 - 6/2/2021	<.100	13.4	6.85	522.0
7/1/2021 - 7/9/2021	<.100 *	14.2 *	6.95 *	541.0 *
8/3/2021 - 8/4/2021	<.100	13.3	6.93	532.0
9/1/2021 - 9/2/2021	<.100	13.1	7.02	504.0
10/4/2021 - 10/7/2021	<.100	13.5 *	6.97 *	526.0 *
11/1/2021 - 11/2/2021	<.100	12.4	6.96	514.0
12/8/2021 - 12/9/2021	<.100	12.1	6.96	517.0
1/12/2022 - 1/19/2022	<.100	13.6 *	6.97 *	511.0 *
2/9/2022 - 2/10/2022	<.100	13.1	7.05	526.0
3/1/2022 - 3/5/2022	<.100	13.8	6.77	558.0
4/4/2022 - 4/6/2022	<.100	14.7	6.64 *	605.0 *
5/6/2022 - 5/7/2022	<.100	15.7	6.39	648.0
6/2/2022 - 6/3/2022	.121	17.5	6.29	714.0
7/9/2022 - 7/13/2022	.182	17.2	6.15	645.0
8/9/2022 - 8/10/2022	<.100	15.0	6.28	613.0

* - The displayed value is the arithmetic mean of multiple database matches.

Table 8

Analytical Data Summary for LGW-7

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
9/7/2022 - 9/8/2022	<.100	14.7	6.50	555.0
10/5/2022 - 10/7/2022	<.100	12.6	6.31	489.0
11/2/2022 - 11/3/2022	<.100	11.8	6.92	541.0
12/6/2022 - 12/7/2022	<.100	13.1	6.71	664.0
1/3/2023 - 1/11/2023	<.100	13.1	7.05	513.0
2/3/2023 - 2/4/2023	<.100	13.7	6.94	1026.0
3/1/2023 - 3/2/2023	<.100	16.0	6.51	624.0
4/4/2023 - 4/8/2023	<.100	17.0	6.47	706.0
5/9/2023 - 5/11/2023	<.100	15.1	6.39	582.0
6/7/2023 - 6/8/2023	<.100	13.4	6.30	530.0
7/5/2023 - 7/10/2023	<.100	17.3	6.40	669.0
8/1/2023 - 8/3/2023	<.100	15.3	4.49	567.0
9/1/2023 - 9/2/2023	<.100	14.0	6.77	708.0
10/2/2023 - 10/6/2023	<.100	17.3	6.69	744.0

* - The displayed value is the arithmetic mean of multiple database matches.

Table 9

Analytical Data Summary for LGW-8R

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
4/30/2013 - 5/2/2013	<.100	12.0	<6.99	<479.0
6/4/2013 - 6/5/2013	<.100	12.0	6.82	496.0
7/15/2013 - 7/17/2013	<.100	12.0	<7.07	<477.0
7/30/2013 - 8/9/2013	<.100	12.0	7.18	487.0
9/10/2013 - 9/11/2013	<.100	12.0	7.19	479.0
10/1/2013 - 10/2/2013	<.100	12.0	7.46	506.0
11/6/2013	<.100	12.0	7.24	497.0
12/2/2013 - 12/3/2013	<.100	12.0	7.10	472.0
1/22/2014 - 1/30/2014	<.100	13.0	7.02	497.0
1/30/2014 - 2/13/2014	<.100	12.0	7.32	460.0
3/11/2014 - 3/12/2014	<.100	12.0	7.53	918.0
4/2/2014 - 4/3/2014	.130	13.0	7.22	963.0
5/7/2014	<.100	12.0	7.20	891.0
6/3/2014	<.100	13.0	6.95	490.0
7/8/2014 - 7/18/2014	<.100	12.0	7.25	486.0
8/5/2014 - 8/6/2014	<.100	13.0	6.94	495.0
9/4/2014 - 9/5/2014	<.100	12.0	6.86	490.0
10/8/2014 - 10/9/2014	<.100	12.0	7.46	479.0
10/9/2014 - 10/23/2014	<.100	12.0	7.46	479.0
10/23/2014 - 11/3/2014	<.100	13.0	7.48	455.0
1/14/2015 - 1/15/2015	<.100	13.0	5.97	451.0
2/10/2015 - 2/13/2015	<.100	13.0	6.72	515.0
3/3/2015	<.100	13.0	7.08	462.0
4/1/2015 - 4/2/2015	<.100	13.0	7.04	530.0
5/6/2015 - 5/7/2015	<.100	14.0	7.30	738.0
6/2/2015 - 6/5/2015	<.100	12.0	7.66	841.0
7/16/2015 - 7/22/2015	<.100	12.0	7.27	929.0
7/22/2015 - 8/5/2015	<.100 *	12.0 *	7.39 *	922.5 *
9/2/2015 - 9/3/2015	<.100	11.0	7.61	926.0
10/5/2015 - 10/6/2015	<.100	11.0	7.88	874.0
11/4/2015 - 11/5/2015	<.100	13.0	7.23	840.0
12/3/2015 - 12/4/2015	<.100	14.0	7.31	514.0
1/5/2016 - 1/8/2016	<.100	14.0	7.07	497.0
2/3/2016 - 2/11/2016	<.100	13.0	7.92	504.0
3/2/2016 - 3/3/2016	<.100	13.0	7.50	509.0
4/5/2016 - 4/6/2016	<.100	13.0	7.84	522.0
5/11/2016 - 5/12/2016	<.100	11.0	7.30	490.0
6/1/2016 - 6/2/2016	<.100	14.0	7.37	520.0
7/19/2016 - 7/22/2016	<.100	13.0	6.69	443.0
8/10/2016 - 8/11/2016	<.100	12.0	7.68	469.0
9/6/2016 - 9/7/2016	<.100	14.0	7.08	453.0
10/5/2016 - 10/7/2016	<.100	12.0	6.96	431.0
11/2/2016 - 11/3/2016	<.100	14.0	7.20	405.0
12/1/2016 - 12/2/2016	<.100	14.0	7.81	510.0
1/10/2017 - 1/13/2017	<.100	14.0	5.78	441.0
2/7/2017 - 2/8/2017	<.100	14.0	7.81	420.0
3/1/2017 - 3/3/2017	<.100	14.0	6.21	524.0
4/4/2017 - 4/6/2017	<.100	14.0	7.00	477.0
5/2/2017 - 5/16/2017	<.100	15.0	7.15	530.0
6/6/2017 - 6/7/2017	<.100	15.0	7.18	417.0
7/18/2017 - 8/1/2017	<.100 *	14.0 *	7.14 *	532.5 *
8/1/2017 - 8/2/2017	<.100	13.0	7.26	526.0
9/5/2017 - 9/6/2017	<.100	15.0	7.02	501.0
10/5/2017 - 10/9/2017	<.100	15.0	7.70	518.0
11/1/2017 - 11/2/2017	<.100	15.0	7.02	556.0

* - The displayed value is the arithmetic mean of multiple database matches.

Table 9

Analytical Data Summary for LGW-8R

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
1/23/2018 - 1/26/2018	<.100	13.0	6.77	514.0
2/21/2018 - 2/23/2018	<.100	13.0	6.83	530.8
3/19/2018 - 3/22/2018	<.100	15.0	6.78	531.2
4/9/2018 - 4/11/2018	<.100	13.0	6.87	547.9
6/4/2018 - 6/6/2018	<.100	15.0	7.05	556.4
6/21/2018			6.91	588.2
7/10/2018 - 7/18/2018	<.100	14.0	6.52	612.0
8/1/2018 - 8/2/2018	<.100	9.6	6.41	418.0
9/4/2018 - 9/6/2018	<.100	17.0	6.56	595.0
10/1/2018 - 10/4/2018	<.100	15.0	6.84	583.0
11/6/2018 - 11/8/2018	<.100	14.0	6.77	568.2
12/4/2018 - 12/5/2018	<.100	15.0	6.88	590.8
1/2/2019 - 1/7/2019	<.100	14.0	6.64	483.0
2/4/2019 - 2/6/2019	<.100	15.0	6.88	525.2
3/4/2019 - 3/6/2019	<.100	14.0	6.22	542.0
4/2/2019 - 4/3/2019	<.100	15.0	6.74	608.7
5/1/2019 - 5/9/2019	<.100	14.0	7.04	585.0
6/3/2019 - 6/5/2019	<.100	13.0	6.70	581.9
7/8/2019 - 7/11/2019	<.100 *	15.0 *	7.05 *	661.0 *
8/5/2019 - 8/8/2019	<.100	12.0	7.15	583.8
9/3/2019 - 9/5/2019	<.100	15.0	6.65	575.6
9/30/2019 - 10/3/2019	<.100	15.0	6.90	567.7
11/5/2019 - 11/6/2019	<.100	14.0	6.75	601.0
12/2/2019 - 12/12/2019	<.100	16.0	6.91	528.9
1/13/2020 - 1/24/2020	<.100	15.7	6.82	508.5
1/24/2020 - 2/4/2020	<1.000	15.6	6.69	519.8
3/2/2020 - 3/4/2020	<.100	15.4	6.83	523.5
4/1/2020 - 4/3/2020	<.100	15.4	6.74	524.6
5/4/2020 - 5/5/2020	<.100	14.4	6.72	554.9
6/1/2020 - 6/3/2020	<.100	15.7	7.10	530.7
7/6/2020 - 7/9/2020	<.100 *	15.8 *	6.79 *	617.0 *
8/3/2020	<.100	15.9	6.49	518.1
9/1/2020 - 9/14/2020	<.100	16.0	6.61	567.6
10/5/2020 - 10/7/2020	<.100	15.6	6.77	524.5
11/2/2020 - 11/5/2020	<.100	15.7	6.69	539.6
12/1/2020 - 12/4/2020	<.100	15.8	6.57	536.7
1/13/2021 - 1/18/2021	<.100 *	16.4 *	6.35	436.4
2/9/2021 - 2/11/2021	<.100	15.8	6.87	656.0
3/2/2021 - 3/3/2021	<.100	15.5	6.71	673.0
4/6/2021 - 4/9/2021	<.100	15.9	6.79	665.0
5/4/2021 - 5/5/2021	<.100	15.4	6.66	686.0
6/1/2021 - 6/2/2021	<.100	15.9	6.73	683.0
7/1/2021 - 7/9/2021	<.100 *	16.3 *	6.74 *	686.0 *
8/3/2021 - 8/4/2021	<.100	15.9	6.81	681.0
9/1/2021 - 9/2/2021	<.100	16.2	6.75	687.0
10/4/2021 - 10/7/2021	<.100	15.6	6.80	679.0
11/1/2021 - 11/2/2021	<.100	15.5	6.70	681.0
12/8/2021 - 12/9/2021	<.100	14.6	6.76	673.0
1/12/2022 - 1/19/2022	<.100	16.6 *	6.71 *	682.0 *
2/9/2022 - 2/10/2022	<.100	16.2	6.78	692.0
3/1/2022 - 3/5/2022	<.100	16.5	6.72	695.0
4/4/2022 - 4/6/2022	<.100	16.4	6.63	712.0
5/6/2022 - 5/7/2022	<.100	16.8	6.63	764.0
6/2/2022 - 6/3/2022	<.100	17.2	6.46	816.0
7/9/2022 - 7/13/2022	.145	17.2	6.44	749.0

* - The displayed value is the arithmetic mean of multiple database matches.

Table 9

Analytical Data Summary for LGW-8R

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
8/9/2022 - 8/10/2022	<.100	16.5	6.33	727.0
9/7/2022 - 9/8/2022	<.100	17.9	6.39	658.0
10/5/2022 - 10/7/2022	<.100	16.4	6.03 *	619.0 *
11/2/2022 - 11/3/2022	<.100	16.1	6.52	769.0
12/6/2022 - 12/7/2022	<.100	16.7	6.46	839.0
1/3/2023 - 1/11/2023	<.100	16.7	6.75	667.0
2/3/2023 - 2/4/2023	<.100	17.7	6.67	1353.0
3/1/2023 - 3/2/2023	<.100	18.2	6.39	729.0
4/4/2023 - 4/8/2023	<.100	17.1	6.53	784.0
5/9/2023 - 5/11/2023	<.100	17.9	6.23	729.0
6/7/2023 - 6/8/2023	<.100	18.8	5.99	760.0
7/5/2023 - 7/10/2023	<.100	18.0	6.42	779.0
8/1/2023 - 8/3/2023	<.100	18.9	4.20	727.0
9/1/2023 - 9/2/2023	<.100	18.1	6.62	859.0
10/2/2023 - 10/6/2023	<.100	20.2	6.64	873.0

* - The displayed value is the arithmetic mean of multiple database matches.

Table 10

Analytical Data Summary for LGW-9

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
4/30/2013 - 5/2/2013	.170	17.0	6.39	618.0
6/4/2013 - 6/5/2013	.160	16.0	6.27	619.0
7/15/2013 - 7/17/2013	.170	16.0	6.40	566.0
7/30/2013 - 8/9/2013	.150	17.0	6.65	588.0
9/10/2013 - 9/11/2013	.150	17.0	6.37	534.0
10/1/2013 - 10/2/2013	.260	17.0	6.78	559.0
11/6/2013	.140	17.0	6.64	557.0
12/2/2013 - 12/3/2013	.110	18.0	6.55	534.0
1/22/2014 - 1/30/2014	.130	19.0	6.39	538.0
1/30/2014 - 2/13/2014	.120	19.0	6.57	541.0
3/11/2014 - 3/12/2014	.120	20.0	6.68	1078.0
4/2/2014 - 4/3/2014	.340	20.0	6.65	1142.0
5/7/2014	.120	20.0	6.82	1019.0
6/3/2014	<.100	21.0	6.59	563.0
7/8/2014 - 7/18/2014	<.100	21.0	6.93	561.0
8/5/2014 - 8/6/2014	.130	21.0	6.23	579.0
9/4/2014 - 9/5/2014	.110	21.0	6.69	590.0
10/8/2014 - 10/9/2014	.130	22.0	6.65	622.0
10/9/2014 - 10/23/2014	.130	22.0	6.65	622.0
10/23/2014 - 11/3/2014	.150	24.0	7.30	622.0
1/14/2015 - 1/15/2015	.170	24.0	5.84	676.0
2/10/2015 - 2/13/2015	.200	25.0	6.32	684.0
3/3/2015	.220	24.0	6.66	666.0
4/1/2015 - 4/2/2015	.200	27.0	6.73	704.0
5/6/2015 - 5/7/2015	.210	29.0	6.25	1047.0
6/2/2015 - 6/5/2015	.210	25.0	6.77	1114.0
7/7/2015 - 7/16/2015	.190	29.0	6.49	1145.0
7/22/2015 - 8/5/2015	.170	31.0	6.46	1116.0
9/2/2015 - 9/3/2015	.160	31.0	6.62	1155.0
10/5/2015 - 10/6/2015	.130	35.0	6.99	1113.0
11/4/2015 - 11/5/2015	.140	42.0	6.69	1093.0
12/3/2015 - 12/4/2015	.130	45.0	6.92	681.0
1/5/2016 - 1/8/2016	.120	52.0	6.84	658.0
2/3/2016 - 2/11/2016	<.100	57.0	7.86	719.0
3/2/2016 - 3/3/2016	<.100	58.0	7.18	733.0
4/5/2016 - 4/6/2016	<.100	63.0	7.19	759.0
5/11/2016 - 5/12/2016	<.100	58.0	6.68	737.0
6/1/2016 - 6/2/2016	<.100	65.0	6.94	764.0
7/19/2016 - 7/22/2016	<.100	70.0	6.48	699.0
8/10/2016 - 8/11/2016	<.100	68.0	7.38	693.0
9/6/2016 - 9/7/2016	<.100	69.0	6.61 *	657.0 *
10/5/2016 - 10/7/2016	<.100 *	68.0 *	7.01	665.0
11/2/2016 - 11/3/2016	<.100	64.0	6.73	656.0
12/1/2016 - 12/2/2016	<.100	67.0	7.81	827.0
1/10/2017 - 1/13/2017	<.100	60.0	5.39	751.0
2/7/2017 - 2/8/2017	<.100	51.0	7.63	668.0
3/1/2017 - 3/3/2017	<.100	53.0	6.01	825.0
4/4/2017 - 4/6/2017	<.100	49.0	6.66	784.0
5/2/2017 - 5/16/2017	<.100 *	69.5 *	6.52 *	737.5 *
6/6/2017 - 6/7/2017	<.100	72.0	6.86	723.0
7/18/2017 - 8/1/2017	<.100 *	77.0 *	6.82 *	803.5 *
8/1/2017 - 8/2/2017	<.100	76.0	6.98	791.0
9/5/2017 - 9/6/2017	<.100	82.0	7.36	510.0
10/5/2017 - 10/9/2017	<.100	82.0	7.10	942.0
11/1/2017 - 11/2/2017	<.100	80.0	6.61	939.0

* - The displayed value is the arithmetic mean of multiple database matches.

Table 10

Analytical Data Summary for LGW-9

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
1/23/2018 - 1/26/2018	<.100	71.0	6.44	814.0
2/21/2018 - 2/23/2018	<.100	71.0	6.51	869.0
3/19/2018 - 3/22/2018	<.100	78.0	6.42	863.0
4/9/2018 - 4/11/2018	<.100 *	74.0 *	6.45 *	847.0 *
6/4/2018 - 6/6/2018	<.100	72.0	6.37 *	781.0 *
7/10/2018 - 7/18/2018	<.100	66.0	6.44	861.0
8/1/2018 - 8/2/2018	<.100	67.0	6.27	832.0
9/4/2018 - 9/6/2018	<.100	69.0	6.51	934.0
10/1/2018 - 10/4/2018	<.100 *	59.5 *	6.19 *	837.0 *
11/6/2018 - 11/8/2018	<.100	54.0	6.47	804.0
12/4/2018 - 12/5/2018	<.100	56.0	6.47	801.0
1/2/2019 - 1/7/2019	<.100	53.0	6.58	840.0
2/4/2019 - 2/6/2019	<.100	53.0	6.43	682.0
3/4/2019 - 3/6/2019	<.100	52.0	6.16	740.0
4/2/2019 - 4/3/2019	<.100	51.0	6.43	840.0
5/1/2019 - 5/9/2019	<.100	51.0	6.61	677.0
6/3/2019 - 6/5/2019	<.100	52.0	6.42	737.0
7/8/2019 - 7/11/2019	<.100 *	51.0 *	6.52 *	767.0 *
8/5/2019 - 8/8/2019	<.100	40.0	6.41	682.0
9/3/2019 - 9/5/2019	<.100	46.0	6.42	695.0
9/30/2019 - 10/3/2019	<.100 *	45.5 *	6.64 *	712.0 *
11/5/2019 - 11/6/2019	<.100	40.0	6.53	672.0
12/2/2019 - 12/12/2019	<.100	41.0	6.69	567.3
1/13/2020 - 1/24/2020	<.100	38.9	6.05	556.2
1/24/2020 - 2/4/2020	<1.000	38.4	6.59	569.3
3/2/2020 - 3/4/2020	<.100	36.3	6.66	563.8
4/1/2020 - 4/3/2020	<.100	35.5	6.60 *	555.0 *
5/4/2020 - 5/5/2020	<.100	33.6	6.42	591.8
6/1/2020 - 6/3/2020	<.100	33.6	6.48	589.5
7/6/2020 - 7/9/2020	<.100 *	34.4 *	6.58 *	655.0 *
8/3/2020	<.100	35.5	6.55	693.0
9/1/2020 - 9/14/2020	<.100	36.3	6.45	672.0
10/5/2020 - 10/7/2020	<.100	36.3 *	6.55	592.1
11/2/2020 - 11/5/2020	<.100	37.3	6.70	658.0
12/1/2020 - 12/4/2020	<.100	35.8	6.44	610.6
1/13/2021 - 1/18/2021	.136 *	19.4 *	6.07	541.0
2/9/2021 - 2/11/2021	<.100	39.9	6.58	762.0
3/2/2021 - 3/3/2021	<.100	38.3	6.36	799.0
4/6/2021 - 4/9/2021	<.100	37.5	6.41 *	779.0 *
5/4/2021 - 5/5/2021	<.100	36.1	6.30	792.0
6/1/2021 - 6/2/2021	<.100	36.4	6.36	783.0
7/1/2021 - 7/9/2021	<.100 *	36.6 *	6.44 *	798.0 *
8/3/2021 - 8/4/2021	<.100	36.0	6.44	747.0
9/1/2021 - 9/2/2021	<.100	37.0	6.41	761.0
10/4/2021 - 10/7/2021	<.100	36.1 *	6.46 *	744.0 *
11/1/2021 - 11/2/2021	<.100	34.6	6.40	745.0
12/8/2021 - 12/9/2021	<.100	31.6	6.46	694.0
1/12/2022 - 1/19/2022	<.100	33.6 *	6.43 *	702.0 *
2/9/2022 - 2/10/2022	<.100	34.4	6.49	741.0
3/1/2022 - 3/5/2022	<.100	35.8	6.43	737.0
4/4/2022 - 4/6/2022	<.100	36.4	6.39 *	756.0 *
5/6/2022 - 5/7/2022	<.100	35.2	6.30	794.0
6/2/2022 - 6/3/2022	<.100	36.9	6.11	869.0
7/9/2022 - 7/13/2022	.112	38.5	6.13	807.0
8/9/2022 - 8/10/2022	<.100	37.4	6.06	812.0

* - The displayed value is the arithmetic mean of multiple database matches.

Table 10

Analytical Data Summary for LGW-9

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
9/7/2022 - 9/8/2022	<.100	39.5	6.08	753.0
10/5/2022 - 10/7/2022	<.100	36.5	6.18 *	907.0 *
11/2/2022 - 11/3/2022	<.100	36.4	6.07	835.0
12/6/2022 - 12/7/2022	<.100	34.2	6.11	901.0
1/3/2023 - 1/11/2023	<.100	32.2	6.52	716.0
2/3/2023 - 2/4/2023	<.100	34.0	6.36	1388.0
3/1/2023 - 3/2/2023	<.100	33.7	6.12	759.0
4/4/2023 - 4/8/2023	<.100	31.0	6.06	690.0
5/9/2023 - 5/11/2023	<.100	33.7	5.99	766.0
6/7/2023 - 6/8/2023	<.100	36.1	5.59	790.0
7/5/2023 - 7/10/2023	<.100	35.1	6.17	834.0
8/1/2023 - 8/3/2023	<.100	36.0	3.96	780.0
9/1/2023 - 9/2/2023	<.100	32.5	6.35	950.0
10/2/2023 - 10/6/2023	<.100	34.8	6.41	930.0

* - The displayed value is the arithmetic mean of multiple database matches.

Table 11

Analytical Data Summary for MW-15

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
6/2/2015 - 6/5/2015	<.10 *	30.5 *	7.22 *	830.0 *
7/7/2015 - 7/16/2015	<.10	<3.0	7.20	807.0
7/22/2015 - 8/5/2015	<.10	28.0	7.92	930.0
9/2/2015 - 9/3/2015	<.10	29.0	8.73	856.0
10/5/2015 - 10/6/2015	<.10	24.0	8.59	835.0
11/4/2015 - 11/5/2015	<.10	22.0	8.07	768.0
12/3/2015 - 12/4/2015	<.10	35.0	8.72	496.0
1/5/2016 - 1/8/2016	<.10	45.0	7.32	407.0
2/3/2016 - 2/11/2016	<.10	31.0	7.81	372.0
3/2/2016 - 3/3/2016	<.10	42.0	7.37	425.0
4/5/2016 - 4/6/2016	<.10	32.0	7.25	431.0
5/11/2016 - 5/12/2016	<.10	27.0	6.27	413.0
6/1/2016 - 6/2/2016	<.10	31.0	6.30	412.0
7/19/2016 - 7/22/2016	<.10	41.0	6.06	378.0
8/10/2016 - 8/11/2016	<.10	34.0	6.76	375.0
9/6/2016 - 9/7/2016	<.10	36.0	6.31	346.0
10/5/2016 - 10/7/2016	<.10 *	31.0 *	6.75	354.0
11/2/2016 - 11/3/2016	<.10	31.0	6.05	340.0
12/1/2016 - 12/2/2016	<.10	32.0	6.26	522.0
1/10/2017 - 1/13/2017	<.10	25.0	6.48	408.0
2/7/2017 - 2/8/2017	<.10	29.0	6.55	399.0
3/1/2017 - 3/3/2017	<.10	20.0	6.90	455.0
4/4/2017 - 4/6/2017	<.10	30.0	6.88	421.0
5/2/2017 - 5/16/2017	<.10	35.0	7.22	471.0
6/6/2017 - 6/7/2017	<.10	40.0	7.40	455.0
7/18/2017 - 8/1/2017	<.10 *	42.0 *	6.43 *	424.5 *
8/1/2017 - 8/2/2017	<.10	42.0	6.35	412.0
9/5/2017 - 9/6/2017	<.10	41.0	6.30	460.0
10/5/2017 - 10/9/2017	<.10	40.0	7.08	549.0
11/1/2017 - 11/2/2017	<.10	43.0	7.22	564.0
1/23/2018 - 1/26/2018	<.10	46.0	6.88	485.1
2/21/2018 - 2/23/2018	<.10	41.0	6.92	568.0
3/19/2018 - 3/22/2018	<.10	48.0	66.40	434.2
4/9/2018 - 4/11/2018	<.10	54.0	6.75	523.0
6/4/2018 - 6/6/2018	<.10	54.0	6.59	470.0
7/10/2018 - 7/18/2018	<.10	51.0	6.93	556.0
7/18/2018 - 8/1/2018	<.10	52.0	6.48	513.0
8/1/2018 - 8/2/2018	<.10	52.0	6.48	513.0
9/4/2018 - 9/6/2018	<.10	57.0	6.74	552.0
10/1/2018 - 10/4/2018	<.10	51.0	6.14 *	549.0 *
11/6/2018 - 11/8/2018	<.10	44.0	6.70	533.3
12/4/2018 - 12/5/2018	<.10	44.0	6.74	464.2
1/2/2019 - 1/7/2019	<.10	41.0	6.80	469.8
2/4/2019 - 2/6/2019	<.10	52.0	6.55	424.0
3/4/2019 - 3/6/2019	<.10	52.0	6.74	468.0
4/2/2019 - 4/3/2019	<.10	51.0	6.54	536.1
5/1/2019 - 5/9/2019	<.10	50.0	6.74	460.5
6/3/2019 - 6/5/2019	.14	44.0	6.55	483.2
7/8/2019 - 7/11/2019	<.10 *	47.0 *	6.65 *	477.0 *
8/5/2019 - 8/8/2019	<.10	42.0	6.82	434.2
9/3/2019 - 9/5/2019	<.10	47.0	6.29	437.5
9/30/2019 - 10/3/2019	<.10	37.0	6.89	455.3
11/5/2019 - 11/6/2019	<.10	41.0	6.42	438.5
12/2/2019 - 12/12/2019	<.10	47.0	6.99	517.0
1/13/2020 - 1/24/2020	<.10	40.4	6.60	406.3

* - The displayed value is the arithmetic mean of multiple database matches.

Table 11

Analytical Data Summary for MW-15

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
1/24/2020 - 2/4/2020	<1.00	32.9	6.71	425.7
3/2/2020 - 3/4/2020	<.10	36.1	6.93	563.9
4/1/2020 - 4/3/2020	<.10	32.3	6.58	449.6
5/4/2020 - 5/5/2020	<.10	35.5	6.43	453.2
6/1/2020 - 6/3/2020	<.10	20.6	6.85	591.8
7/6/2020 - 7/9/2020	<.10	36.1	6.86 *	519.5 *
8/3/2020	<.10	40.8 *	6.69 *	641.0 *
9/1/2020 - 9/14/2020	<.10	35.8	6.20	452.6
10/5/2020 - 10/7/2020	<.10	29.6	6.26	397.0
11/2/2020 - 11/5/2020	<.10	23.2	6.76	399.8
12/1/2020 - 12/4/2020	<.10	25.2	6.45	363.2
1/13/2021 - 1/18/2021	<.10 *	26.0 *	6.14 *	317.5 *
2/9/2021 - 2/11/2021	<.10	24.8	6.62	417.0
3/2/2021 - 3/3/2021	<.10	19.6	6.58	384.0
4/6/2021 - 4/9/2021	<.10	27.9	6.52	434.0
5/4/2021 - 5/5/2021	<.10	15.8	6.57	336.0
6/1/2021 - 6/2/2021	<.10	27.1	6.58	493.0
7/1/2021 - 7/9/2021	<.10 *	31.4 *	6.38 *	433.0 *
8/3/2021 - 8/4/2021	<.10	33.2	6.54	453.0
9/1/2021 - 9/2/2021	<.10	35.7	6.46	463.0
10/4/2021 - 10/7/2021	<.10	35.6	6.54 *	478.0 *
11/1/2021 - 11/2/2021	<.10	34.4	6.40	506.0
12/8/2021 - 12/9/2021	<.10	33.5	6.52	493.0
1/12/2022 - 1/19/2022	<.10	35.3 *	6.52 *	495.0 *
2/9/2022 - 2/10/2022	<.10	34.5	6.55	494.0
3/1/2022 - 3/5/2022	<.10	35.6	6.49	489.0
4/4/2022 - 4/6/2022	<.10	36.0	6.39	492.0
5/6/2022 - 5/7/2022	<.10	17.6	6.86	341.0
6/2/2022 - 6/3/2022	<.10	40.9	6.08	540.0
7/9/2022 - 7/13/2022	<.10	39.5	6.07	479.0
8/9/2022 - 8/10/2022	<.10	37.9	6.05	518.0
9/7/2022 - 9/8/2022	<.10	37.8	6.12	527.0
10/5/2022 - 10/7/2022	<.10	35.0	5.77 *	538.0 *
11/2/2022 - 11/3/2022	<.10	34.5	6.35	541.0
12/6/2022 - 12/7/2022	<.10	36.4	6.26	660.0
1/3/2023 - 1/11/2023	<.10	40.5	6.56	532.0
2/3/2023 - 2/4/2023	<.10	38.0	6.45	1046.0
3/1/2023 - 3/2/2023	<.10	39.1	6.24	563.0
4/4/2023 - 4/8/2023	<.10	37.3	6.16	519.0
5/9/2023 - 5/11/2023	<.10	37.2	6.18	494.0
6/7/2023 - 6/8/2023	<.10	37.7	5.81	526.0
7/5/2023 - 7/10/2023	<.10	35.7	6.23	581.0
8/1/2023 - 8/3/2023	<.10	37.6	4.04	576.0
9/1/2023 - 9/2/2023	<.10	36.8	6.52	687.0
10/2/2023 - 10/6/2023	<.10	39.3	6.42	702.0

* - The displayed value is the arithmetic mean of multiple database matches.

Table 12

Analytical Data Summary for MW-16

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
6/2/2015 - 6/5/2015	<.10 *	9.70 *	5.33 *	631.0 *
7/7/2015 - 7/16/2015	<.10	11.00	7.91	648.0
7/16/2015 - 7/22/2015	<.10	11.00	7.91	648.0
7/22/2015 - 8/5/2015	<.10	9.60	7.72	726.0
9/2/2015 - 9/3/2015	<.10	13.00	7.78	756.0
10/5/2015 - 10/6/2015	<.10	12.00	8.66	747.0
11/4/2015 - 11/5/2015	<.10	13.00	8.17	706.0
12/3/2015 - 12/4/2015	<.10	12.00	8.67	426.0
1/5/2016 - 1/8/2016	<.10	8.20	7.84	398.0
2/3/2016 - 2/11/2016	<.10	9.90	8.23	388.0
3/2/2016 - 3/3/2016	<.10	9.10	7.67	395.0
4/5/2016 - 4/6/2016	<.10	9.80	7.83	400.0
5/11/2016 - 5/12/2016	<.10	14.00	6.74	442.0
6/1/2016 - 6/2/2016	<.10	16.00	8.50	475.0
7/19/2016 - 7/22/2016	<.10	9.70	7.28	369.0
8/10/2016 - 8/11/2016	<.10	7.40	7.58	335.0
9/6/2016 - 9/7/2016	<.10	13.00	6.99	362.0
10/5/2016 - 10/7/2016	<.10 *	8.15 *	7.92	298.0
11/2/2016 - 11/3/2016	<.10	12.00	7.00	312.0
12/1/2016 - 12/2/2016	<.10	5.60	6.73	370.0
1/10/2017 - 1/13/2017	<.10	11.00	6.56	390.0
2/7/2017 - 2/8/2017	<.10	12.00	6.73	290.0
3/1/2017 - 3/3/2017	<.10	13.00	6.79	467.0
4/4/2017 - 4/6/2017	<.10	18.00	7.62	521.0
5/2/2017 - 5/16/2017	<.10	14.00	7.65	501.0
6/6/2017 - 6/7/2017	<.10	9.80	7.55	387.0
7/18/2017 - 8/1/2017	<.10 *	10.00 *	6.96 *	400.0 *
8/1/2017 - 8/2/2017	<.10	10.00	7.02	395.0
9/5/2017 - 9/6/2017	<.10	9.20	7.12	373.0
10/5/2017 - 10/9/2017	<.10	8.30	7.27	423.0
11/1/2017 - 11/2/2017	.13	7.00	7.62	412.0
1/23/2018 - 1/26/2018	<.10	5.30	7.44	326.0
2/21/2018 - 2/23/2018	<.10	4.70	7.99	347.0
3/19/2018 - 3/22/2018	<.10	5.10	7.31	287.3
4/9/2018 - 4/11/2018	<.10	6.00	7.26	349.5
6/4/2018 - 6/6/2018	<.10	6.00	7.31	325.0
7/10/2018 - 7/18/2018	<.10	5.30	7.45	361.0
7/18/2018 - 8/1/2018	<.10	5.00	7.11	327.0
8/1/2018 - 8/2/2018	<.10	5.00	7.11	327.0
9/4/2018 - 9/6/2018	<.10	5.10	7.43	350.0
10/1/2018 - 10/4/2018	<.10	4.10	7.06	341.0
11/6/2018 - 11/8/2018	<.10	3.80	7.26	325.4
12/4/2018 - 12/5/2018	.12	4.20	7.28	292.5
1/2/2019 - 1/7/2019	<.10	4.10	7.01	318.0
2/4/2019 - 2/6/2019	<.10	4.10	7.23	253.0
3/4/2019 - 3/6/2019	<.10	4.30	7.39	290.0
4/2/2019 - 4/3/2019	<.10	4.10	7.31	338.0
5/1/2019 - 5/9/2019	<.10	4.50	7.46	302.0
6/3/2019 - 6/5/2019	.19	3.70	7.32	330.5
7/8/2019 - 7/11/2019	<.10 *	3.60 *	7.41 *	358.0 *
8/5/2019 - 8/8/2019	<.10	3.80	7.31	330.8
9/3/2019 - 9/5/2019	<.10	4.30	7.30	331.0
9/30/2019 - 10/3/2019	<.10	3.70	7.55	332.0
11/5/2019 - 11/6/2019	<.10	4.20	7.40	333.2
12/2/2019 - 12/12/2019	<.10	4.10	7.46	278.9

* - The displayed value is the arithmetic mean of multiple database matches.

Table 12

Analytical Data Summary for MW-16

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
1/13/2020 - 1/24/2020	<.10	11.20	7.81	285.6
1/24/2020 - 2/4/2020	<1.00	4.79	7.53	289.1
3/2/2020 - 3/4/2020	<.10	4.55	7.49	295.4
4/1/2020 - 4/3/2020	<.10	4.30	7.30	291.1
5/4/2020 - 5/5/2020	<.10	4.01	7.28	312.1
6/1/2020 - 6/3/2020	<.10	4.14	7.05	335.4
7/6/2020 - 7/9/2020	<.10	4.32	7.34 *	296.3 *
8/3/2020	<.10	4.42 *	7.28 *	349.8 *
9/1/2020 - 9/14/2020	<.10	4.28	7.30	320.6
10/5/2020 - 10/7/2020	<.10	3.94	7.27	293.4
11/2/2020 - 11/5/2020	<.10	3.83	7.48	300.1
12/1/2020 - 12/4/2020	<.10	3.85	7.45	310.5
1/13/2021 - 1/18/2021	<.10 *	4.20 *	7.06 *	256.7 *
2/9/2021 - 2/11/2021	<.10	3.90	7.48	340.2
3/2/2021 - 3/3/2021	<.10	3.85	7.34	348.0
4/6/2021 - 4/9/2021	<.10	3.89	7.39	342.0
5/4/2021 - 5/5/2021	<.10	4.06	7.33	351.0
6/1/2021 - 6/2/2021	<.10	4.24	7.19	352.0
7/1/2021 - 7/9/2021	<.10 *	4.36 *	7.33 *	362.0 *
8/3/2021 - 8/4/2021	<.10	4.27	7.43	352.0
9/1/2021 - 9/2/2021	<.10	4.63	7.38	359.0
10/4/2021 - 10/7/2021	<.10	3.97	7.41	338.0
11/1/2021 - 11/2/2021	<.10	3.72	7.24	342.0
12/8/2021 - 12/9/2021	<.10	3.46	7.39	331.0
1/12/2022 - 1/19/2022	<.10	4.12 *	7.43 *	341.0 *
2/9/2022 - 2/10/2022	<.10	4.33	7.44	349.0
3/1/2022 - 3/5/2022	<.10	3.90	7.36	345.0
4/4/2022 - 4/6/2022	<.10	3.52	7.25	355.0
5/6/2022 - 5/7/2022	<.10	4.10	7.34	378.0
6/2/2022 - 6/3/2022	<.10	4.60	7.04	405.0
7/9/2022 - 7/13/2022	.15	4.70	7.01	380.0
8/9/2022 - 8/10/2022	<.10	4.46	6.88	382.0
9/7/2022 - 9/8/2022	<.10	4.21	6.97	367.0
10/5/2022 - 10/7/2022	<.10	3.81	6.58	357.0
11/2/2022 - 11/3/2022	<.10	3.76	7.19	362.0
12/6/2022 - 12/7/2022	<.10	3.86	7.09	416.0
1/3/2023 - 1/11/2023	<.10	4.59	7.35	344.0
2/3/2023 - 2/4/2023	<.10	4.08	7.13	668.0
3/1/2023 - 3/2/2023	<.10	4.49	6.98	366.0
4/4/2023 - 4/8/2023	<.10	3.80	6.80	341.0
5/9/2023 - 5/11/2023	<.10	4.20	6.95	346.0
6/7/2023 - 6/8/2023	<.10	4.45	6.74	368.0
7/5/2023 - 7/10/2023	<.10	4.08	7.04	380.0
8/1/2023 - 8/3/2023	<.10	4.21	4.87	374.0
9/1/2023 - 9/2/2023	<.10	3.98	7.35	427.0
10/2/2023 - 10/6/2023	<.10	4.05	7.20	449.0

* - The displayed value is the arithmetic mean of multiple database matches.

Table 13

Analytical Data Summary for MW-17

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
6/2/2015 - 6/5/2015	<.1 *	25.00 *	7.13 *	600.0 *
7/7/2015 - 7/16/2015	<.1	23.00	7.10	541.0
7/22/2015 - 8/5/2015	<.1	25.00	7.17	552.0
9/2/2015 - 9/3/2015	<.1	25.00	7.21	576.0
10/5/2015 - 10/6/2015	<.1	18.00	7.68	559.0
11/4/2015 - 11/5/2015	<.1	23.00	8.28	626.0
12/3/2015 - 12/4/2015	<.1	24.00	8.91	315.0
1/5/2016 - 1/8/2016	<.1	6.50	7.21	654.0
2/3/2016 - 2/11/2016	<.1	10.00	7.42	671.0
3/2/2016 - 3/3/2016	<.1	17.00	7.38	278.0
4/5/2016 - 4/6/2016	<.1	12.00	7.32	263.0
5/11/2016 - 5/12/2016	<.1	18.00	7.96	365.0
6/1/2016 - 6/2/2016	<.1	19.00	7.47	350.0
7/19/2016 - 7/22/2016	<.1	15.00	6.90	267.0
8/10/2016 - 8/11/2016	<.1	17.00	7.84	337.0
9/6/2016 - 9/7/2016	<.1	19.00	6.90	307.0
10/5/2016 - 10/7/2016	<.1 *	17.00 *	7.33	404.0
11/2/2016 - 11/3/2016	<.1	19.00	7.51	363.0
12/1/2016 - 12/2/2016	<.1	18.00	6.53	430.0
1/10/2017 - 1/13/2017	<.1	18.00	6.62	434.0
2/7/2017 - 2/8/2017	<.1	18.00	6.97	370.0
3/1/2017 - 3/3/2017	<.1	15.00	6.74	444.0
4/4/2017 - 4/6/2017	<.1	19.00	7.36	434.0
5/2/2017 - 5/16/2017	<.1	9.50	7.33 *	361.5 *
6/6/2017 - 6/7/2017	<.1	17.00	7.56	384.0
7/18/2017 - 8/1/2017	<.1 *	19.00 *	7.26 *	337.5 *
8/1/2017 - 8/2/2017	<.1	19.00	7.32	266.0
9/5/2017 - 9/6/2017	<.1	23.00	7.28	365.0
10/5/2017 - 10/9/2017	<.1	28.00	7.13	375.0
11/1/2017 - 11/2/2017	<.1	27.00	7.50	371.0
1/23/2018 - 1/26/2018	<.1	35.00	6.92	397.3
2/21/2018 - 2/23/2018	<.1	27.00	7.35	486.0
3/19/2018 - 3/22/2018	<.1	22.00	6.42	278.1
4/9/2018 - 4/11/2018	<.1	26.00	6.39	336.7
6/4/2018 - 6/6/2018	<.1	35.00	6.51	394.0
7/10/2018 - 7/18/2018	<.1	32.00	6.95	471.0
7/18/2018 - 8/1/2018	<.1	32.00	6.65	467.0
8/1/2018 - 8/2/2018	<.1	32.00	6.65	467.0
9/4/2018 - 9/6/2018	<.1	35.00	6.80	457.0
10/1/2018 - 10/4/2018	<.1	32.50 *	6.30 *	468.0 *
11/6/2018 - 11/8/2018	<.1	27.00	6.98	516.9
12/4/2018 - 12/5/2018	<.1	33.00	6.97	553.7
1/2/2019 - 1/7/2019	<.1	32.00	6.84	407.4
2/4/2019 - 2/6/2019	<.1	32.00	6.71	358.0
3/4/2019 - 3/6/2019	<.1	33.00	6.81	407.0
4/2/2019 - 4/3/2019	<.1	32.00	6.73	475.9
5/1/2019 - 5/9/2019	<.1	32.00	7.20	490.9
6/3/2019 - 6/5/2019	<.1	34.00	6.81	511.9
6/5/2019 - 6/18/2019	<.1	34.00	6.81	511.9
7/8/2019 - 7/11/2019	<.1 *	30.50 *	6.71 *	474.0 *
8/5/2019 - 8/8/2019	<.1	28.00	7.37	540.2
9/3/2019 - 9/5/2019	<.1	35.00	6.64	496.2
9/30/2019 - 10/3/2019	<.1	27.00	7.09	483.9
11/5/2019 - 11/6/2019	<.1	23.00	6.39	314.3
12/2/2019 - 12/12/2019	<.1	23.00	6.45	270.4

* - The displayed value is the arithmetic mean of multiple database matches.

Table 13

Analytical Data Summary for MW-17

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
1/13/2020 - 1/24/2020	<.1	22.90	6.73	289.5
1/24/2020 - 2/4/2020	<1.0	24.20	7.09	471.0
3/2/2020 - 3/4/2020	<.1	23.10	6.42	308.4
4/1/2020 - 4/3/2020	<.1	22.80	6.98	483.7
5/4/2020 - 5/5/2020	<.1	21.60	6.94	515.6
6/1/2020 - 6/3/2020	<.1	22.90	6.97	515.7
7/6/2020 - 7/9/2020	<.1	20.80	7.05 *	559.4 *
8/3/2020	<.1	22.85 *	6.96 *	534.7 *
9/1/2020 - 9/14/2020	<.1	22.60	6.85	528.6
10/5/2020 - 10/7/2020	<.1	15.20	6.94	477.3
11/2/2020 - 11/5/2020	<.1	14.50	7.14	455.7
12/1/2020 - 12/4/2020	<.1	15.20	6.75	327.5
1/13/2021 - 1/18/2021	<.1 *	14.20 *	6.57	295.9
2/9/2021 - 2/11/2021	<.1	15.40	7.19	456.0
3/2/2021 - 3/3/2021	<.1	12.30	6.63	321.0
4/6/2021 - 4/9/2021	<.1	14.90	7.18	454.0
5/4/2021 - 5/5/2021	<.1	14.00	7.13	474.0
6/1/2021 - 6/2/2021	<.1	25.60	6.81	521.0
7/1/2021 - 7/9/2021	<.1 *	35.80 *	6.90 *	540.0 *
8/3/2021 - 8/4/2021	<.1	29.20	7.06	568.0
9/1/2021 - 9/2/2021	<.1	16.90	6.66	349.0
10/4/2021 - 10/7/2021	<.1	21.60	7.07 *	536.0 *
11/1/2021 - 11/2/2021	<.1	17.50	6.96	516.0
12/8/2021 - 12/9/2021	<.1	11.40	7.19	406.0
1/3/2023 - 1/11/2023	<.1	11.00	6.87	272.0
2/3/2023 - 2/4/2023	<.1	8.57	6.65	283.0
3/1/2023 - 3/2/2023	<.1	7.92	6.47	289.0
4/4/2023 - 4/8/2023	<.1	25.10	6.23	436.0
5/9/2023 - 5/11/2023	<.1	12.20	6.18	320.0
6/7/2023 - 6/8/2023	<.1	8.19	6.16	281.0
7/5/2023 - 7/10/2023	<.1	6.95	5.63	282.0
8/1/2023 - 8/3/2023	<.1	7.10	6.07	336.0
9/1/2023 - 9/2/2023	<.1	6.48	6.77	338.0
10/2/2023 - 10/6/2023	<.1	6.63	6.56	315.0

* - The displayed value is the arithmetic mean of multiple database matches.

Table 14

Analytical Data Summary for MW-19

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
6/2/2015 - 6/5/2015	<.10 *	14.00 *	7.35 *	774.5 *
7/7/2015 - 7/16/2015	<.10	14.00	7.85	625.0
7/16/2015 - 7/22/2015	<.10	14.00	7.85	625.0
7/22/2015 - 8/5/2015	<.10	6.30	8.15	436.0
9/2/2015 - 9/3/2015	<.10	8.40	8.41	439.0
10/5/2015 - 10/6/2015	<.10	5.00	8.79	620.0
11/4/2015 - 11/5/2015	<.10	5.50	8.27	578.0
12/3/2015 - 12/4/2015	<.10	6.00	9.15	381.0
1/5/2016 - 1/8/2016	<.10	8.60	8.38	348.0
2/3/2016 - 2/11/2016	<.10	9.80	8.22	370.0
3/2/2016 - 3/3/2016	<.10	9.20	7.95	301.0
4/5/2016 - 4/6/2016	<.10	10.00	7.55	379.0
5/11/2016 - 5/12/2016	<.10	9.50	7.77	253.0
6/1/2016 - 6/2/2016	<.10	9.30	9.03	553.0
7/19/2016 - 7/22/2016	<.10	9.00	7.65	228.0
8/10/2016 - 8/11/2016	<.10	9.00	7.25	213.0
9/6/2016 - 9/7/2016	<.10	11.00	7.35	282.0
10/5/2016 - 10/7/2016	.10 *	10.05 *	7.17	294.0
11/2/2016 - 11/3/2016	<.10	9.60	7.39	231.0
12/1/2016 - 12/2/2016	<.10	8.50	7.35	492.0
1/10/2017 - 1/13/2017	<.10	10.00	6.93	284.0
2/7/2017 - 2/8/2017	<.10	8.70	7.00	299.0
3/1/2017 - 3/3/2017	<.10	7.30	6.81	320.0
4/4/2017 - 4/6/2017	<.10	8.20	7.74	293.0
5/2/2017 - 5/16/2017	<.10	9.10	7.67	278.0
6/6/2017 - 6/7/2017	.31	13.00	7.01	527.0
7/18/2017 - 8/1/2017	<.10 *	18.50 *	7.09 *	520.5 *
8/1/2017 - 8/2/2017	<.10	18.00	7.11	474.0
9/5/2017 - 9/6/2017	<.10	16.00	7.38	348.0
10/5/2017 - 10/9/2017	<.10	15.00	7.34	398.0
11/1/2017 - 11/2/2017	<.10	15.00	7.51	387.0
1/23/2018 - 1/26/2018	<.10	11.00	7.56	319.5
2/21/2018 - 2/23/2018	<.10	11.00	7.43	345.0
3/19/2018 - 3/22/2018	<.10	15.00	7.04	420.2
4/9/2018 - 4/11/2018	<.10	14.00	7.27	345.3
6/4/2018 - 6/6/2018	<.10	13.00	7.63	245.0
7/10/2018 - 7/18/2018	<.10	12.00	7.78	291.0
8/1/2018 - 8/2/2018	<.10	13.00	7.37	293.0
9/4/2018 - 9/6/2018	<.10	13.00	7.93	279.0
10/1/2018 - 10/4/2018	<.10	11.50 *	7.23 *	282.0 *
11/6/2018 - 11/8/2018	<.10	9.70	7.53	298.2
12/4/2018 - 12/5/2018	<.10	11.00	7.50	321.4
1/2/2019 - 1/7/2019	<.10	10.00	7.53	318.4
2/4/2019 - 2/6/2019	<.10	11.00	7.44	248.0
3/4/2019 - 3/6/2019	<.10	11.00	7.60	221.0
4/2/2019 - 4/3/2019	<.10	11.00	7.49	261.2
5/1/2019 - 5/9/2019	<.10	10.00	7.65	237.3
6/3/2019 - 6/5/2019	<.10	12.00	7.61	262.8
7/8/2019 - 7/11/2019	<.10 *	9.50 *	7.56 *	323.0 *
8/5/2019 - 8/8/2019	<.10	9.00	7.82	308.1
9/3/2019 - 9/5/2019	<.10	9.50	7.55	277.6
9/30/2019 - 10/3/2019	<.10	13.00	7.34	469.9
11/5/2019 - 11/6/2019	<.10	35.00	6.82	582.0
12/2/2019 - 12/12/2019	<.10	43.00	7.02	534.4
1/13/2020 - 1/24/2020	<.10	27.00	7.37	456.8

* - The displayed value is the arithmetic mean of multiple database matches.

Table 14

Analytical Data Summary for MW-19

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
1/24/2020 - 2/4/2020	<1.00	30.90	6.90	492.4
3/2/2020 - 3/4/2020	<.10	30.90	7.16	445.5
4/1/2020 - 4/3/2020	<.10	35.70	6.89	485.6
5/4/2020 - 5/5/2020	<.10	29.90	7.06	456.3
6/1/2020 - 6/3/2020	<.10	15.60	7.21	383.2
7/6/2020 - 7/9/2020	<.10	26.00	6.91 *	479.0 *
8/3/2020	<.10	23.90 *	7.17 *	506.0 *
9/1/2020 - 9/14/2020	<.10	21.40	7.67	302.8
10/5/2020 - 10/7/2020	<.10	20.00	7.54	320.4
11/2/2020 - 11/5/2020	<.10	19.60	7.19	437.5
12/1/2020 - 12/4/2020	<.10	18.90	7.47	343.7
1/13/2021 - 1/18/2021	<.10 *	18.10 *	7.25	358.7
2/9/2021 - 2/11/2021	<.10	18.70	7.35	422.2
3/2/2021 - 3/3/2021	<.10	17.00	7.28	407.0
4/6/2021 - 4/9/2021	<.10	17.10	7.35	408.0
5/4/2021 - 5/5/2021	<.10	15.50	7.33	412.0
6/1/2021 - 6/2/2021	<.10	16.00	7.26	403.0
7/1/2021 - 7/9/2021	<.10 *	15.63 *	7.22 *	381.0 *
8/3/2021 - 8/4/2021	<.10	14.90	7.32	374.0
9/1/2021 - 9/2/2021	<.10	14.80	7.70	301.0
10/4/2021 - 10/7/2021	<.10	13.80	7.11	474.0
11/1/2021 - 11/2/2021	<.10	13.10	6.80	576.0
12/8/2021 - 12/9/2021	<.10	12.00	6.77	625.0
12/6/2022 - 12/7/2022	<.10	8.46	7.55	350.0
1/3/2023 - 1/11/2023	<.10	9.07	7.79	288.0
2/3/2023 - 2/4/2023	<.10	8.72	7.31	650.0
3/1/2023 - 3/2/2023	<.10	8.67	7.14	336.0
4/4/2023 - 4/8/2023	<.10	7.83	7.38	364.0
5/9/2023 - 5/11/2023	<.10	8.29	6.51	337.0
6/7/2023 - 6/8/2023	<.10	8.26	7.07	271.0
7/5/2023 - 7/10/2023	<.10	7.75	7.64	293.0
8/1/2023 - 8/3/2023	<.10	7.84	5.50	310.0
9/1/2023 - 9/2/2023	<.10	7.46	7.98	335.0
10/2/2023 - 10/6/2023	<.10	7.79	7.07	513.0

* - The displayed value is the arithmetic mean of multiple database matches.

Table 15

Analytical Data Summary for MW-7N

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
4/30/2013 - 5/2/2013	.180	18.0	6.30	678.0
6/4/2013 - 6/5/2013	.110 *	14.5 *	6.13 *	536.0 *
7/15/2013 - 7/17/2013	<.100	12.0	6.34	353.0
7/30/2013 - 8/9/2013	<.100	12.0	6.49	378.0
9/10/2013 - 9/11/2013	<.100	11.0	6.22	301.0
10/1/2013 - 10/2/2013	<.100	10.0	6.48	310.0
11/6/2013	<.100	11.0	6.45	315.0
12/2/2013 - 12/3/2013	<.100	11.0	6.46	314.0
1/22/2014 - 1/30/2014	<.100	13.0	6.73	344.0
1/30/2014 - 2/13/2014	<.100 *	12.0 *	6.60 *	317.0 *
3/11/2014 - 3/12/2014	<.100	11.0	6.71	560.0
4/2/2014 - 4/3/2014	.140	12.0	6.35	641.0
5/7/2014	<.100	9.5	6.85	630.0
6/3/2014	<.100	9.5	6.15	306.0
7/8/2014 - 7/18/2014	<.100	12.0	6.87	300.0
8/5/2014 - 8/6/2014	<.100	9.9	5.92	302.0
9/4/2014 - 9/5/2014	<.100	9.1	6.61	301.0
10/8/2014 - 10/9/2014	<.100	9.3	6.96	308.0
10/9/2014 - 10/23/2014	<.100	9.3	6.96	308.0
10/23/2014 - 11/3/2014	<.100	11.0	7.52	300.0
1/14/2015 - 1/15/2015	<.100	9.5	5.73	320.0
2/10/2015 - 2/13/2015	<.100	15.0	6.12	350.0
3/3/2015	<.100	13.0	6.85	422.0
4/1/2015 - 4/2/2015	<.100	14.0	6.40	409.0
5/6/2015 - 5/7/2015	<.100	11.0	6.83	562.0
6/2/2015 - 6/5/2015	<.100	15.0	6.87	615.0
7/7/2015 - 7/16/2015	<.100	12.0	6.52	632.0
7/22/2015 - 8/5/2015	<.100	12.0	7.20	616.0
9/2/2015 - 9/3/2015	<.100	11.0	7.35	622.0
10/5/2015 - 10/6/2015	<.100	14.0	7.26	584.0
11/4/2015 - 11/5/2015	<.100	14.0	7.06	551.0
12/3/2015 - 12/4/2015	<.100	17.0	7.18	362.0
1/5/2016 - 1/8/2016	<.100	14.0	7.26	336.0
2/3/2016 - 2/11/2016	<.100	14.0	7.97	322.0
3/2/2016 - 3/3/2016	<.100	21.0	7.47	339.0
4/5/2016 - 4/6/2016	<.100	27.0	7.32	421.0
5/11/2016 - 5/12/2016	<.100	23.0	6.48	370.0
6/1/2016 - 6/2/2016	<.100	25.0	7.53	387.0
7/19/2016 - 7/22/2016	<.100	29.0	7.10	390.0
8/10/2016 - 8/11/2016	<.100	29.0	7.37	371.0
9/6/2016 - 9/7/2016	<.100	30.0	7.27	342.0
10/5/2016 - 10/7/2016	.120	31.0	7.11	474.0
11/2/2016 - 11/3/2016	.300	47.0	6.45	646.0
12/1/2016 - 12/2/2016	.150	44.0	7.68	760.0
1/10/2017 - 1/13/2017	.410	54.0	7.26	715.0
2/7/2017 - 2/8/2017	.230	34.0	7.83	601.0
3/1/2017 - 3/3/2017	.220	41.0	5.90 *	736.0 *
4/4/2017 - 4/6/2017	.160	35.0	6.83	649.0
5/2/2017 - 5/16/2017	<.100	42.0	6.57	755.0
6/6/2017 - 6/7/2017	<.100	55.0	6.76	710.0
7/18/2017 - 8/1/2017	.166 *	38.0 *	6.75 *	682.5 *
8/1/2017 - 8/2/2017	<.100	42.0	6.88	730.0
9/5/2017 - 9/6/2017	.240	52.0	7.31	668.0
10/5/2017 - 10/9/2017	.200	47.0	7.19	595.0
11/1/2017 - 11/2/2017	.100	47.0	7.25	664.0

* - The displayed value is the arithmetic mean of multiple database matches.

Table 15

Analytical Data Summary for MW-7N

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
1/23/2018 - 1/26/2018	.160	38.0	6.54	529.9
2/21/2018 - 2/23/2018	<.100	33.0	6.38	458.6
3/19/2018 - 3/22/2018	.190	40.0	6.40	572.6
4/9/2018 - 4/11/2018	.125 *	44.5 *	6.42 *	541.6 *
6/4/2018 - 6/6/2018	<.100	44.0	6.32 *	471.0 *
7/10/2018 - 7/18/2018	<.100	43.0	6.45	500.0
7/18/2018 - 8/1/2018	<.100	45.0	6.36	508.0
8/1/2018 - 8/2/2018	<.100	45.0	6.36	508.0
9/4/2018 - 9/6/2018	<.100	49.0	6.64	628.0
10/1/2018 - 10/4/2018	<.100	43.0	6.04	541.0
11/6/2018 - 11/8/2018	<.100	37.0	6.35	473.9
12/4/2018 - 12/5/2018	<.100	41.0	6.35	513.3
1/2/2019 - 1/7/2019	<.100	42.0	6.61	497.1
2/4/2019 - 2/6/2019	<.100	43.0	6.38	429.0
3/4/2019 - 3/6/2019	<.100	42.0	6.06	495.0
4/2/2019 - 4/3/2019	<.100	43.0	6.28	457.9
5/1/2019 - 5/9/2019	<.100	42.0	6.66	461.7
6/3/2019 - 6/5/2019	<.100	38.0	6.19	493.8
7/8/2019 - 7/11/2019	<.100 *	41.5 *	6.33 *	539.2 *
8/5/2019 - 8/8/2019	<.100	38.0	6.37	492.8
9/3/2019 - 9/5/2019	<.100	43.0	6.37	490.4
9/30/2019 - 10/3/2019	<.100	43.0	6.95	490.8
11/5/2019 - 11/6/2019	<.100	42.0	6.53	544.4
12/2/2019 - 12/12/2019	<.100	45.0	6.60	443.0
1/13/2020 - 1/24/2020	<.100	45.3	6.57	490.4
1/24/2020 - 2/4/2020	<1.000	42.5	6.36	448.5
3/2/2020 - 3/4/2020	<.100	41.8	6.57	448.6
4/1/2020 - 4/3/2020	<.100	40.2	6.54	445.3
5/4/2020 - 5/5/2020	<.100	40.6	6.57	462.9
6/1/2020 - 6/3/2020	<.100	39.9	6.56	469.5
7/6/2020 - 7/9/2020	<.100 *	40.4 *	6.55 *	510.5 *
8/3/2020	<.100	40.4	6.51	528.6
9/1/2020 - 9/14/2020	<.100	40.5	6.36	510.3
10/5/2020 - 10/7/2020	<.100	41.0	6.52	446.6
11/2/2020 - 11/5/2020	<.100	40.8	6.63	482.0
12/1/2020 - 12/4/2020	<.100	41.3	6.45	479.6
1/13/2021 - 1/18/2021	<.100 *	41.2 *	6.26	437.4
2/9/2021 - 2/11/2021	<.100	42.4	6.71	580.0
3/2/2021 - 3/3/2021	<.100	40.4	6.54	597.0
4/6/2021 - 4/9/2021	<.100	41.5	6.65	601.0
5/4/2021 - 5/5/2021	<.100	41.7	6.54	629.0
6/1/2021 - 6/2/2021	<.100	45.1	6.61	638.0
7/1/2021 - 7/9/2021	<.100 *	47.1 *	6.69 *	653.0 *
8/3/2021 - 8/4/2021	<.100	46.0	6.76	632.0
9/1/2021 - 9/2/2021	<.100	46.7	6.61	624.0
10/4/2021 - 10/7/2021	<.100	45.6	6.69 *	603.0 *
11/1/2021 - 11/2/2021	<.100	44.3	6.53	613.0
12/8/2021 - 12/9/2021	<.100	42.4	6.68	587.0
1/12/2022 - 1/19/2022	<.100	43.2 *	6.74 *	602.0 *
2/9/2022 - 2/10/2022	<.100	41.0	6.78	613.0
3/1/2022 - 3/5/2022	<.100	41.7	6.69	612.0
4/4/2022 - 4/6/2022	<.100	40.6	6.63 *	622.0 *
5/6/2022 - 5/7/2022	<.100	41.6	6.59	662.0
6/2/2022 - 6/3/2022	<.100	41.4	6.30	702.0
7/9/2022 - 7/13/2022	.126	39.8	6.42	632.0

* - The displayed value is the arithmetic mean of multiple database matches.

Table 15

Analytical Data Summary for MW-7N

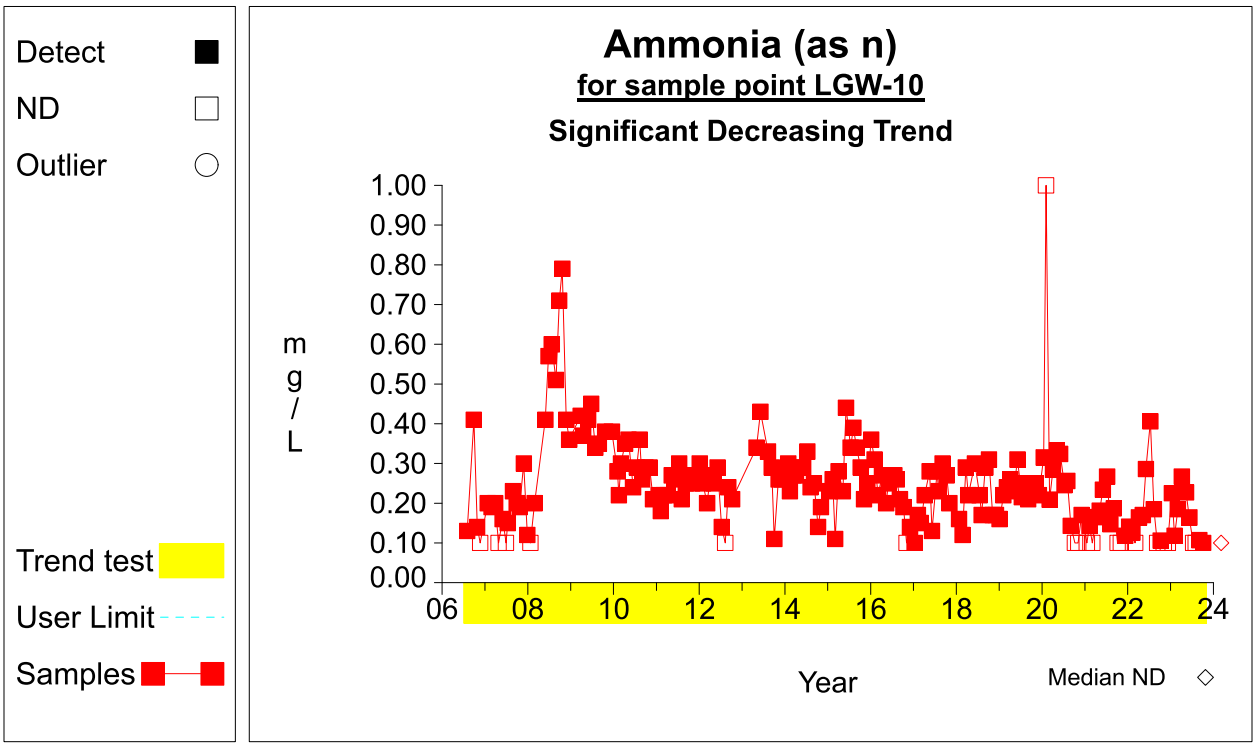
Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
8/9/2022 - 8/10/2022	<.100	39.5	6.42	609.0
9/7/2022 - 9/8/2022	<.100	40.7	6.35	610.0
10/5/2022 - 10/7/2022	<.100	37.4	5.98 *	590.0 *
11/2/2022 - 11/3/2022	<.100	36.2	6.35	641.0
12/6/2022 - 12/7/2022	<.100	36.2	6.46	723.0
1/3/2023 - 1/11/2023	<.100	33.3	6.70	576.0
2/3/2023 - 2/4/2023	<.100	34.8	6.78	6392.0
3/1/2023 - 3/2/2023	<.100	33.9	6.42	630.0
4/4/2023 - 4/8/2023	<.100	31.7	6.46	564.0
5/9/2023 - 5/11/2023	<.100	31.4	6.45	588.0
6/7/2023 - 6/8/2023	<.100	32.5	5.87	608.0
7/5/2023 - 7/10/2023	<.100	31.6	6.22	624.0
8/1/2023 - 8/3/2023	<.100	31.5	4.41	577.0
9/1/2023 - 9/2/2023	<.100	29.5	6.72	748.0
10/2/2023 - 10/6/2023	<.100	30.1	6.67	690.0

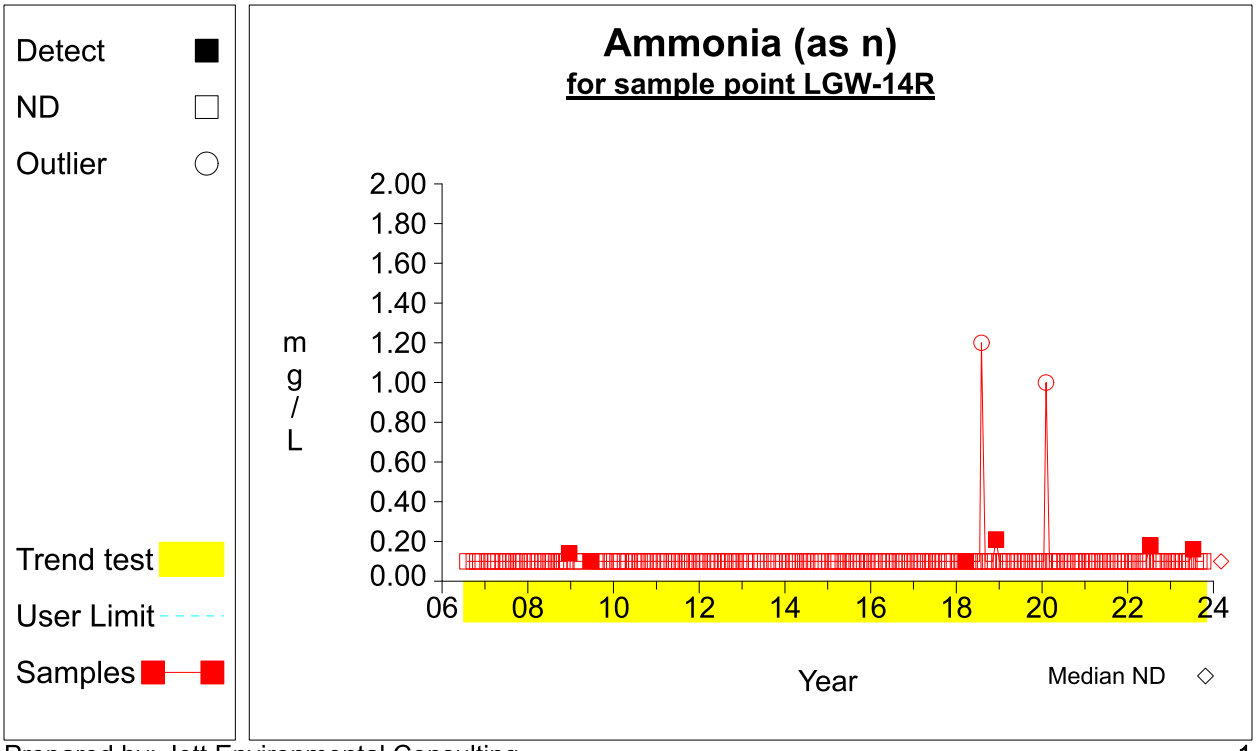
* - The displayed value is the arithmetic mean of multiple database matches.

ATTACHMENT C

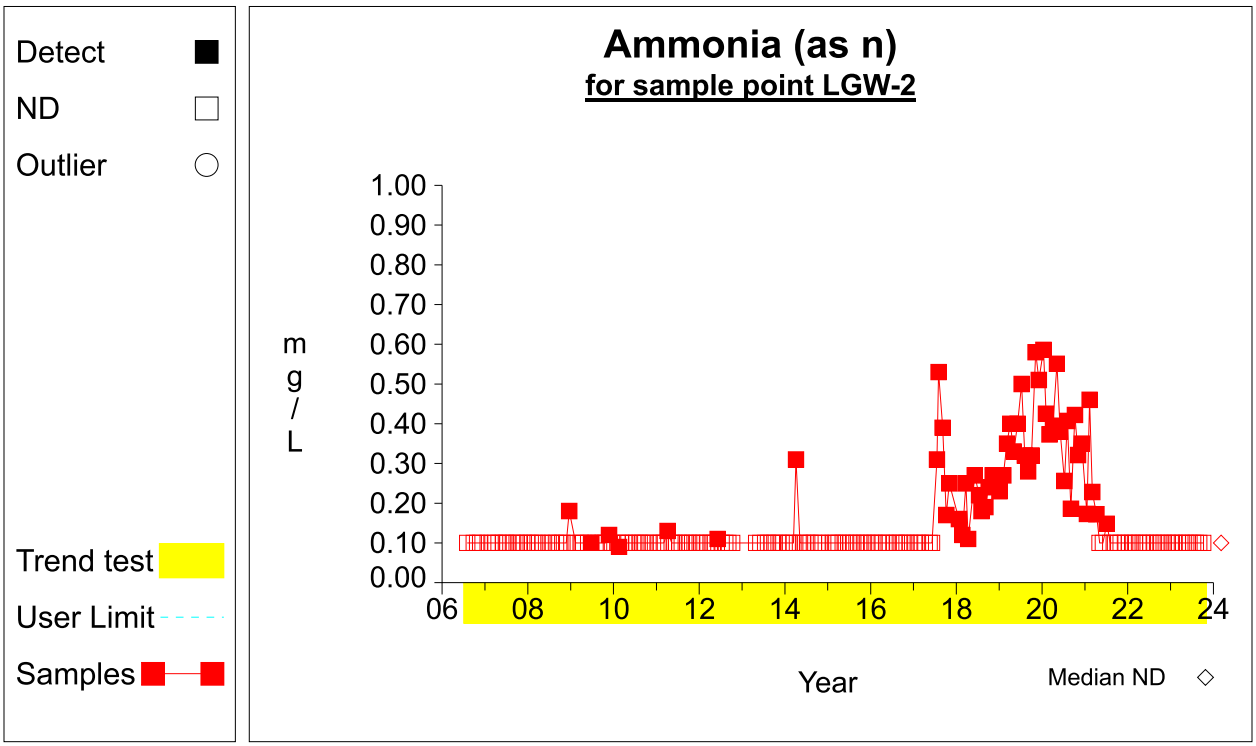
Trend Analysis

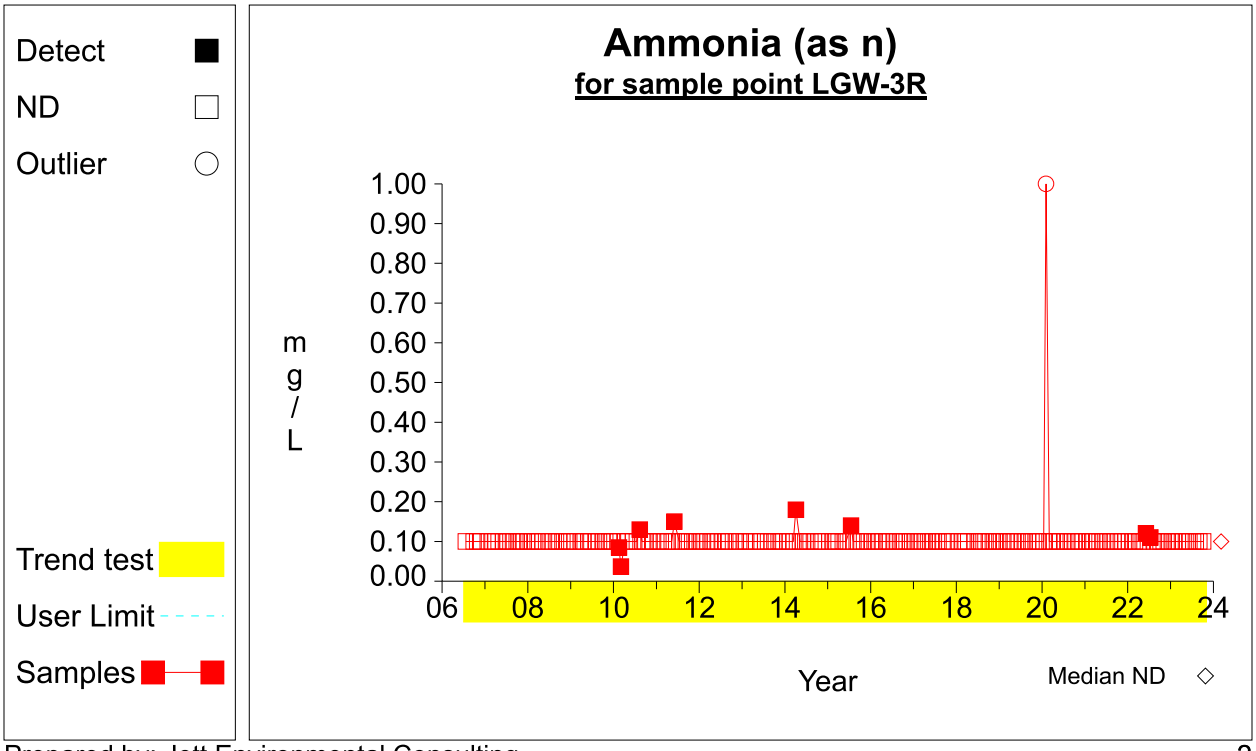
Time Series


Detect
ND
Outlier
Trend test
User Limit
Samples
Ammonia (as n)
for sample point LGW-10
Significant Decreasing Trend
mg/L
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
06
08
10
12
14
16
18
20
22
24
Year
Median ND

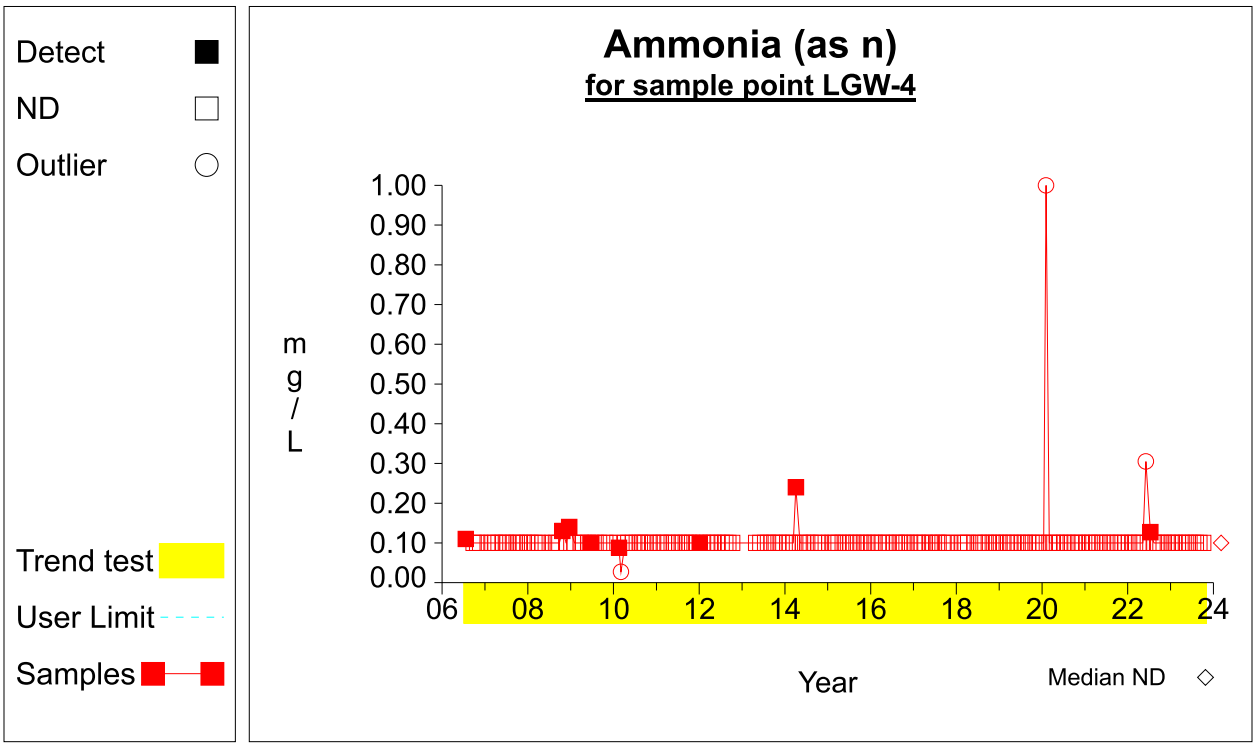

Detect
ND
Outlier
Trend test
User Limit
Samples
Ammonia (as n)
for sample point LGW-14R
mg/L
2.00
1.80
1.60
1.40
1.20
1.00
0.80
0.60
0.40
0.20
0.00
06
08
10
12
14
16
18
20
22
24
Year
Median ND

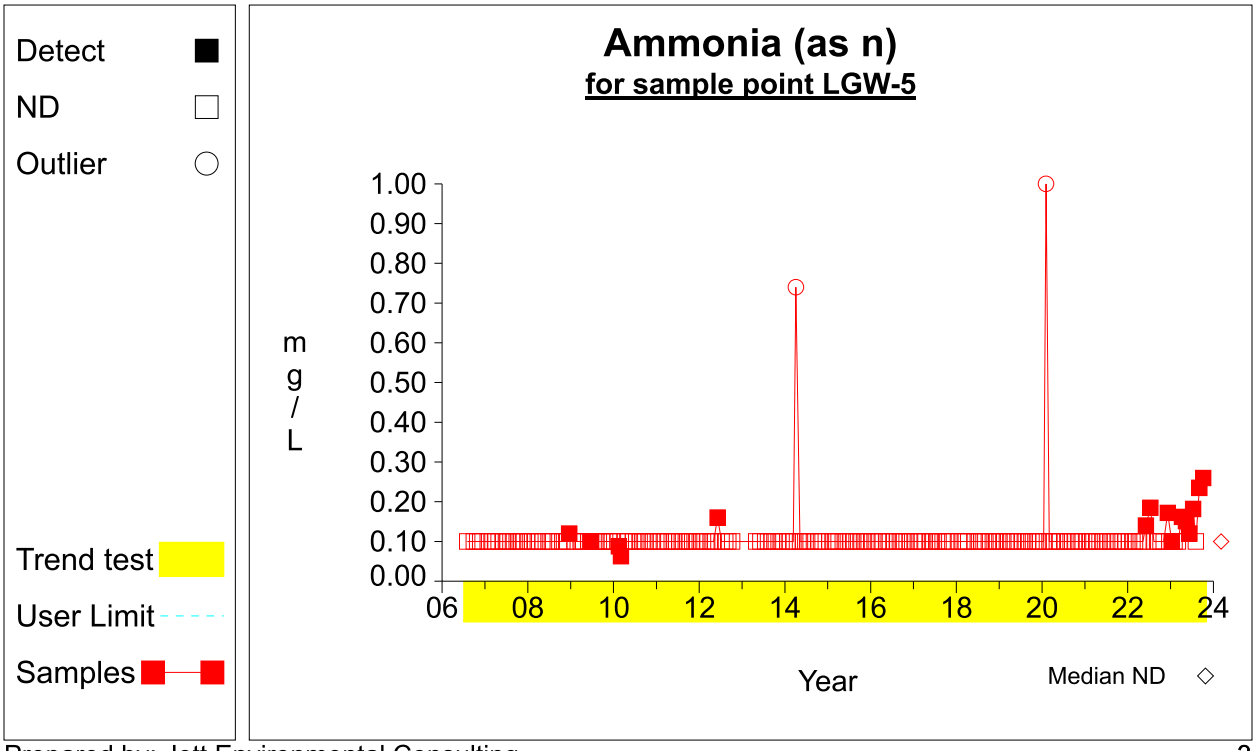
Time Series


Detect
ND
Outlier
Trend test
User Limit
Samples
Ammonia (as n)
for sample point LGW-2
mg/L
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
06
08
10
12
14
16
18
20
22
24
Year
Median ND

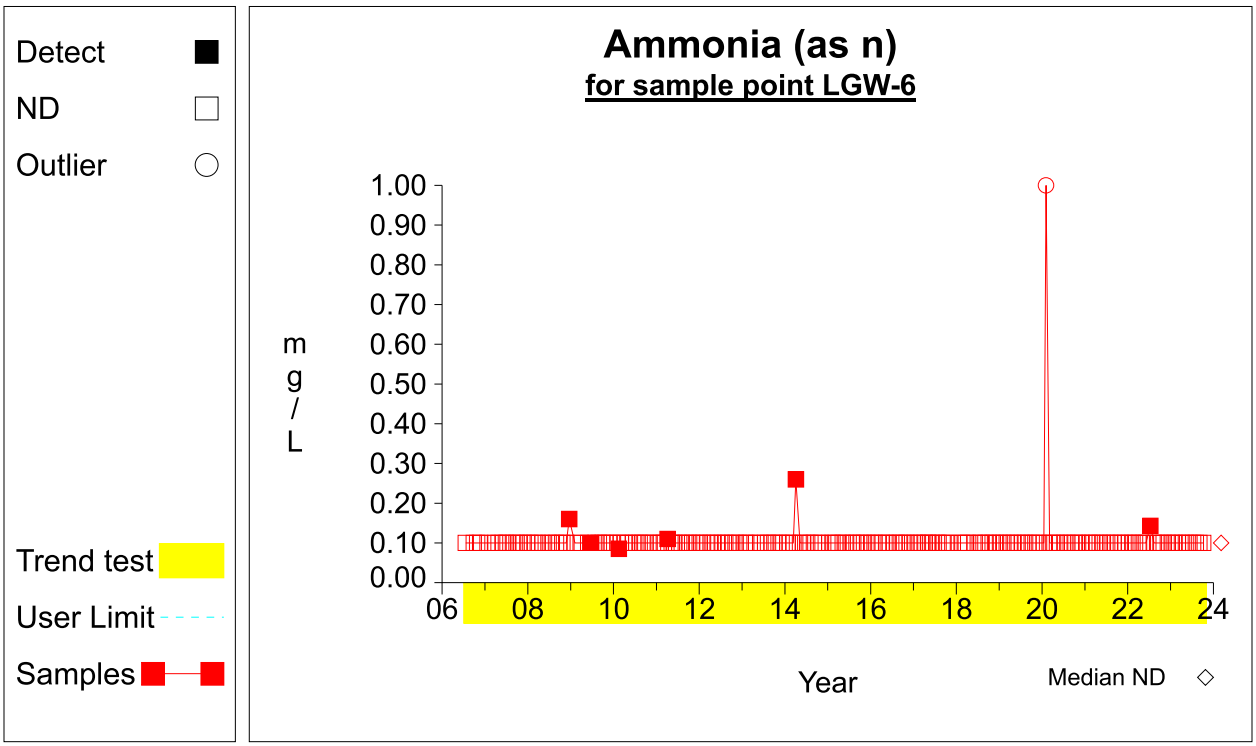

Detect
ND
Outlier
Trend test
User Limit
Samples
Ammonia (as n)
for sample point LGW-3R
mg/L
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
06
08
10
12
14
16
18
20
22
24
Year
Median ND

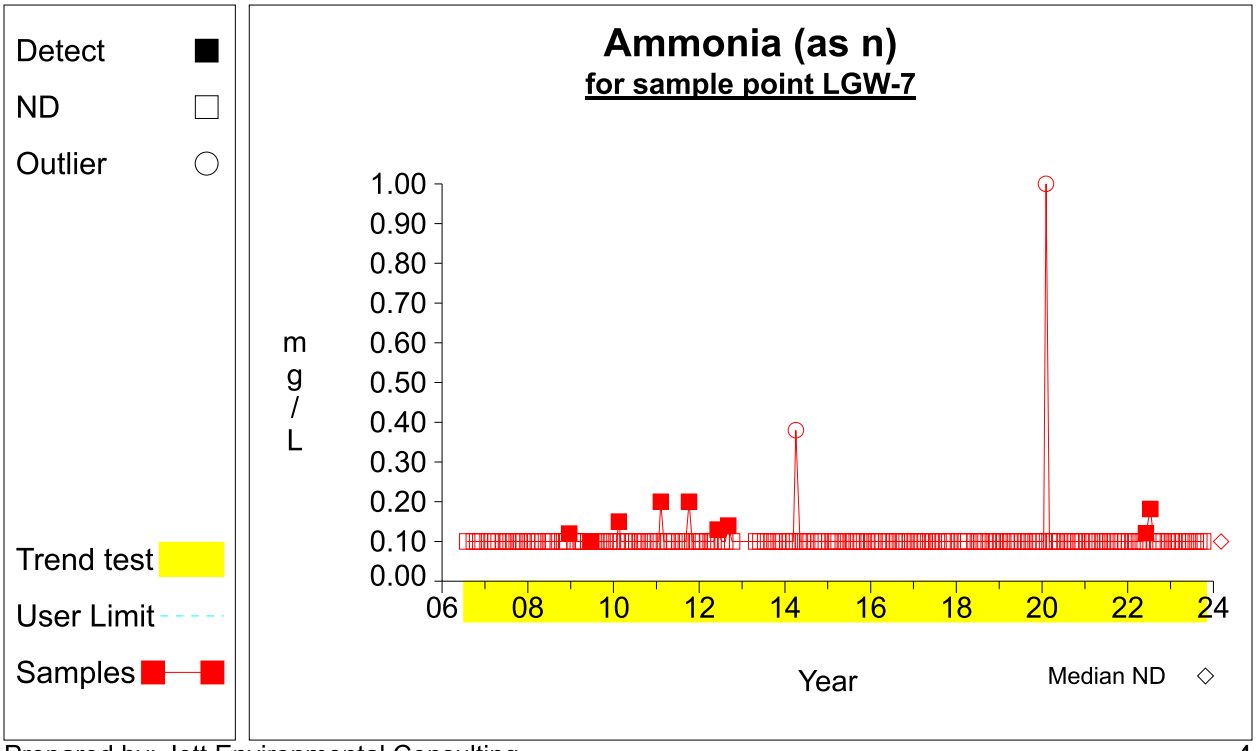
Time Series


Detect
ND
Outlier
Trend test
User Limit
Samples
Ammonia (as n)
for sample point LGW-4
mg/L
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
06
08
10
12
14
16
18
20
22
24
Year
Median ND

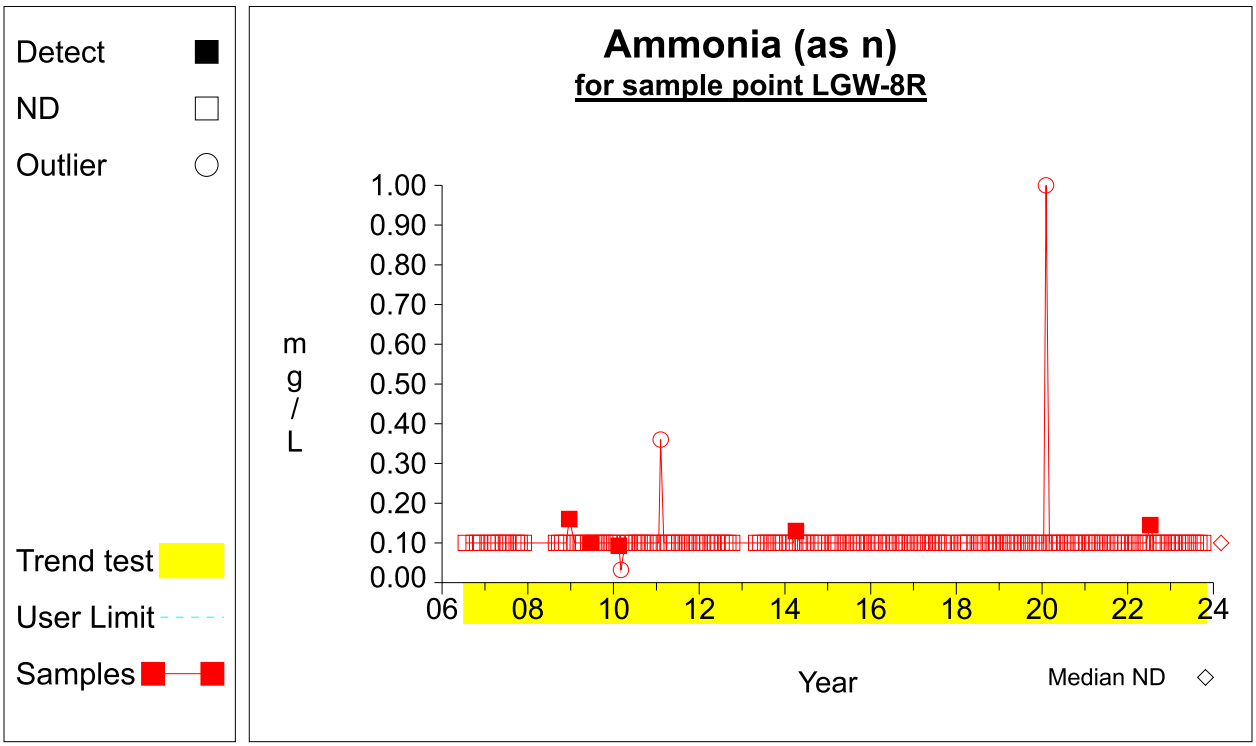

Detect
ND
Outlier
Trend test
User Limit
Samples
Ammonia (as n)
for sample point LGW-5
mg/L
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
06
08
10
12
14
16
18
20
22
24
Year
Median ND

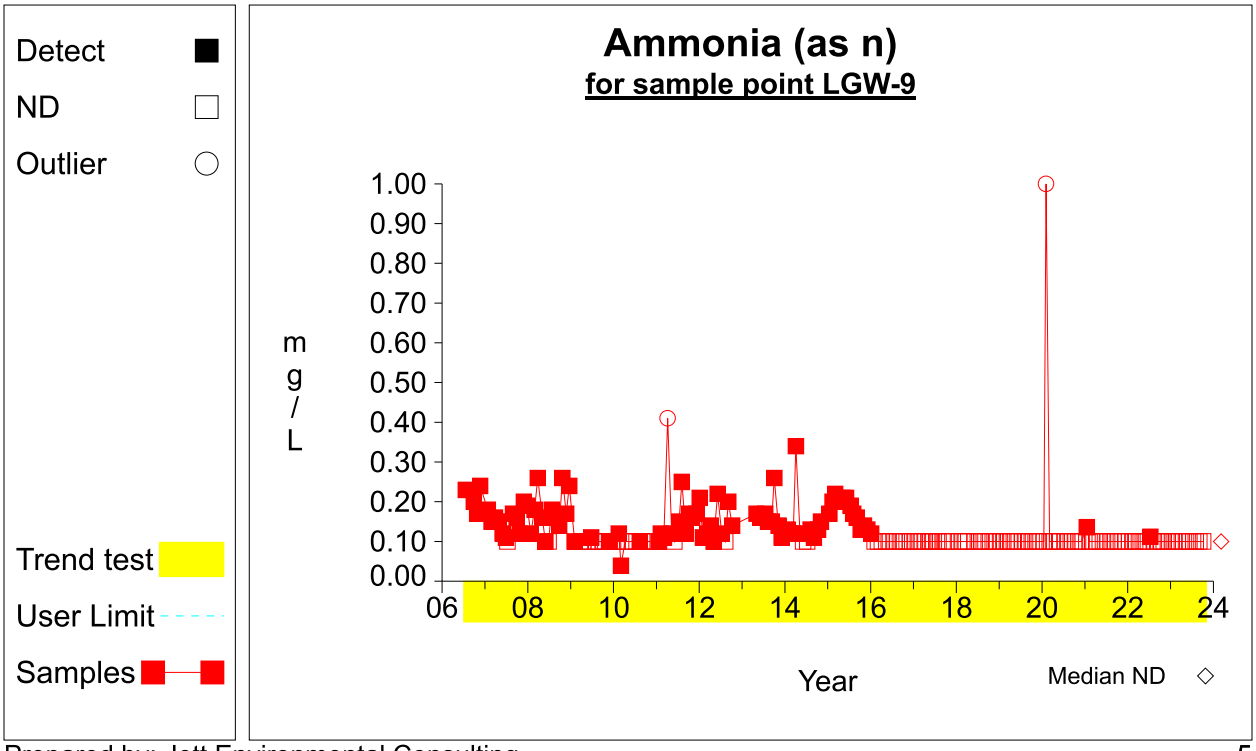
Time Series


Detect
ND
Outlier
Trend test
User Limit
Samples
Ammonia (as n)
for sample point LGW-6
mg/L
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
06
08
10
12
14
16
18
20
22
24
Year
Median ND

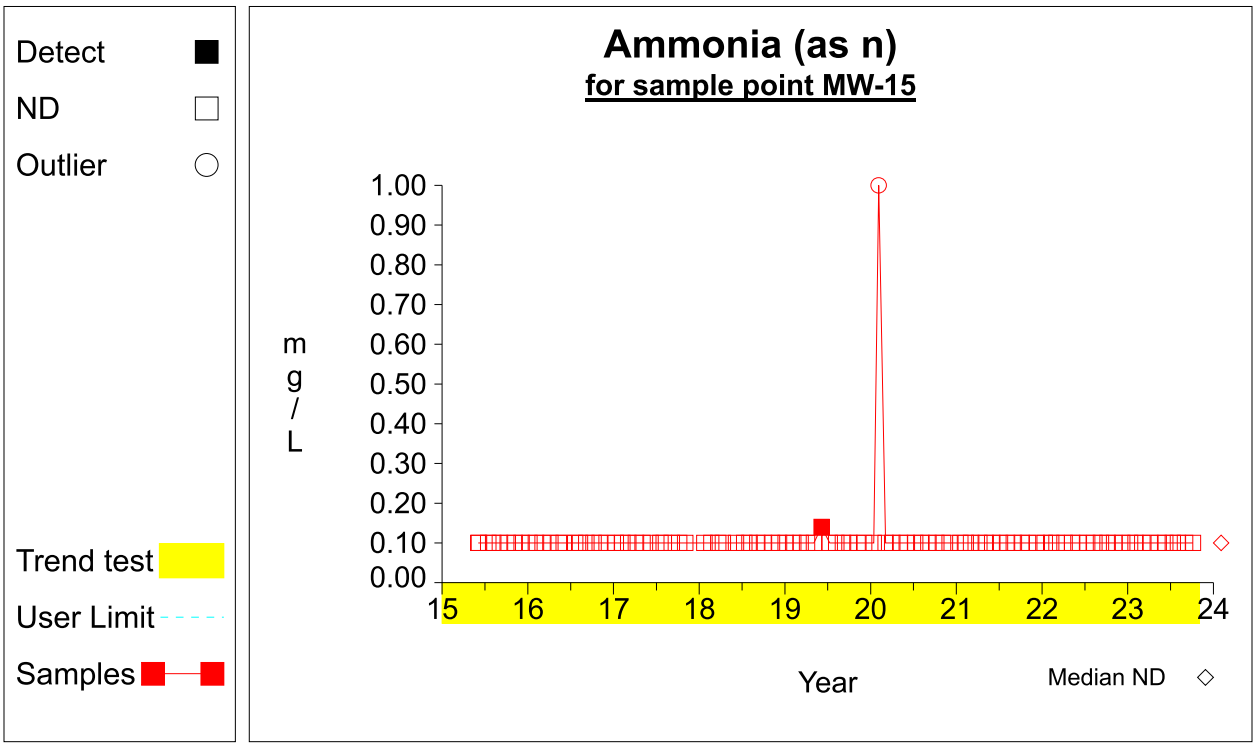

Detect
ND
Outlier
Trend test
User Limit
Samples
Ammonia (as n)
for sample point LGW-7
mg/L
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
06
08
10
12
14
16
18
20
22
24
Year
Median ND

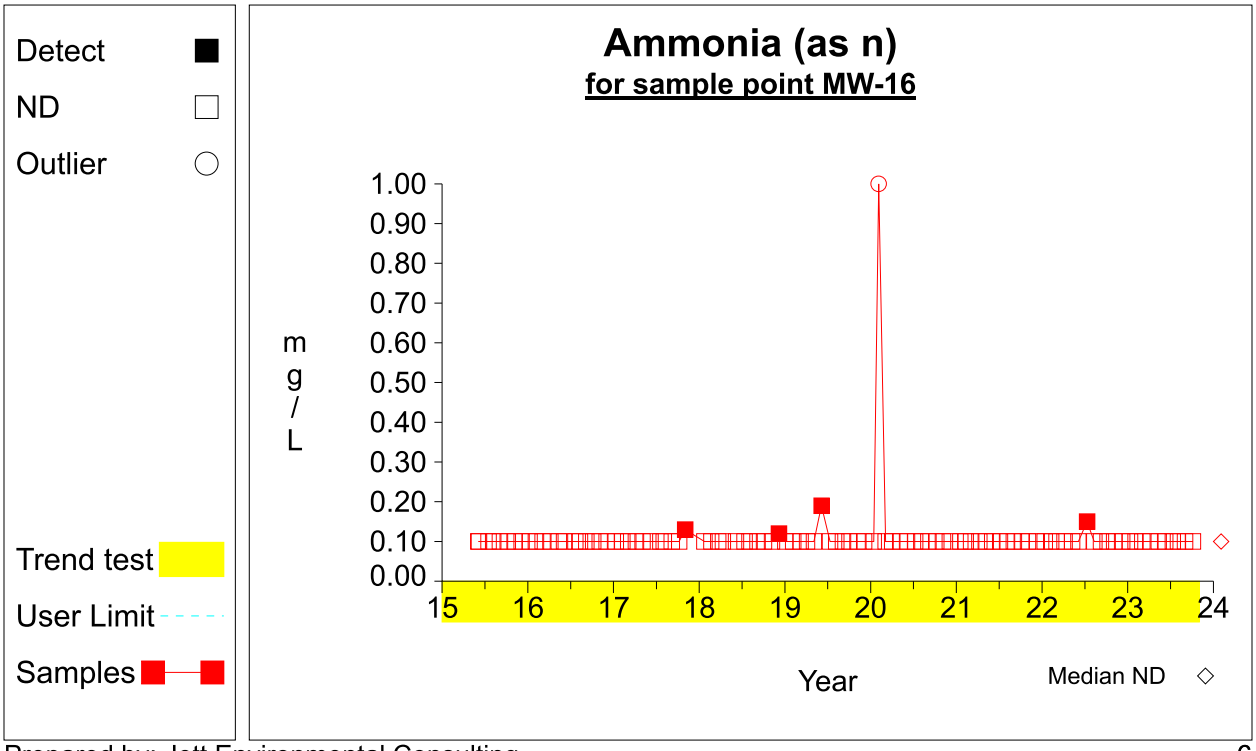
Time Series


Detect
ND
Outlier
Trend test
User Limit
Samples
Ammonia (as n)
for sample point LGW-8R
mg/L
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
06
08
10
12
14
16
18
20
22
24
Year
Median ND

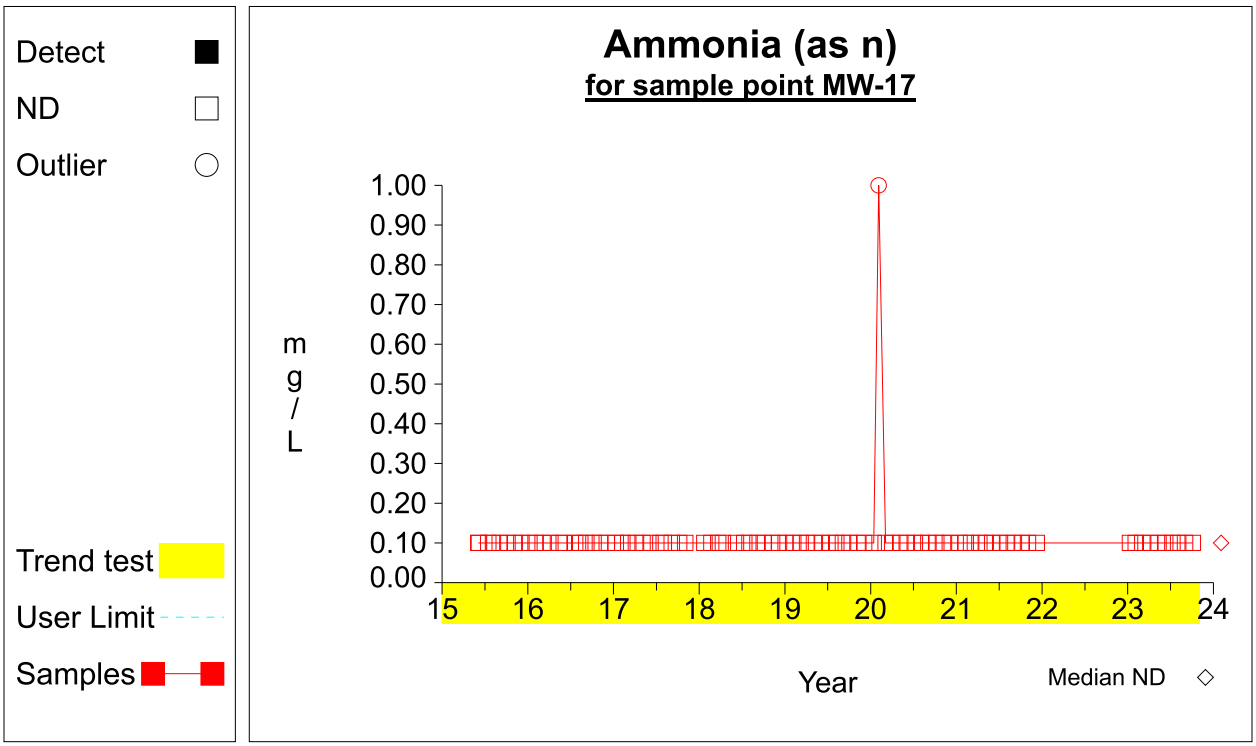

Detect
ND
Outlier
Trend test
User Limit
Samples
Ammonia (as n)
for sample point LGW-9
mg/L
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
06
08
10
12
14
16
18
20
22
24
Year
Median ND

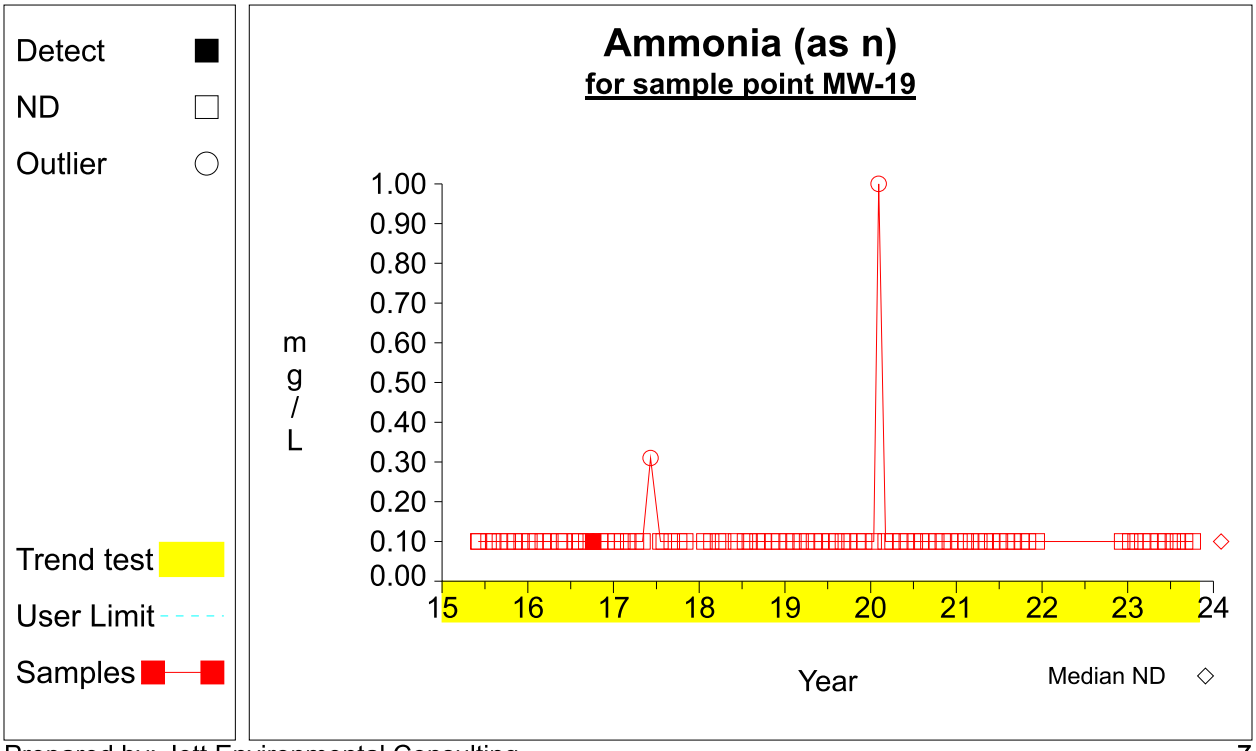
Time Series


Detect
ND
Outlier
Trend test
User Limit
Samples
Ammonia (as n)
for sample point MW-15
mg/L
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
15
16
17
18
19
20
21
22
23
24
Year
Median ND

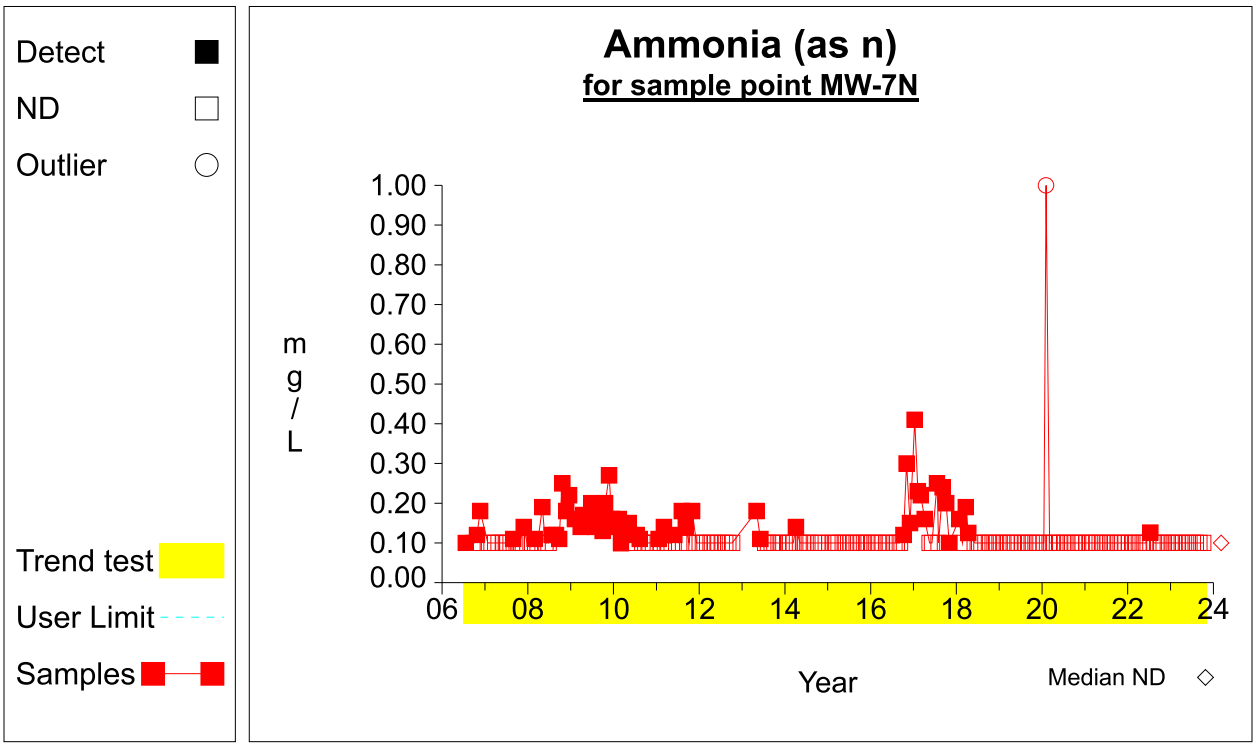

Detect
ND
Outlier
Trend test
User Limit
Samples
Ammonia (as n)
for sample point MW-16
mg/L
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
15
16
17
18
19
20
21
22
23
24
Year
Median ND

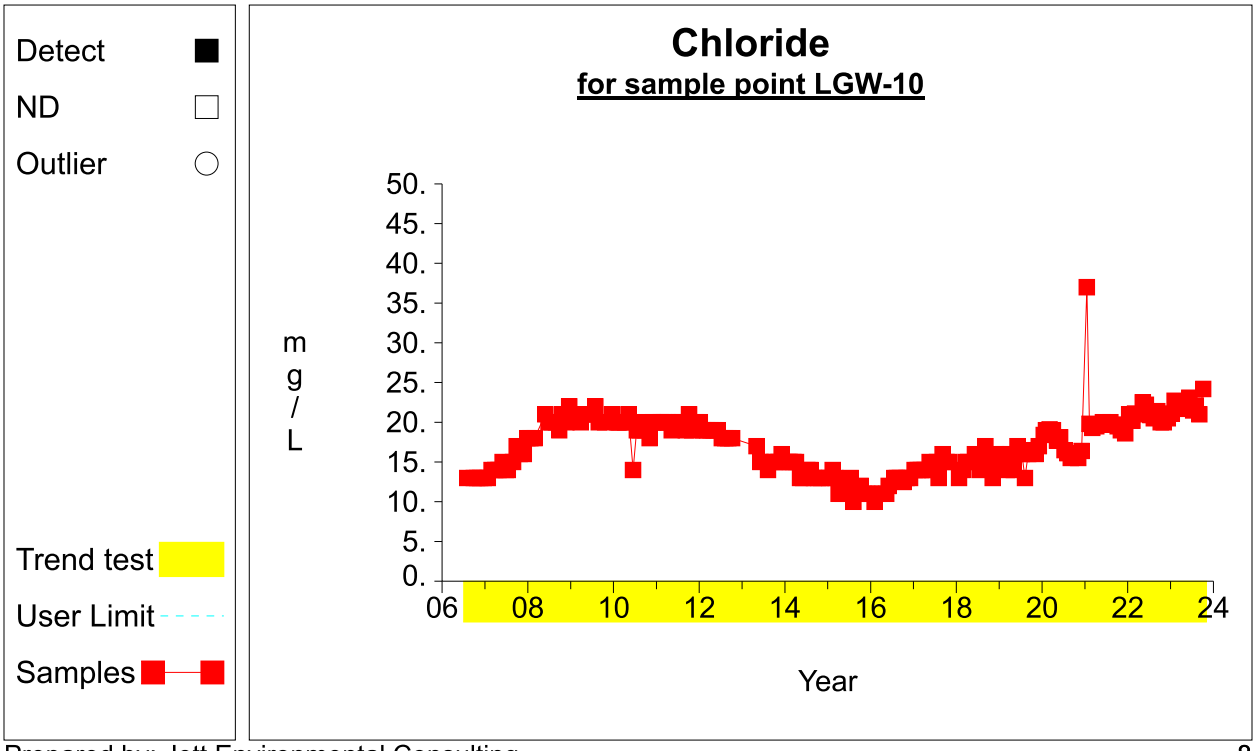
Time Series


Detect
ND
Outlier
Trend test
User Limit
Samples
Ammonia (as n)
for sample point MW-17
mg/L
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
15
16
17
18
19
20
21
22
23
24
Year
Median ND

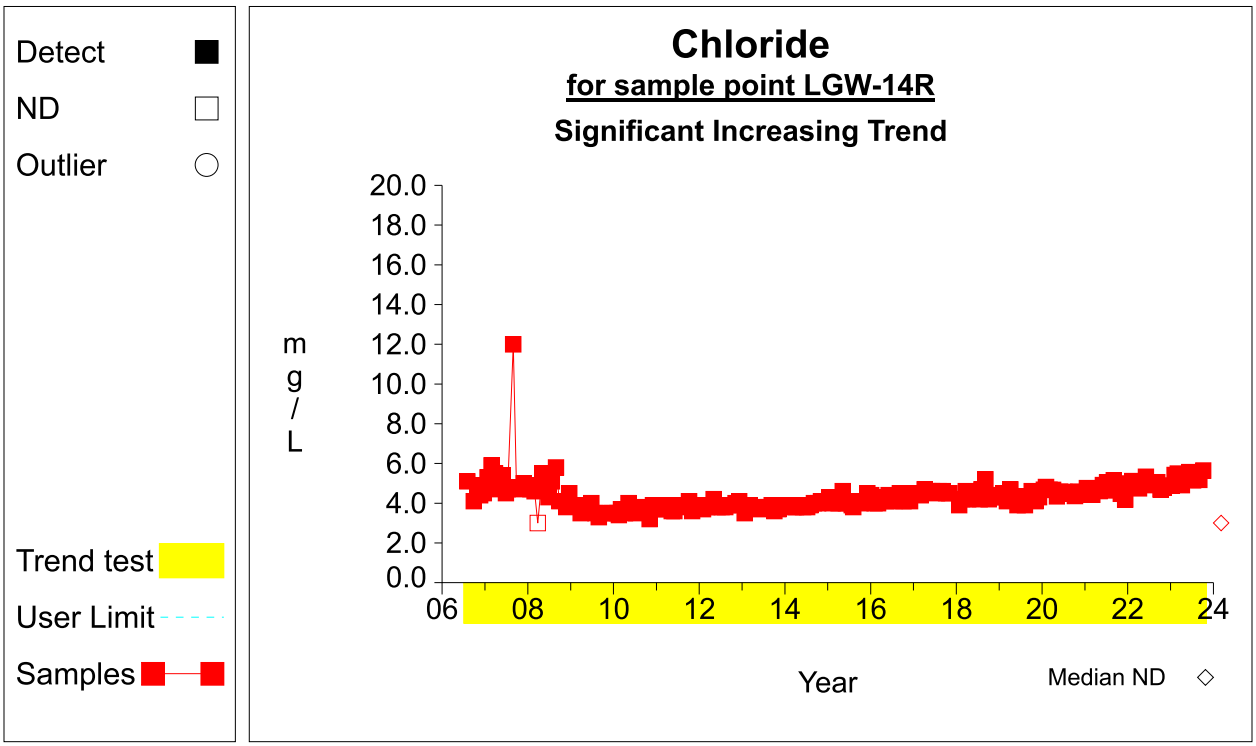

Detect
ND
Outlier
Trend test
User Limit
Samples
Ammonia (as n)
for sample point MW-19
mg/L
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
15
16
17
18
19
20
21
22
23
24
Year
Median ND

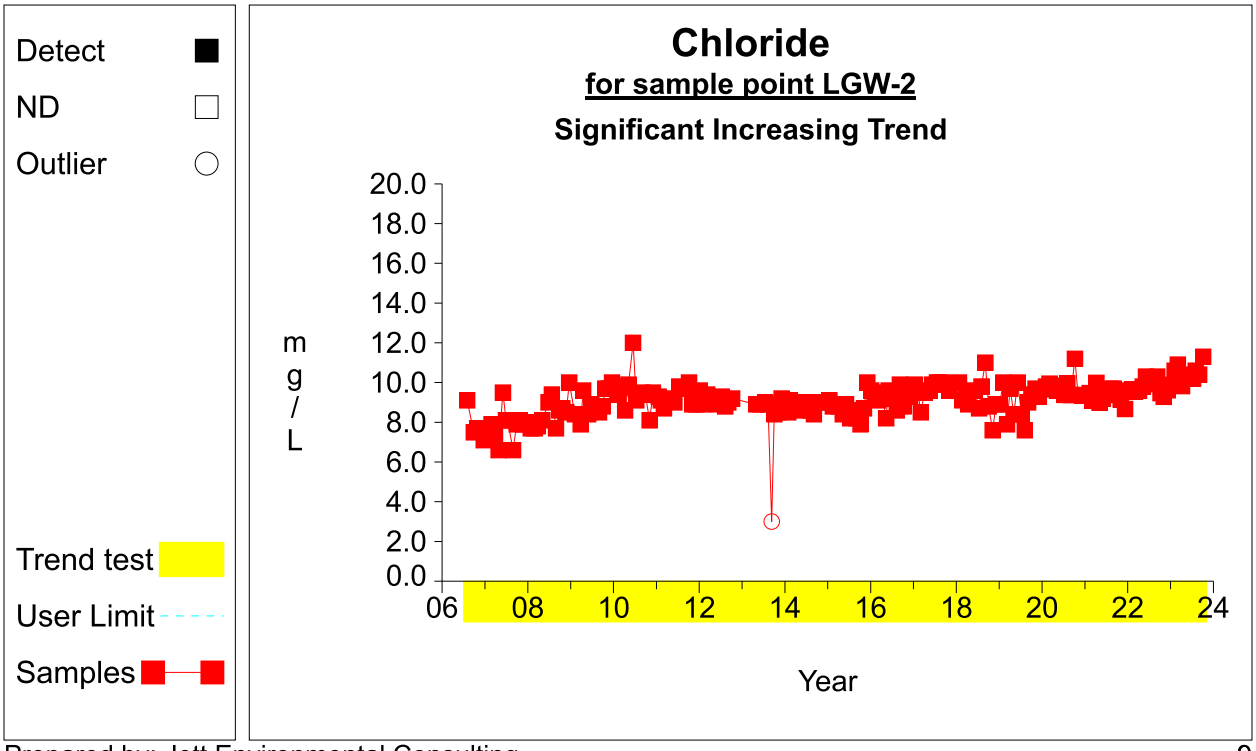
Time Series


Detect
ND
Outlier
Trend test
User Limit
Samples
Ammonia (as n)
for sample point MW-7N
mg/L
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
06
08
10
12
14
16
18
20
22
24
Year
Median ND

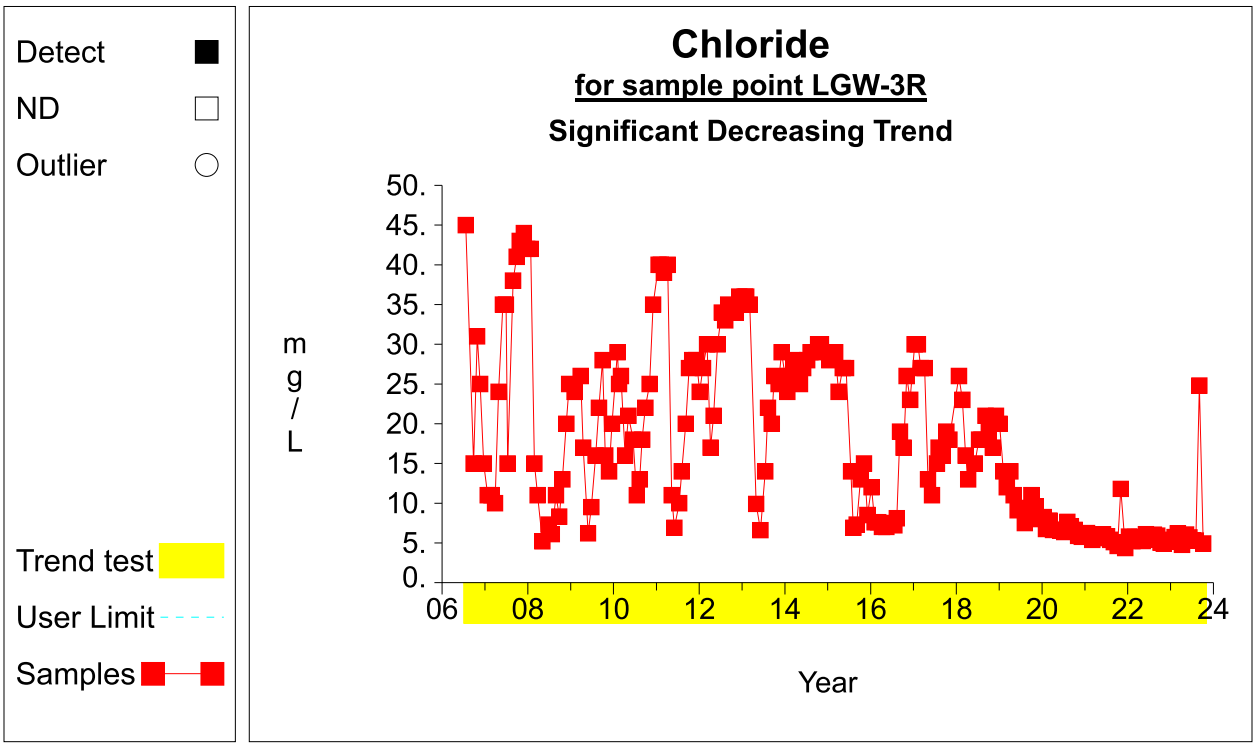

Detect
ND
Outlier
Trend test
User Limit
Samples
Chloride
for sample point LGW-10
mg/L
50.
45.
40.
35.
30.
25.
20.
15.
10.
5.
0.
06
08
10
12
14
16
18
20
22
24
Year

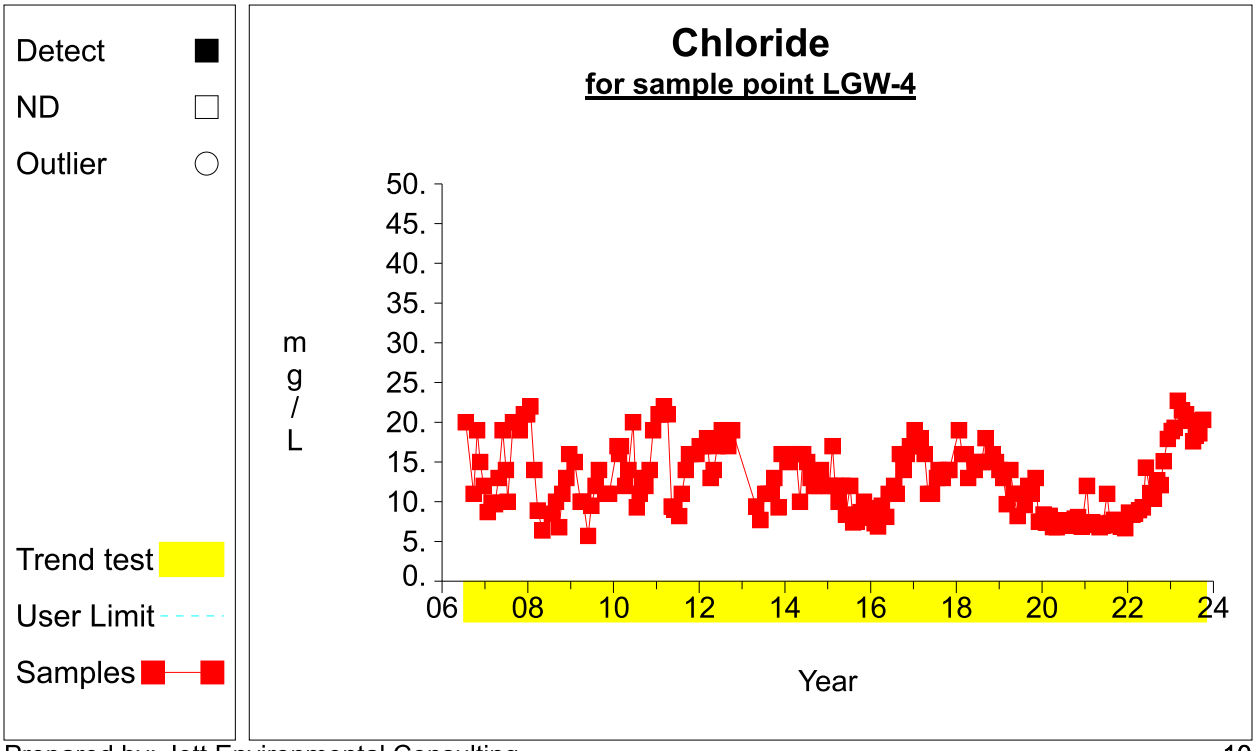
Time Series


Detect
ND
Outlier
Trend test
User Limit
Samples
Chloride
for sample point LGW-14R
Significant Increasing Trend
mg/L
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
06
08
10
12
14
16
18
20
22
24
Year
Median ND

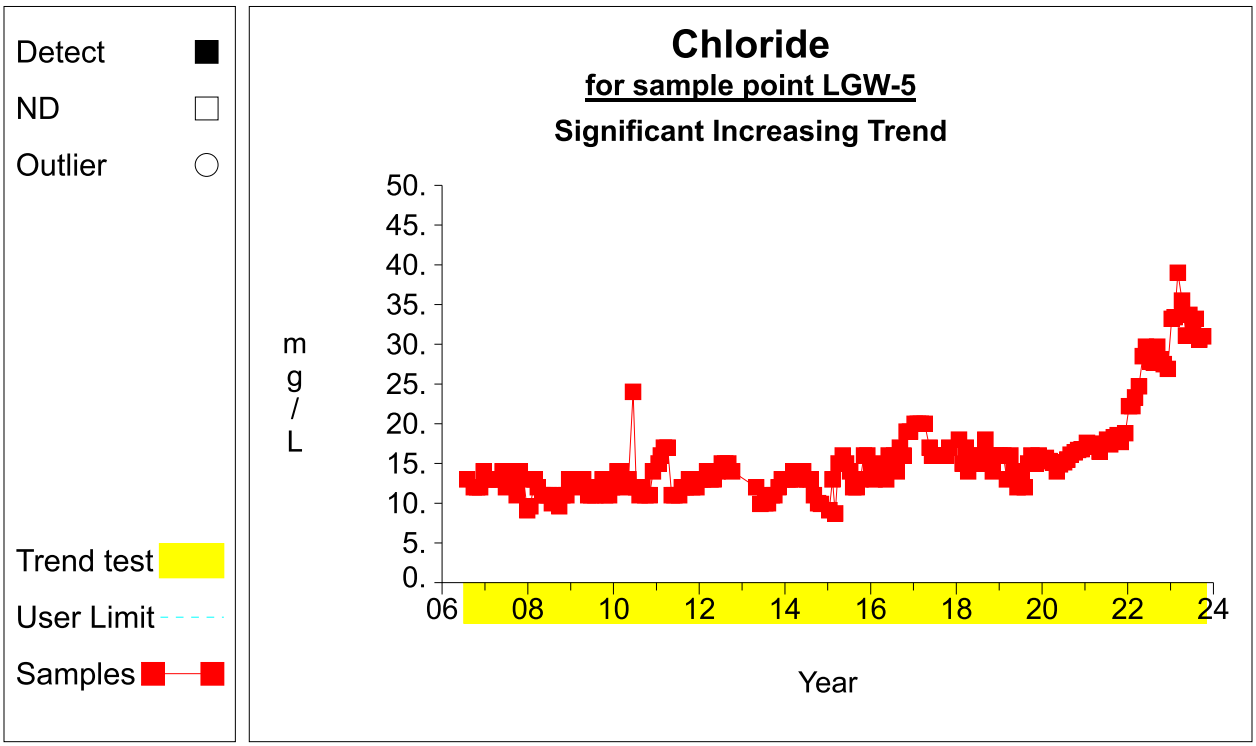

Detect
ND
Outlier
Trend test
User Limit
Samples
Chloride
for sample point LGW-2
Significant Increasing Trend
mg/L
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
06
08
10
12
14
16
18
20
22
24
Year

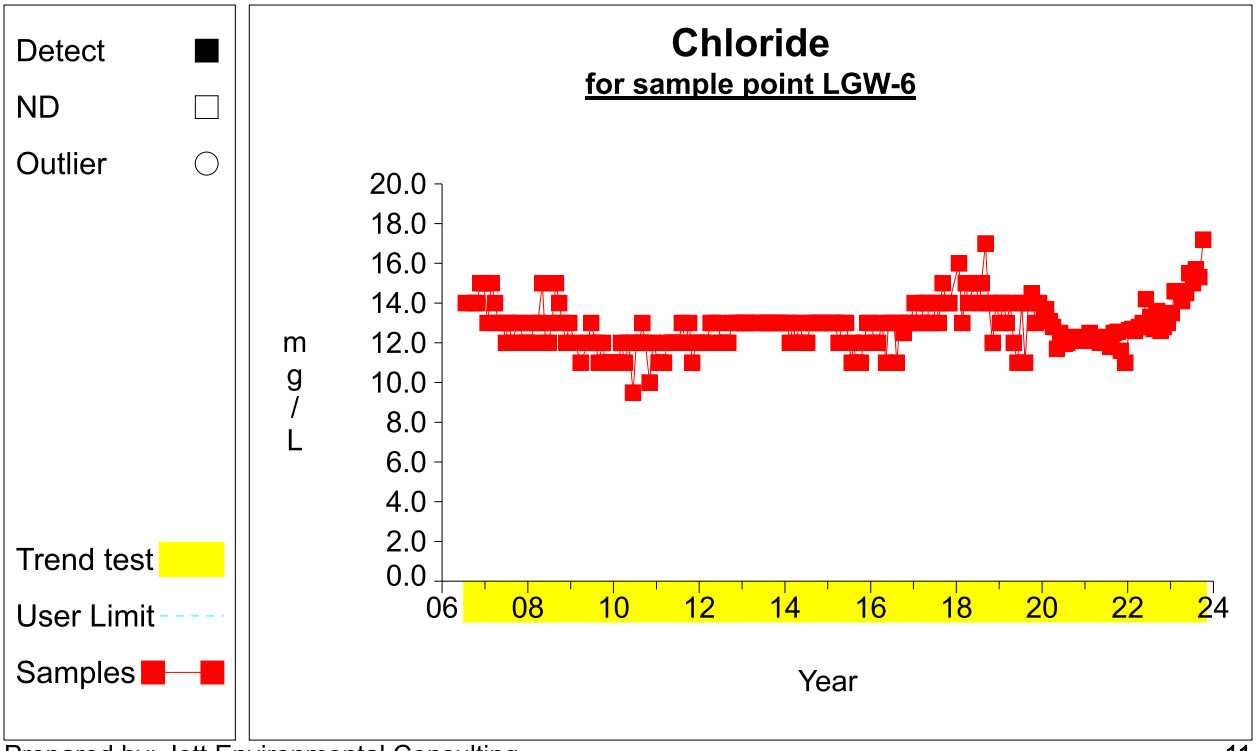
Time Series


Detect
ND
Outlier
Trend test
User Limit
Samples
Chloride
for sample point LGW-3R
Significant Decreasing Trend
mg/L
50.
45.
40.
35.
30.
25.
20.
15.
10.
5.
0.
06
08
10
12
14
16
18
20
22
24
Year

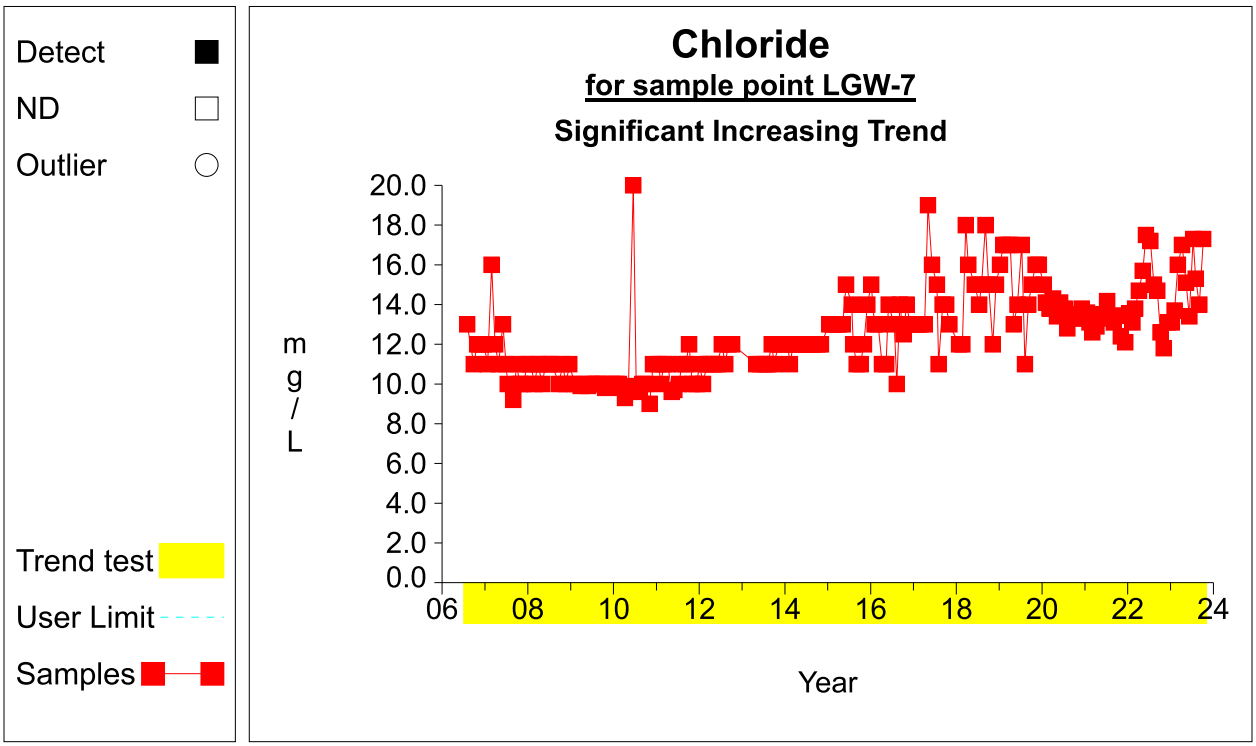

Detect
ND
Outlier
Trend test
User Limit
Samples
Chloride
for sample point LGW-4
mg/L
50.
45.
40.
35.
30.
25.
20.
15.
10.
5.
0.
06
08
10
12
14
16
18
20
22
24
Year

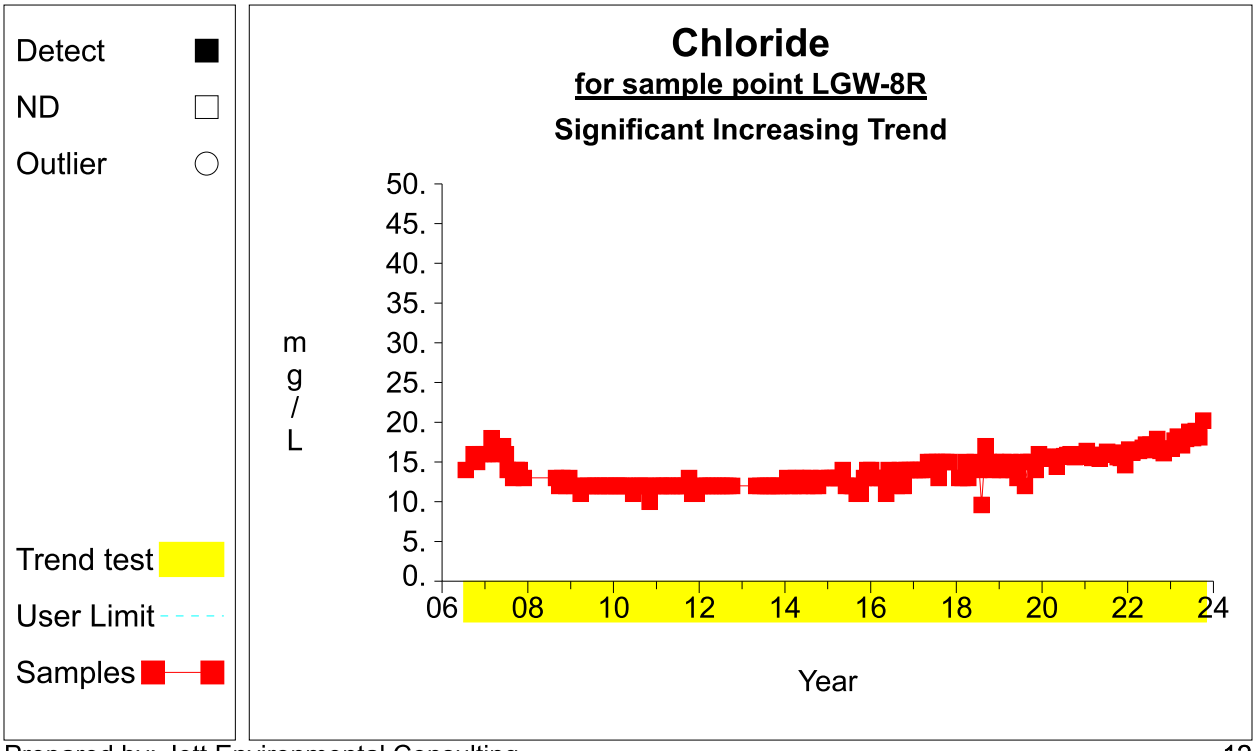
Time Series


Detect
ND
Outlier
Trend test
User Limit
Samples
Chloride
for sample point LGW-5
Significant Increasing Trend
mg/L
50.
45.
40.
35.
30.
25.
20.
15.
10.
5.
0.
06
08
10
12
14
16
18
20
22
24
Year

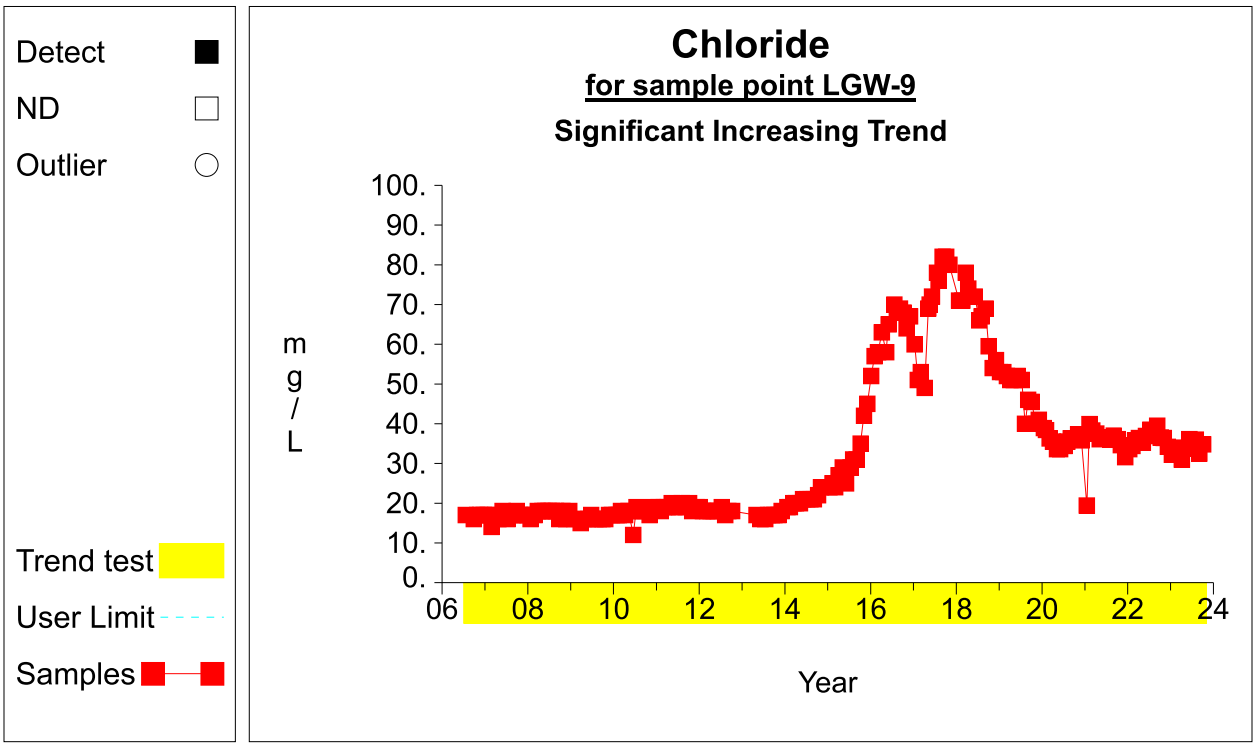

Detect
ND
Outlier
Trend test
User Limit
Samples
Chloride
for sample point LGW-6
mg/L
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
06
08
10
12
14
16
18
20
22
24
Year

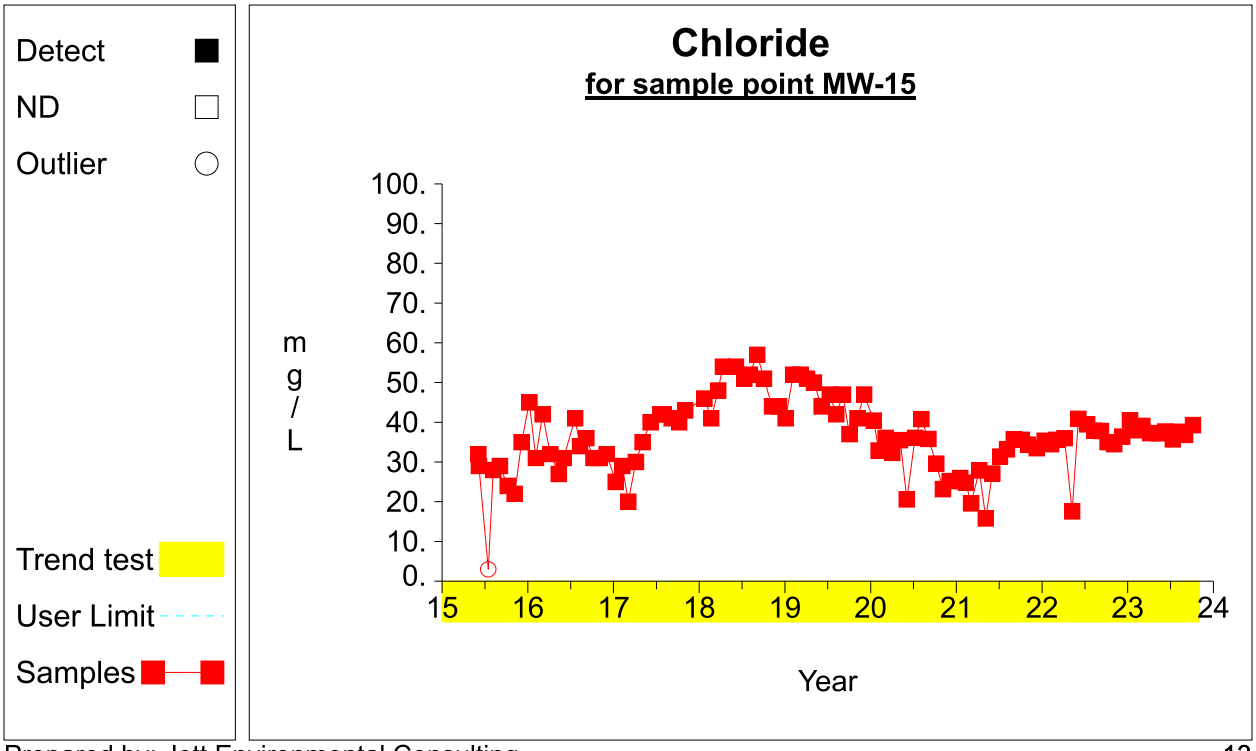
Time Series


Detect
ND
Outlier
Trend test
User Limit
Samples
Chloride
for sample point LGW-7
Significant Increasing Trend
mg/L
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
06
08
10
12
14
16
18
20
22
24
Year

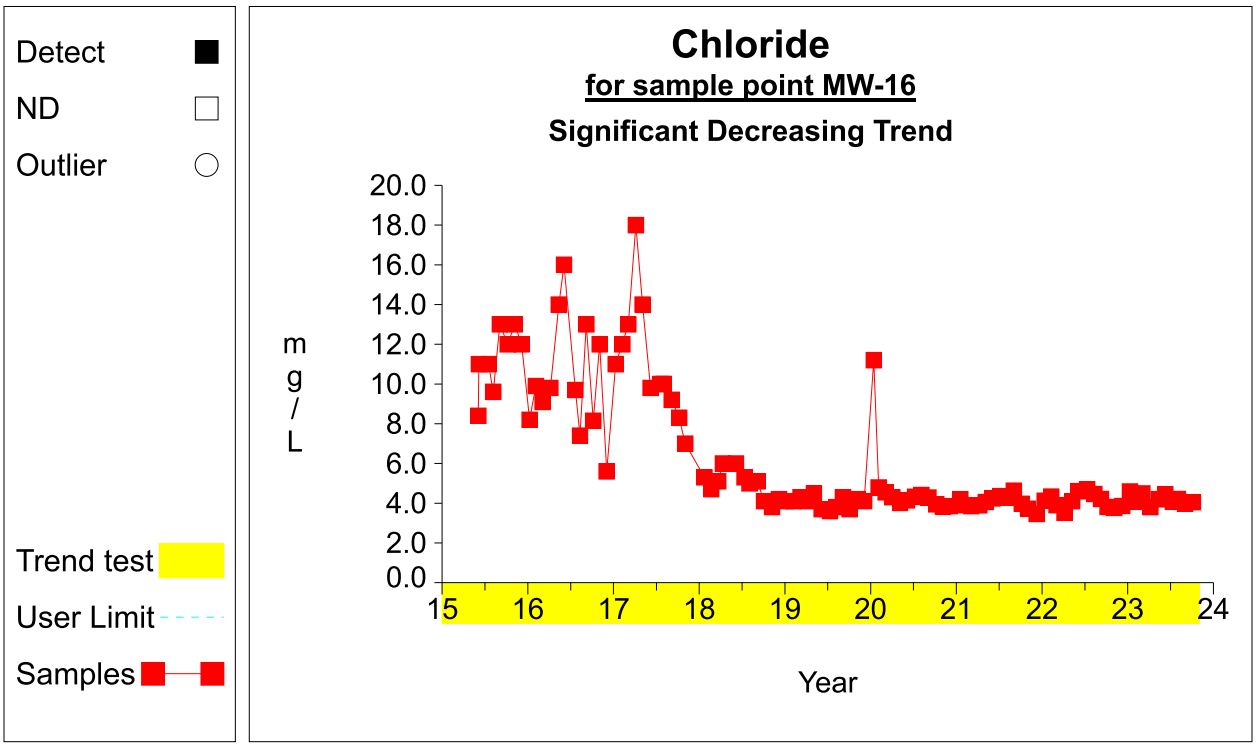

Detect
ND
Outlier
Trend test
User Limit
Samples
Chloride
for sample point LGW-8R
Significant Increasing Trend
mg/L
50.
45.
40.
35.
30.
25.
20.
15.
10.
5.
0.
06
08
10
12
14
16
18
20
22
24
Year

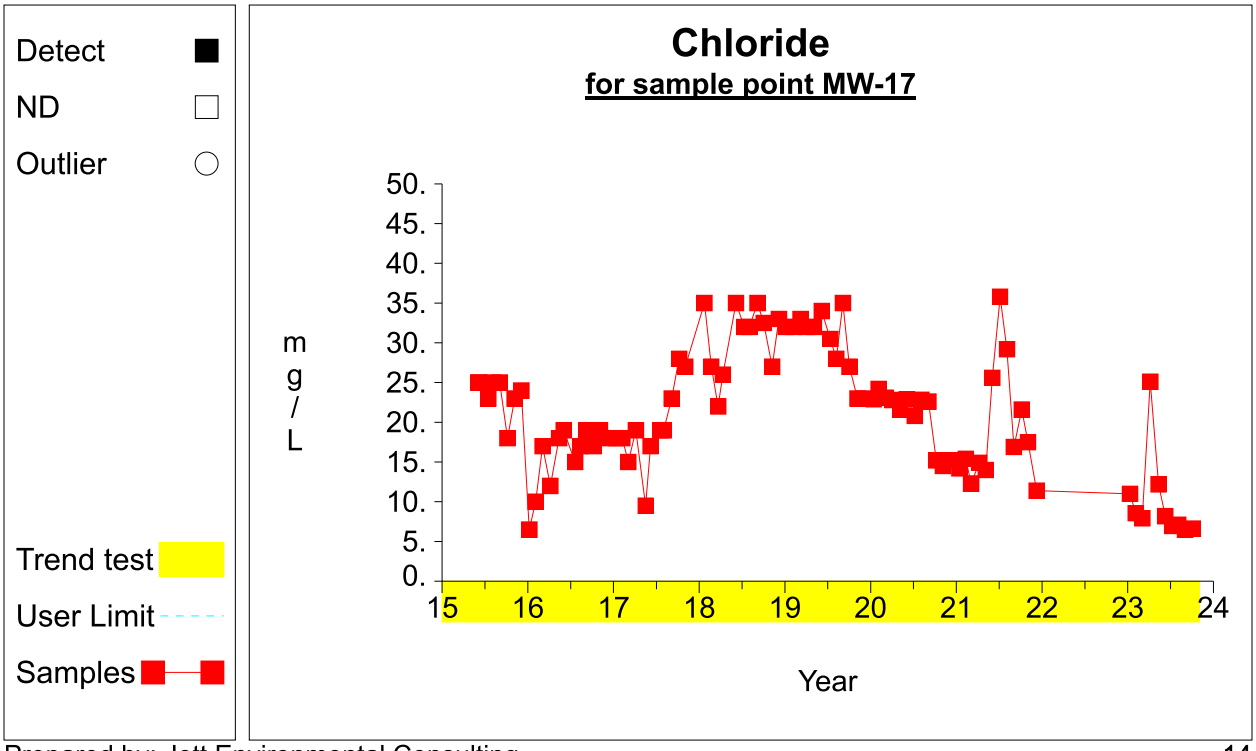
Time Series


Detect
ND
Outlier
Trend test
User Limit
Samples
Chloride
for sample point LGW-9
Significant Increasing Trend
mg/L
100.
90.
80.
70.
60.
50.
40.
30.
20.
10.
0.
06
08
10
12
14
16
18
20
22
24
Year

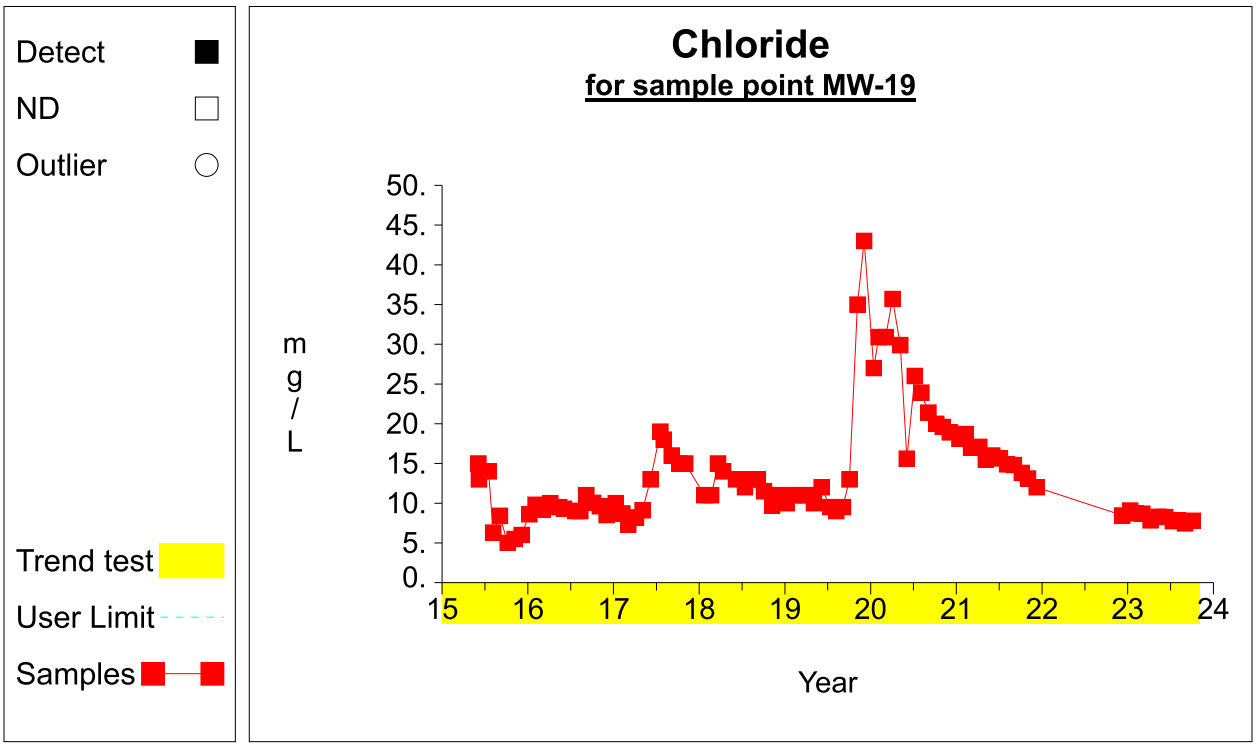

Detect
ND
Outlier
Trend test
User Limit
Samples
Chloride
for sample point MW-15
mg/L
100.
90.
80.
70.
60.
50.
40.
30.
20.
10.
0.
15
16
17
18
19
20
21
22
23
24
Year

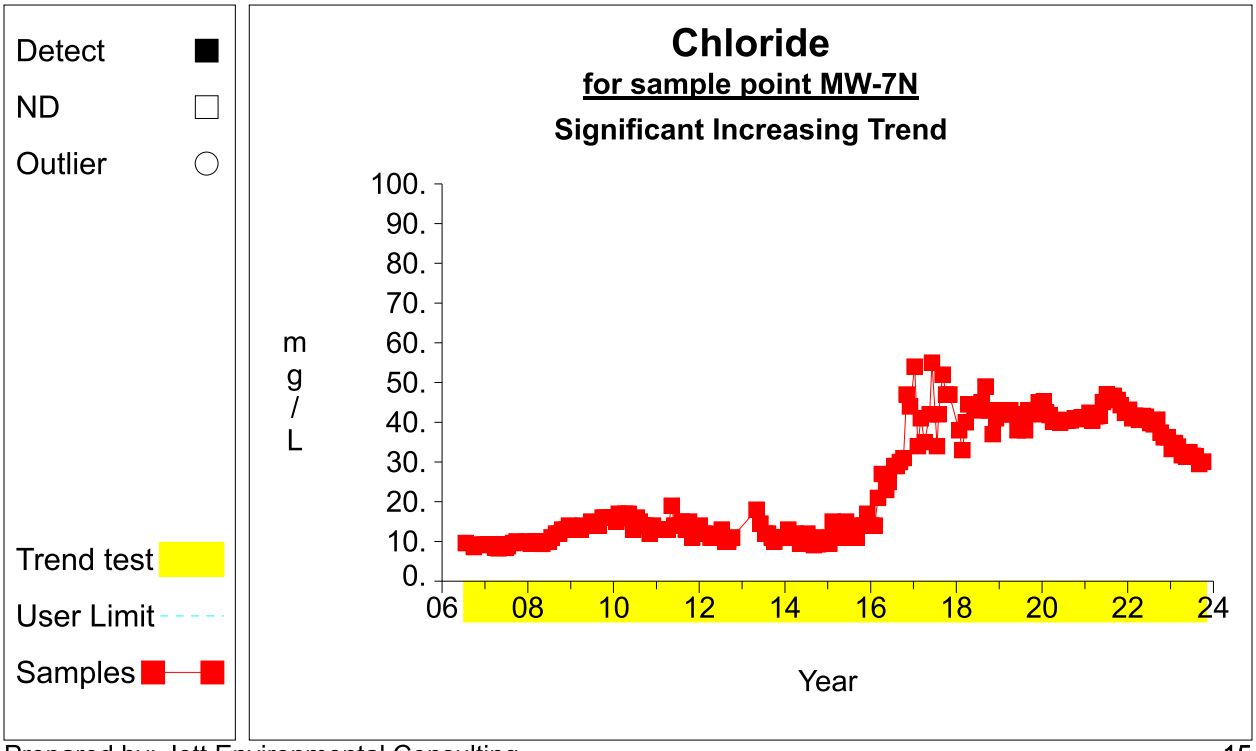
Time Series


Detect
ND
Outlier
Trend test
User Limit
Samples
Chloride
for sample point MW-16
Significant Decreasing Trend
mg/L
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
15
16
17
18
19
20
21
22
23
24
Year

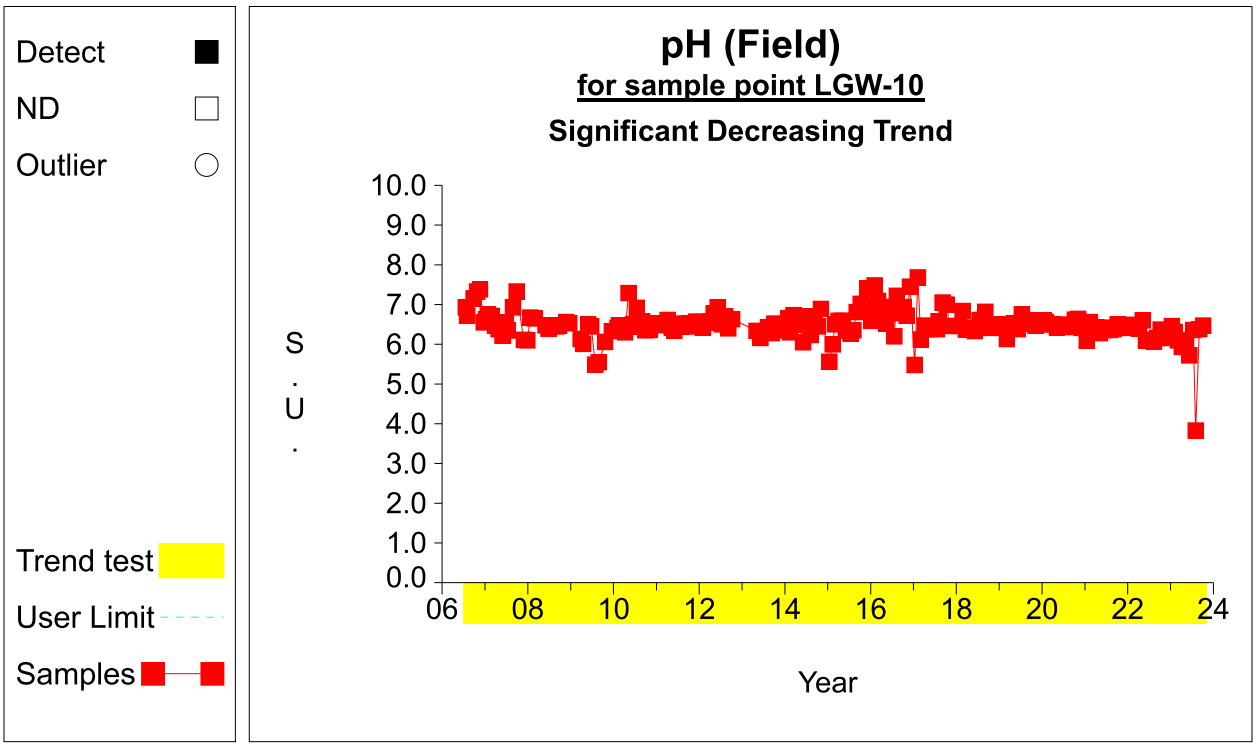

Detect
ND
Outlier
Trend test
User Limit
Samples
Chloride
for sample point MW-17
mg/L
50.
45.
40.
35.
30.
25.
20.
15.
10.
5.
0.
15
16
17
18
19
20
21
22
23
24
Year

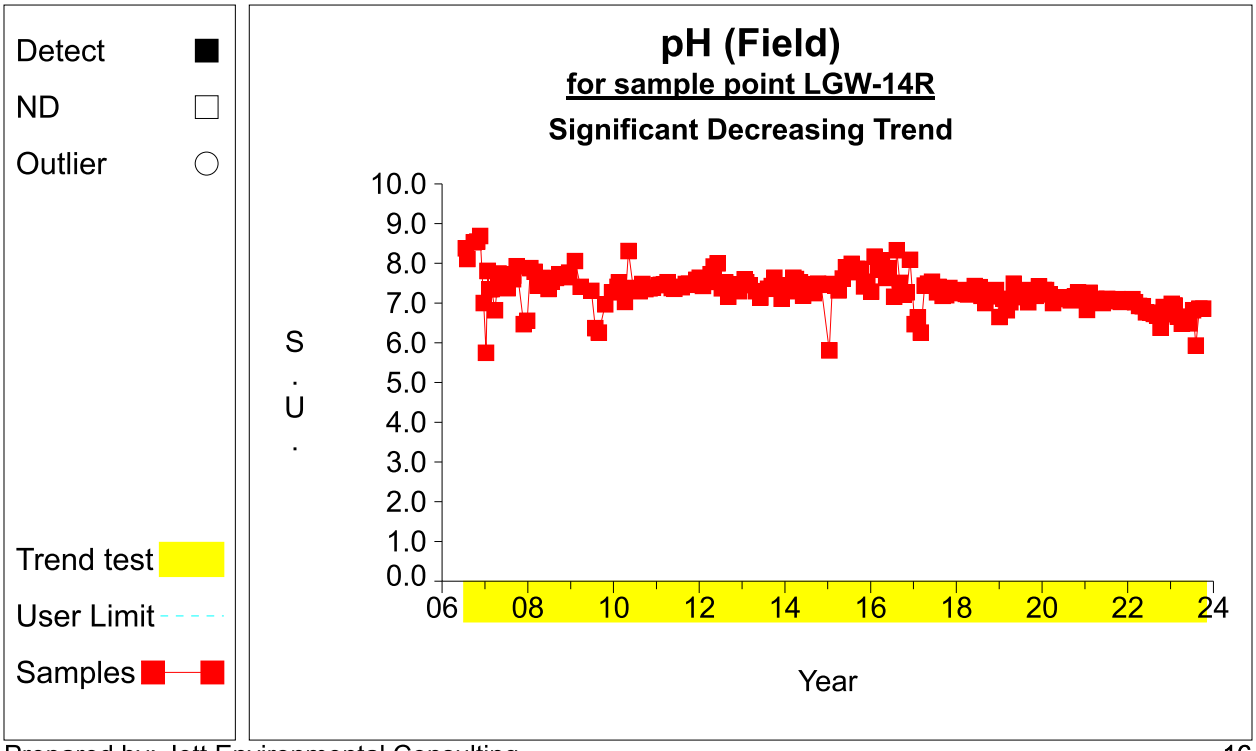
Time Series


Detect
ND
Outlier
Trend test
User Limit
Samples
Chloride
for sample point MW-19
m
g
/
L
50.
45.
40.
35.
30.
25.
20.
15.
10.
5.
0.
15
16
17
18
19
20
21
22
23
24
Year

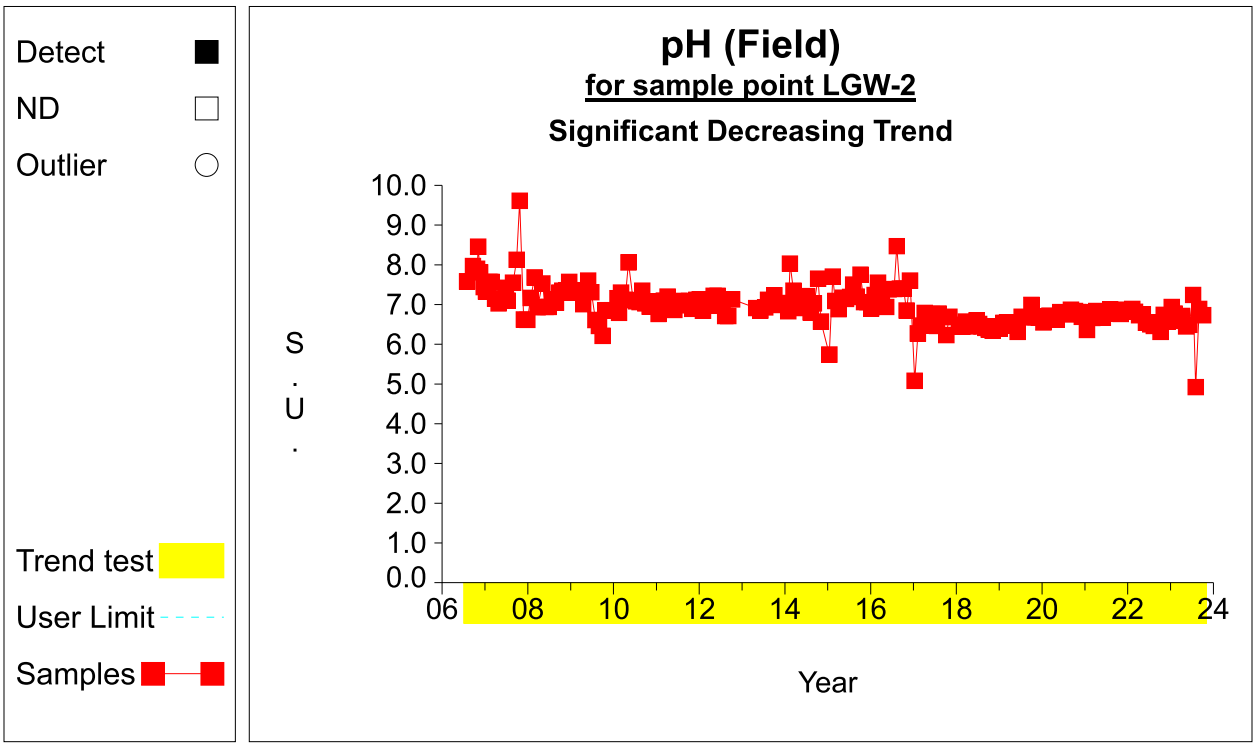

Detect
ND
Outlier
Trend test
User Limit
Samples
Chloride
for sample point MW-7N
Significant Increasing Trend
m
g
/
L
100.
90.
80.
70.
60.
50.
40.
30.
20.
10.
0.
06
08
10
12
14
16
18
20
22
24
Year

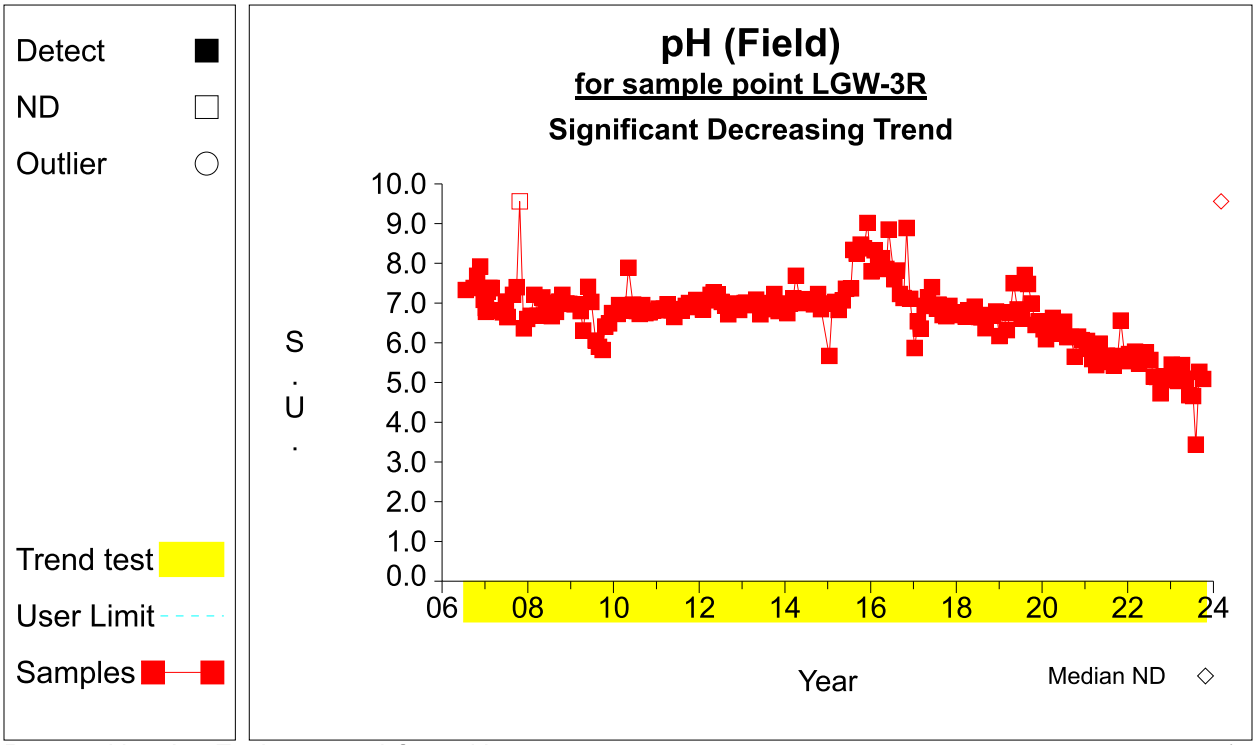
Time Series


Detect
ND
Outlier
Trend test
User Limit
Samples
pH (Field)
for sample point LGW-10
Significant Decreasing Trend
S.U.
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
06
08
10
12
14
16
18
20
22
24
Year

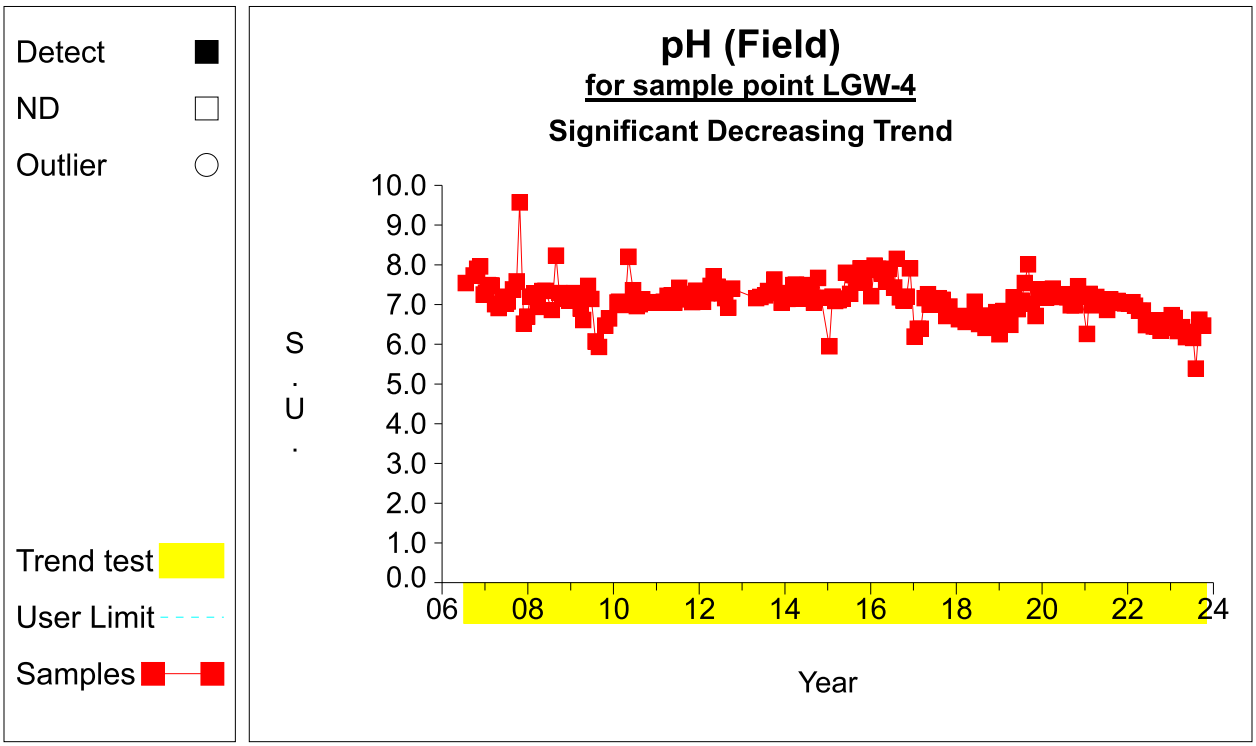

Detect
ND
Outlier
Trend test
User Limit
Samples
pH (Field)
for sample point LGW-14R
Significant Decreasing Trend
S.U.
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
06
08
10
12
14
16
18
20
22
24
Year

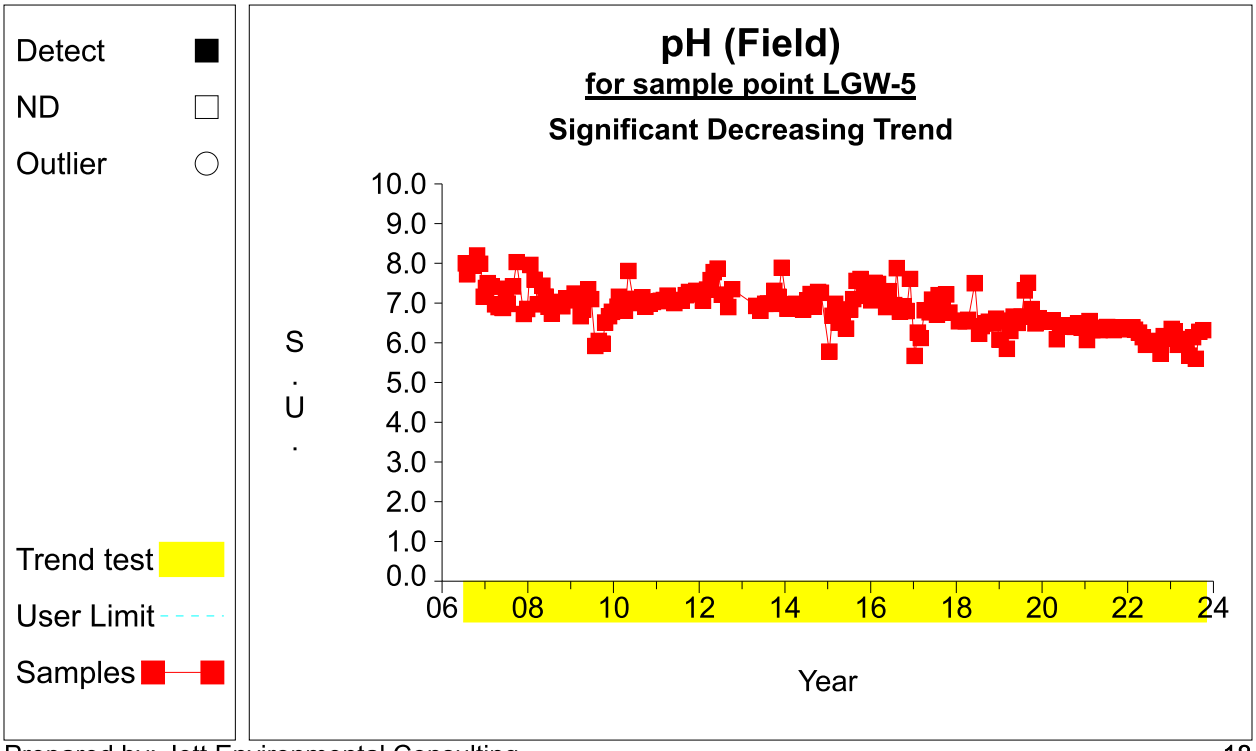
Time Series


Detect
ND
Outlier
Trend test
User Limit
Samples
pH (Field)
for sample point LGW-2
Significant Decreasing Trend
S.U.
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
06
08
10
12
14
16
18
20
22
24
Year

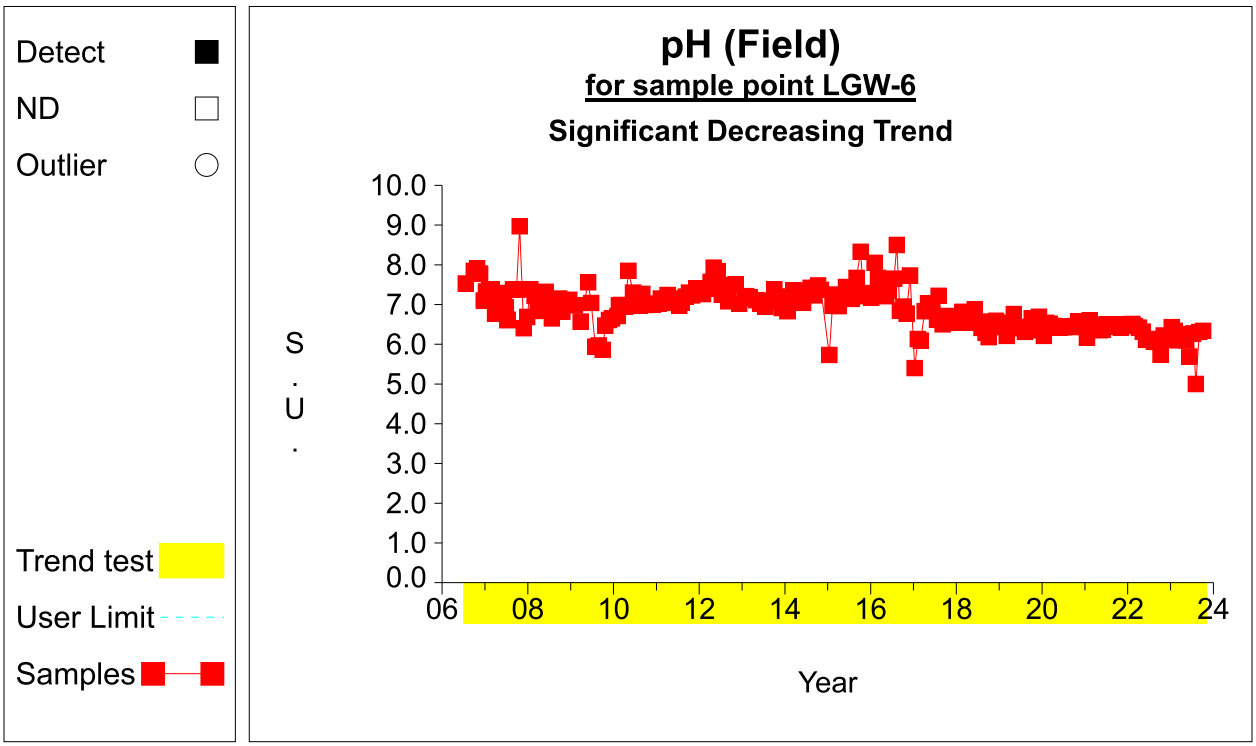

Detect
ND
Outlier
Trend test
User Limit
Samples
pH (Field)
for sample point LGW-3R
Significant Decreasing Trend
S.U.
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
06
08
10
12
14
16
18
20
22
24
Year
Median ND

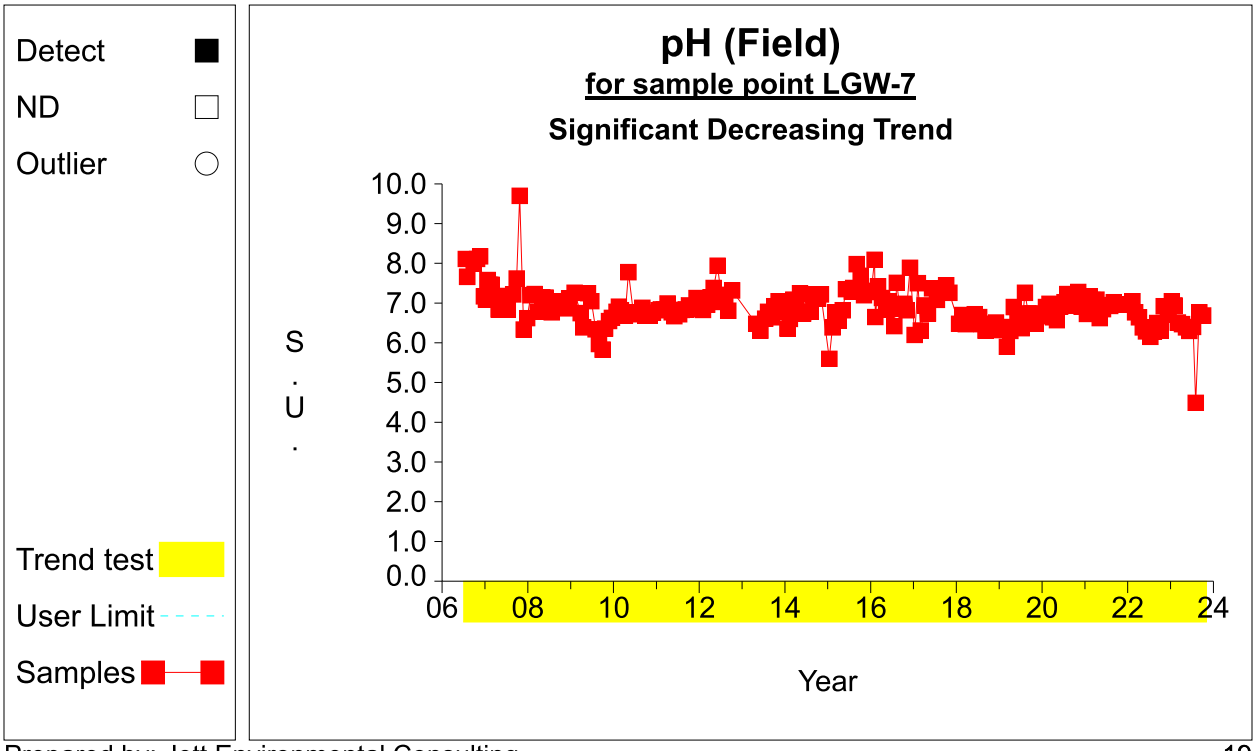
Time Series


Detect
ND
Outlier
Trend test
User Limit
Samples
pH (Field)
for sample point LGW-4
Significant Decreasing Trend
S.U.
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
06
08
10
12
14
16
18
20
22
24
Year

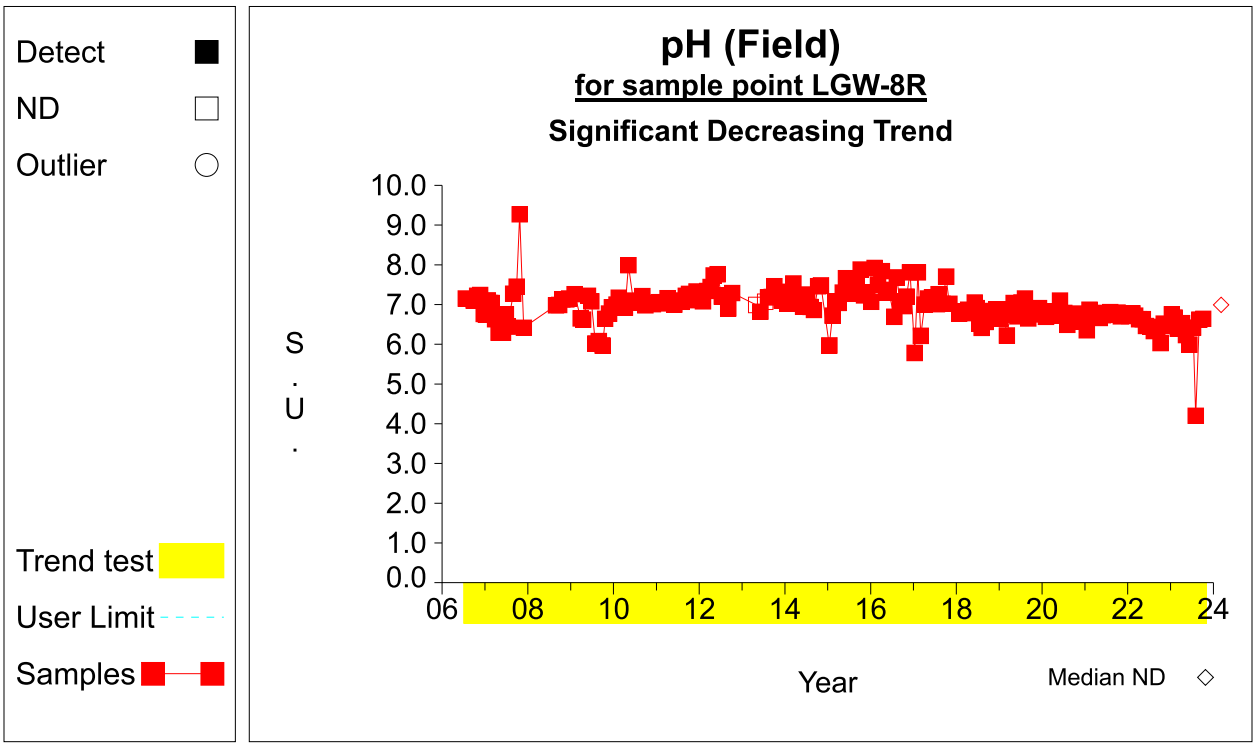

Detect
ND
Outlier
Trend test
User Limit
Samples
pH (Field)
for sample point LGW-5
Significant Decreasing Trend
S.U.
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
06
08
10
12
14
16
18
20
22
24
Year

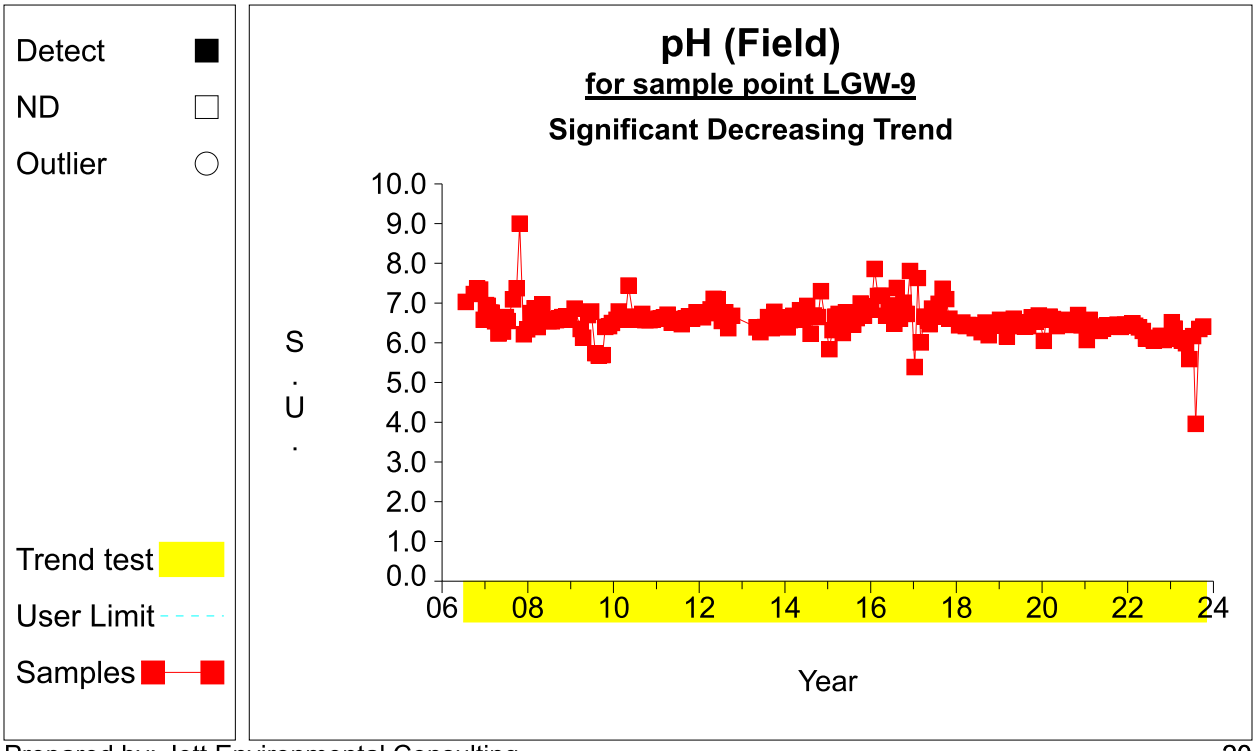
Time Series


Detect
ND
Outlier
Trend test
User Limit
Samples
pH (Field)
for sample point LGW-6
Significant Decreasing Trend
S.U.
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
06
08
10
12
14
16
18
20
22
24
Year

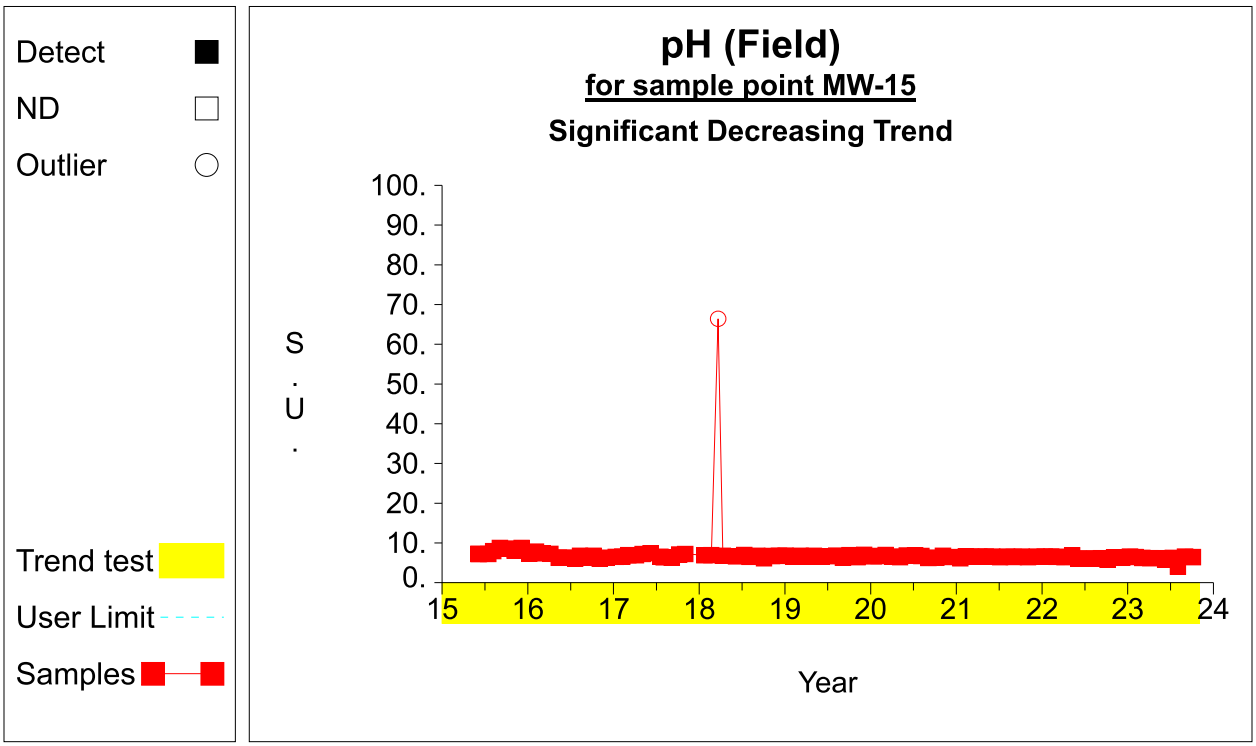

Detect
ND
Outlier
Trend test
User Limit
Samples
pH (Field)
for sample point LGW-7
Significant Decreasing Trend
S.U.
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
06
08
10
12
14
16
18
20
22
24
Year

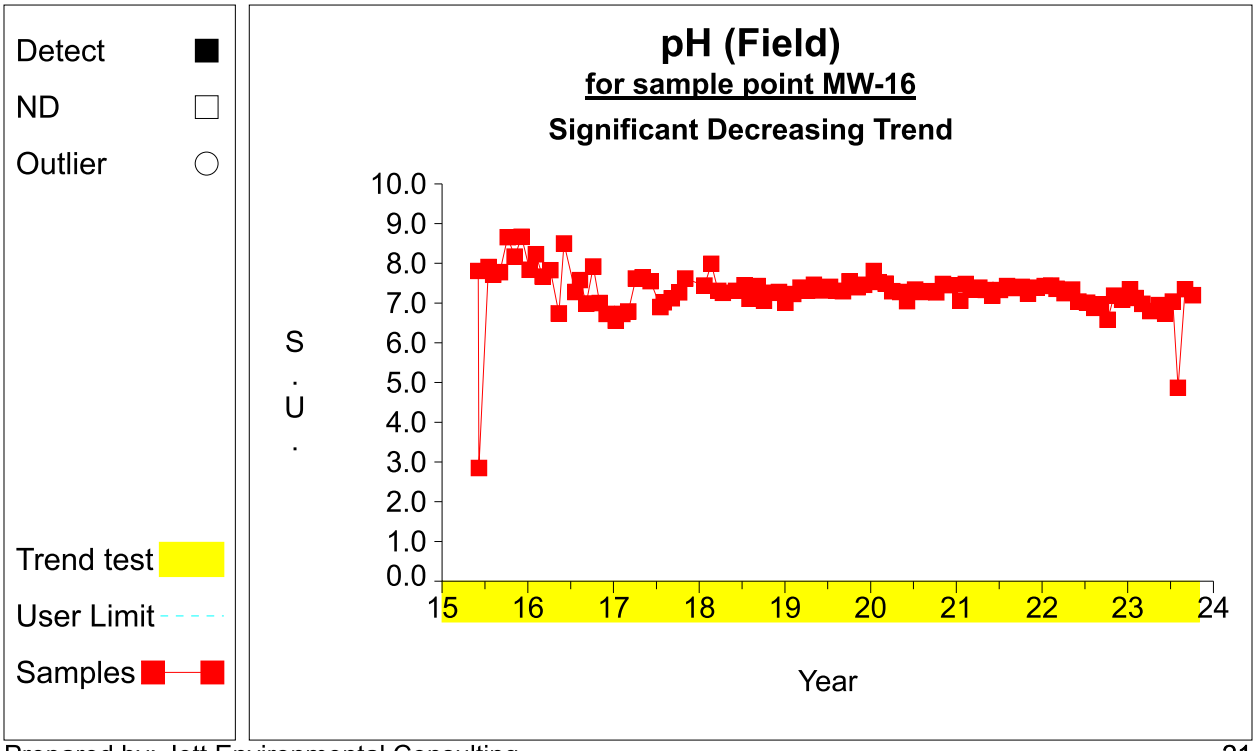
Time Series


Detect
ND
Outlier
Trend test
User Limit
Samples
pH (Field)
for sample point LGW-8R
Significant Decreasing Trend
S.U.
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
06
08
10
12
14
16
18
20
22
24
Year
Median ND

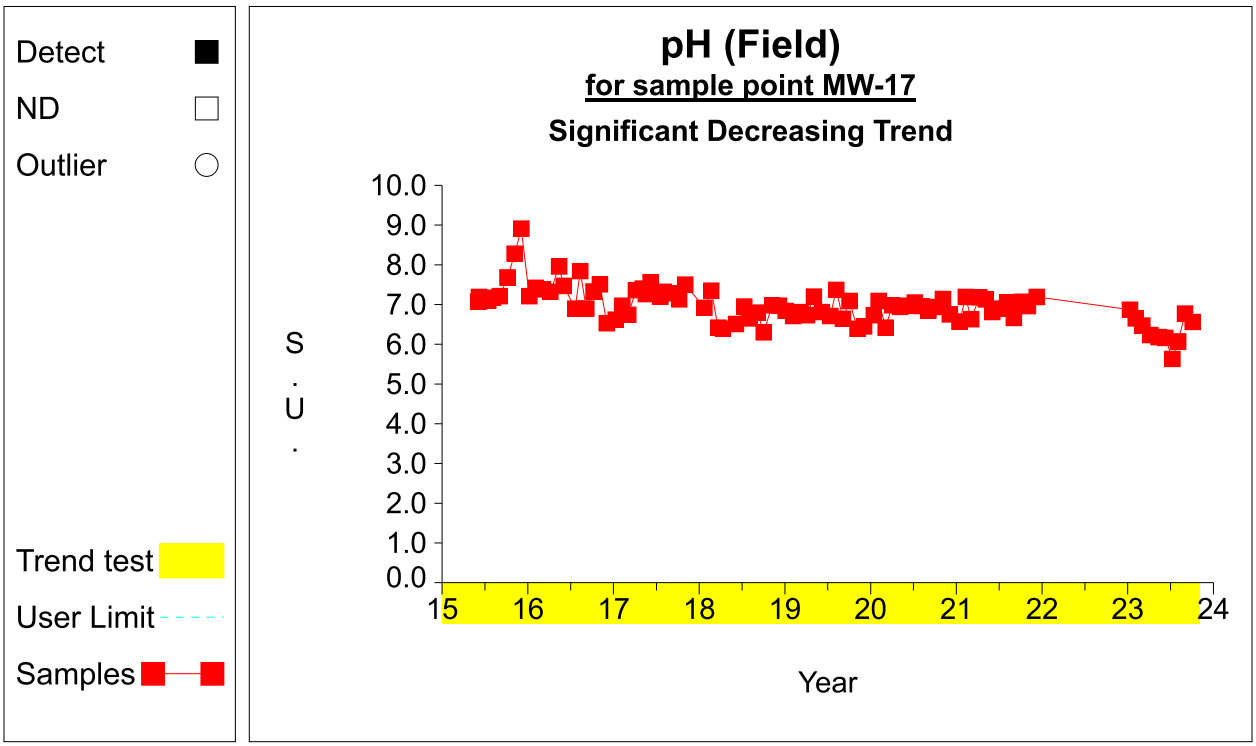

Detect
ND
Outlier
Trend test
User Limit
Samples
pH (Field)
for sample point LGW-9
Significant Decreasing Trend
S.U.
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
06
08
10
12
14
16
18
20
22
24
Year

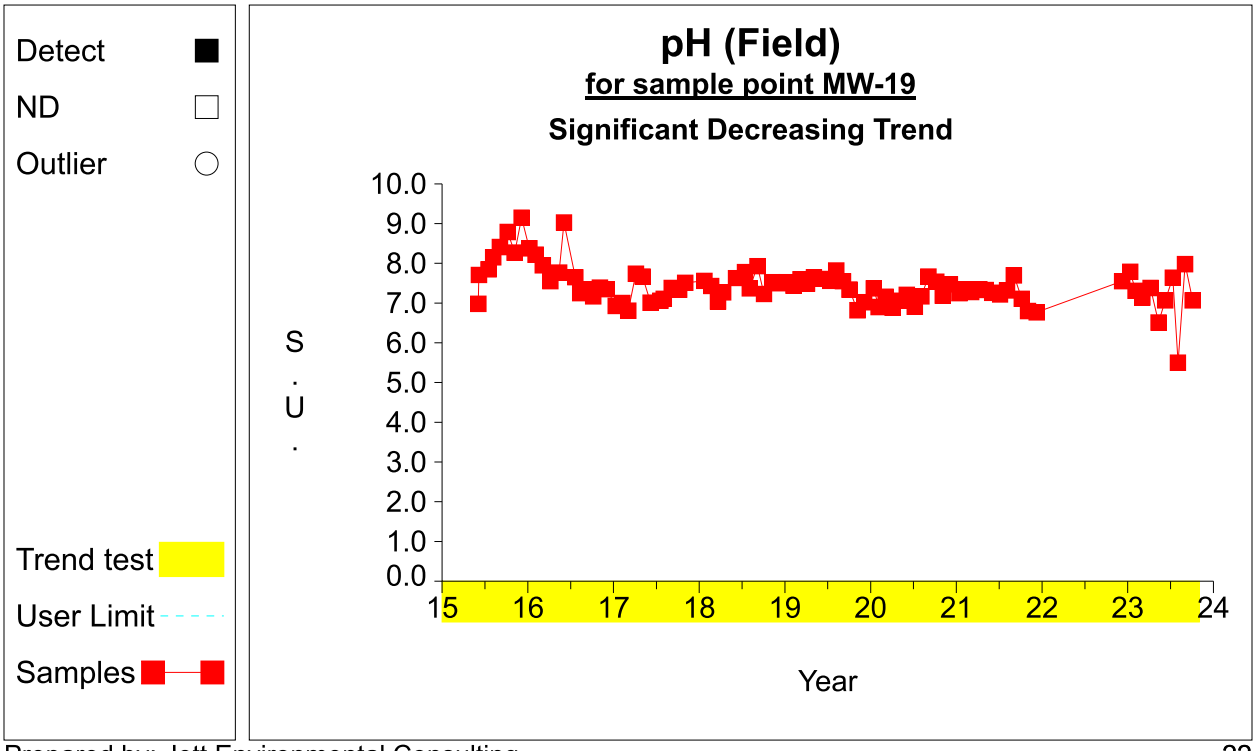
Time Series


Detect
ND
Outlier
Trend test
User Limit
Samples
pH (Field)
for sample point MW-15
Significant Decreasing Trend
S.U.
100.
90.
80.
70.
60.
50.
40.
30.
20.
10.
0.
15
16
17
18
19
20
21
22
23
24
Year

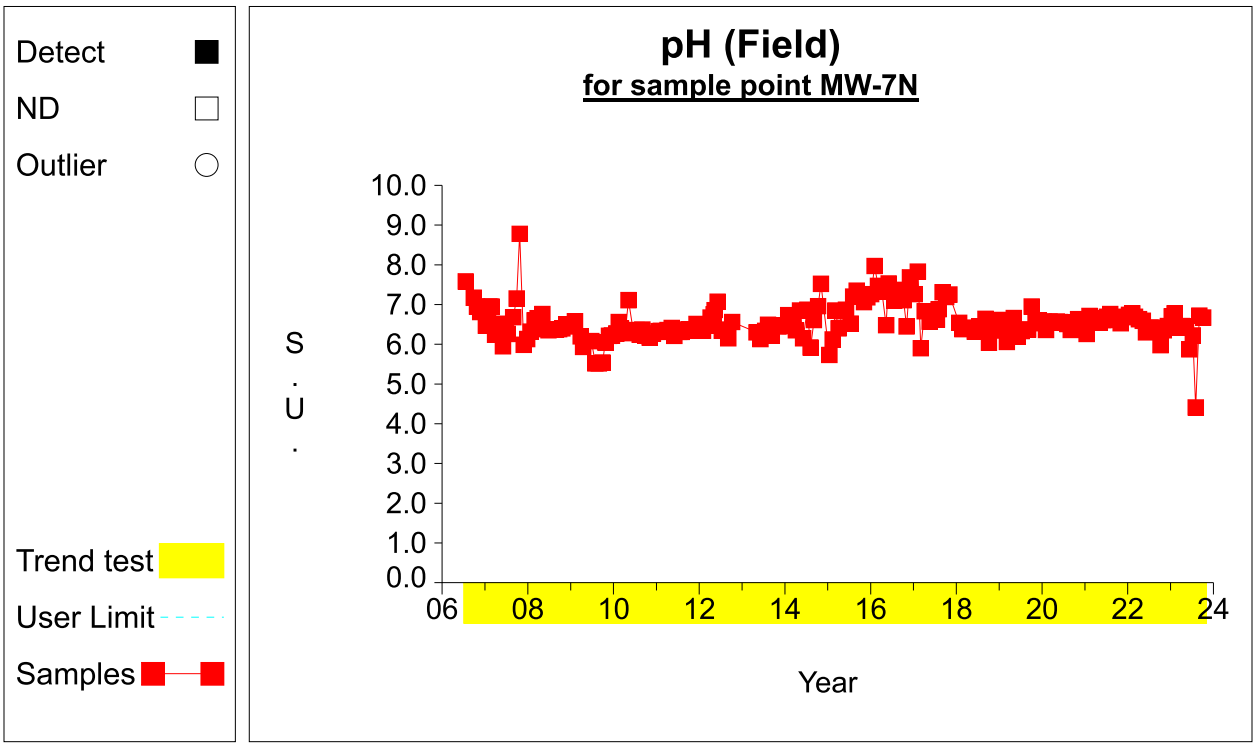

Detect
ND
Outlier
Trend test
User Limit
Samples
pH (Field)
for sample point MW-16
Significant Decreasing Trend
S.U.
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
15
16
17
18
19
20
21
22
23
24
Year

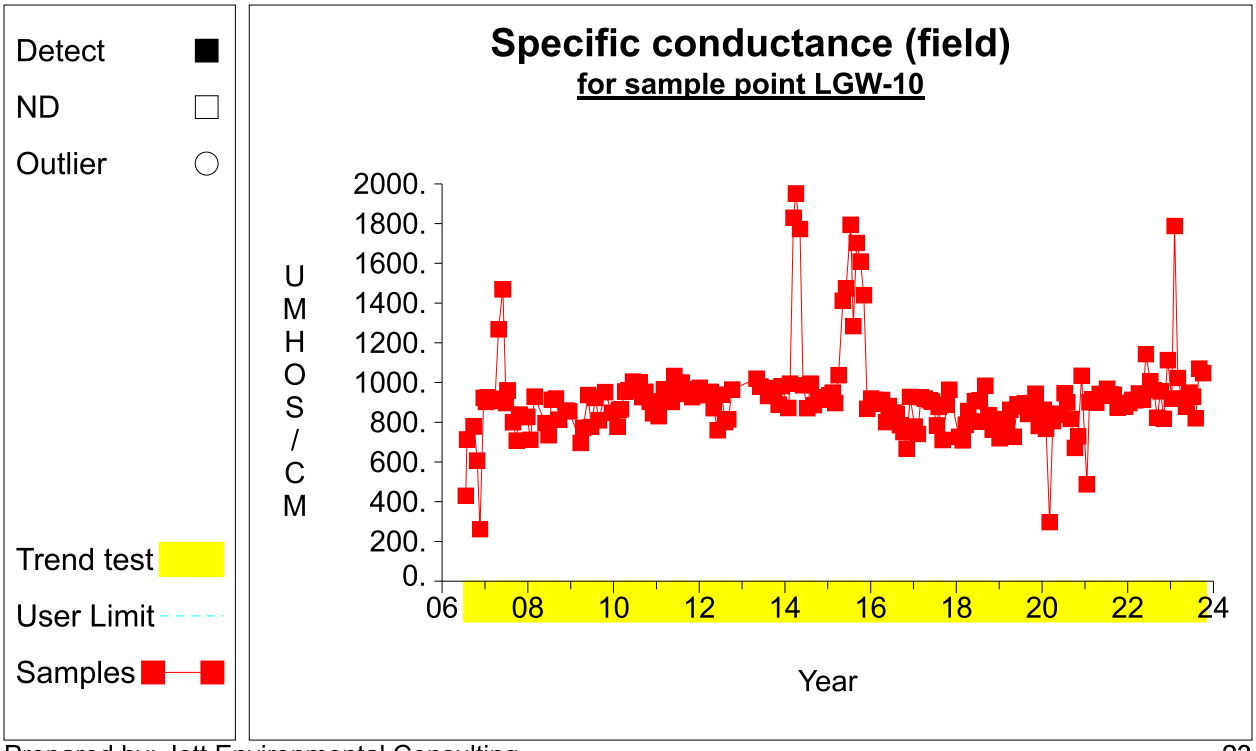
Time Series


Detect
ND
Outlier
Trend test
User Limit
Samples
pH (Field)
for sample point MW-17
Significant Decreasing Trend
S.U.
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
15
16
17
18
19
20
21
22
23
24
Year

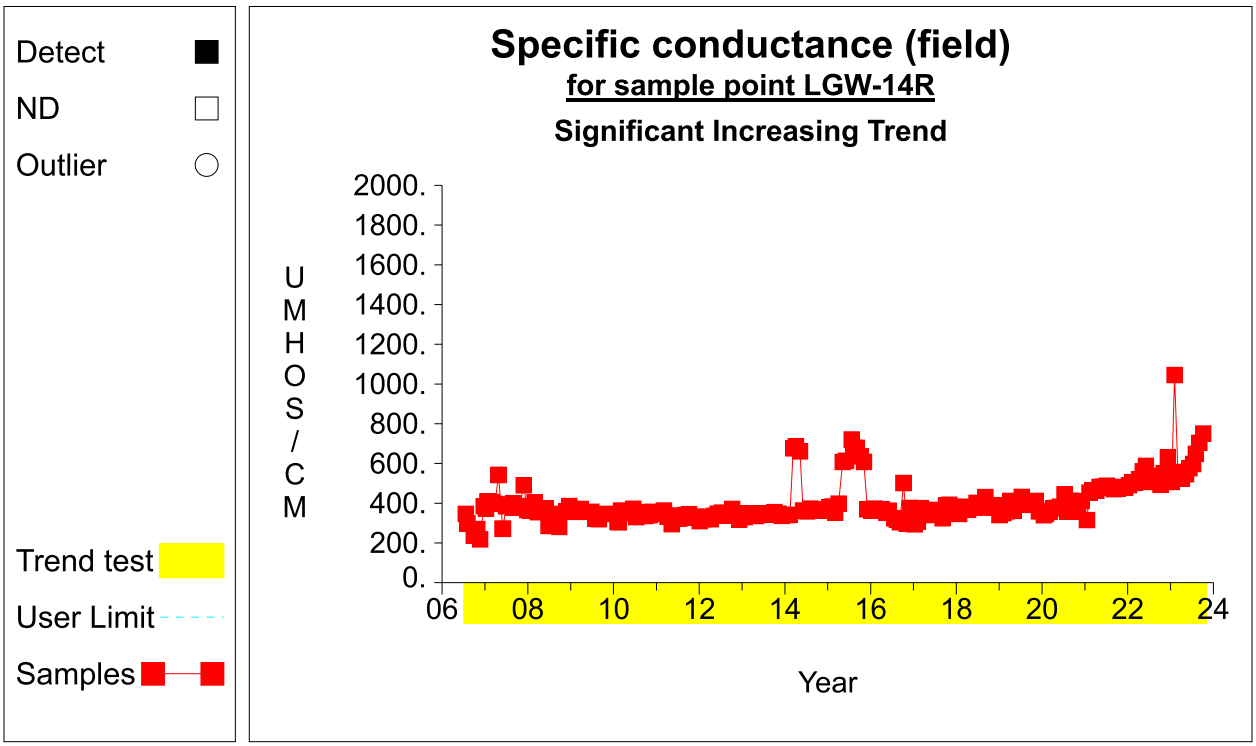

Detect
ND
Outlier
Trend test
User Limit
Samples
pH (Field)
for sample point MW-19
Significant Decreasing Trend
S.U.
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
15
16
17
18
19
20
21
22
23
24
Year

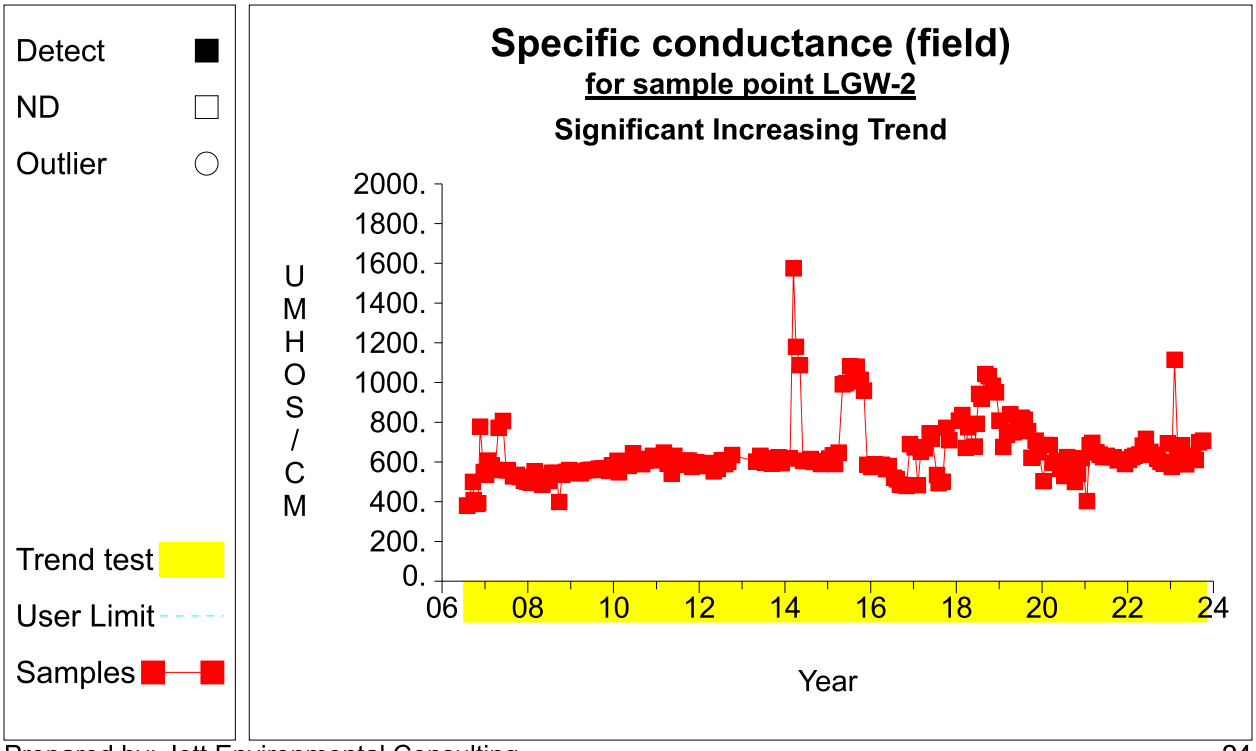
Time Series


Detect
ND
Outlier
Trend test
User Limit
Samples
pH (Field)
for sample point MW-7N
S.U.
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
06
08
10
12
14
16
18
20
22
24
Year

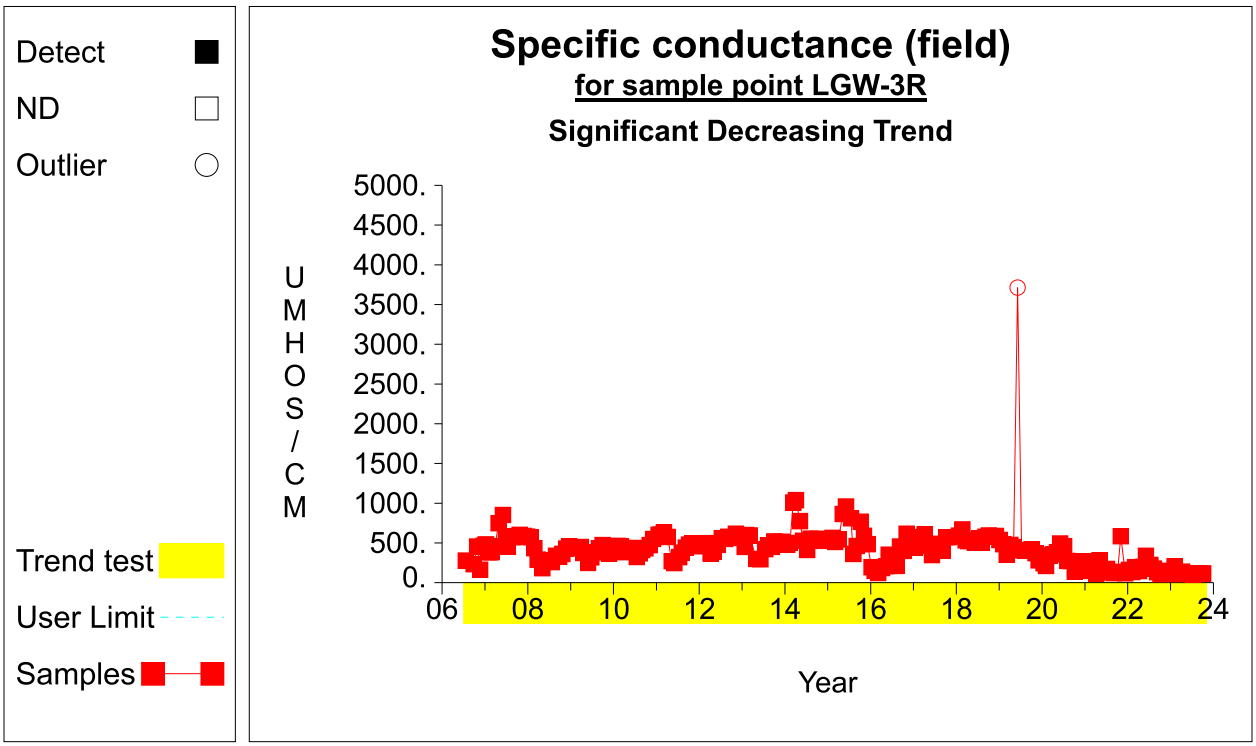

Detect
ND
Outlier
Trend test
User Limit
Samples
Specific conductance (field)
for sample point LGW-10
UMHOS/CM
2000.
1800.
1600.
1400.
1200.
1000.
800.
600.
400.
200.
0.
06
08
10
12
14
16
18
20
22
24
Year

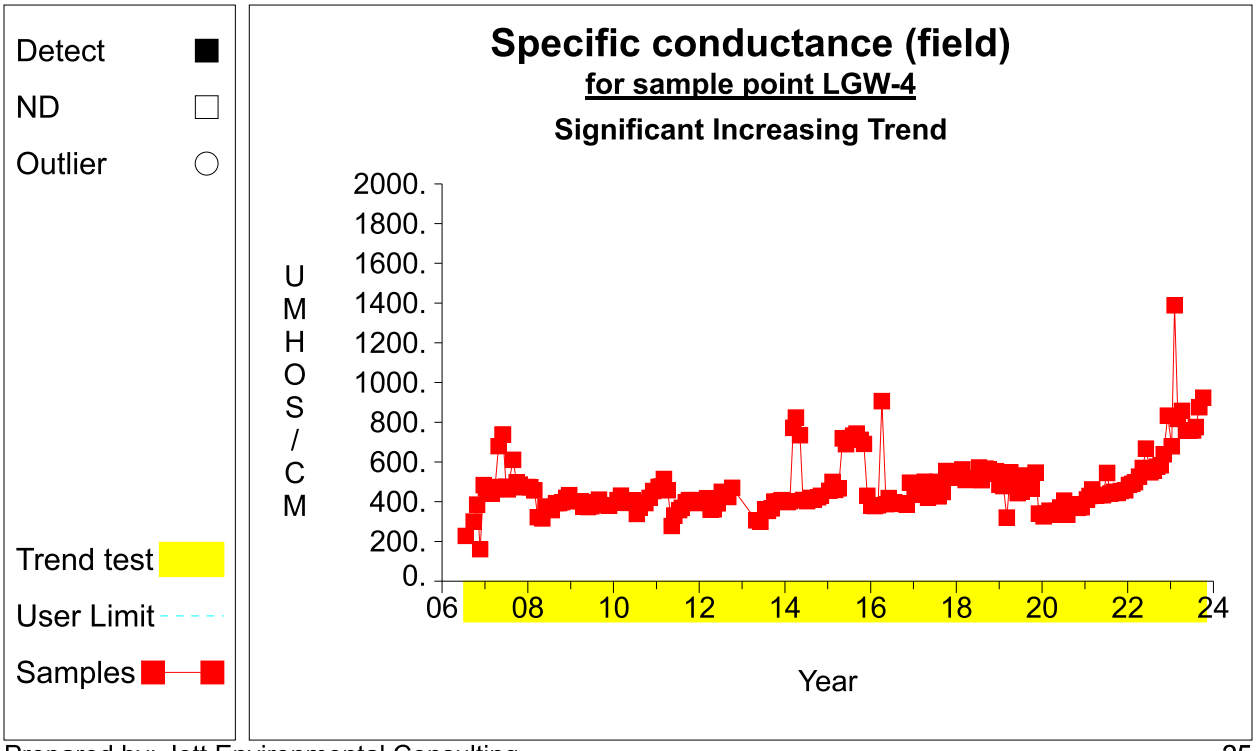
Time Series


Detect
ND
Outlier
Trend test
User Limit
Samples
Specific conductance (field)
for sample point LGW-14R
Significant Increasing Trend
UMHOS/CM
2000.
1800.
1600.
1400.
1200.
1000.
800.
600.
400.
200.
0.
06
08
10
12
14
16
18
20
22
24
Year

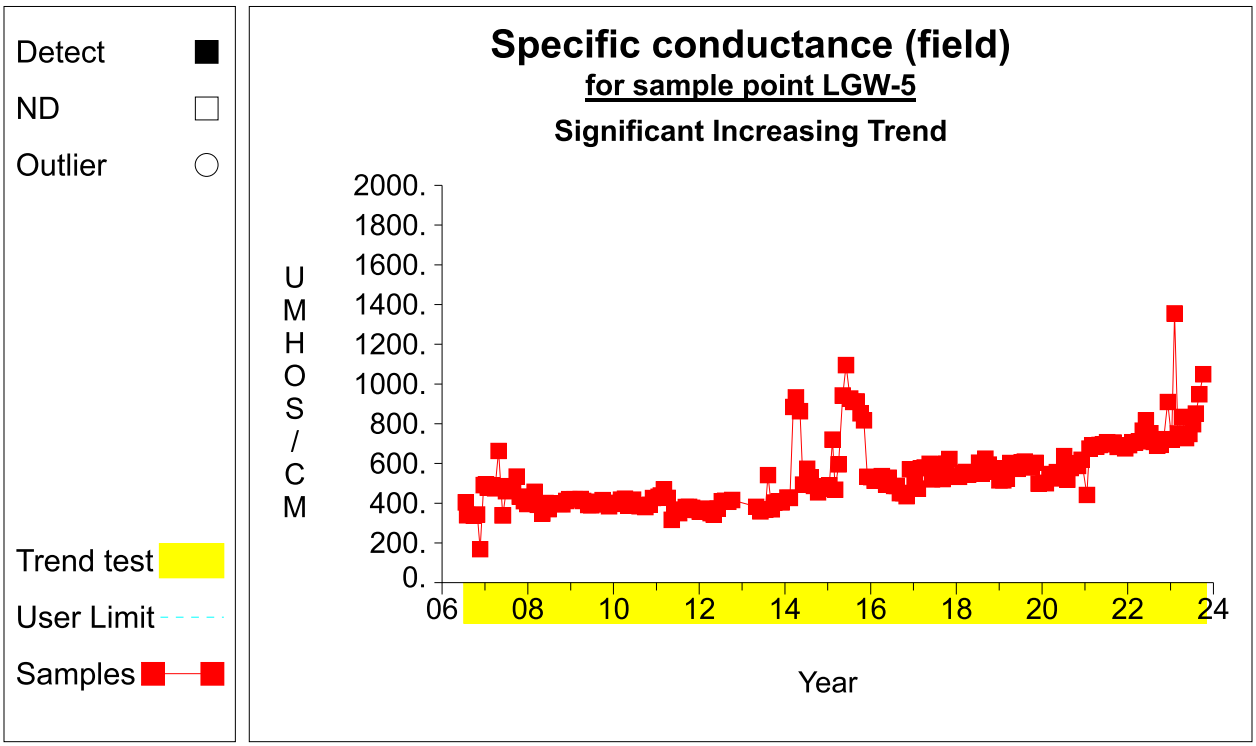

Detect
ND
Outlier
Trend test
User Limit
Samples
Specific conductance (field)
for sample point LGW-2
Significant Increasing Trend
UMHOS/CM
2000.
1800.
1600.
1400.
1200.
1000.
800.
600.
400.
200.
0.
06
08
10
12
14
16
18
20
22
24
Year

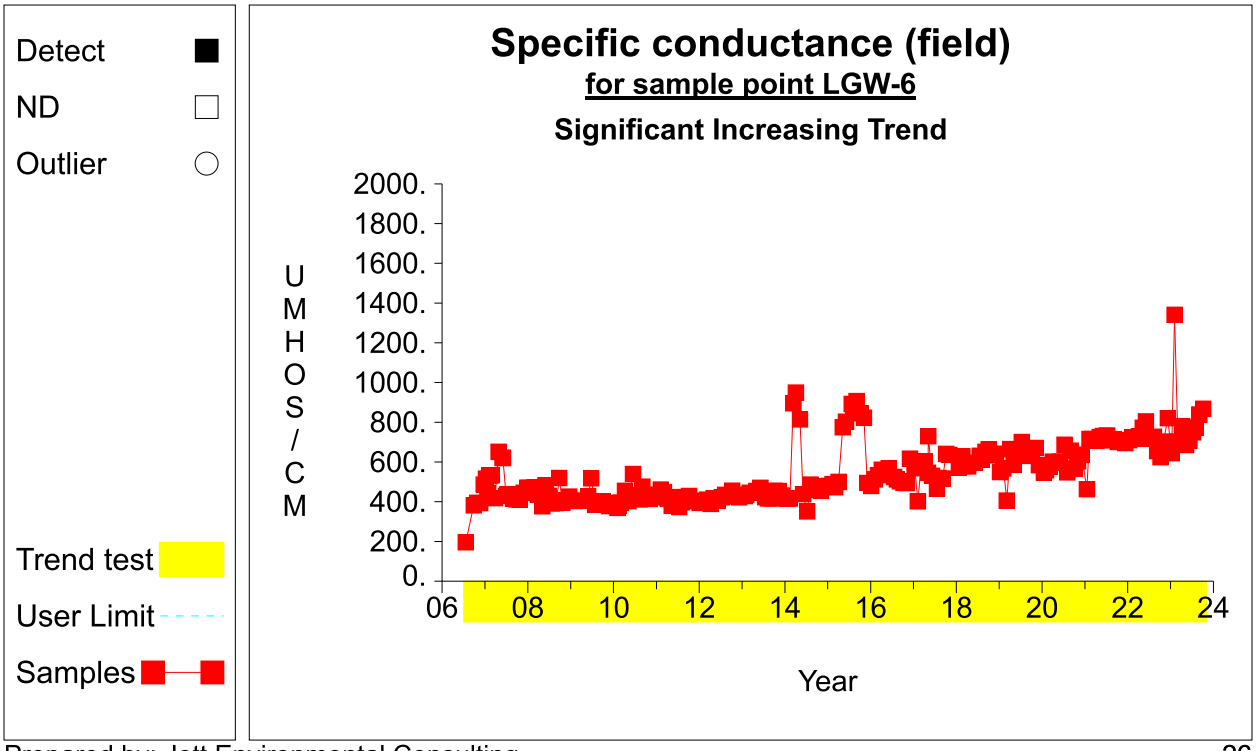
Time Series


Detect
ND
Outlier
Trend test
User Limit
Samples
Specific conductance (field)
for sample point LGW-3R
Significant Decreasing Trend
UMHOS/CM
5000.
4500.
4000.
3500.
3000.
2500.
2000.
1500.
1000.
500.
0.
06
08
10
12
14
16
18
20
22
24
Year


Detect
ND
Outlier
Trend test
User Limit
Samples
Specific conductance (field)
for sample point LGW-4
Significant Increasing Trend
UMHOS/CM
2000.
1800.
1600.
1400.
1200.
1000.
800.
600.
400.
200.
0.
06
08
10
12
14
16
18
20
22
24
Year

Time Series


Detect
ND
Outlier
Trend test
User Limit
Samples
Specific conductance (field)
for sample point LGW-5
Significant Increasing Trend
UMHOS/CM
2000.
1800.
1600.
1400.
1200.
1000.
800.
600.
400.
200.
0.
06
08
10
12
14
16
18
20
22
24
Year


Detect
ND
Outlier
Trend test
User Limit
Samples
Specific conductance (field)
for sample point LGW-6
Significant Increasing Trend
UMHOS/CM
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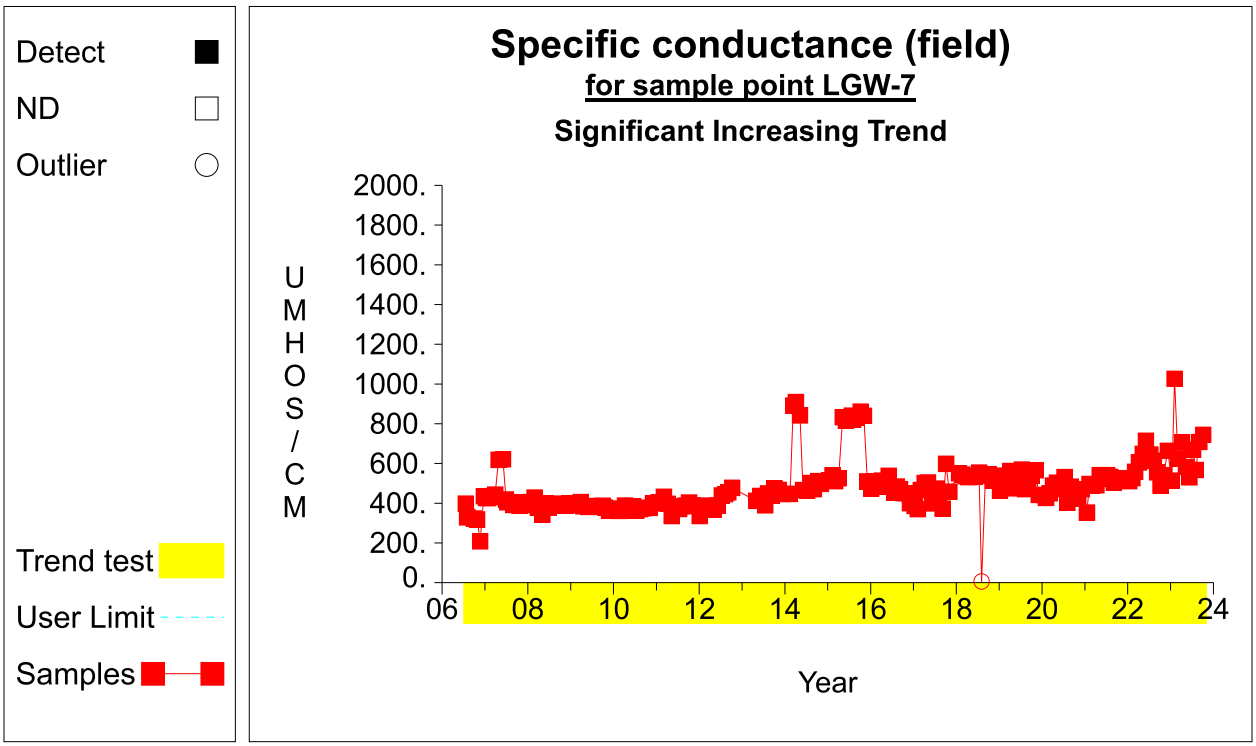
1800.
1600.
1400.
1200.
1000.
800.
600.
400.
200.
0.
06
08
10
12
14
16
18
20
22
24
Year

Time Series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ND
Outlier
Trend test
User Limit
Samples
Specific conductance (field)
for sample point LGW-7
Significant Increasing Trend
UMHOS/CM
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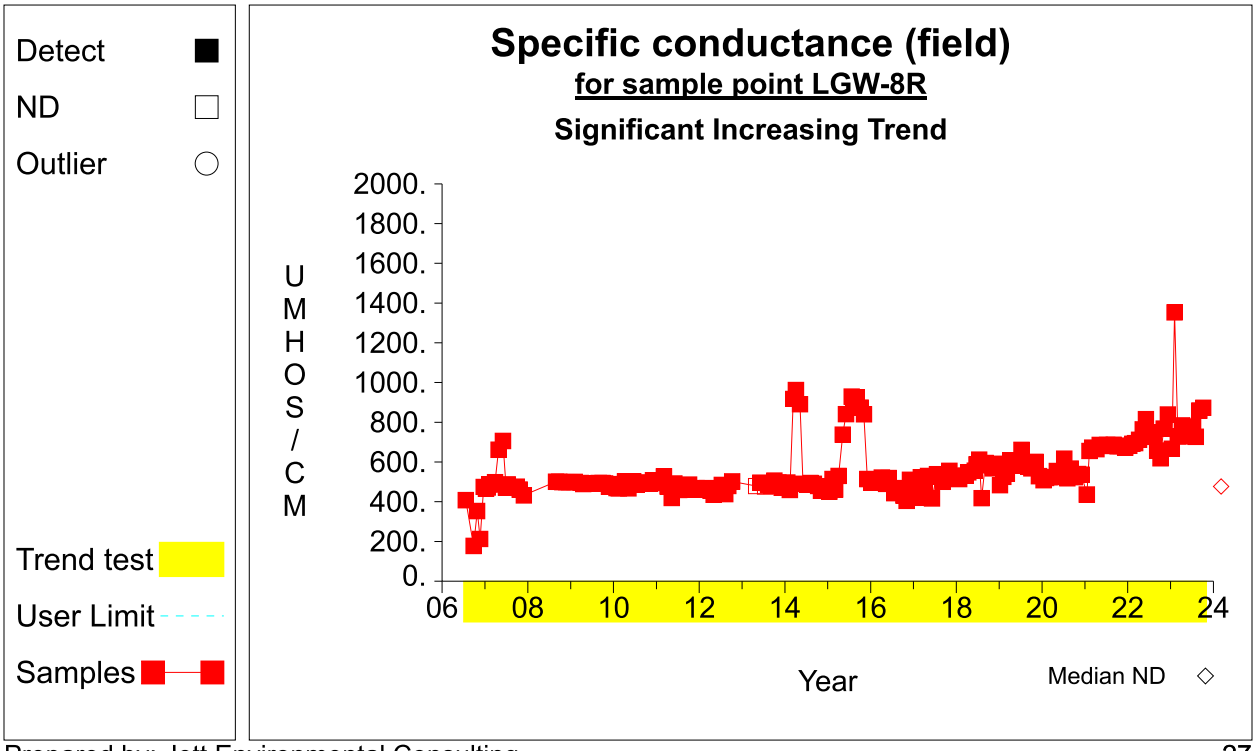
1800.
1600.
1400.
1200.
1000.
800.
600.
400.
200.
0.
06
08
10
12
14
16
18
20
22
24
Year


Detect
ND
Outlier
Trend test
User Limit
Samples
Specific conductance (field)
for sample point LGW-8R
Significant Increasing Trend
UMHOS/CM
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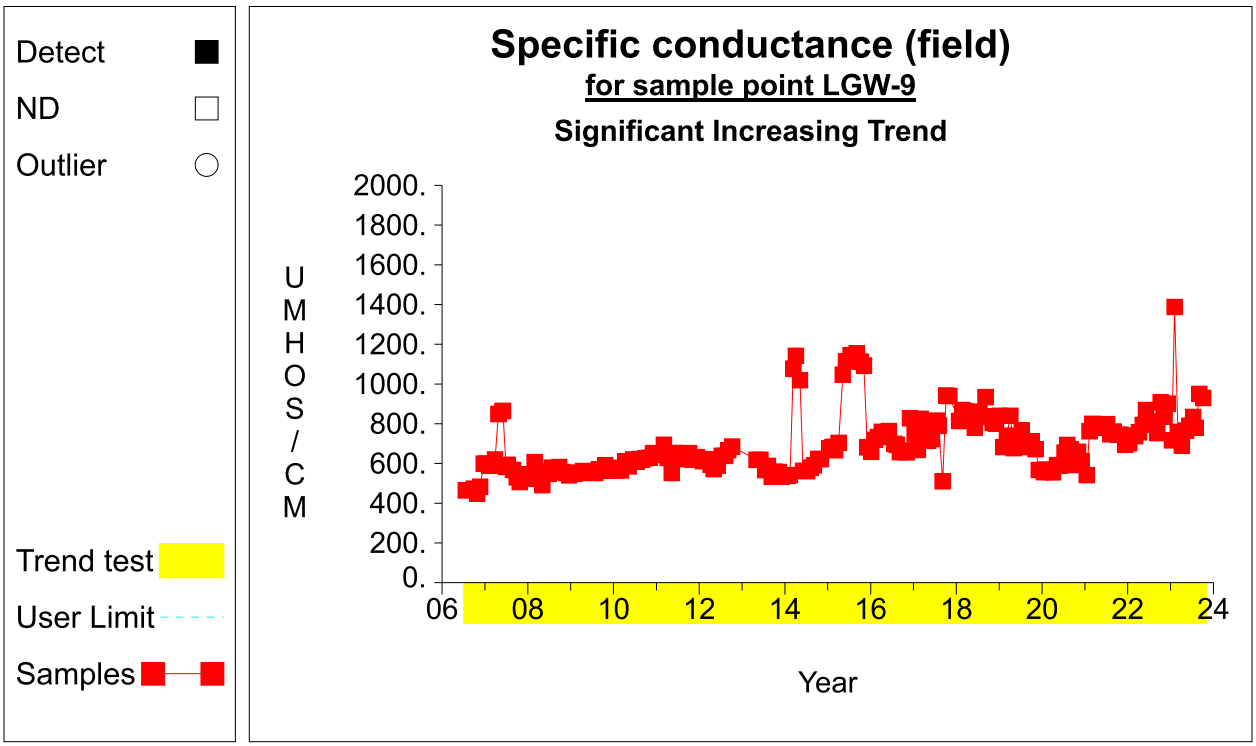
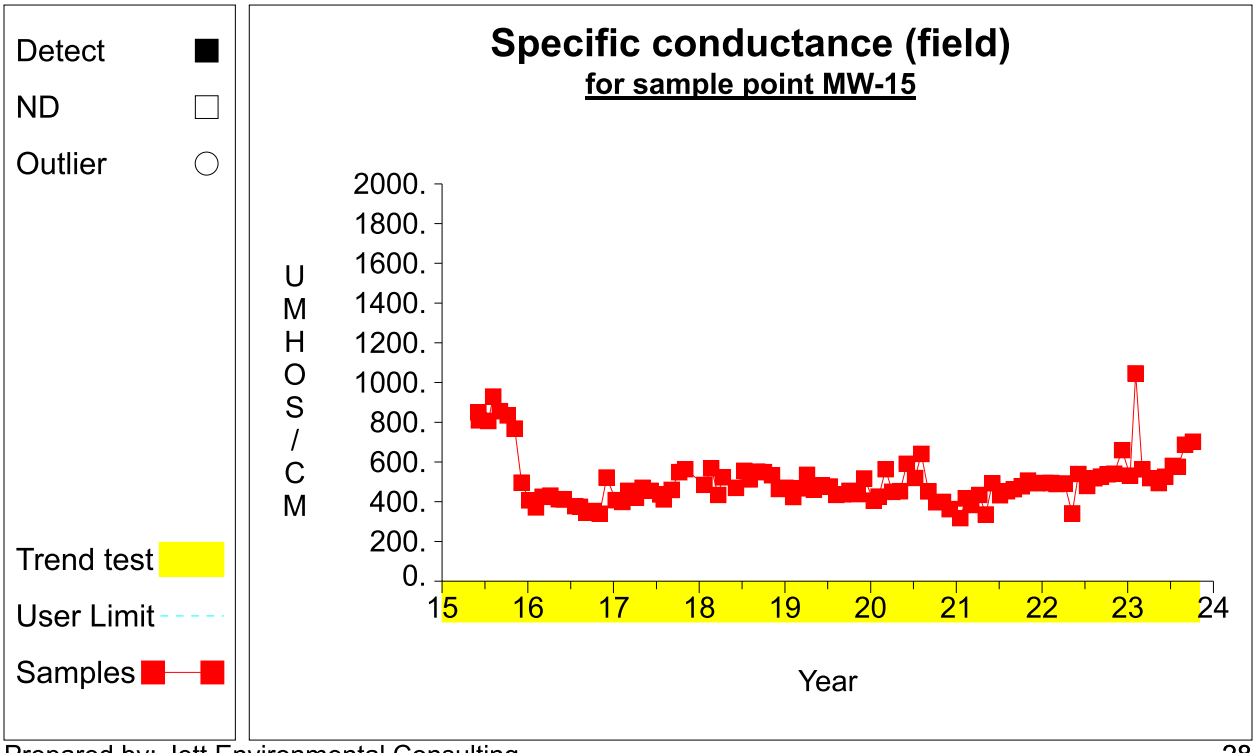
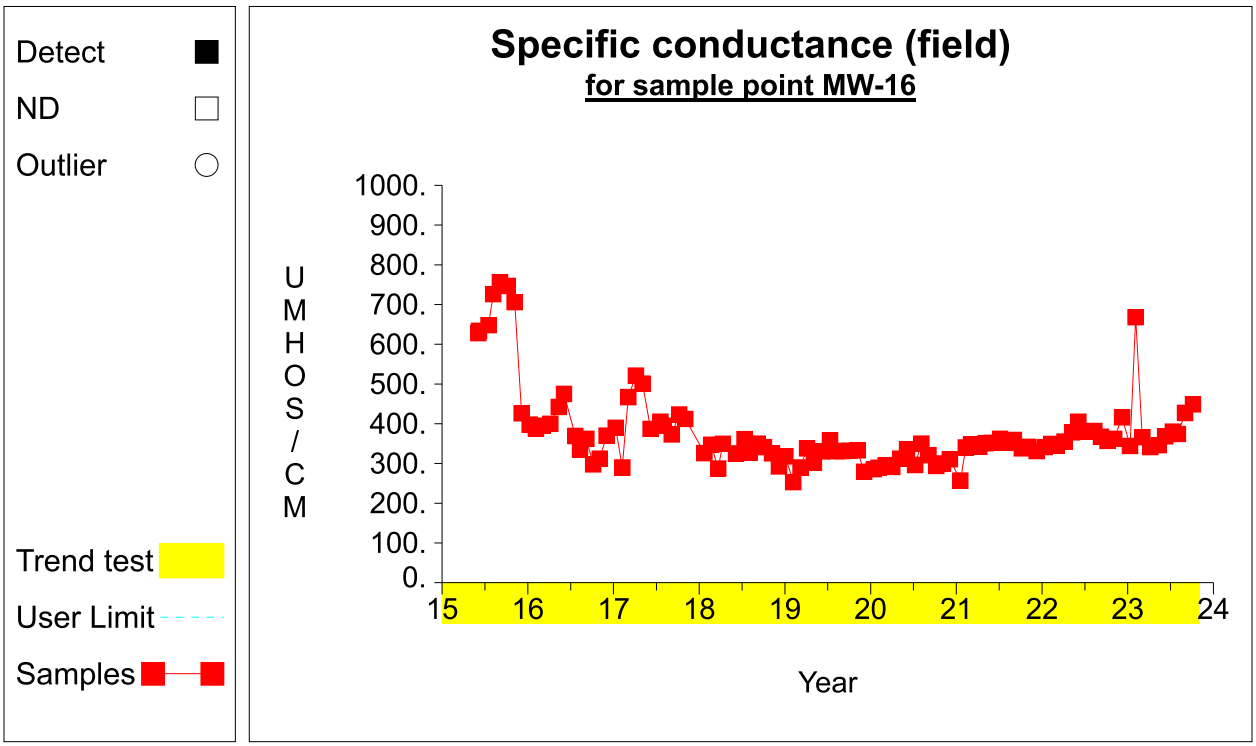
1800.
1600.
1400.
1200.
1000.
800.
600.
400.
200.
0.
06
08
10
12
14
16
18
20
22
24
Year
Median ND

Time Series


Detect
ND
Outlier
Trend test
User Limit
Samples
Specific conductance (field)
for sample point LGW-9
Significant Increasing Trend
UMHOS/CM
2000.
1800.
1600.
1400.
1200.
1000.
800.
600.
400.
200.
0.
06
08
10
12
14
16
18
20
22
24
Year


Detect
ND
Outlier
Trend test
User Limit
Samples
Specific conductance (field)
for sample point MW-15
UMHOS/CM
2000.
1800.
1600.
1400.
1200.
1000.
800.
600.
400.
200.
0.
15
16
17
18
19
20
21
22
23
24
Year

Time Series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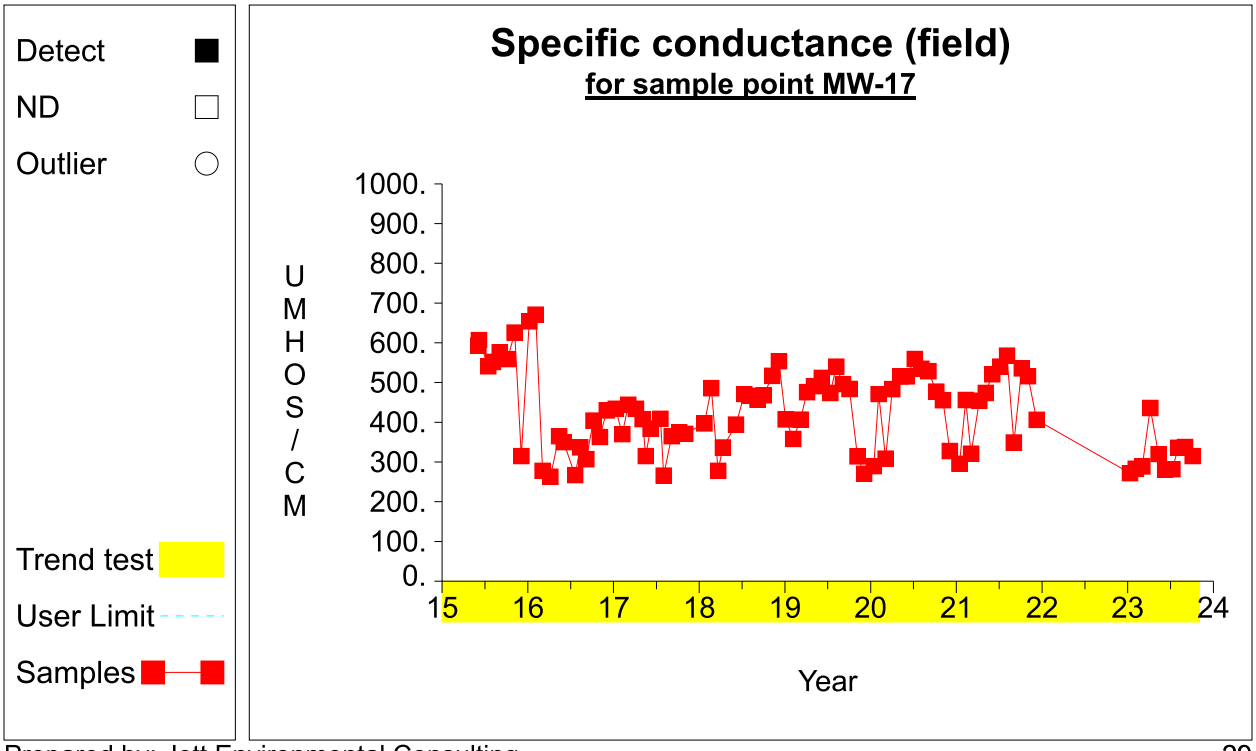
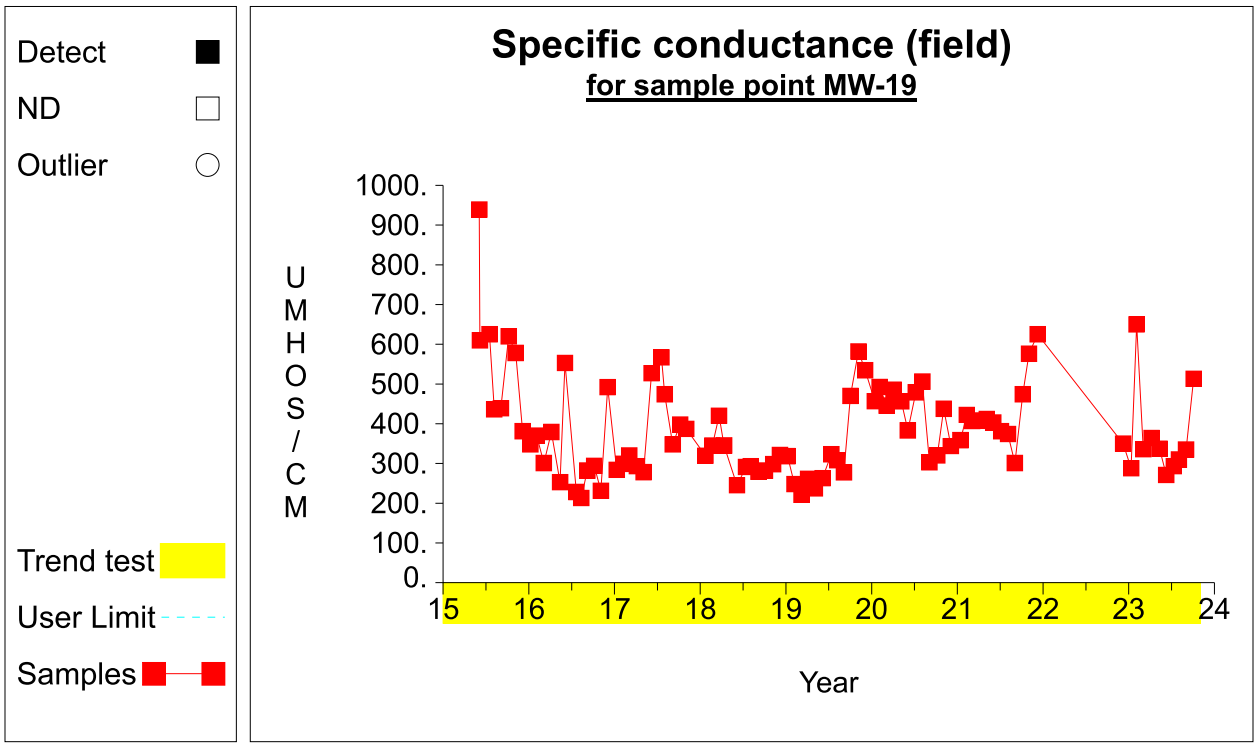
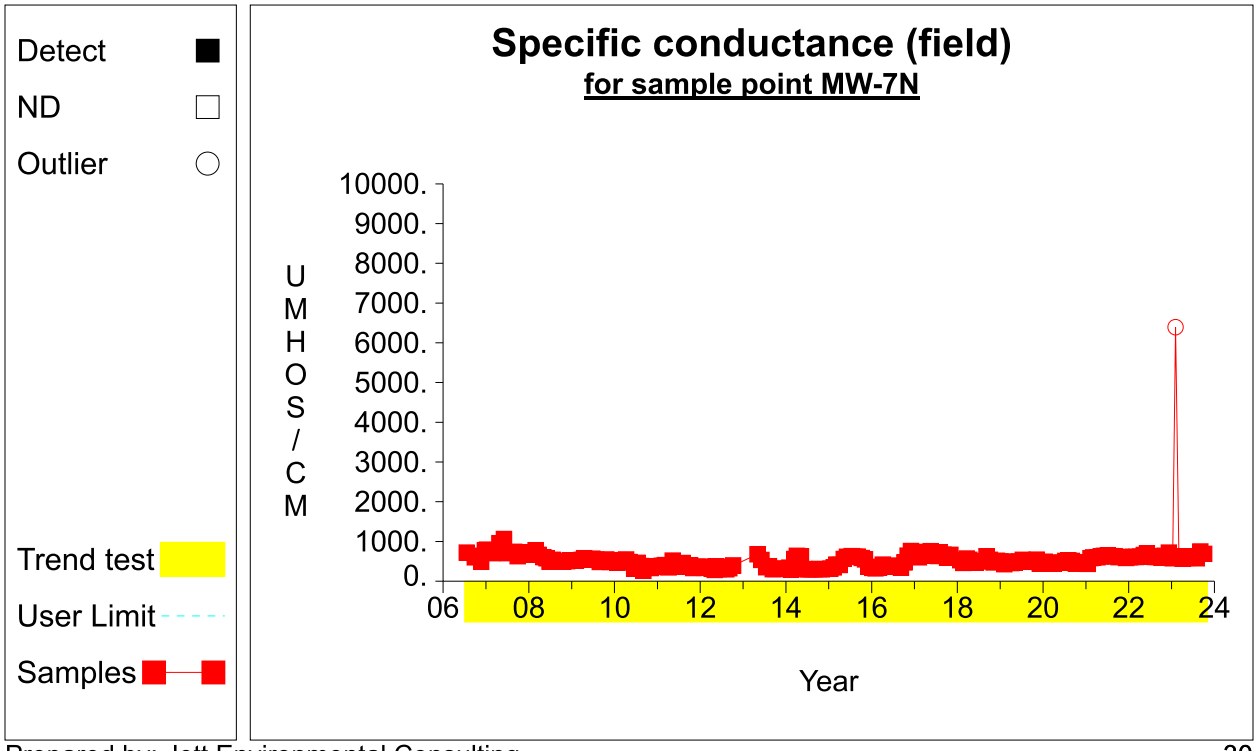
ND
Outlier
Trend test
User Limit
Samples
Specific conductance (field)
for sample point MW-16
UMHOS/CM
1000.
900.
800.
700.
600.
500.
400.
300.
200.
100.
0.
15
16
17
18
19
20
21
22
23
24
Year


Detect
ND
Outlier
Trend test
User Limit
Samples
Specific conductance (field)
for sample point MW-17
UMHOS/CM
1000.
900.
800.
700.
600.
500.
400.
300.
200.
100.
0.
15
16
17
18
19
20
21
22
23
24
Year

Time Series


Detect
ND
Outlier
Trend test
User Limit
Samples
Specific conductance (field)
for sample point MW-19
UMHOS/CM
1000.
900.
800.
700.
600.
500.
400.
300.
200.
100.
0.
15
16
17
18
19
20
21
22
23
24
Year


Detect
ND
Outlier
Trend test
User Limit
Samples
Specific conductance (field)
for sample point MW-7N
UMHOS/CM
10000.
9000.
8000.
7000.
6000.
5000.
4000.
3000.
2000.
1000.
0.
06
08
10
12
14
16
18
20
22
24
Year

ATTACHMENT D

Chloride Baseline Calculations

Well	Date	Constituent	Results	Units	Mean Concentration	Mean Concentration x 10
LGW-10	8/1/2006	Chloride	13	mg/L		
LGW-10	9/28/2006	Chloride	13	mg/L		
LGW-10	10/26/2006	Chloride	13	mg/L		
LGW-10	11/21/2006	Chloride	13	mg/L		
LGW-10	12/21/2006	Chloride	13	mg/L		
LGW-10	1/25/2007	Chloride	13	mg/L		
LGW-10	2/27/2007	Chloride	14	mg/L		
LGW-10	3/27/2007	Chloride	14	mg/L		
LGW-10	4/26/2007	Chloride	14	mg/L		
LGW-10	5/31/2007	Chloride	15	mg/L		
LGW-10	6/28/2007	Chloride	14	mg/L		
LGW-10	7/12/2007	Chloride	14	mg/L		
LGW-10	8/28/2007	Chloride	15	mg/L		
LGW-10	9/28/2007	Chloride	17	mg/L		
LGW-10	10/23/2007	Chloride	16	mg/L		
LGW-10	11/28/2007	Chloride	16	mg/L		
LGW-10	12/28/2007	Chloride	18	mg/L		
LGW-10	1/23/2008	Chloride	18	mg/L		
LGW-10	2/28/2008	Chloride	18	mg/L		
LGW-10	5/29/2008	Chloride	21	mg/L	15.1	151

Well	Date	Constituent	Results	Units	Mean Concentration	Mean Concentration x 10
LGW-14R	8/29/2008	Chloride	5.8	mg/L		
LGW-14R	9/26/2008	Chloride	4.1	mg/L		
LGW-14R	11/25/2008	Chloride	3.8	mg/L		
LGW-14R	12/19/2008	Chloride	4.5	mg/L		
LGW-14R	2/6/2009	Chloride	3.9	mg/L		
LGW-14R	3/26/2009	Chloride	3.5	mg/L		
LGW-14R	6/25/2009	Chloride	4	mg/L		
LGW-14R	7/29/2009	Chloride	3.5	mg/L		
LGW-14R	8/28/2009	Chloride	3.3	mg/L		
LGW-14R	10/22/2009	Chloride	3.5	mg/L		
LGW-14R	12/18/2009	Chloride	3.5	mg/L		
LGW-14R	2/3/2010	Chloride	3.5	mg/L		
LGW-14R	2/3/2010	Chloride	3.5	mg/L		
LGW-14R	2/16/2010	Chloride	3.4	mg/L		
LGW-14R	3/3/2010	Chloride	3.7	mg/L		
LGW-14R	4/7/2010	Chloride	3.5	mg/L		
LGW-14R	5/6/2010	Chloride	4	mg/L		
LGW-14R	6/16/2010	Chloride	3.7	mg/L		
LGW-14R	7/12/2010	Chloride	3.5	mg/L		
LGW-14R	8/10/2010	Chloride	3.8	mg/L		
LGW-14R	9/2/2010	Chloride	3.7	mg/L		
LGW-14R	9/29/2010	Chloride	3.7	mg/L		
LGW-14R	11/3/2010	Chloride	3.2	mg/L		
LGW-14R	12/2/2010	Chloride	3.9	mg/L		
LGW-14R	1/19/2011	Chloride	3.7	mg/L		
LGW-14R	2/7/2011	Chloride	3.7	mg/L		
LGW-14R	3/3/2011	Chloride	3.9	mg/L		
LGW-14R	4/5/2011	Chloride	3.8	mg/L		
LGW-14R	5/10/2011	Chloride	3.6	mg/L		
LGW-14R	6/1/2011	Chloride	3.6	mg/L		
LGW-14R	7/12/2011	Chloride	3.9	mg/L		
LGW-14R	8/3/2011	Chloride	3.8	mg/L		
LGW-14R	9/7/2011	Chloride	3.9	mg/L		
LGW-14R	10/5/2011	Chloride	4.1	mg/L		
LGW-14R	11/1/2011	Chloride	3.6	mg/L		
LGW-14R	12/7/2011	Chloride	3.9	mg/L		
LGW-14R	1/5/2012	Chloride	3.8	mg/L		
LGW-14R	2/1/2012	Chloride	3.7	mg/L		
LGW-14R	3/6/2012	Chloride	3.8	mg/L		
LGW-14R	4/5/2012	Chloride	3.9	mg/L		
LGW-14R	5/1/2012	Chloride	4.2	mg/L		
LGW-14R	6/5/2012	Chloride	3.8	mg/L		
LGW-14R	7/9/2012	Chloride	3.8	mg/L		
LGW-14R	8/9/2012	Chloride	3.8	mg/L		

Well	Date	Constituent	Results	Units	Mean Concentration	Mean Concentration x 10
LGW-14R	9/4/2012	Chloride	3.9	mg/L		
LGW-14R	10/7/2012	Chloride	3.9	mg/L		
LGW-14R	11/6/2012	Chloride	4	mg/L		
LGW-14R	11/6/2012	Chloride	4	mg/L		
LGW-14R	12/6/2012	Chloride	4.1	mg/L		
LGW-14R	12/6/2012	Chloride	4.1	mg/L		
LGW-14R	1/23/2013	Chloride	3.5	mg/L		
LGW-14R	1/23/2013	Chloride	3.5	mg/L		
LGW-14R	2/5/2013	Chloride	3.8	mg/L		
LGW-14R	2/5/2013	Chloride	3.8	mg/L		
LGW-14R	3/5/2013	Chloride	3.9	mg/L		
LGW-14R	3/5/2013	Chloride	3.9	mg/L		
LGW-14R	4/30/2013	Chloride	3.8	mg/L		
LGW-14R	6/4/2013	Chloride	3.7	mg/L		
LGW-14R	8/8/2013	Chloride	3.8	mg/L		
LGW-14R	9/10/2013	Chloride	3.9	mg/L		
LGW-14R	10/1/2013	Chloride	3.6	mg/L		
LGW-14R	11/6/2013	Chloride	3.7	mg/L		
LGW-14R	12/2/2013	Chloride	3.9	mg/L		
LGW-14R	1/23/2014	Chloride	3.9	mg/L		
LGW-14R	2/12/2014	Chloride	3.9	mg/L		
LGW-14R	3/11/2014	Chloride	3.8	mg/L		
LGW-14R	4/2/2014	Chloride	3.8	mg/L		
LGW-14R	5/7/2014	Chloride	3.9	mg/L		
LGW-14R	6/3/2014	Chloride	3.8	mg/L		
LGW-14R	7/8/2014	Chloride	3.8	mg/L		
LGW-14R	8/5/2014	Chloride	3.9	mg/L		
LGW-14R	9/4/2014	Chloride	4	mg/L		
LGW-14R	10/9/2014	Chloride	4	mg/L		
LGW-14R	11/3/2014	Chloride	4.1	mg/L		
LGW-14R	1/14/2015	Chloride	4.3	mg/L		
LGW-14R	2/11/2015	Chloride	4	mg/L		
LGW-14R	3/3/2015	Chloride	4.2	mg/L		
LGW-14R	4/1/2015	Chloride	4	mg/L		
LGW-14R	5/6/2015	Chloride	4.6	mg/L		
LGW-14R	6/3/2015	Chloride	4	mg/L		
LGW-14R	7/22/2015	Chloride	3.9	mg/L		
LGW-14R	8/4/2015	Chloride	3.8	mg/L		
LGW-14R	9/3/2015	Chloride	4.1	mg/L		
LGW-14R	10/6/2015	Chloride	4	mg/L		
LGW-14R	11/4/2015	Chloride	4.1	mg/L		
LGW-14R	12/3/2015	Chloride	4.5	mg/L		
LGW-14R	1/5/2016	Chloride	4.4	mg/L		
LGW-14R	2/3/2016	Chloride	4	mg/L	3.9	39

Well	Date	Constituent	Results	Units	Mean Concentration	Mean Concentration x 10
LGW-2	8/1/2006	Chloride	9.1	mg/L		
LGW-2	9/27/2006	Chloride	7.5	mg/L		
LGW-2	10/26/2006	Chloride	7.7	mg/L		
LGW-2	11/21/2006	Chloride	7.7	mg/L		
LGW-2	12/21/2006	Chloride	7.1	mg/L		
LGW-2	1/25/2007	Chloride	7.7	mg/L		
LGW-2	2/27/2007	Chloride	7.9	mg/L		
LGW-2	3/26/2007	Chloride	7.4	mg/L		
LGW-2	4/26/2007	Chloride	6.6	mg/L		
LGW-2	6/1/2007	Chloride	9.5	mg/L		
LGW-2	6/28/2007	Chloride	8.1	mg/L		
LGW-2	7/10/2007	Chloride	8.1	mg/L		
LGW-2	8/28/2007	Chloride	6.6	mg/L		
LGW-2	9/28/2007	Chloride	7.9	mg/L		
LGW-2	10/24/2007	Chloride	8.1	mg/L		
LGW-2	11/28/2007	Chloride	7.9	mg/L		
LGW-2	12/28/2007	Chloride	8	mg/L		
LGW-2	1/26/2008	Chloride	7.7	mg/L		
LGW-2	2/28/2008	Chloride	7.7	mg/L		
LGW-2	3/24/2008	Chloride	7.8	mg/L		
LGW-2	5/3/2008	Chloride	8.1	mg/L	7.8	78
LGW-3R	6/3/2015	Chloride	27	mg/L		
LGW-3R	7/16/2015	Chloride	14	mg/L		
LGW-3R	8/5/2015	Chloride	6.9	mg/L		
LGW-3R	9/3/2015	Chloride	7.3	mg/L		
LGW-3R	10/6/2015	Chloride	13	mg/L		
LGW-3R	11/5/2015	Chloride	15	mg/L		
LGW-3R	12/4/2015	Chloride	8.5	mg/L		
LGW-3R	1/8/2016	Chloride	12	mg/L		
LGW-3R	2/4/2016	Chloride	7.6	mg/L	12.4	124

Well	Date	Constituent	Results	Units	Mean Concentration	Mean Concentration x 10
LGW-4	7/20/2006	Chloride	20	mg/L		
LGW-4	9/26/2006	Chloride	11	mg/L		
LGW-4	10/26/2006	Chloride	19	mg/L		
LGW-4	11/21/2006	Chloride	15	mg/L		
LGW-4	12/21/2006	Chloride	12	mg/L		
LGW-4	1/25/2007	Chloride	8.7	mg/L		
LGW-4	2/27/2007	Chloride	9.9	mg/L		
LGW-4	3/26/2007	Chloride	9.7	mg/L		
LGW-4	4/26/2007	Chloride	13	mg/L		
LGW-4	5/31/2007	Chloride	19	mg/L		
LGW-4	6/28/2007	Chloride	14	mg/L		
LGW-4	7/11/2007	Chloride	10	mg/L		
LGW-4	8/28/2007	Chloride	20	mg/L		
LGW-4	9/28/2007	Chloride	20	mg/L		
LGW-4	10/24/2007	Chloride	19	mg/L		
LGW-4	11/28/2007	Chloride	21	mg/L		
LGW-4	12/27/2007	Chloride	21	mg/L		
LGW-4	1/22/2008	Chloride	22	mg/L		
LGW-4	2/27/2008	Chloride	14	mg/L		
LGW-4	3/25/2008	Chloride	8.9	mg/L		
LGW-4	5/3/2008	Chloride	6.4	mg/L	14.9	149
LGW-5	8/1/2006	Chloride	13	mg/L		
LGW-5	9/27/2006	Chloride	12	mg/L		
LGW-5	10/26/2006	Chloride	12	mg/L		
LGW-5	11/21/2006	Chloride	12	mg/L		
LGW-5	12/21/2006	Chloride	14	mg/L		
LGW-5	1/25/2007	Chloride	13	mg/L		
LGW-5	2/27/2007	Chloride	13	mg/L		
LGW-5	3/26/2007	Chloride	13	mg/L		
LGW-5	4/26/2007	Chloride	13	mg/L		
LGW-5	5/31/2007	Chloride	14	mg/L		
LGW-5	6/28/2007	Chloride	12	mg/L		
LGW-5	7/11/2007	Chloride	13	mg/L		
LGW-5	8/28/2007	Chloride	14	mg/L		
LGW-5	9/28/2007	Chloride	11	mg/L		
LGW-5	10/24/2007	Chloride	14	mg/L		
LGW-5	11/28/2007	Chloride	13	mg/L		
LGW-5	12/27/2007	Chloride	9.1	mg/L		
LGW-5	1/23/2008	Chloride	9.6	mg/L		
LGW-5	2/28/2008	Chloride	13	mg/L		
LGW-5	3/25/2008	Chloride	12	mg/L		
LGW-5	5/3/2008	Chloride	11	mg/L		
LGW-5	5/29/2008	Chloride	11	mg/L	12.4	124

Well	Date	Constituent	Results	Units	Mean Concentration	Mean Concentration x 10
LGW-6	7/20/2006	Chloride	14	mg/L		
LGW-6	9/27/2006	Chloride	14	mg/L		
LGW-6	10/26/2006	Chloride	14	mg/L		
LGW-6	11/21/2006	Chloride	15	mg/L		
LGW-6	12/21/2006	Chloride	15	mg/L		
LGW-6	1/24/2007	Chloride	13	mg/L		
LGW-6	2/27/2007	Chloride	15	mg/L		
LGW-6	3/26/2007	Chloride	14	mg/L		
LGW-6	4/26/2007	Chloride	13	mg/L		
LGW-6	5/31/2007	Chloride	13	mg/L		
LGW-6	6/28/2007	Chloride	12	mg/L		
LGW-6	7/11/2007	Chloride	13	mg/L		
LGW-6	8/28/2007	Chloride	12	mg/L		
LGW-6	9/27/2007	Chloride	13	mg/L		
LGW-6	10/23/2007	Chloride	13	mg/L		
LGW-6	11/27/2007	Chloride	12	mg/L		
LGW-6	12/27/2007	Chloride	12	mg/L		
LGW-6	1/23/2008	Chloride	12	mg/L		
LGW-6	2/28/2008	Chloride	13	mg/L		
LGW-6	3/25/2008	Chloride	13	mg/L		
LGW-6	5/3/2008	Chloride	15	mg/L		
LGW-6	5/30/2008	Chloride	12	mg/L	13.3	133
LGW-7	8/1/2006	Chloride	13	mg/L		
LGW-7	9/27/2006	Chloride	11	mg/L		
LGW-7	10/26/2006	Chloride	12	mg/L		
LGW-7	11/21/2006	Chloride	12	mg/L		
LGW-7	12/22/2006	Chloride	12	mg/L		
LGW-7	1/24/2007	Chloride	11	mg/L		
LGW-7	2/27/2007	Chloride	16	mg/L		
LGW-7	3/27/2007	Chloride	12	mg/L		
LGW-7	4/26/2007	Chloride	11	mg/L		
LGW-7	6/1/2007	Chloride	13	mg/L		
LGW-7	6/28/2007	Chloride	11	mg/L		
LGW-7	7/12/2007	Chloride	10	mg/L		
LGW-7	8/29/2007	Chloride	9.2	mg/L		
LGW-7	9/28/2007	Chloride	11	mg/L		
LGW-7	10/24/2007	Chloride	10	mg/L		
LGW-7	11/27/2007	Chloride	10	mg/L		
LGW-7	12/27/2007	Chloride	11	mg/L		
LGW-7	1/25/2008	Chloride	11	mg/L		
LGW-7	2/28/2008	Chloride	10	mg/L		
LGW-7	3/25/2008	Chloride	11	mg/L		
LGW-7	5/3/2008	Chloride	10	mg/L		
LGW-7	5/30/2008	Chloride	11	mg/L	11.3	113

Well	Date	Constituent	Results	Units	Mean Concentration	Mean Concentration x 10
LGW-9	7/20/2006	Chloride	17	mg/L		
LGW-9	7/20/2006	Chloride	17	mg/L		
LGW-9	9/27/2006	Chloride	16	mg/L		
LGW-9	10/26/2006	Chloride	17	mg/L		
LGW-9	11/21/2006	Chloride	17	mg/L		
LGW-9	12/21/2006	Chloride	17	mg/L		
LGW-9	1/25/2007	Chloride	17	mg/L		
LGW-9	2/27/2007	Chloride	14	mg/L		
LGW-9	3/26/2007	Chloride	17	mg/L		
LGW-9	4/25/2007	Chloride	16	mg/L		
LGW-9	5/31/2007	Chloride	18	mg/L		
LGW-9	6/28/2007	Chloride	17	mg/L		
LGW-9	7/10/2007	Chloride	16	mg/L		
LGW-9	8/28/2007	Chloride	17	mg/L		
LGW-9	9/28/2007	Chloride	18	mg/L		
LGW-9	10/23/2007	Chloride	17	mg/L		
LGW-9	11/28/2007	Chloride	17	mg/L		
LGW-9	12/27/2007	Chloride	17	mg/L		
LGW-9	1/25/2008	Chloride	16	mg/L		
LGW-9	2/28/2008	Chloride	17	mg/L		
LGW-9	3/25/2008	Chloride	18	mg/L		
LGW-9	5/3/2008	Chloride	18	mg/L		
LGW-9	5/29/2008	Chloride	18	mg/L	16.9	169
MW-15	6/2/2015	Chloride	32	mg/L		
MW-15	6/5/2015	Chloride	29	mg/L		
MW-15	7/15/2015	Chloride	3	mg/L		
MW-15	8/5/2015	Chloride	28	mg/L		
MW-15	9/3/2015	Chloride	29	mg/L		
MW-15	10/6/2015	Chloride	24	mg/L		
MW-15	11/5/2015	Chloride	22	mg/L		
MW-15	12/4/2015	Chloride	35	mg/L		
MW-15	1/7/2016	Chloride	45	mg/L		
MW-15	2/4/2016	Chloride	31	mg/L	27.8	278
MW-16	6/2/2015	Chloride	8.4	mg/L		
MW-16	6/5/2015	Chloride	11	mg/L		
MW-16	7/16/2015	Chloride	11	mg/L		
MW-16	8/5/2015	Chloride	9.6	mg/L		
MW-16	9/3/2015	Chloride	13	mg/L		
MW-16	10/6/2015	Chloride	12	mg/L		
MW-16	11/5/2015	Chloride	13	mg/L		
MW-16	12/4/2015	Chloride	12	mg/L		
MW-16	1/8/2016	Chloride	8.2	mg/L		
MW-16	2/4/2016	Chloride	9.9	mg/L	10.8	108

Well	Date	Constituent	Results	Units	Mean Concentration	Mean Concentration x 10
MW-17	6/2/2015	Chloride	25	mg/L		
MW-17	6/5/2015	Chloride	25	mg/L		
MW-17	7/15/2015	Chloride	23	mg/L		
MW-17	8/4/2015	Chloride	25	mg/L		
MW-17	9/2/2015	Chloride	25	mg/L		
MW-17	10/5/2015	Chloride	18	mg/L		
MW-17	11/5/2015	Chloride	23	mg/L		
MW-17	12/3/2015	Chloride	24	mg/L		
MW-17	1/7/2016	Chloride	6.5	mg/L		
MW-17	2/3/2016	Chloride	10	mg/L	20.5	205
MW-19	6/2/2015	Chloride	15	mg/L		
MW-19	6/5/2015	Chloride	13	mg/L		
MW-19	7/16/2015	Chloride	14	mg/L		
MW-19	8/5/2015	Chloride	6.3	mg/L		
MW-19	9/3/2015	Chloride	8.4	mg/L		
MW-19	10/6/2015	Chloride	5	mg/L		
MW-19	11/5/2015	Chloride	5.5	mg/L		
MW-19	12/4/2015	Chloride	6	mg/L		
MW-19	1/7/2016	Chloride	8.6	mg/L		
MW-19	2/3/2016	Chloride	9.8	mg/L	9.2	92
MW-7N	7/19/2006	Chloride	9.6	mg/L		
MW-7N	9/28/2006	Chloride	8.6	mg/L		
MW-7N	10/24/2006	Chloride	9.2	mg/L		
MW-7N	11/21/2006	Chloride	9.1	mg/L		
MW-7N	12/21/2006	Chloride	9.2	mg/L		
MW-7N	1/26/2007	Chloride	9.3	mg/L		
MW-7N	2/27/2007	Chloride	9.2	mg/L		
MW-7N	3/27/2007	Chloride	8.5	mg/L		
MW-7N	4/25/2007	Chloride	8.3	mg/L		
MW-7N	6/1/2007	Chloride	9.3	mg/L		
MW-7N	6/28/2007	Chloride	8.4	mg/L		
MW-7N	7/10/2007	Chloride	8.8	mg/L		
MW-7N	8/29/2007	Chloride	9.6	mg/L		
MW-7N	9/28/2007	Chloride	10	mg/L		
MW-7N	10/24/2007	Chloride	9.8	mg/L		
MW-7N	11/27/2007	Chloride	9.8	mg/L		
MW-7N	12/27/2007	Chloride	10	mg/L		
MW-7N	1/25/2008	Chloride	9.5	mg/L		
MW-7N	2/28/2008	Chloride	10	mg/L		
MW-7N	3/24/2008	Chloride	10	mg/L		
MW-7N	5/3/2008	Chloride	9.4	mg/L		
MW-7N	5/29/2008	Chloride	9.9	mg/L	9.3	93

Well	Date	Constituent	Results	Units	Mean Concentration	Mean Concentration x 10
LGW-8R	8/29/2008	Chloride	13	mg/L		
LGW-8R	9/25/2008	Chloride	12	mg/L		
LGW-8R	10/21/2008	Chloride	13	mg/L		
LGW-8R	11/25/2008	Chloride	12	mg/L		
LGW-8R	12/19/2008	Chloride	13	mg/L		
LGW-8R	2/4/2009	Chloride	12	mg/L		
LGW-8R	3/26/2009	Chloride	11	mg/L		
LGW-8R	4/16/2009	Chloride	12	mg/L		
LGW-8R	5/28/2009	Chloride	12	mg/L		
LGW-8R	6/25/2009	Chloride	12	mg/L		
LGW-8R	7/29/2009	Chloride	12	mg/L		
LGW-8R	8/28/2009	Chloride	12	mg/L		
LGW-8R	9/29/2009	Chloride	12	mg/L		
LGW-8R	10/21/2009	Chloride	12	mg/L		
LGW-8R	11/24/2009	Chloride	12	mg/L		
LGW-8R	12/17/2009	Chloride	12	mg/L		
LGW-8R	1/27/2010	Chloride	12	mg/L		
LGW-8R	2/15/2010	Chloride	12	mg/L		
LGW-8R	3/3/2010	Chloride	12	mg/L		
LGW-8R	4/7/2010	Chloride	12	mg/L		
LGW-8R	5/5/2010	Chloride	12	mg/L		
LGW-8R	6/16/2010	Chloride	11	mg/L		
LGW-8R	7/14/2010	Chloride	12	mg/L		
LGW-8R	8/10/2010	Chloride	12	mg/L		
LGW-8R	9/2/2010	Chloride	12	mg/L		
LGW-8R	9/29/2010	Chloride	12	mg/L		
LGW-8R	11/3/2010	Chloride	10	mg/L		
LGW-8R	12/2/2010	Chloride	12	mg/L		
LGW-8R	1/20/2011	Chloride	12	mg/L		
LGW-8R	2/7/2011	Chloride	12	mg/L		
LGW-8R	3/3/2011	Chloride	12	mg/L		
LGW-8R	4/5/2011	Chloride	12	mg/L		
LGW-8R	5/10/2011	Chloride	12	mg/L		
LGW-8R	6/1/2011	Chloride	12	mg/L		
LGW-8R	7/12/2011	Chloride	12	mg/L		
LGW-8R	8/3/2011	Chloride	12	mg/L		
LGW-8R	9/7/2011	Chloride	12	mg/L		
LGW-8R	10/5/2011	Chloride	13	mg/L		
LGW-8R	11/1/2011	Chloride	11	mg/L		
LGW-8R	12/8/2011	Chloride	11	mg/L		
LGW-8R	1/5/2012	Chloride	12	mg/L		
LGW-8R	2/1/2012	Chloride	12	mg/L		
LGW-8R	3/7/2012	Chloride	12	mg/L		
LGW-8R	4/5/2012	Chloride	12	mg/L		

Well	Date	Constituent	Results	Units	Mean Concentration	Mean Concentration x 10
LGW-8R	5/1/2012	Chloride	12	mg/L		
LGW-8R	6/5/2012	Chloride	12	mg/L		
LGW-8R	7/9/2012	Chloride	12	mg/L		
LGW-8R	8/9/2012	Chloride	12	mg/L		
LGW-8R	9/4/2012	Chloride	12	mg/L		
LGW-8R	10/7/2012	Chloride	12	mg/L		
LGW-8R	4/30/2013	Chloride	12	mg/L		
LGW-8R	6/4/2013	Chloride	12	mg/L		
LGW-8R	7/15/2013	Chloride	12	mg/L		
LGW-8R	8/8/2013	Chloride	12	mg/L		
LGW-8R	9/10/2013	Chloride	12	mg/L		
LGW-8R	10/1/2013	Chloride	12	mg/L		
LGW-8R	11/6/2013	Chloride	12	mg/L		
LGW-8R	12/2/2013	Chloride	12	mg/L		
LGW-8R	1/22/2014	Chloride	13	mg/L		
LGW-8R	2/12/2014	Chloride	12	mg/L		
LGW-8R	3/11/2014	Chloride	12	mg/L		
LGW-8R	4/2/2014	Chloride	13	mg/L		
LGW-8R	5/7/2014	Chloride	12	mg/L		
LGW-8R	6/3/2014	Chloride	13	mg/L		
LGW-8R	7/8/2014	Chloride	12	mg/L		
LGW-8R	8/5/2014	Chloride	13	mg/L		
LGW-8R	9/4/2014	Chloride	12	mg/L		
LGW-8R	10/9/2014	Chloride	12	mg/L		
LGW-8R	11/3/2014	Chloride	13	mg/L		
LGW-8R	1/14/2015	Chloride	13	mg/L		
LGW-8R	2/11/2015	Chloride	13	mg/L		
LGW-8R	3/3/2015	Chloride	13	mg/L		
LGW-8R	4/1/2015	Chloride	13	mg/L		
LGW-8R	5/6/2015	Chloride	14	mg/L		
LGW-8R	6/3/2015	Chloride	12	mg/L		
LGW-8R	7/22/2015	Chloride	12	mg/L		
LGW-8R	8/4/2015	Chloride	12	mg/L		
LGW-8R	9/3/2015	Chloride	11	mg/L		
LGW-8R	10/6/2015	Chloride	11	mg/L		
LGW-8R	11/4/2015	Chloride	13	mg/L		
LGW-8R	12/3/2015	Chloride	14	mg/L		
LGW-8R	1/5/2016	Chloride	14	mg/L		
LGW-8R	2/3/2016	Chloride	13	mg/L	12.2	122

ATTACHMENT E

Leachate Collection System and Leak Detection System
Daily Volume and Rate Data

		CELL 1 LCS			CELL 1 LDS					150	60	
Date	Day of Week	Liquid Level (inches)	Flow meter reading (gallons)	Gallons Removed	Sump Liquid Level (inches)	Flow meter reading (gallons)	Tank Liquid Level (inches) *90" Max.*	LDS Daily Pump (gal)	LDS Flow Rate Avg. (gal/acre)	LDS Flow Rate 3-Day Avg. (gal/acre/day)	LDS Flow Rate 14-Day Avg. (gal/acre/day)	Comments
10/1/23	Sun	14.4	7761	3,083	30.3	171,411	21.8	0	0.00			
10/2/23	Mon	16.7	10844	1,805	30.4	171,411	21.8	0	0.00			
10/3/23	Tue	22.9	12649	2,358	30.6	171,411	21.8	0	0.00	0.00		
10/4/23	Wed	17	15007	3,204	30.8	171,411	21.8	0	0.00			
10/5/23	Thu	18.4	18211	1,823	31.0	171,411	21.8	0	0.00			
10/6/23	Fri	13.4	20034	5,247	31.1	171,411	21.8	0	0.00	0.00		
10/7/23	Sat	13.4	25281	5,247	31.1	171,411	21.8	0	0.00			
10/8/23	Sun	13.4	30528	5,247	31.1	171,411	21.8	0	0.00			
10/9/23	Mon	8.1	35775	820	30.9	171,411	21.8	0	0.00	0.00		
10/10/23	Tue	9.3	36595	0	30.9	171,411	21.8	0	0.00			
10/11/23	Wed	9.5	36595	0	31.0	171,411	21.8	0	0.00			
10/12/23	Thu	10.2	36595	0	31.1	171,411	21.8	0	0.00	0.00	0.00	
10/13/23	Fri	15.3	36595	0	31.1	171,411	21.8	0	0.00			
10/14/23	Sat	15.3	36595	0	31.1	171,411	21.8	0	0.00			
10/15/23	Sun	15.3	36595	0	31.1	171,411	21.8	0	0.00	0.00		
10/16/23	Mon	20.7	36595	0	30.9	171,411	21.8	0	0.00			
10/17/23	Tue	24.4	36595	0	31.0	171,411	21.8	0	0.00			
10/18/23	Wed	26.2	36595	0	31.2	171,411	21.8	0	0.00	0.00		
10/19/23	Thu	27	36595	0	31.6	171,411	21.8	0	0.00			
10/20/23	Fri	28.1	36595	0	31.6	171,411	21.8	0	0.00			
10/21/23	Sat	28.1	36595	0	31.6	171,411	21.8	0	0.00	0.00		
10/22/23	Sun	28.1	36595	0	31.6	171,411	21.8	0	0.00			
10/23/23	Mon	31.1	36595	1,060	31.5	171,411	21.8	0	0.00			
10/24/23	Tue	30.2	37655	0	31.4	171,411	21.8	0	0.00	0.00		
10/25/23	Wed	30.7	37655	1,976	31.4	171,411	21.8	0	0.00			
10/26/23	Thu	31.2	39631	0	31.3	171,411	21.8	0	0.00		0.00	
10/27/23	Fri	29.8	39631	464	31.3	171,411	21.8	0	0.00	0.00		
10/28/23	Sat	29.8	40095	464	31.3	171,411	21.8	0	0.00			
10/29/23	Sun	29.8	40559	464	31.3	171,411	21.8	0	0.00			
10/30/23	Mon	29.9	41023	288	31.0	171,411	21.8	0	0.00	0.00		
10/31/23	Tue	30.5	41311	1,158	31.0	171,411	21.8	0	0.00			

		CELL 2 LCS			CELL 2 LDS					150	60	
Date	Day of Week	Liquid Level (inches)	Flow meter reading (gallons)	Gallons Removed	Sump Liquid Level (inches)	Flow meter reading (gallons)	Tank Liquid Level (inches)	LDS Daily Pump (gal)	LDS Flow Rate Avg. (gal/acre)	LDS Flow Rate 3-Day Avg. (gal/acre/day)	LDS Flow Rate 14-Day Avg. (gal/acre/day)	Comments
10/1/23	Sun	19.2	27494	0	29.6	11,150	20.9	0	0.00			
10/2/23	Mon	20	27494	0	29.9	11,150	20.9	0	0.00	0.00	0.00	
10/3/23	Tue	20.7	27494	0	29.7	11,150	20.9	0	0.00			
10/4/23	Wed	21	27494	0	29.8	11,150	20.9	0	0.00			
10/5/23	Thu	21.1	27494	0	29.9	11,150	20.9	0	0.00	0.00		
10/6/23	Fri	21.3	27494	0	29.9	11,150	20.9	0	0.00			
10/7/23	Sat	21.3	27494	0	29.9	11,150	20.9	0	0.00			
10/8/23	Sun	21.3	27494	0	29.9	11,150	20.9	0	0.00	0.00		
10/9/23	Mon	21.5	27494	0	30.1	11,150	20.9	0	0.00			
10/10/23	Tue	21.7	27494	0	30.2	11,150	20.9	0	0.00			
10/11/23	Wed	21.8	27494	0	30.0	11,150	20.9	0	0.00	0.00		
10/12/23	Thu	22	27494	0	30.1	11,150	20.9	0	0.00			
10/13/23	Fri	22.1	27494	0	30.0	11,150	20.9	0	0.00			
10/14/23	Sat	22.1	27494	0	30.0	11,150	20.9	0	0.00	0.00		
10/15/23	Sun	22.1	27494	0	30.0	11,150	20.9	0	0.00			
10/16/23	Mon	23	27494	0	29.7	11,150	20.9	0	0.00		0.00	
10/17/23	Tue	23.2	27494	0	29.6	11,150	20.9	0	0.00	0.00		
10/18/23	Wed	23.5	27494	0	29.5	11,150	20.9	0	0.00			
10/19/23	Thu	23.6	27494	0	29.3	11,150	20.9	0	0.00			
10/20/23	Fri	23.7	27494	0	29.4	11,150	20.9	0	0.00	0.00		
10/21/23	Sat	23.7	27494	0	29.4	11,150	20.9	0	0.00			
10/22/23	Sun	23.7	27494	419	29.4	11,150	20.9	0	0.00			
10/23/23	Mon	19.2	27913	0	29.3	11,150	20.9	0	0.00	0.00		
10/24/23	Tue	20	27913	0	29.2	11,150	20.9	0	0.00			
10/25/23	Wed	20.3	27913	0	29.2	11,150	20.9	0	0.00			
10/26/23	Thu	20.7	27913	0	29.3	11,150	20.9	0	0.00	0.00		
10/27/23	Fri	21	27913	0	29.4	11,150	20.9	0	0.00			
10/28/23	Sat	21	27913	0	29.4	11,150	20.9	0	0.00			
10/29/23	Sun	21	27913	0	29.4	11,150	20.9	0	0.00	0.00		
10/30/23	Mon	21.3	27913	0	29.1	11,150	20.9	0	0.00		0.00	
10/31/23	Tue	21.5	27913	0	29.2	11,150	20.9	0	0.00			

		CELL 3 LCS			CELL 3 LDS					150	60	
Date	Day of Week	Liquid Level (inches)	Flow meter reading (gallons)	Gallons Removed	Sump Liquid Level (inches)	Flow meter reading (gallons)	Tank Liquid Level (inches)	LDS Daily Pump (gal)	LDS Flow Rate Avg. (gal/acre)	LDS Flow Rate 3-Day Avg. (gal/acre/day)	LDS Flow Rate 14-Day Avg. (gal/acre/day)	Comments
10/1/23	Sun	28.4	123009	0	31.2	39	33.7	0	0.00	0.00		
10/2/23	Mon	28.7	123009	6,668	31.3	39	33.7	0	0.00			
10/3/23	Tue	18.1	129677	7,560	31.4	39	33.7	0	0.00			
10/4/23	Wed	18.5	137237	0	31.4	39	33.7	0	0.00	0.00		
10/5/23	Thu	18.7	137237	0	31.5	39	33.7	0	0.00		0.00	
10/6/23	Fri	18.8	137237	0	31.6	39	33.7	0	0.00			
10/7/23	Sat	18.8	137237	0	31.6	39	33.7	0	0.00	0.00		
10/8/23	Sun	18.8	137237	0	31.6	39	33.7	0	0.00			
10/9/23	Mon	22.8	137237	0	31.2	39	33.7	0	0.00			
10/10/23	Tue	23.5	137237	0	31.2	39	33.7	0	0.00	0.00		
10/11/23	Wed	24.1	137237	0	31.0	39	33.7	0	0.00			
10/12/23	Thu	24.5	137237	0	31.0	39	33.7	0	0.00			
10/13/23	Fri	25	137237	0	30.9	39	33.7	0	0.00	0.00		
10/14/23	Sat	25	137237	0	30.9	39	33.7	0	0.00			
10/15/23	Sun	25	137237	0	30.9	39	33.7	0	0.00			
10/16/23	Mon	26.2	137237	0	30.2	39	33.7	0	0.00	0.00		
10/17/23	Tue	26.7	137237	0	30.1	39	33.7	0	0.00			
10/18/23	Wed	26.9	137237	0	30.0	39	33.7	0	0.00			
10/19/23	Thu	27.4	137237	0	29.9	39	33.7	0	0.00	0.00	0.00	
10/20/23	Fri	27.8	137237	0	29.9	39	33.7	0	0.00			
10/21/23	Sat	27.8	137237	0	29.9	39	33.7	0	0.00			
10/22/23	Sun	27.8	137237	0	29.9	39	33.7	0	0.00	0.00		
10/23/23	Mon	28.2	137237	0	30.2	39	33.7	0	0.00			
10/24/23	Tue	28.2	137237	0	30.2	39	33.7	0	0.00			
10/25/23	Wed	28.4	137237	0	30.1	39	33.7	0	0.00	0.00		
10/26/23	Thu	28.5	137237	0	30.0	39	33.7	0	0.00			
10/27/23	Fri	28.6	137237	0	30.0	39	33.7	0	0.00			
10/28/23	Sat	28.6	137237	0	30.0	39	33.7	0	0.00	0.00		
10/29/23	Sun	28.6	137237	0	30.0	39	33.7	0	0.00			
10/30/23	Mon	28.9	137237	0	29.9	39	33.7	0	0.00			
10/31/23	Tue	29.1	137237	0	29.8	39	33.7	0	0.00	0.00		

		CELL 4 LCS			CELL 4 LDS					150	60	
Date	Day of Week	Liquid Level (inches)	Flow meter reading (gallons)	Gallons Removed	Sump Liquid Level (inches)	Flow meter reading (gallons)	Tank Liquid Level (inches)	LDS Daily Pump (gal)	LDS Flow Rate Avg. (gal/acre)	LDS Flow Rate 3-Day Avg. (gal/acre/day)	LDS Flow Rate 14-Day Avg. (gal/acre/day)	Comments
10/1/23	Sun	17.4	981694	1,230	29.9	7,723	18.2	0	0.00			
10/2/23	Mon	18	982924	1,050	30.2	7,723	18.2	0	0.00	0.00		
10/3/23	Tue	18	983974	1,133	30.4	7,723	18.2	0	0.00			
10/4/23	Wed	18.2	985107	1,256	30.8	7,723	18.2	630	81.40			
10/5/23	Thu	17.6	986363	1,287	25.6	8,353	20.3	0	0.00	27.13		
10/6/23	Fri	18	987650	1,146	25.8	8,353	20.3	0	0.00			
10/7/23	Sat	18	988796	1,146	25.8	8,353	20.3	0	0.00			
10/8/23	Sun	18	989942	1,147	25.8	8,353	20.3	0	0.00	0.00		
10/9/23	Mon	14.2	991089	1,364	28.2	8,353	20.3	0	0.00			
10/10/23	Tue	18	992453	1,306	28.6	8,353	20.3	0	0.00			
10/11/23	Wed	18.1	993759	1,243	28.5	8,353	20.3	0	0.00	0.00	9.07	
10/12/23	Thu	17.6	995002	784	28.7	8,353	20.3	0	0.00			
10/13/23	Fri	18	995786	1,172	28.8	8,353	20.3	0	0.00			
10/14/23	Sat	18	996958	1,172	28.8	8,353	20.3	0	0.00	0.00		
10/15/23	Sun	18	998130	1,173	28.8	8,353	20.3	0	0.00			
10/16/23	Mon	17.4	999303	0	29.0	8,353	20.3	0	0.00			
10/17/23	Tue	17.8	477	1,229	29.2	8,353	20.3	0	0.00	0.00		LCS Meter rolled past 1 million
10/18/23	Wed	17.9	1706	1,100	29.3	8,353	20.3	0	0.00			
10/19/23	Thu	18.2	2806	1,404	29.7	8,353	20.3	0	0.00			
10/20/23	Fri	17.6	4210	1,075	30.0	8,353	20.3	0	0.00	0.00		
10/21/23	Sat	17.6	5285	1,075	30.0	8,353	20.3	0	0.00			
10/22/23	Sun	17.6	6360	1,076	30.0	8,353	20.3	0	0.00			
10/23/23	Mon	18.1	7436	1,126	30.2	8,353	20.3	0	0.00	0.00		
10/24/23	Tue	18.6	8562	1,105	30.3	8,353	20.3	0	0.00			
10/25/23	Wed	18	9667	1,020	30.5	8,353	20.3	0	0.00		0.00	
10/26/23	Thu	17.8	10687	1,153	30.5	8,353	20.3	0	0.00	0.00		
10/27/23	Fri	18.6	11840	1,162	30.7	8,353	20.3	0	0.00			
10/28/23	Sat	18.6	13002	1,162	30.7	8,353	20.3	0	0.00			
10/29/23	Sun	18.6	14164	1,164	30.7	8,353	20.3	0	0.00	0.00		
10/30/23	Mon	18	15328	791	31.2	8,353	20.3	0	0.00			
10/31/23	Tue	18.1	16119	1,292	31.6	8,353	20.3	0	0.00			

		CELL 5 LCS			CELL 5 LDS					150	60	
Date	Day of Week	Liquid Level (inches)	Flow meter reading (gallons)	Gallons Removed	Sump Liquid Level (inches)	Flow meter reading (gallons)	Tank Liquid Level (inches)	LDS Daily Pump (gal)	LDS Flow Rate Avg. (gal/acre)	LDS Flow Rate 3-Day Avg. (gal/acre/day)	LDS Flow Rate 14-Day Avg. (gal/acre/day)	Comments
10/1/2023	Sun	31.2	4656341	8300	16.9	8297	26	0	0.00			
10/2/2023	Mon	29.9	4664641	7064	17.1	8297	26	0	0.00		0.00	
10/3/2023	Tue	33.2	4671705	12405	17	8297	26	0	0.00	0.00		
10/4/2023	Wed	30.9	4684110	13014	17.1	8297	26	0	0.00			
10/5/2023	Thu	29.7	4697124	3266	17.2	8297	26	0	0.00			
10/6/2023	Fri	34.3	4700390	13156	17.2	8297	26	0	0.00	0.00		
10/7/2023	Sat	34.3	4713546	13156	17.2	8297	26	0	0.00			
10/8/2023	Sun	34.3	4726702	13157	17.2	8297	26	0	0.00			
10/9/2023	Mon	29.7	4739859	11712	17	8297	26	0	0.00	0.00		
10/10/2023	Tue	30.9	4751571	5304	17.1	8297	26	0	0.00			
10/11/2023	Wed	34.4	4756875	14287	17.2	8297	26	0	0.00			
10/12/2023	Thu	30.6	4771162	6789	17	8297	26	0	0.00	0.00		
10/13/2023	Fri	32.6	4777951	3181	17	8297	26	0	0.00			
10/14/2023	Sat	32.6	4781132	3181	17	8297	26	0	0.00			
10/15/2023	Sun	32.6	4784313	3182	17	8297	26	0	0.00	0.00		
10/16/2023	Mon	35.2	4787495	10886	17.1	8297	26	0	0.00		0.00	
10/17/2023	Tue	32.1	4798381	9117	17.2	8297	26	0	0.00			
10/18/2023	Wed	34.1	4807498	5046	17.2	8297	26	0	0.00	0.00		
10/19/2023	Thu	36	4812544	16487	17.1	8297	26	0	0.00			
10/20/2023	Fri	35.2	4829031	4025	17.2	8297	26	0	0.00			
10/21/2023	Sat	35.2	4833056	4025	17.2	8297	26	0	0.00	0.00		
10/22/2023	Sun	35.2	4837081	4025	17.2	8297	26	0	0.00			
10/23/2023	Mon	35.9	4841106	13619	17.1	8297	26	0	0.00			
10/24/2023	Tue	35.2	4854725	8607	17.1	8297	26	0	0.00	0.00		
10/25/2023	Wed	32.9	4863332	7879	17	8297	26	0	0.00			
10/26/2023	Thu	33.5	4871211	5379	17	8297	26	0	0.00			
10/27/2023	Fri	34.3	4876590	10643	17.2	8297	26	0	0.00	0.00		
10/28/2023	Sat	34.3	4887233	10643	17.2	8297	26	0	0.00			
10/29/2023	Sun	34.3	4897876	10645	17.2	8297	26	0	0.00			
10/30/2023	Mon	12.1	4908521	4080	16.9	8297	26	0	0.00	0.00	0.00	
10/31/2023	Tue	14.4	4912601	6241	17	8297	26	0	0.00			

		CELL 6 LCS			CELL 6 LDS					150	60	
Date	Day of Week	Liquid Level (inches)	Flow meter reading (gallons)	Gallons Removed	Sump Liquid Level (inches)	Flow meter reading (gallons)	Tank Liquid Level (inches)	LDS Daily Pump (gal)	LDS Flow Rate Avg. (gal/acre)	LDS Flow Rate 3-Day Avg. (gal/acre/day)	LDS Flow Rate 14-Day Avg. (gal/acre/day)	Comments
10/1/2023	Sun	18.2	1447264	1725	16.6	2863	42	0	0.00			
10/2/2023	Mon	17.5	1448989	502	16.8	2863	42	0	0.00			
10/3/2023	Tue	16.9	1449491	790	16.9	2863	42	0	0.00	0.00		
10/4/2023	Wed	13.9	1450281	1252	17	2863	42	18	4.74			
10/5/2023	Thu	12.4	1451533	1646	17.1	2881	42.3	0	0.00		0.34	
10/6/2023	Fri	13.8	1453179	881	16.6	2881	42.3	0	0.00	1.58		
10/7/2023	Sat	13.8	1454060	881	16.6	2881	42.3	0	0.00			
10/8/2023	Sun	13.8	1454941	881	16.6	2881	42.3	0	0.00			
10/9/2023	Mon	15.1	1455822	829	16.3	2881	42.3	0	0.00	0.00		
10/10/2023	Tue	19.8	1456651	804	16.4	2881	42.3	0	0.00			
10/11/2023	Wed	22.5	1457455	794	16.5	2881	42.3	0	0.00			
10/12/2023	Thu	17	1458249	512	16.3	2881	42.3	0	0.00	0.00		
10/13/2023	Fri	16.5	1458761	653	16.3	2881	42.3	0	0.00			
10/14/2023	Sat	16.5	1459414	653	16.3	2881	42.3	0	0.00			
10/15/2023	Sun	16.5	1460067	655	16.3	2881	42.3	0	0.00	0.00		
10/16/2023	Mon	12.3	1460722	481	16.2	2881	42.3	0	0.00			
10/17/2023	Tue	16.2	1461203	720	16.4	2881	42.3	0	0.00			
10/18/2023	Wed	13.2	1461923	482	16.5	2881	42.3	0	0.00	0.00		
10/19/2023	Thu	17.5	1462405	712	16.7	2881	42.3	0	0.00		0.00	
10/20/2023	Fri	19.8	1463117	637	16.6	2881	42.3	0	0.00			
10/21/2023	Sat	19.8	1463754	637	16.6	2881	42.3	0	0.00	0.00		
10/22/2023	Sun	19.8	1464391	638	16.6	2881	42.3	0	0.00			
10/23/2023	Mon	13.4	1465029	475	16.8	2881	42.3	0	0.00			
10/24/2023	Tue	15.1	1465504	865	16.7	2881	42.3	0	0.00	0.00		
10/25/2023	Wed	14.9	1466369	628	16.8	2881	42.3	0	0.00			
10/26/2023	Thu	16.2	1466997	481	16.8	2881	42.3	0	0.00			
10/27/2023	Fri	23.1	1467478	1885	16.6	2881	42.3	0	0.00	0.00		
10/28/2023	Sat	23.1	1469363	1885	16.6	2881	42.3	0	0.00			
10/29/2023	Sun	23.1	1471248	1886	16.6	2881	42.3	0	0.00			
10/30/2023	Mon	15.2	1473134	1595	16.7	2881	42.3	0	0.00	0.00		
10/31/2023	Tue	13.1	1474729	1235	16.8	2881	42.3	0	0.00			

		CELL 7 LCS			CELL 7 LDS					150	60	
Date	Day of Week	Liquid Level (inches)	Flow meter reading (gallons)	Gallons Removed	Sump Liquid Level (inches)	Flow meter reading (gallons)	Tank Liquid Level (inches)	LDS Daily Pump (gal)	LDS Flow Rate Avg. (gal/acre)	LDS Flow Rate 3-Day Avg. (gal/acre/day)	LDS Flow Rate 14-Day Avg. (gal/acre/day)	Comments
10/1/2023	Sun	1	2007899	1592	26.1	4073	16.5	0	0.00	0.00		
10/2/2023	Mon	3.1	2009491	1365	26.2	4073	16.5	0	0.00			
10/3/2023	Tue	2.9	2010856	1402	26.3	4073	16.5	0	0.00			
10/4/2023	Wed	4.1	2012258	1707	26.5	4073	16.5	0	0.00	0.00	0.00	
10/5/2023	Thu	0.9	2013965	2018	26.6	4073	16.5	0	0.00			
10/6/2023	Fri	1.7	2015983	1732	26.6	4073	16.5	0	0.00			
10/7/2023	Sat	1.7	2017715	1732	26.6	4073	16.5	0	0.00	0.00		
10/8/2023	Sun	1.7	2019447	1734	26.6	4073	16.5	1	0.14			
10/9/2023	Mon	1	2021181	2066	26.7	4074	16.5	0	0.00			
10/10/2023	Tue	2.4	2023247	1997	26.7	4074	16.5	0	0.00	0.05		
10/11/2023	Wed	2	2025244	1868	26.6	4074	16.5	0	0.00			
10/12/2023	Thu	2.3	2027112	1251	26.6	4074	16.5	0	0.00			
10/13/2023	Fri	3.5	2028363	1747	26.5	4074	16.5	0	0.00	0.00		
10/14/2023	Sat	3.5	2030110	1747	26.5	4074	16.5	0	0.00			
10/15/2023	Sun	3.5	2031857	1749	26.5	4074	16.5	0	0.00			
10/16/2023	Mon	2.3	2033606	1655	26.4	4074	16.5	0	0.00	0.00		
10/17/2023	Tue	2	2035261	1798	26.3	4074	16.5	0	0.00			
10/18/2023	Wed	2.2	2037059	1595	26.4	4074	16.5	0	0.00		0.01	
10/19/2023	Thu	1	2038654	1955	26.3	4074	16.5	0	0.00	0.00		
10/20/2023	Fri	2	2040609	1570	26.5	4074	16.5	0	0.00			
10/21/2023	Sat	2	2042179	1570	26.5	4074	16.5	0	0.00			
10/22/2023	Sun	2	2043749	1572	26.5	4074	16.5	0	0.00	0.00		
10/23/2023	Mon	2.5	2045321	1578	26.7	4074	16.5	0	0.00			
10/24/2023	Tue	1.5	2046899	1265	26.7	4074	16.5	0	0.00			
10/25/2023	Wed	3.2	2048164	1256	26.9	4074	16.5	0	0.00	0.00		
10/26/2023	Thu	1.9	2049420	2349	26.8	4074	16.5	0	0.00			
10/27/2023	Fri	1	2051769	1939	27	4074	16.5	0	0.00			
10/28/2023	Sat	1	2053708	1939	27	4074	16.5	0	0.00	0.00		
10/29/2023	Sun	1	2055647	1939	27	4074	16.5	0	0.00			
10/30/2023	Mon	2.6	2057586	1552	27.6	4074	16.5	0	0.00			
10/31/2023	Tue	2.3	2059138	1873	27.8	4074	16.5	0	0.00	0.00		

		CELL 8 LCS			CELL 8 LDS					150	60	
Date	Day of Week	Liquid Level (inches)	Flow meter reading (gallons)	Gallons Removed	Sump Liquid Level (inches)	Flow meter reading (gallons)	Tank Liquid Level (inches)	LDS Daily Pump (gal)	LDS Flow Rate Avg. (gal/acre)	LDS Flow Rate 3-Day Avg. (gal/acre/day)	LDS Flow Rate 14-Day Avg. (gal/acre/day)	Comments
10/1/2023	Sun	9	2079616	3620	28.3	10918	54	0	0.00	0.00		
10/2/2023	Mon	1.7	2083236	1050	29.6	10918	54	0	0.00			
10/3/2023	Tue	2.6	2084286	1285	31.1	10918	54	486	61.52			
10/4/2023	Wed	6.8	2085571	1192	26.9	11404	58.2	673	85.19	48.90	10.48	
10/5/2023	Thu	8.4	2086763	1183	23.4	12077	62.6	0	0.00			
10/6/2023	Fri	10.2	2087946	1299	23.8	12077	62.6	0	0.00			
10/7/2023	Sat	10.2	2089245	1299	23.8	12077	62.6	0	0.00	0.00		
10/8/2023	Sun	10.2	2090544	1300	23.8	12077	62.6	0	0.00			
10/9/2023	Mon	8.4	2091844	1456	26.2	12077	62.6	0	0.00			
10/10/2023	Tue	7.4	2093300	1601	26.7	12077	62.6	0	0.00	0.00		
10/11/2023	Wed	4.5	2094901	1363	27.5	12077	62.6	0	0.00			
10/12/2023	Thu	11.1	2096264	1006	28.1	12077	62.6	0	0.00			
10/13/2023	Fri	9.8	2097270	1378	28.6	12077	62.6	0	0.00	0.00		
10/14/2023	Sat	9.8	2098648	1378	28.6	12077	62.6	0	0.00			
10/15/2023	Sun	9.8	2100026	1379	28.6	12077	62.6	0	0.00			
10/16/2023	Mon	10.3	2101405	1375	30.2	12077	62.6	0	0.00	0.00		
10/17/2023	Tue	10	2102780	1479	32.3	12077	62.6	0	0.00			
10/18/2023	Wed	10.2	2104259	1287	33.4	12077	62.6	456	57.72		4.12	
10/19/2023	Thu	11.8	2105546	1619	26.2	12533	63.8	358	45.32	34.35		
10/20/2023	Fri	10.6	2107165	1227	27.7	12891	63.8	439	55.57			
10/21/2023	Sat	10.6	2108392	1227	26.3	13330	63.8	439	55.57			
10/22/2023	Sun	10.6	2109619	1228	26.3	13769	63.8	440	55.70	55.61		
10/23/2023	Mon	10	2110847	1196	24.6	14209	63.8	0	0.00			
10/24/2023	Tue	11.1	2112043	1180	24.9	14209	63.8	0	0.00			
10/25/2023	Wed	10.7	2113223	1186	25.1	14209	63.8	0	0.00	0.00		
10/26/2023	Thu	11.5	2114409	1362	25.3	14209	63.8	0	0.00			
10/27/2023	Fri	11.7	2115771	1397	25.8	14209	63.8	0	0.00			
10/28/2023	Sat	11.7	2117168	1397	25.8	14209	63.8	0	0.00	0.00		
10/29/2023	Sun	11.7	2118565	1397	25.8	14209	63.8	0	0.00			
10/30/2023	Mon	11.4	2119962	1166	26.6	14209	63.8	0	0.00			
10/31/2023	Tue	10.1	2121128	1382	26.9	14209	63.8	868	109.87	36.62		

		CELL 9 LCS			CELL 9 LDS				150	60	
Date	Day of Week	Liquid Level (inches)	Flow meter reading (gallons)	Gallons Removed	Sump Liquid Level (inches)	Flow meter reading (gallons)	LDS Daily Pump (gal)	LDS Flow Rate Avg. (gal/acre)	LDS Flow Rate 3-Day Avg. (gal/acre/day)	LDS Flow Rate 14-Day Avg. (gal/acre/day)	Comments
10/1/2023	Sun	10.5	12465288	5074	31	40522	500	48.54	48.54		
10/2/2023	Mon	11.3	12470362	4286	32.1	41022	1033	100.29			
10/3/2023	Tue	10.7	12474648	4363	30.4	42055	681	66.12			
10/4/2023	Wed	11	12479011	6533	33	42736	875	84.95	83.79		
10/5/2023	Thu	12.1	12485544	7324	29.7	43611	612	59.42			
10/6/2023	Fri	11.8	12492868	5035	30.3	44223	220	21.36			
10/7/2023	Sat	11.8	12497903	5035	30.3	44443	220	21.36	34.05		
10/8/2023	Sun	11.8	12502938	5037	30.3	44663	220	21.36			
10/9/2023	Mon	12.1	12507975	5852	30.9	44883	0	0.00			
10/10/2023	Tue	11.8	12513827	5486	30	44883	0	0.00	7.12		
10/11/2023	Wed	10	12519313	5093	30.4	44883	0	0.00			
10/12/2023	Thu	11.1	12524406	3414	30.5	44883	0	0.00			
10/13/2023	Fri	11.6	12527820	4541	30.8	44883	0	0.00	0.00	33.71	
10/14/2023	Sat	11.6	12532361	4541	30.8	44883	0	0.00			
10/15/2023	Sun	11.6	12536902	4541	30.8	44883	0	0.00			
10/16/2023	Mon	12.1	12541443	4377	31.6	44883	0	0.00	0.00		
10/17/2023	Tue	12	12545820	4812	32.4	44883	228	22.14			
10/18/2023	Wed	11.2	12550632	4234	33.3	45111	286	27.77			
10/19/2023	Thu	11.5	12554866	5192	34	45397	514	49.90	33.27		
10/20/2023	Fri	12.1	12560058	4068	33.6	45911	400	38.83			
10/21/2023	Sat	12.1	12564126	4068	33.6	46311	400	38.83			
10/22/2023	Sun	12.1	12568194	4070	33.6	46711	400	38.83	38.83		
10/23/2023	Mon	11.8	12572264	4082	34.7	47111	313	30.39			
10/24/2023	Tue	12.2	12576346	4115	32.8	47424	577	56.02			
10/25/2023	Wed	11.7	12580461	5133	33.4	48001	668	64.85	50.42		
10/26/2023	Thu	12.3	12585594	4684	31.6	48669	503	48.83			
10/27/2023	Fri	11.5	12590278	5978	32	49172	831	80.68		35.51	
10/28/2023	Sat	11.5	12596256	5978	32	50003	831	80.68	70.06		
10/29/2023	Sun	11.5	12602234	5978	32	50834	831	80.68			
10/30/2023	Mon	12.2	12608212	4010	30.1	51665	400	38.83			
10/31/2023	Tue	12.1	12612222	4601	26.4	52065	1054	102.33	73.95		

	CELL 10 LCS			CELL 10 LDS				150	60	
Date	Day of Week	Liquid Level (inches)	Flow meter reading (gallons)	Gallons Removed	Sump Liquid Level (inches)	Flow meter reading (gallons)	LDS Daily Pump (gal)	LDS Flow Rate Avg. (gal/acre)	LDS Flow Rate 3-Day Avg. (gal/acre/day)	LDS Flow Rate 14-Day Avg. (gal/acre/day)	Comments
10/1/2023	Sun	14.5	18880288	5953	24.2	200939	324	44.38	52.69		
10/2/2023	Mon	13.9	18886241	4918	26.3	201263	511	70.00			
10/3/2023	Tue	10.4	18891159	9292	25.9	201774	533	73.01			
10/4/2023	Wed	12.1	18900451	6798	28.4	202307	599	82.05	75.02		
10/5/2023	Thu	11.8	18907249	12422	28.9	202906	305	41.78			
10/6/2023	Fri	12.1	18919671	7643	29.4	203211	476	65.21			
10/7/2023	Sat	12.1	18927314	7643	29.4	203687	476	65.21	57.40		
10/8/2023	Sun	12.1	18934957	7645	29.4	204163	478	65.48			
10/9/2023	Mon	11.3	18942602	8569	26.2	204641	509	69.73			
10/10/2023	Tue	11.6	18951171	7639	24.1	205150	219	30.00	55.07		
10/11/2023	Wed	12	18958810	6878	24.2	205369	230	31.51			
10/12/2023	Thu	12.1	18965688	10512	23.8	205599	322	44.11			
10/13/2023	Fri	11.9	18976200	3615	23.9	205921	0	0.00	25.21	52.81	
10/14/2023	Sat	11.9	18979815	3615	23.9	205921	0	0.00			
10/15/2023	Sun	11.9	18983430	3616	23.9	205921	0	0.00			
10/16/2023	Mon	11.4	18987046	5077	24.7	205921	0	0.00	0.00		
10/17/2023	Tue	12.2	18992123	5898	25.1	205921	0	0.00			
10/18/2023	Wed	11.6	18998021	5193	26.2	205921	345	47.26			
10/19/2023	Thu	11.8	19003214	6114	23.1	206266	0	0.00	15.75		
10/20/2023	Fri	11.9	19009328	4828	23.3	206266	0	0.00			
10/21/2023	Sat	11.9	19014156	4828	23.3	206266	0	0.00			
10/22/2023	Sun	11.9	19018984	4828	23.3	206266	0	0.00	0.00		
10/23/2023	Mon	12.1	19023812	4815	24.2	206266	0	0.00			
10/24/2023	Tue	11.7	19028627	4024	24.3	206266	0	0.00			
10/25/2023	Wed	12.6	19032651	6233	25.6	206266	0	0.00	0.00		
10/26/2023	Thu	12.2	19038884	5769	26.3	206266	0	0.00			
10/27/2023	Fri	11.7	19044653	7326	26.6	206266	281	38.49		6.13	
10/28/2023	Sat	11.7	19051979	7326	26.6	206547	281	38.49	25.66		
10/29/2023	Sun	11.7	19059305	7327	26.6	206828	283	38.77			
10/30/2023	Mon	11.5	19066632	5815	23.8	207111	384	52.60			
10/31/2023	Tue	11.1	19072447	5966	25.5	207495	512	70.14	53.84		

		CELL 11 LCS			CELL 11 LDS				150	60	
Date	Day of Week	Liquid Level (inches)	Flow meter reading (gallons)	Gallons Removed	Sump Liquid Level (inches)	Flow meter reading (gallons)	LDS Daily Pump (gal)	LDS Flow Rate Avg. (gal/acre)	LDS Flow Rate 3-Day Avg. (gal/acre/day)	LDS Flow Rate 14-Day Avg. (gal/acre/day)	Comments
10/1/2023	Sun	12	19948195	9723	13.3	18775	174	23.51	23.51		
10/2/2023	Mon	12.2	19957918	2615	14.2	18949	0	0.00			
10/3/2023	Tue	12.1	19960533	2965	14.9	18949	0	0.00			
10/4/2023	Wed	11.8	19963498	4128	15.6	18949	302	40.81	13.60		
10/5/2023	Thu	12	19967626	5808	13.3	19251	0	0.00			
10/6/2023	Fri	11.9	19973434	3677	13.4	19251	0	0.00		56.36	
10/7/2023	Sat	11.9	19977111	3677	13.4	19251	0	0.00	0.00		
10/8/2023	Sun	11.9	19980788	3678	13.4	19251	0	0.00			
10/9/2023	Mon	12	19984466	3976	16.9	19251	412	55.68			
10/10/2023	Tue	11.7	19988442	3526	15.4	19663	348	47.03	34.23		
10/11/2023	Wed	11.5	19991968	3212	14.9	20011	553	74.73			
10/12/2023	Thu	12	19995180	2100	19.6	20564	365	49.32			
10/13/2023	Fri	12.1	19997280	2755	20.2	20929	330	44.59	56.22		
10/14/2023	Sat	12.1	20000035	2755	20.2	21259	330	44.59			
10/15/2023	Sun	12.1	20002790	2757	20.2	21589	330	44.59			
10/16/2023	Mon	11.7	20005547	5143	17.4	21919	492	66.49	51.89		
10/17/2023	Tue	12.1	20010690	2834	18.1	22411	808	109.19			
10/18/2023	Wed	12	20013524	2234	19.9	23219	225	30.41			
10/19/2023	Thu	12.1	20015758	2951	21.3	23444	337	45.54	61.71		
10/20/2023	Fri	12.2	20018709	2277	22.2	23781	391	52.84		47.50	
10/21/2023	Sat	12.2	20020986	2277	22.2	24172	391	52.84			
10/22/2023	Sun	12.2	20023263	2277	22.2	24563	391	52.84	52.84		
10/23/2023	Mon	12.1	20025540	2526	25.1	24954	0	0.00			
10/24/2023	Tue	11.7	20028066	2593	25.2	24954	0	0.00			
10/25/2023	Wed	12.2	20030659	3187	25.4	24954	0	0.00	0.00		
10/26/2023	Thu	11.4	20033846	2136	25.5	24954	0	0.00			
10/27/2023	Fri	12.1	20035982	8384	25.6	24954	0	0.00			
10/28/2023	Sat	12.1	20044366	8384	25.6	24954	0	0.00	0.00		
10/29/2023	Sun	12.1	20052750	8385	25.6	24954	0	0.00			
10/30/2023	Mon	12	20061135	6375	26.1	24954	0	0.00			
10/31/2023	Tue	11.6	20067510	5189	26.3	24954	0	0.00	0.00		

	CELL 12 LCS			CELL 12 LDS					150	60	
Date	Day of Week	Liquid Level (inches)	Flow meter reading (gallons)	Gallons Removed	Sump Liquid Level (inches)	Flow meter reading (gallons)	Total volume (gallons)	LDS Daily Pump (gal)	LDS Flow Rate Avg. (gal/acre)	LDS Flow Rate 3-Day Avg. (gal/acre/day)	LDS Flow Rate 14-Day Avg. (gal/acre/day)	Comments
10/1/2023	Sun	2.6	7420563	12038	25.6	65531	323191	396	45.00			
10/2/2023	Mon	4.3	7432601	4565	24.2	65927	323587	442	50.23			
10/3/2023	Tue	5.7	7437166	0	22.2	66369	324029	631	71.70	55.64		
10/4/2023	Wed	6	7437166	0	18.9	67000	324660	352	40.00			
10/5/2023	Thu	6.7	7437166	0	17.4	67352	325012	459	52.16			
10/6/2023	Fri	7.6	7437166	0	18.3	67811	325471	248	28.18	40.11	55.73	
10/7/2023	Sat	7.6	7437166	0	18.3	68059	325719	248	28.18			
10/8/2023	Sun	7.6	7437166	0	18.3	68307	325967	248	28.18			
10/9/2023	Mon	8.9	7437166	0	15.5	68555	326215	0	0.00	18.79		
10/10/2023	Tue	9.9	7437166	4194	16.3	68555	326215	0	0.00			
10/11/2023	Wed	4.2	7441360	3938	17.2	68555	326215	347	39.43			
10/12/2023	Thu	7.1	7445298	2624	17.9	68902	326562	519	58.98	32.80		
10/13/2023	Fri	4.5	7447922	3414	17.1	69421	327081	402	45.68			
10/14/2023	Sat	4.5	7451336	3414	17.1	69823	327483	320	36.36			
10/15/2023	Sun	4.5	7454750	3415	17.1	70143	327803	363	41.25	41.10		
10/16/2023	Mon	6.3	7458165	3174	20.3	70506	328166	375	42.61			
10/17/2023	Tue	3.9	7461339	3555	22.9	70881	328541	366	41.59			
10/18/2023	Wed	5.1	7464894	3224	24.1	71247	328907	30	3.41	29.20		
10/19/2023	Thu	1.6	7468118	3981	26.8	71277	328937	229	26.02			
10/20/2023	Fri	5.9	7472099	3175	25.9	71506	329166	249	28.30		30.00	
10/21/2023	Sat	5.9	7475274	3175	25.9	71755	329415	249	28.30	27.54		
10/22/2023	Sun	5.9	7478449	3176	25.9	72004	329664	249	28.30			
10/23/2023	Mon	2.2	7481625	3202	25.2	72253	329913	311	35.34			
10/24/2023	Tue	1	7484827	4050	24.9	72564	330224	459	52.16	38.60		
10/25/2023	Wed	10.7	7488877	3229	25.1	73023	330683	478	54.32			
10/26/2023	Thu	7.4	7492106	3491	24.7	73501	331161	485	55.11			
10/27/2023	Fri	2.6	7495597	5203	24.5	73986	331646	525	59.66	56.36		
10/28/2023	Sat	2.6	7500800	5203	24.5	74511	332171	525	59.66			
10/29/2023	Sun	2.6	7506003	5205	24.5	75036	332696	525	59.66			
10/30/2023	Mon	2.2	7511208	3565	25.2	75561	333221	330	37.50	52.27		
10/31/2023	Tue	5.5	7514773	3455	24.6	75891	333551	315	35.80			

		North Phase LCS			North Phase LDS (Tank 8A) 150 60						
Date	Day of Week	LCS Sump Level	LCS Flow Meter	Gallons Removed	LDS Sump level	LDS Flow Meter	LDS Daily Pump (gal)	LDS Flow Rate Avg. (gal/acre)	LDS Flow Rate 3-Day Avg. (gal/acre/day)	LDS Flow Rate 14-Day Avg. (gal/acre/day)	Comments
10/1/23	Sun	8.2	669,705	0	19.0	122,457	0	0.00			
10/2/23	Mon	12.9	669,705	0	19.2	122,457	0	0.00	0.00		
10/3/23	Tue	15.6	669,705	0	19.1	122,457	0	0.00			
10/4/23	Wed	18.2	669,705	0	19.1	122,457	0	0.00			
10/5/23	Thu	20.6	669,705	0	19.2	122,457	0	0.00	0.00		
10/6/23	Fri	25.1	669,705	0	19.2	122,457	0	0.00		0.00	
10/7/23	Sat	25.1	669,705	0	19.2	122,457	0	0.00			
10/8/23	Sun	25.1	669,705	0	19.2	122,457	0	0.00	0.00		
10/9/23	Mon	29.6	669,705	0	19.0	122,457	0	0.00			
10/10/23	Tue	30.3	669,705	684	18.9	122,457	0	0.00			
10/11/23	Wed	24.4	670,389	812	18.8	122,457	0	0.00	0.00		
10/12/23	Thu	25.1	671,201	1,018	18.8	122,457	0	0.00			
10/13/23	Fri	22.1	672,219	1,282	18.9	122,457	0	0.00			
10/14/23	Sat	22.1	673,501	1,282	18.9	122,457	0	0.00	0.00		
10/15/23	Sun	22.1	674,783	1,282	18.9	122,457	0	0.00			
10/16/23	Mon	15.2	676,065	2,936	19.1	122,457	0	0.00			
10/17/23	Tue	13.4	679,001	2,221	19.3	122,457	0	0.00	0.00		
10/18/23	Wed	16.7	681,222	1,952	19.3	122,457	0	0.00			
10/19/23	Thu	9.9	683,174	0	19.4	122,457	0	0.00			
10/20/23	Fri	10.3	683,174	0	19.2	122,457	0	0.00	0.00	0.00	
10/21/23	Sat	10.3	683,174	0	19.2	122,457	0	0.00			
10/22/23	Sun	10.3	683,174	0	19.2	122,457	0	0.00			
10/23/23	Mon	10.7	683,174	0	19.4	122,457	0	0.00	0.00		
10/24/23	Tue	10.9	683,174	0	19.4	122,457	0	0.00			
10/25/23	Wed	11	683,174	2,157	19.3	122,457	0	0.00			
10/26/23	Thu	11.4	685,331	0	19.3	122,457	0	0.00	0.00		
10/27/23	Fri	11.5	685,331	0	19.1	122,457	0	0.00			
10/28/23	Sat	11.5	685,331	0	19.1	122,457	0	0.00			
10/29/23	Sun	11.5	685,331	0	19.1	122,457	0	0.00	0.00		
10/30/23	Mon	12.3	685,331	0	19.2	122,457	0	0.00			
10/31/23	Tue	12.8	685,331	1,694	19.2	122,457	0	0.00			

		South Phase LCS			South Phase LDS					150	60	
Date	Day of Week	Liquid Level (inches)	Flow meter reading (gallons)	Gallons Removed SPLCS	Sump level	Flow Meter Reading (gallons)	Tank Liquid Level (inches)	LDS Daily Pump (gal)	LDS Flow Rate Avg. (gal/acre)	LDS Flow Rate 3 Day Avg. (gal/acre/day)	LDS Flow Rate 14-Day Avg. (gal/acre/day)	Comments
10/1/23	Sun	35.8	36,411	0	33.6	116519	7	0	0.00			
10/2/23	Mon	35.8	36,411	0	33.6	116519	7	0	0.00	0.00		
10/3/23	Tue	35.8	36,411	0	33.6	116519	7	0	0.00			
10/4/23	Wed	35.8	36,411	0	33.6	116519	7	0	0.00			
10/5/23	Thu	35.8	36,411	0	33.6	116519	7	0	0.00	0.00		
10/6/23	Fri	35.8	36,411	0	33.6	116519	7	0	0.00			
10/7/23	Sat	35.8	36,411	0	33.6	116519	7	0	0.00			
10/8/23	Sun	35.8	36,411	0	33.6	116519	7	0	0.00	0.00	0.00	
10/9/23	Mon	35.8	36,411	0	33.6	116519	7	0	0.00			
10/10/23	Tue	35.8	36,411	0	33.6	116519	7	0	0.00			
10/11/23	Wed	35.8	36,411	0	33.6	116519	7	0	0.00	0.00		
10/12/23	Thu	35.8	36,411	0	33.6	116519	7	0	0.00			
10/13/23	Fri	35.8	36,411	0	33.6	116519	7	0	0.00			
10/14/23	Sat	35.8	36,411	0	33.6	116519	7	0	0.00	0.00		
10/15/23	Sun	35.8	36,411	0	33.6	116519	7	0	0.00			
10/16/23	Mon	35.8	36,411	0	33.6	116519	7	0	0.00			
10/17/23	Tue	35.8	36,411	0	33.6	116519	7	0	0.00	0.00		
10/18/23	Wed	35.8	36,411	0	33.6	116519	7	0	0.00			
10/19/23	Thu	35.8	36,411	0	33.6	116519	7	0	0.00			
10/20/23	Fri	35.8	36,411	0	33.6	116519	7	0	0.00	0.00		
10/21/23	Sat	35.8	36,411	0	33.6	116519	7	0	0.00			
10/22/23	Sun	35.8	36,411	0	33.6	116519	7	0	0.00		0.00	
10/23/23	Mon	35.8	36,411	0	33.6	116519	7	0	0.00	0.00		
10/24/23	Tue	35.8	36,411	0	33.6	116519	7	0	0.00			
10/25/23	Wed	35.8	36,411	0	33.6	116519	7	0	0.00			
10/26/23	Thu	35.8	36,411	0	33.6	116519	7	0	0.00	0.00		
10/27/23	Fri	35.8	36,411	0	33.6	116519	7	0	0.00			
10/28/23	Sat	35.8	36,411	0	33.6	116519	7	0	0.00			
10/29/23	Sun	35.8	36,411	0	33.6	116519	7	0	0.00	0.00		
10/30/23	Mon	35.8	36,411	0	33.6	116519	7	0	0.00			
10/31/23	Tue	35.8	36,411	0	33.6	116519	7	0	0.00			

ATTACHMENT F

Gas Extraction Well Operations & Location Map

Device Name	Alias	Description	Active	Location	Downtime (hours)
New Hill Gas Wells					
EVLFLE01	LE-1	Lateral Expansion Area Well	Yes	Interior	none
EVLFLE03	LE-03	Lateral Expansion Area Well	Yes	Interior	none
EVLFLE04	LE-4	Lateral Expansion Area Well	Yes	Interior	none
EVLFLE05	LE-05	Lateral Expansion Area Well	Yes	Interior	none
EVLFLE07	LE-7	Lateral Expansion Area Well	Yes	Interior	none
EVLFLE08	LE-08	Lateral Expansion Area Well	No	Interior	REPLACED
EVLFLE8R	LE-8R	REPLACEMENT FOR LE-08	Yes	Interior	none
EVLFLE10	LE-10	Lateral Expansion Area Well	Yes	Interior	none
EVLFLE11	LE-11	Lateral Expansion Area Well	Yes	Interior	none
EVLFLE12	LE-12	Lateral Expansion Area Well	Yes	Interior	none
EVLFLE13	LE-13	Lateral Expansion Area Well	No	Interior	REPLACED
EVLLE13R	LE-13R	Replacement for LE-13	Yes	Interior	none
EVLFLE15	LE-15	Lateral Expansion Area Well	Yes	Interior	none
EVLFLE16	LE-16	Lateral Expansion Area Well	Yes	Interior	none
EVLFLE18	LE-18	Lateral Expansion Area Well	No	Interior	REPLACED
EVLLE18R	LE-18R	REPLACEMENT FOR LE-18	Yes	Interior	none
EVLFLE19	LE-19	Lateral Expansion Area Well	Yes	Interior	none
EVLFLE21	LE-21	Lateral Expansion Area Well	Yes	Interior	none
EVLFLE24	LE-24	Lateral Expansion Area Well	Yes	Interior	none
EVLFLE26	LE-26	Lateral Expansion Area Well	Yes	Interior	none
EVLFLE27	LE-27	Lateral Expansion Area Well	Yes	Interior	none
EVLFLE29	LE-29	Lateral Expansion Area Well	Yes	Interior	none
EVLFLE31	LE-31	Lateral Expansion Area Well	No	Interior	REPLACED
EVLLE31R	LE-31R	REPLACEMENT FOR LE-31	Yes	Interior	none
EVLFLE32	LE-32	Lateral Expansion Area Well	Yes	Interior	none
EVLFLE33	LE-33	Lateral Expansion Area Well	Yes	Interior	none
EVLFLE34	LE-34	Lateral Expansion Area Well	No	Interior	REPLACED
EVLLE34R	LE-34R	REPLACEMENT FOR LE-34	Yes	Interior	none
EVLFLE36	LE-36	Lateral Expansion Area Well	Yes	Interior	none
EVLFLE38	LE-38	Lateral Expansion Area Well	No	Interior	REPLACED
EVLLE38R	LE-38R	REPLACEMENT FOR LE-38	Yes	Interior	none
EVLFLE39	LE-39	Lateral Expansion Area Well	Yes	Interior	none
EVLFLE41	LE-41	Lateral Expansion Area Well	No	Interior	REPLACED
EVLFLE41R	LE-41R	REPLACEMENT FOR LE-41	Yes	Interior	none
EVLFLE42	LE-42	Lateral Expansion Area Well	Yes	Interior	none
EVLFLE43	LE-43	Lateral Expansion Area Well	Yes	Interior	none
EVLFLE45	LE-45	Lateral Expansion Area Well	Yes	Interior	none
EVLFLE48	LE-48	Lateral Expansion Area Well	Yes	Interior	none
EVLFLE50	LE-50	Lateral Expansion Area Well	No	Interior	REPLACED
EVLLE50R	LE-50R	REPLACEMENT FOR LE-50	Yes	Interior	none
EVLFLE52	LE-52	Lateral Expansion Area Well	No	Interior	REPLACED
EVLLE52R	LE-52R	REPLACEMENT FOR LE-52	Yes	Interior	0.25 hour
EVLFLE53	LE-53	Lateral Expansion Area Well	No	Interior	REPLACED
EVLF53R	LE-53R	REPLACEMENT FOR LE-53	Yes	Interior	none
EVLFLE55	LE-55	Lateral Expansion Area Well	No	Interior	REPLACED
EVLLE55R	LE-55R	REPLACEMENT FOR LE-55	Yes	Interior	none
EVLFLE56	LE-56	Lateral Expansion Area Well	No	Interior	REPLACED
EVLLE56R	LE-56R	REPLACEMENT FOR LE-56	Yes	Interior	none
EVLFLE57	LE-57	Lateral Expansion Area Well	No	Interior	REPLACED
EVLLE57R	LE-57R	REPLACEMENT FOR LE-57	Yes	Interior	none
EVLFLE58	LE-58	Lateral Expansion Area Well	No	Interior	REPLACED
EVLLE58R	LE-58R	REPLACEMENT FOR LE-58	Yes	Interior	none
EVLFLE59	LE-59	Lateral Expansion Area Well	No	Interior	none
EVLLE59R	LE-59R	REPLACEMENT FOR LE-59	Yes	Interior	none
EVLFLE62	LE-62	Lateral Expansion Area Well	No	Interior	REPLACED

Device Name	Alias	Description	Active	Location	Downtime (hours)
EVLLE62R	LE-62R	REPLACEMENT FOR LE-62	Yes	Interior	none
EVLFLE64	LE-64	Lateral Expansion Area Well	Yes	Interior	none
EVLFLE65	LE-65	Lateral Expansion Area Well	No	Interior	REPLACED
EVLLE65R	LE-65R	REPLACEMENT FOR LE-65	Yes	Interior	none
EVLFLE67	LE-67	Lateral Expansion Area Well	Yes	Interior	none
EVLFLE70	LE-70	Lateral Expansion Area Well	No	Interior	REPLACED
EVLFE70R	LE-70R	Replacement for LE-70	Yes	Interior	none
EVLFLE71	LE-71	Lateral Expansion Area Well	Yes	Interior	none
EVLFLE72	LE-72	Lateral Expansion Area Well	Yes	Interior	none
EVLFLE73	LE-73	Lateral Expansion Area Well	No	Interior	REPLACED
EVLLE73R	LE-73R	Replacement for LE-73	Yes	Interior	none
EVLFLE75	LE-75	Lateral Expansion Area Well	Yes	Interior	none
EVLFLE76	LE-76	Lateral Expansion Area Well	No	Interior	REPLACED
EVLFE76R	LE-76R	Replacement for LE-76	Yes	Interior	none
EVLFLE78	LE-78	Lateral Expansion Area Well	Yes	Interior	none
EVLFLE79	LE-79	Lateral Expansion Area Well	Yes	Interior	none
EVLFLE80	LE-80	Lateral Expansion Area Well	Yes	Interior	none
EVLFLE83	LE-83	Lateral Expansion Area Well	Yes	Interior	none
EVLFLE84	LE-84	Lateral Expansion Area Well	Yes	Interior	none
EVLFLE85	LE-85	Lateral Expansion Area Well	Yes	Interior	none
EVLFLE86	LE-86	Lateral Expansion Area Well	Yes	Interior	none
EVLFLE87	LE-87	Lateral Expansion Area Well	Yes	Interior	none
EVLLF114	LE-114	Lateral Expansion Area Well	Yes	Interior	none
EVLLE116	LE-116	Lateral Expansion Area Well	Yes	Interior	none
EVLLE117	LE-117	Lateral Expansion Area Well	Yes	Interior	none
EVLLE118	LE-118	Lateral Expansion Area Well	Yes	Interior	none
EVLLE119	LE-119	Lateral Expansion Area Well	Yes	Interior	none
EVLLE120	LE-120	Lateral Expansion Area Well	No	Interior	REPLACED
EVLE120R	LE-120R	REPLACEMENT FOR LE-120	Yes	Interior	none
EVLLE121	LE-121	Lateral Expansion Area Well	Yes	Interior	none
EVLLE122	LE-122	Lateral Expansion Area Well	No	Interior	REPLACED
EVLE122R	LE-122R	REPLACEMENT FOR LE-122	Yes	Interior	none
EVLLE127	LE-127	Lateral Expansion Area Well	Yes	Interior	none
EVLLE130	LE-130	Lateral Expansion Area Well	Yes	Interior	none
EVLLE143	LE-143	Lateral Expansion Area Well	Yes	Interior	none
EVLLE145	LE-145	Lateral Expansion Area Well	Yes	Interior	none
EVLLE146	LE-146	Lateral Expansion Area Well	Yes	Interior	none
EVLLE151	LE-151	Lateral Expansion Area Well	Yes	Interior	none
EVLLE154	LE-154	Lateral Expansion Area Well	Yes	Interior	none
EVEW1000	EW-1000	Lateral Expansion Area Well	Yes	Interior	none
EVEW1002	EW-1002	Lateral Expansion Area Well	Yes	Interior	none
EVEW1003	EW-1003	Lateral Expansion Area Well	Yes	Interior	none
EVEW1006	EW-1006	Lateral Expansion Area Well	Yes	Interior	none
EVEW1007	EW-1007	Lateral Expansion Area Well	Yes	Interior	none
EVEW1008	EW-1008	Lateral Expansion Area Well	Yes	Interior	none
EVEW1009	EW-1009	Lateral Expansion Area Well	Yes	Interior	none
EVEW1010	EW-1010	Lateral Expansion Area Well	Yes	Interior	none
EVEW1011	EW-1011	Lateral Expansion Area Well	Yes	Interior	none
EVEW1012	EW-1012	Lateral Expansion Area Well	Yes	Interior	none
EVEW1014	EW-1014	Lateral Expansion Area Well	Yes	Interior	none
EVEW1017	EW-1017	Lateral Expansion Area Well	Yes	Interior	none
EVEW1018	EW-1018	Lateral Expansion Area Well	Yes	Interior	none
EVEW1022	EW-1022	Lateral Expansion Area Well	Yes	Interior	none
EVEW1024	EW-1024	Lateral Expansion Area Well	Yes	Interior	none
EVEW1025	EW-1025	Lateral Expansion Area Well	Yes	Interior	none
EVEW1027	EW-1027	Lateral Expansion Area Well	Yes	Interior	none

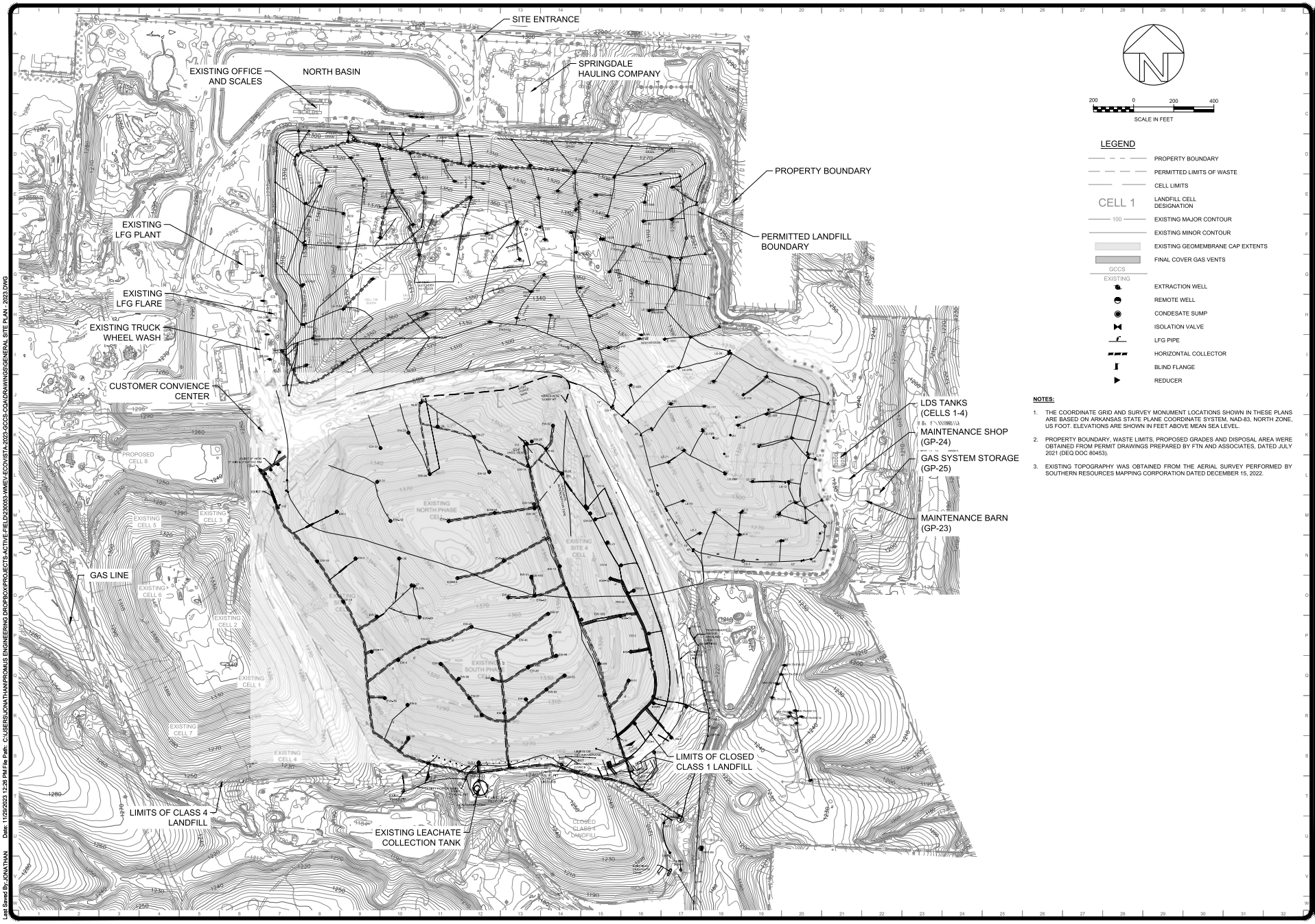
Device Name	Alias	Description	Active	Location	Downtime (hours)
EVEW1028	EW-1028	Lateral Expansion Area Well	Yes	Interior	none
EVEW1055	EW-1055	Lateral Expansion Area Well	Yes	Interior	none
EVEW1056	EW-1056	Lateral Expansion Area Well	Yes	Interior	none
EVEW1057	EW-1057	Lateral Expansion Area Well	Yes	Interior	none
EVEW1058	EW-1058	Lateral Expansion Area Well	Yes	Interior	none
EVEW1059	EW-1059	Lateral Expansion Area Well	Yes	Interior	none
EVEW1060	EW-1060	Lateral Expansion Area Well	Yes	Interior	none
EVEW1061	EW-1061	Lateral Expansion Area Well	Yes	Interior	none
EVEW1067	EW-1067	Lateral Expansion Area Well	Yes	Interior	none
EVLFTD1A	TD-1A	Lateral Expansion Area Well	Yes	Interior	none
EVLFTD1B	TD-1B	Lateral Expansion Area Well	Yes	Interior	none
EVLFTD02	TD-2	Lateral Expansion Area Well	Yes	Interior	none
EWEVOT10	OT-10	Lateral Expansion Area Well	Yes	Interior	none
EWEVOT11	OT-11	Lateral Expansion Area Well	Yes	Interior	none
EWEVOT12	OT-12	Lateral Expansion Area Well	Yes	Interior	none
EWEVOT13	OT-13	Lateral Expansion Area Well	Yes	Interior	none
EWEVOT14	OT-14	Lateral Expansion Area Well	Yes	Interior	none
EWEVOT15	OT-15	Lateral Expansion Area Well	Yes	Interior	none
EWEVOT16	OT-16	Lateral Expansion Area Well	Yes	Interior	none
EWEVOT17	OT-17	Lateral Expansion Area Well	Yes	Interior	none
EWEVOT18	OT-18	Lateral Expansion Area Well	Yes	Interior	none
EWEVOT19	OT-19	Lateral Expansion Area Well	Yes	Interior	none
EWEVOT20	OT-20	Lateral Expansion Area Well	Yes	Interior	none
EWEVOT21	OT-21	Lateral Expansion Area Well	Yes	Interior	none
EWEVOT22	OT-22	Lateral Expansion Area Well	Yes	Interior	none
EWEVOT23	OT-23	Lateral Expansion Area Well	Yes	Interior	none
EWEVOT24	OT-24	Lateral Expansion Area Well	Yes	Interior	none
EVLHGC1	HGC-1	Lateral Expansion Area Well	Yes	Interior	shut off 4/2020
EVLHGC2	HGC-2	Lateral Expansion Area Well	Yes	Interior	shut off 4/2020
EVLFHGC3	HGC-3	Lateral Expansion Area Well	Yes	Interior	none
EVLFHGC4	HGC-4	Lateral Expansion Area Well	Yes	Interior	none
EVLFHGC5	HGC-5	Lateral Expansion Area Well	Yes	Interior	none
EVLFHGC6	HGC-6	Lateral Expansion Area Well	Yes	Interior	none
EVLFHGC7	HGC-7	Lateral Expansion Area Well	Yes	Interior	none
EVLFHC8A	HC-8A	Lateral Expansion Area Well	Yes	Interior	shut off 2/2023
EVLFHC8B	HC-8B	Lateral Expansion Area Well	Yes	Interior	shut off 2/2023
EVLFHGC9	HGC-9	Lateral Expansion Area Well	Yes	Interior	none
EVHGC10A	HGC-10A	Lateral Expansion Area Well	Yes	Interior	none
EVHGC10B	HGC-10B	Lateral Expansion Area Well	Yes	Interior	shut off 9/2023
EVLHGC11	HGC-11	Lateral Expansion Area Well	Yes	Interior	none
EVLHGC12	HGC-12	Lateral Expansion Area Well	Yes	Interior	none
EVLHGC13	HGC-13	Lateral Expansion Area Well	Yes	Interior	none
EVLHGC14	HGC-14	Lateral Expansion Area Well	Yes	Interior	none
EVLHGC15	HGC-15	Lateral Expansion Area Well	Yes	Interior	none
Old Hill Gas Wells					
TOTIEW01	EW-01	Old Hill Extraction Well	Yes	Interior	none
TOTIEW02	EW-02	Old Hill Extraction Well	Yes	Interior	none
TOTIEW03	EW-03	Old Hill Extraction Well	Yes	Interior	none
TOTIEW04	EW-04	Old Hill Extraction Well	Yes	Interior	none
TOTIEW05	EW-05	Old Hill Extraction Well	Yes	Interior	none
TOTIEW06	EW-06	Old Hill Extraction Well	No	Interior	REPLACED
TOTIEW6R	EW-6R	Replacement for EW-6	Yes	Interior	none
TOTIEW07	EW-07	Old Hill Extraction Well	Yes	Interior	none
TOTIEW08	EW-08	Old Hill Extraction Well	No	Interior	none
TOTIEW09	EW-09	Old Hill Extraction Well	Yes	Interior	none
TOTIEW10	EW-10	Old Hill Extraction Well	No	Interior	REPLACED

Device Name	Alias	Description	Active	Location	Downtime (hours)
TOTEW10R	EW-10R	Replacement for EW-10	Yes	Interior	none
TOTIEW11	EW-11	Old Hill Extraction Well	Yes	Interior	none
TOTIEW12	EW-12	Old Hill Extraction Well	Yes	Interior	none
TOTIEW13	EW-13	Old Hill Extraction Well	Yes	Interior	none
TOTIEW14	EW-14	Old Hill Extraction Well	No	Interior	REPLACED
TOTEW14R	EW-14R	Replacement for EW-14	Yes	Interior	none
TOTIEW15	EW-15	Old Hill Extraction Well	Yes	Interior	none
TOTIEW16	EW-16	Old Hill Extraction Well	No	Interior	shut off 5.16
TOTIEW17	EW-17	Old Hill Extraction Well	Yes	Interior	none
TOTIEW18	EW-18	Old Hill Extraction Well	Yes	Interior	none
TOTIEW19	EW-19	Old Hill Extraction Well	No	Interior	shut off 5.16
TOTIEW20	EW-20	Old Hill Extraction Well	Yes	Interior	none
TOTIEW21	EW-21	Old Hill Extraction Well	No	Interior	shut off 5.16
TOTIEW22	EW-22	Old Hill Extraction Well	Yes	Interior	none
TOTIEW23	EW-23	Old Hill Extraction Well	Yes	Interior	none
TOTIEW24	EW-24	Old Hill Extraction Well	Yes	Interior	none
TOTIEW25	EW-25	Old Hill Extraction Well	Yes	Interior	none
TOTIEW26	EW-26	Old Hill Extraction Well	Yes	Interior	none
TOTIEW27	EW-27	Old Hill Extraction Well	Yes	Interior	none
TOTIEW28	EW-28	Old Hill Extraction Well	Yes	Interior	none
TOTIEW29	EW-29	Old Hill Extraction Well	Yes	Interior	none
TOTIEW30	EW-30	Old Hill Extraction Well	Yes	Interior	none
TOTIEW31	EW-31	Old Hill Extraction Well	Yes	Interior	none
TOTIEW32	EW-32	Old Hill Extraction Well	Yes	Interior	none
TOTIEW33	EW-33	Old Hill Extraction Well	Yes	Interior	none
TOTIEW34	EW-34	Old Hill Extraction Well	Yes	Interior	none
TOTIEW35	EW-35	Old Hill Extraction Well	Yes	Interior	none
TOTIEW36	EW-36	Old Hill Extraction Well	Yes	Interior	none
TOTIEW37	EW-37	Old Hill Extraction Well	No	Interior	REPLACED
TOTEW37R	EW-37R	REPLACEMENT FOR EW-37	Yes	Interior	none
TOTIEW38	EW-38	Old Hill Extraction Well	Yes	Interior	none
TOTIEW39	EW-39	Old Hill Extraction Well	Yes	Interior	none
TOTIEW40	EW-40	Old Hill Extraction Well	Yes	Interior	none
TOTIEW41	EW-41	Old Hill Extraction Well	No	Interior	REPLACED
TOTEW41R	EW-41R	REPLACEMENT FOR EW-41	Yes	Interior	none
TOTIEW42	EW-42	Old Hill Extraction Well	Yes	Interior	none
TOTIEW43	EW-43	Old Hill Extraction Well	Yes	Interior	none
TOTIEW44	EW-44	Old Hill Extraction Well	Yes	Interior	none
TOTIEW45	EW-45	Old Hill Extraction Well	Yes	Interior	none
TOTIEW46	EW-46	Old Hill Extraction Well	Yes	Interior	none
TOTIEW47	EW-47	Old Hill Extraction Well	Yes	Interior	none
TOTIEW48	EW-48	Old Hill Extraction Well	No	Interior	REPLACED
TOTEW48R	EW-48R	REPLACEMENT FOR EW-48	Yes	Interior	none
TOTIEW49	EW-49	Old Hill Extraction Well	Yes	Interior	none
TOTIEW50	EW-50	Old Hill Extraction Well	Yes	Interior	none
TOTIEW51	EW-51	Old Hill Extraction Well	Yes	Interior	none
TOTIEW52	EW-52	Old Hill Extraction Well	Yes	Interior	none
TOTIEW53	EW-53	Old Hill Extraction Well	Yes	Interior	none
TOTIEW54	EW-54	Old Hill Extraction Well	Yes	Interior	none
TOTIEW55	EW-55	Old Hill Extraction Well	Yes	Interior	none
TOTIEW56	EW-56	Old Hill Extraction Well	Yes	Interior	none
TOTIEW57	EW-57	Old Hill Extraction Well	Yes	Interior	none
TOTIEW58	EW-58	Old Hill Extraction Well	Yes	Interior	none
TOTIEW59	EW-59	Old Hill Extraction Well	Yes	Interior	none
TOTIEW60	EW-60	Old Hill Extraction Well	Yes	Interior	none
TOTIEW61	EW-61	Old Hill Extraction Well	No	Interior	shut off 5.16

Device Name	Alias	Description	Active	Location	Downtime (hours)
TOTIEW62	EW-62	Old Hill Extraction Well	No	Interior	shut off 5.16
TOTIEW63	EW-63	Old Hill Extraction Well	No	Interior	shut off 5.16
TOTIEW64	EW-64	Old Hill Extraction Well	No	Interior	shut off 5.16
Out of Waste Extraction Wells					
TOTIOW01	OW-01	Out of Waste-NW of Old Hill	Yes	Exterior	none
TOTIOW02	OW-02	Out of Waste-NW of Old Hill	Yes	Exterior	none
TOTIOW03	OW-03	Out of Waste-NW of Old Hill	Yes	Exterior	none
TOTIOW04	OW-04	Out of Waste-NW of Old Hill	Yes	Exterior	none
TOTIOW05	OW-05	Out of Waste-NW of Old Hill	Yes	Exterior	removed for cell construction 10/23
TOTIOW06	OW-06	Out of Waste-NW of Old Hill	Yes	Exterior	removed for cell construction 10/23
TOTIOW07	OW-07	Out of Waste-NW of Old Hill	Yes	Exterior	removed for cell construction 10/23
TOTIOW08	OW-08	Out of Waste-NW of Old Hill	Yes	Exterior	removed for cell construction 10/23
TOTIOW09	OW-09	Out of Waste-NW of Old Hill	Yes	Exterior	removed for cell construction 10/23
TOTIOW10	OW-10	Out of Waste-NW of Old Hill	Yes	Exterior	removed for cell construction 10/23
TOTIOW11	OW-11	Not Active - Old Stutts Well	No	Exterior	shut off 5.15
TONOW11A	OW-11A	Out of Waste-E of Old Hill	Yes	Exterior	none
TONOOW12	OW-12	Out of Waste-E of Old Hill	Yes	Exterior	none
TONOW12A	OW-12A	Out of Waste-E of Old Hill	Yes	Exterior	none
TONOW13	OW-13	Out of Waste-E of Old Hill	Yes	Exterior	none
TONOW13A	OW-13A	Out of Waste-E of Old Hill	Yes	Exterior	none
TONOOW14	OW-14	Out of Waste-E of Old Hill	Yes	Exterior	none
TONOW14A	OW-14A	Out of Waste-E of Old Hill	Yes	Exterior	none
TONOW16A	OW-16A	Out of Waste-SE of Old Hill	No	Exterior	none
TONOOW17	OW-17	Out of Waste-SE of Old Hill	No	Exterior	none
TONOOW18	OW-18	Out of Waste-SE of Old Hill	No	Exterior	none
TOTIOW19	OW-19	Out of Waste-NW of Old Hill	Yes	Exterior	removed for cell construction 10/23
TOTIOW20	OW-20	Out of Waste-NW of Old Hill	Yes	Exterior	removed for cell construction 10/23
TOTIOW21	OW-21	Out of Waste-NW of Old Hill	Yes	Exterior	removed for cell construction 10/23
TOTIOW22	OW-22	Out of Waste-NW of Old Hill	Yes	Exterior	removed for cell construction 2020
TOTIOW23	OW-23	Out of Waste-NW of Old Hill	Yes	Exterior	removed for cell construction 2020
TONOOW27	OW-27	Out of Waste-E of Old Hill	Yes	Exterior	none
TONOOW28	OW-28	Out of Waste-E of Old Hill	Yes	Exterior	none
TONOOW29	OW-29	Out of Waste-E of Old Hill	Yes	Exterior	none
Nature and Extent Gas Wells					
TTOWNE1A	NE-1A	Out of Waste - surrounds NE-1	Yes	Exterior	none
TTOWNE1B	NE-1B	Out of Waste - surrounds NE-1	Yes	Exterior	none
N/A	NE-4-EW-08	Out of Waste - surrounds NE-4	Yes	Exterior	none
N/A	NE-4-EW-09	Out of Waste - surrounds NE-4	Yes	Exterior	none
N/A	NE-4-EW-10	Out of Waste - surrounds NE-4	Yes	Exterior	none
N/A	NE-5-EW-15	Out of Waste - surrounds NE-5	No	Exterior	none
N/A	NE-5-EW-16	Out of Waste - surrounds NE-5	No	Exterior	none
N/A	NE-5-EW-17	Out of Waste - surrounds NE-5	No	Exterior	none
N/A	NE-5-EW-18	Out of Waste - surrounds NE-5	No	Exterior	none
N/A	GP-1-EW-01	Out of Waste - surrounds GP-01	No	Exterior	removed 2015
N/A	GP-1-EW-02	Out of Waste - surrounds GP-01	No	Exterior	shut off 2006
N/A	GP-1-EW-03	Out of Waste - surrounds GP-01	No	Exterior	shut off 2006
N/A	GP-1-EW-04	Out of Waste - surrounds GP-01	No	Exterior	removed 2015
TT1NEW05	MW-1N-EW-05	Out of Waste - surrounds MW-1N	No	Exterior	removed 2015
TT1NEW06	MW-1N-EW-06	Out of Waste - surrounds MW-1N	No	Exterior	removed 2015
TT1NEW07	MW-1N-EW-07	Out of Waste - surrounds MW-1N	No	Exterior	removed 2015
TT7NEW11	MW-7N-EW-11	Out of Waste - surrounds MW-7N	Yes	Exterior	none
TT7NEW12	MW-7N-EW-12	Out of Waste - surrounds MW-7N	Yes	Exterior	none
TT7NEW13	MW-7N-EW-13	Out of Waste - surrounds MW-7N	Yes	Exterior	none
TT7NEW14	MW-7N-EW-14	Out of Waste - surrounds MW-7N	Yes	Exterior	none
TT7NEW19	MW-7N-EW-19	Out of Waste - surrounds MW-7N	Yes	Exterior	none
TT7NEW20	MW-7N-EW-20	Out of Waste - surrounds MW-7N	Yes	Exterior	none

Device Name	Alias	Description	Active	Location	Downtime (hours)
TT7NEW21	MW-7N-EW-21	Out of Waste - surrounds MW-7N	Yes	Exterior	none
TT7NEW22	MW-7N-EW-22	Out of Waste - surrounds MW-7N	Yes	Exterior	none
TT7NEW23	MW-7N-EW-23	Out of Waste - surrounds MW-7N	Yes	Exterior	none
TT7NEW24	MW-7N-EW-24	Out of Waste - surrounds MW-7N	Yes	Exterior	none
North Gas Wells (cutoff wells for exceedances in GP-1)					
OW-121	N/A	Out of Waste - north of Cell 10	Yes	Exterior	none
OW-122	N/A	Out of Waste - north of Cell 10	Yes	Exterior	none
OW-123	N/A	Out of Waste - north of Cell 10	Yes	Exterior	none

Downtime:
Blowers (Exterior): none
Well System (Interior): none



NOTES:

1. THE COORDINATE GRID AND SURVEY MONUMENT LOCATIONS SHOWN IN THESE PLANS ARE BASED ON ARKANSAS STATE PLANE COORDINATE SYSTEM, NAD-83, NORTH ZONE, US FOOT. ELEVATIONS ARE SHOWN IN FEET ABOVE MEAN SEA LEVEL.
2. PROPERTY BOUNDARY, WASTE LIMITS, PROPOSED GRADES AND DISPOSAL AREA WERE OBTAINED FROM PERMIT DRAWINGS PREPARED BY FTN AND ASSOCIATES, DATED JULY 2021 (DEQ DOC 80453).
3. EXISTING TOPOGRAPHY WAS OBTAINED FROM THE AERIAL SURVEY PERFORMED BY SOUTHERN RESOURCES MAPPING CORPORATION DATED DECEMBER 15, 2022.

REV	DATE	DES. BY	DRA. BY	APPR. BY	DESCRIPTION
0	-	-	-	-	-

PREPARED FOR: WM

PREPARED BY: PROMUS ENGINEERING
1200 MOUNTAIN CREEK ROAD CHATTANOOGA, TENNESSEE 37405

GENERAL SITE PLAN - 2023

GCCS SYSTEM CONFIGURATION
ECO-VISTA CLASS 1 LANDFILL
TONTITOWN, ARKANSAS

Project No.: 230053
SHEET NUMBER
1

Last Saved By: JONATHAN Date: 1/29/2023 12:26 PM File Path: C:\USERS\JONATHAN\PROMUS ENGINEERING DROPBOX\PROJECTS-ACTIVE-FIELD\230053-WM\EV-ECOVISTA-2023-GCCS-CQA\DRAWINGS\GENERAL SITE PLAN - 2023.DWG

ATTACHMENT G

Laboratory Analytical Report & Field Forms

ANALYTICAL REPORT

October 26, 2023

Revised Report

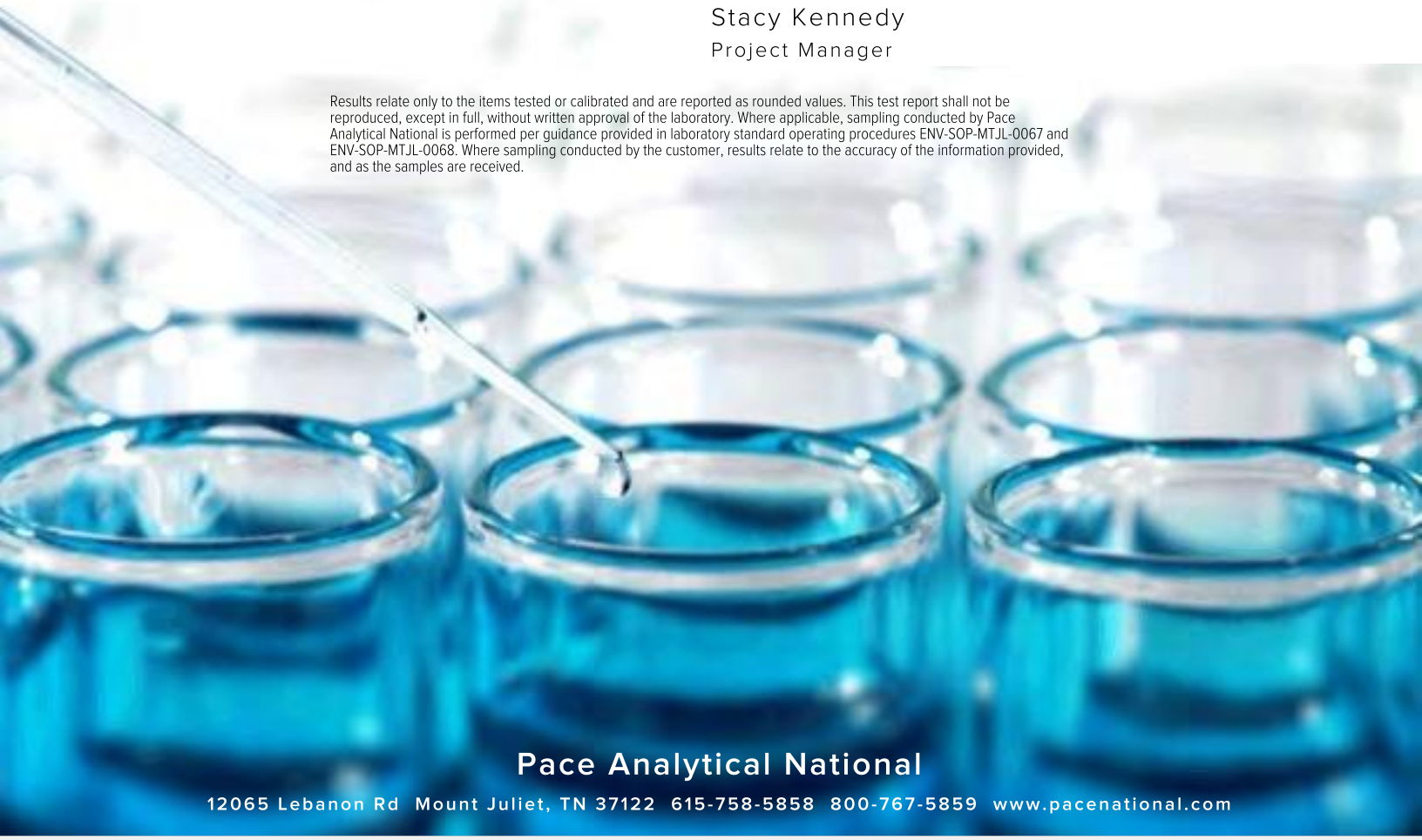
Eco-Vista (Tontitown)LF

Sample Delivery Group:	L1663702
Samples Received:	10/06/2023
Project Number:	200
Description:	Eco-Vista LF-GW-Apr & Oct
Site:	AR03
Report To:	Jodi Reynolds 88 Joyce Lane Russellville, AR 72801

Entire Report Reviewed By:

Stacy Kennedy
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

TABLE OF CONTENTS

DUP L1663702-01 GW

Collected by: Chris F. | Collected date/time: 10/03/23 07:00 | Received date/time: 10/06/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2147641	1	10/09/23 08:32	10/09/23 11:03	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2149658	1	10/12/23 06:24	10/12/23 06:24	HMM	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2149939	1	10/12/23 14:03	10/12/23 14:03	ASH	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG2146860	1	10/11/23 09:10	10/13/23 23:01	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2146872	1	10/09/23 03:48	10/11/23 22:48	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2147452	1	10/08/23 19:58	10/08/23 19:58	DYW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2147871	1	10/09/23 22:44	10/09/23 22:44	DYW	Mt. Juliet, TN

DUP2 L1663702-02 GW

Collected by: Chris F. | Collected date/time: 10/04/23 07:00 | Received date/time: 10/06/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2148182	1	10/10/23 09:28	10/10/23 13:19	KAM	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2148269	1	10/10/23 12:56	10/10/23 12:56	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2149658	1	10/12/23 06:38	10/12/23 06:38	HMM	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2149939	1	10/12/23 14:17	10/12/23 14:17	ASH	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG2146860	1	10/11/23 09:10	10/13/23 23:04	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2146872	1	10/09/23 03:48	10/11/23 23:08	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2147452	1	10/08/23 20:17	10/08/23 20:17	DYW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2147871	1	10/09/23 23:03	10/09/23 23:03	DYW	Mt. Juliet, TN

LGW-2 L1663702-03 GW

Collected by: Chris F. | Collected date/time: 10/04/23 11:25 | Received date/time: 10/06/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2148269	1	10/10/23 13:05	10/10/23 13:05	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2149658	1	10/12/23 06:52	10/12/23 06:52	HMM	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2149939	1	10/12/23 14:31	10/12/23 14:31	ASH	Mt. Juliet, TN

LGW-3R L1663702-04 GW

Collected by: Chris F. | Collected date/time: 10/04/23 10:50 | Received date/time: 10/06/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2148269	1	10/10/23 13:08	10/10/23 13:08	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2149658	1	10/12/23 07:05	10/12/23 07:05	HMM	Mt. Juliet, TN

LGW-4 L1663702-05 GW

Collected by: Chris F. | Collected date/time: 10/04/23 10:15 | Received date/time: 10/06/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2148269	1	10/10/23 13:09	10/10/23 13:09	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2149658	1	10/12/23 07:19	10/12/23 07:19	HMM	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2149939	1	10/12/23 14:45	10/12/23 14:45	ASH	Mt. Juliet, TN

LGW-5 L1663702-06 GW

Collected by: Chris F. | Collected date/time: 10/05/23 10:00 | Received date/time: 10/06/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2149548	1	10/11/23 18:54	10/12/23 12:22	MMF	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2148269	1	10/10/23 13:11	10/10/23 13:11	BMD	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2146948	1	10/07/23 12:48	10/07/23 12:48	EPW	Mt. Juliet, TN

LGW-5 L1663702-06 GW

Collected by: Chris F. | Collected date/time: 10/05/23 10:00 | Received date/time: 10/06/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9012B	WG2146824	1	10/08/23 19:15	10/09/23 11:51	UNP	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2149658	1	10/12/23 07:33	10/12/23 07:33	HMM	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2149939	1	10/12/23 16:25	10/12/23 16:25	ASH	Mt. Juliet, TN
Mercury by Method 7470A	WG2147175	1	10/10/23 14:19	10/11/23 11:23	LAS	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG2146860	1	10/11/23 09:10	10/13/23 23:07	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2146872	1	10/09/23 03:48	10/11/23 23:11	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2147154	1	10/08/23 10:38	10/08/23 10:38	JCP	Mt. Juliet, TN
Chlorinated Acid Herbicides (GC) by Method 8151	WG2145481	1	10/09/23 14:32	10/10/23 18:48	LTB	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG2147257	1	10/08/23 16:26	10/08/23 22:17	NWH	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082	WG2147257	1	10/08/23 16:26	10/08/23 22:17	NWH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG2148873	1	10/11/23 14:00	10/12/23 19:41	AMG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG2148873	1	10/11/23 14:00	10/13/23 22:34	JNJ	Mt. Juliet, TN

MW-7N L1663702-07 GW

Collected by: Chris F. | Collected date/time: 10/04/23 16:45 | Received date/time: 10/06/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2148269	1	10/10/23 13:12	10/10/23 13:12	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2149492	1	10/11/23 22:32	10/11/23 22:32	HMM	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2149939	1	10/12/23 16:53	10/12/23 16:53	ASH	Mt. Juliet, TN

MW-15 L1663702-08 GW

Collected by: Chris F. | Collected date/time: 10/04/23 12:25 | Received date/time: 10/06/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2148269	1	10/10/23 13:14	10/10/23 13:14	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2149658	1	10/12/23 07:47	10/12/23 07:47	HMM	Mt. Juliet, TN

MW-16 L1663702-09 GW

Collected by: Chris F. | Collected date/time: 10/04/23 13:00 | Received date/time: 10/06/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2148269	1	10/10/23 13:15	10/10/23 13:15	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2149890	1	10/13/23 21:38	10/13/23 21:38	HMM	Mt. Juliet, TN

MW-17 L1663702-10 GW

Collected by: Chris F. | Collected date/time: 10/03/23 17:40 | Received date/time: 10/06/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2148269	1	10/10/23 13:17	10/10/23 13:17	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2149890	1	10/13/23 21:52	10/13/23 21:52	HMM	Mt. Juliet, TN

MW-19 L1663702-11 GW

Collected by: Chris F. | Collected date/time: 10/03/23 15:00 | Received date/time: 10/06/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2148269	1	10/10/23 13:23	10/10/23 13:23	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2149890	1	10/13/23 22:06	10/13/23 22:06	HMM	Mt. Juliet, TN

NE-1 L1663702-12 GW

Collected by: Chris F. | Collected date/time: 10/05/23 09:00 | Received date/time: 10/06/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2149548	1	10/11/23 18:54	10/12/23 12:22	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2149864	1	10/13/23 20:35	10/13/23 20:35	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2149939	1	10/12/23 17:08	10/12/23 17:08	ASH	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG2146860	1	10/11/23 09:10	10/13/23 23:10	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2146872	1	10/09/23 03:48	10/11/23 23:23	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2147452	1	10/08/23 20:36	10/08/23 20:36	DYW	Mt. Juliet, TN

NE-2 L1663702-13 GW

Collected by: Chris F. | Collected date/time: 10/04/23 08:25 | Received date/time: 10/06/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2148182	1	10/10/23 09:28	10/10/23 13:19	KAM	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2149864	1	10/13/23 20:48	10/13/23 20:48	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2149939	1	10/12/23 17:24	10/12/23 17:24	ASH	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG2146860	1	10/11/23 09:10	10/13/23 23:13	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2146872	1	10/09/23 03:48	10/11/23 23:26	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2147452	1	10/08/23 20:55	10/08/23 20:55	DYW	Mt. Juliet, TN

NE-4 L1663702-14 GW

Collected by: Chris F. | Collected date/time: 10/04/23 13:45 | Received date/time: 10/06/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2148179	1	10/10/23 09:19	10/10/23 12:55	KAM	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2149864	1	10/13/23 21:01	10/13/23 21:01	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2149939	1	10/12/23 17:38	10/12/23 17:38	ASH	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG2146860	1	10/11/23 09:10	10/13/23 23:16	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2146872	1	10/09/23 03:48	10/11/23 23:29	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2147452	1	10/08/23 21:14	10/08/23 21:14	DYW	Mt. Juliet, TN

NE-5 L1663702-15 GW

Collected by: Chris F. | Collected date/time: 10/04/23 18:45 | Received date/time: 10/06/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2148182	1	10/10/23 09:28	10/10/23 13:19	KAM	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2149864	1	10/13/23 21:13	10/13/23 21:13	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2149939	1	10/12/23 17:52	10/12/23 17:52	ASH	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG2146860	1	10/11/23 09:10	10/13/23 23:19	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2146872	1	10/09/23 03:48	10/11/23 23:33	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2147452	1	10/08/23 21:33	10/08/23 21:33	DYW	Mt. Juliet, TN

NE-5E L1663702-16 GW

Collected by: Chris F. | Collected date/time: 10/04/23 18:15 | Received date/time: 10/06/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2148182	1	10/10/23 09:28	10/10/23 13:19	KAM	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2149864	1	10/13/23 21:51	10/13/23 21:51	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2149939	1	10/12/23 18:06	10/12/23 18:06	ASH	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG2146860	1	10/11/23 09:10	10/13/23 23:21	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2146872	1	10/09/23 03:48	10/11/23 23:36	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2147452	1	10/08/23 21:52	10/08/23 21:52	DYW	Mt. Juliet, TN

NE-5W L1663702-17 GW

Collected by: Chris F. | Collected date/time: 10/04/23 19:20 | Received date/time: 10/06/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2150228	1	10/12/23 16:20	10/13/23 00:00	MMF	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2149864	1	10/13/23 22:04	10/13/23 22:04	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2149939	1	10/12/23 18:20	10/12/23 18:20	ASH	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG2146860	1	10/11/23 09:10	10/13/23 23:24	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2146872	1	10/09/23 03:48	10/11/23 23:39	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2148115	1	10/10/23 01:58	10/10/23 01:58	DWR	Mt. Juliet, TN

NE-6D L1663702-18 GW

Collected by: Chris F. | Collected date/time: 10/04/23 17:35 | Received date/time: 10/06/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2148179	1	10/10/23 09:19	10/10/23 12:55	KAM	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2149878	1	10/13/23 23:50	10/13/23 23:50	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2149939	1	10/12/23 19:10	10/12/23 19:10	ASH	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG2146860	1	10/11/23 09:10	10/13/23 23:42	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2146872	1	10/09/23 03:48	10/11/23 23:42	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2148115	1	10/10/23 02:17	10/10/23 02:17	DWR	Mt. Juliet, TN

NE-10D L1663702-19 GW

Collected by: Chris F. | Collected date/time: 10/03/23 19:00 | Received date/time: 10/06/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2147641	1	10/09/23 08:32	10/09/23 11:03	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2149878	1	10/14/23 00:07	10/14/23 00:07	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2149939	1	10/12/23 20:16	10/12/23 20:16	ASH	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG2146860	1	10/11/23 09:10	10/13/23 23:45	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2146872	1	10/09/23 03:48	10/11/23 23:46	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2148115	1	10/10/23 02:36	10/10/23 02:36	DWR	Mt. Juliet, TN

NE-14D L1663702-20 GW

Collected by: Chris F. | Collected date/time: 10/04/23 15:55 | Received date/time: 10/06/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2148179	1	10/10/23 09:19	10/10/23 12:55	KAM	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2149878	1	10/14/23 00:24	10/14/23 00:24	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2149939	1	10/12/23 20:29	10/12/23 20:29	ASH	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG2146860	1	10/11/23 09:10	10/13/23 23:47	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2146872	1	10/09/23 03:48	10/11/23 23:49	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2148115	1	10/10/23 02:55	10/10/23 02:55	DWR	Mt. Juliet, TN

NE-14S L1663702-21 GW

Collected by: Chris F. | Collected date/time: 10/04/23 07:40 | Received date/time: 10/06/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2148179	1	10/10/23 09:19	10/10/23 12:55	KAM	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2149878	1	10/14/23 02:05	10/14/23 02:05	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2149939	1	10/12/23 20:42	10/12/23 20:42	ASH	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG2146860	1	10/11/23 09:10	10/13/23 23:50	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2146872	1	10/09/23 03:48	10/12/23 00:10	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2148115	1	10/10/23 03:14	10/10/23 03:14	DWR	Mt. Juliet, TN

SAMPLE SUMMARY

FB L1663702-22 GW

Collected by: Chris F.
Collected date/time: 10/03/23 17:30
Received date/time: 10/06/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2147641	1	10/09/23 08:32	10/09/23 11:03	JAC	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2148269	1	10/10/23 13:26	10/10/23 13:26	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2149878	1	10/14/23 02:22	10/14/23 02:22	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2149939	1	10/12/23 20:55	10/12/23 20:55	ASH	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG2146860	1	10/11/23 09:10	10/13/23 23:53	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2146872	1	10/09/23 03:48	10/12/23 00:13	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2148115	1	10/10/23 01:01	10/10/23 01:01	DWR	Mt. Juliet, TN

TRIP BLANK L1663702-23 GW

Collected by: Chris F.
Collected date/time: 10/03/23 00:00
Received date/time: 10/06/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2147827	1	10/09/23 15:29	10/09/23 15:29	JAH	Mt. Juliet, TN

Unless qualified or notated within the narrative below, all sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Stacy Kennedy
Project Manager

Report Revision History

Level II Report - Version 1: 10/22/23 20:33

Project Comments

L1663702-01, sample “DUP”, ammonia container was not received. Lab proceeded with all other analysis. SK 10/16/23

-17 TDS was initially analyzed within holding time. The lab reanalyzed the sample upon data review; however, sample hold time was not met. SK 10/19/23

Report reissued to update project specific reporting limits per request. SK 10/26/23

The requested project specific reporting limits may be less than laboratory standard quantitation limits (PQL) but will be greater than or equal to the laboratory method detection limits (MDL). It is noted that results reported below lab standard quantitation limits (PQLs) may result in false positive/false negative values that may require additional laboratory quality assurance review, if requested. Routine laboratory procedures do not initiate a data review process for detections below the laboratory’s PQL unless requested by the client.

Sample Delivery Group (SDG) Narrative

pH outside of method requirement.

Batch	Method	Lab Sample ID
WG2148873	8270C	L1663702-06

Sample was prepared and/or analyzed past recommended holding time. Concentrations should be considered minimum values.

Batch	Method	Lab Sample ID
WG2150228	2540 C-2011	L1663702-17

Gravimetric Analysis by Method 2540 C-2011

The associated batch QC was outside the established quality control range for precision.

Batch	Lab Sample ID	Analytes
WG2148179	(DUP) R3985480-3, (DUP) R3985480-4	Dissolved Solids
WG2148182	(DUP) R3985447-4	Dissolved Solids

Wet Chemistry by Method 9056A

The sample concentration is too high to evaluate accurate spike recoveries.

Batch	Lab Sample ID	Analytes
WG2149864	(MS) R3987601-5, (MSD) R3987601-6	Chloride

The sample matrix interfered with the ability to make any accurate determination; spike value is low.

Batch	Lab Sample ID	Analytes
WG2149864	(MS) R3987601-5, (MSD) R3987601-6	Sulfate
WG2149878	(MS) R3986850-7	Sulfate

Metals (ICPMS) by Method 6020

The sample matrix interfered with the ability to make any accurate determination; spike value is high.

Batch	Lab Sample ID	Analytes
WG2146872	(MSD) R3985095-5, L1663702-01	Chromium, Total Recoverable, Copper, Total Recoverable and Nickel, Total Recoverable

The associated batch QC was outside the established quality control range for precision.

Batch	Lab Sample ID	Analytes
WG2146872	(MSD) R3985095-5, L1663702-01	Chromium, Total Recoverable, Copper, Total Recoverable and Nickel, Total Recoverable

Volatile Organic Compounds (GC/MS) by Method 8260B

The associated batch QC was above the established quality control range for accuracy.

Batch	Lab Sample ID	Analytes
WG2147452	(LCS) R3983704-1, (LCSD) R3983704-2, L1663702-01, 02, 12, 13, 14, 15, 16	Chloromethane

The associated batch QC was outside the established quality control range for precision.

Batch	Lab Sample ID	Analytes
WG2147154	(LCSD) R3984821-2, L1663702-06	Vinyl acetate
WG2148115	(LCSD) R3985695-2, L1663702-17, 18, 19, 20, 21, 22	1,2-Dibromo-3-Chloropropane and 2-Butanone (MEK)

Chlorinated Acid Herbicides (GC) by Method 8151

RPD between the primary and confirmatory analysis exceeded 40%

Batch	Lab Sample ID	Analytes
WG2145481	(LCS) R3984708-2	2,4,5-T
WG2145481	(LCSD) R3984708-3	2,4,5-T and 2,4-D

The associated batch QC was outside the established quality control range for precision.

Batch	Lab Sample ID	Analytes
WG2145481	(LCSD) R3984708-3, L1663702-06	2,4,5-T, 2,4,5-Tp (Silvex) and 2,4-D

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

The associated batch QC was below the established quality control range for accuracy.

Batch	Lab Sample ID	Analytes
WG2148873	(LCS) R3987287-1, L1663702-06	1,4-Naphthoquinone, 3,3-Dimethylbenzidine and p-Phenylenediamine

The sample matrix interfered with the ability to make any accurate determination; spike value is low.

Batch	Lab Sample ID	Analytes
WG2148873	(MS) R3986579-3	Indeno(1,2,3-cd)pyrene

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

The associated batch QC was outside the established quality control range for precision.

Batch	Lab Sample ID	Analytes
WG2148873	(MSD) R3986579-4	2,4,5-Trichlorophenol, 2,4,6-Trichlorophenol, 2,4-Dichlorophenol, 2,4-Dimethylphenol, 2-Methylphenol, 4-Chloro-3-methylphenol and Hexachlorocyclopentadiene

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	117		10.0	1	10/09/2023 11:03	WG2147641

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	3.70		3.00	1	10/12/2023 06:24	WG2149658
Sulfate	ND		5.00	1	10/12/2023 06:24	WG2149658

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
TOC	ND		1.00	1	10/12/2023 14:03	WG2149939

Metals (ICP) by Method 6010B

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Silver, Total Recoverable	ND		0.0500	1	10/13/2023 23:01	WG2146860
Barium,Total Recoverable	0.0191		0.00500	1	10/13/2023 23:01	WG2146860
Iron, Total Recoverable	ND		0.0600	1	10/13/2023 23:01	WG2146860
Manganese,Total Recoverable	0.0178		0.00300	1	10/13/2023 23:01	WG2146860
Lead, Total Recoverable	ND		0.00500	1	10/13/2023 23:01	WG2146860
Selenium, Total Recoverable	ND		0.0100	1	10/13/2023 23:01	WG2146860

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Arsenic, Total Recoverable	ND		0.00500	1	10/11/2023 22:48	WG2146872
Beryllium, Total Recoverable	ND		0.00100	1	10/11/2023 22:48	WG2146872
Cadmium, Total Recoverable	ND		0.00100	1	10/11/2023 22:48	WG2146872
Cobalt,Total Recoverable	ND		0.00300	1	10/11/2023 22:48	WG2146872
Chromium, Total Recoverable	ND	J3 J5	0.00300	1	10/11/2023 22:48	WG2146872
Copper, Total Recoverable	ND	J3 J5	0.00400	1	10/11/2023 22:48	WG2146872
Nickel, Total Recoverable	ND	J3 J5	0.00400	1	10/11/2023 22:48	WG2146872
Antimony, Total Recoverable	ND		0.00200	1	10/11/2023 22:48	WG2146872
Thallium, Total Recoverable	ND		0.00100	1	10/11/2023 22:48	WG2146872
Vanadium,Total Recoverable	ND		0.00300	1	10/11/2023 22:48	WG2146872
Zinc, Total Recoverable	ND		0.00500	1	10/11/2023 22:48	WG2146872

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
1,1,1,2-Tetrachloroethane	ND		1.00	1	10/08/2023 19:58	WG2147452
1,1,1-Trichloroethane	ND		1.00	1	10/08/2023 19:58	WG2147452
1,1,2,2-Tetrachloroethane	ND		1.00	1	10/08/2023 19:58	WG2147452
1,1,2-Trichloroethane	ND		1.00	1	10/08/2023 19:58	WG2147452
1,1-Dichloroethane	ND		1.00	1	10/08/2023 19:58	WG2147452
1,1-Dichloroethene	ND		1.00	1	10/08/2023 19:58	WG2147452
1,2,3-Trichloropropane	ND		1.00	1	10/08/2023 19:58	WG2147452
1,2-Dibromo-3-Chloropropane	ND		2.00	1	10/08/2023 19:58	WG2147452
1,2-Dibromoethane	ND		1.00	1	10/08/2023 19:58	WG2147452
1,2-Dichlorobenzene	ND		1.00	1	10/08/2023 19:58	WG2147452
1,2-Dichloroethane	ND		1.00	1	10/08/2023 19:58	WG2147452
1,2-Dichloropropane	ND		1.00	1	10/08/2023 19:58	WG2147452

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
1,4-Dichlorobenzene	ND		1.00	1	10/08/2023 19:58	WG2147452
2-Butanone (MEK)	ND		5.00	1	10/08/2023 19:58	WG2147452
2-Hexanone	ND		5.00	1	10/08/2023 19:58	WG2147452
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/08/2023 19:58	WG2147452
Acetone	ND		10.0	1	10/08/2023 19:58	WG2147452
Acrylonitrile	ND		20.0	1	10/08/2023 19:58	WG2147452
Benzene	ND		1.00	1	10/09/2023 22:44	WG2147871
Bromochloromethane	ND		1.00	1	10/08/2023 19:58	WG2147452
Bromodichloromethane	ND		1.00	1	10/08/2023 19:58	WG2147452
Bromoform	ND		1.00	1	10/08/2023 19:58	WG2147452
Bromomethane	ND		1.00	1	10/08/2023 19:58	WG2147452
Carbon disulfide	ND		1.00	1	10/08/2023 19:58	WG2147452
Carbon tetrachloride	ND		1.00	1	10/08/2023 19:58	WG2147452
Chlorobenzene	ND		1.00	1	10/08/2023 19:58	WG2147452
Chloroethane	ND		1.00	1	10/08/2023 19:58	WG2147452
Chloroform	ND		1.00	1	10/08/2023 19:58	WG2147452
Chloromethane	ND	J4	1.00	1	10/08/2023 19:58	WG2147452
Dibromochloromethane	ND		1.00	1	10/08/2023 19:58	WG2147452
Dibromomethane	ND		1.00	1	10/08/2023 19:58	WG2147452
Ethylbenzene	ND		1.00	1	10/09/2023 22:44	WG2147871
Iodomethane	ND		1.00	1	10/08/2023 19:58	WG2147452
Methylene Chloride	ND		1.07	1	10/08/2023 19:58	WG2147452
Styrene	ND		1.00	1	10/08/2023 19:58	WG2147452
Tetrachloroethene	ND		1.00	1	10/08/2023 19:58	WG2147452
Toluene	ND		1.00	1	10/08/2023 19:58	WG2147452
Trichloroethene	ND		1.00	1	10/08/2023 19:58	WG2147452
Trichlorofluoromethane	ND		1.00	1	10/08/2023 19:58	WG2147452
Vinyl acetate	ND		5.00	1	10/08/2023 19:58	WG2147452
Vinyl chloride	ND		1.00	1	10/08/2023 19:58	WG2147452
Xylenes, Total	ND		1.00	1	10/09/2023 22:44	WG2147871
cis-1,2-Dichloroethene	ND		1.00	1	10/08/2023 19:58	WG2147452
cis-1,3-Dichloropropene	ND		1.00	1	10/08/2023 19:58	WG2147452
trans-1,2-Dichloroethene	ND		1.00	1	10/08/2023 19:58	WG2147452
trans-1,3-Dichloropropene	ND		1.00	1	10/08/2023 19:58	WG2147452
trans-1,4-Dichloro-2-butene	ND		1.00	1	10/08/2023 19:58	WG2147452
(S) 1,2-Dichloroethane-d4	*94.0*			*70.0-130*	*10/08/2023 19:58*	WG2147452
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*	*10/09/2023 22:44*	WG2147871
(S) 4-Bromofluorobenzene	*91.8*			*77.0-126*	*10/08/2023 19:58*	WG2147452
(S) 4-Bromofluorobenzene	*90.6*			*77.0-126*	*10/09/2023 22:44*	WG2147871
(S) Toluene-d8	*115*			*80.0-120*	*10/08/2023 19:58*	WG2147452
(S) Toluene-d8	*113*			*80.0-120*	*10/09/2023 22:44*	WG2147871

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	347		10.0	1	10/10/2023 13:19	WG2148182

Wet Chemistry by Method 350.1

Analyte	Result mg/l	Qualifier	RL mg/l	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		0.100	1	10/10/2023 12:56	WG2148269

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	RL mg/l	Dilution	Analysis date / time	Batch
Chloride	14.4		3.00	1	10/12/2023 06:38	WG2149658
Sulfate	ND		5.00	1	10/12/2023 06:38	WG2149658

Wet Chemistry by Method 9060A

Analyte	Result mg/l	Qualifier	RL mg/l	Dilution	Analysis date / time	Batch
TOC	1.48		1.00	1	10/12/2023 14:17	WG2149939

Metals (ICP) by Method 6010B

Analyte	Result mg/l	Qualifier	RL mg/l	Dilution	Analysis date / time	Batch
Silver, Total Recoverable	ND		0.0500	1	10/13/2023 23:04	WG2146860
Barium,Total Recoverable	0.0684		0.00500	1	10/13/2023 23:04	WG2146860
Iron, Total Recoverable	ND		0.0600	1	10/13/2023 23:04	WG2146860
Manganese,Total Recoverable	ND		0.00300	1	10/13/2023 23:04	WG2146860
Lead, Total Recoverable	ND		0.00500	1	10/13/2023 23:04	WG2146860
Selenium, Total Recoverable	ND		0.0100	1	10/13/2023 23:04	WG2146860

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	RL mg/l	Dilution	Analysis date / time	Batch
Arsenic, Total Recoverable	ND		0.00500	1	10/11/2023 23:08	WG2146872
Beryllium, Total Recoverable	ND		0.00100	1	10/11/2023 23:08	WG2146872
Cadmium, Total Recoverable	ND		0.00100	1	10/11/2023 23:08	WG2146872
Cobalt,Total Recoverable	ND		0.00300	1	10/11/2023 23:08	WG2146872
Chromium, Total Recoverable	ND		0.00300	1	10/11/2023 23:08	WG2146872
Copper, Total Recoverable	ND		0.00400	1	10/11/2023 23:08	WG2146872
Nickel, Total Recoverable	ND		0.00400	1	10/11/2023 23:08	WG2146872
Antimony, Total Recoverable	ND		0.00200	1	10/11/2023 23:08	WG2146872
Thallium, Total Recoverable	ND		0.00100	1	10/11/2023 23:08	WG2146872
Vanadium,Total Recoverable	ND		0.00300	1	10/11/2023 23:08	WG2146872
Zinc, Total Recoverable	0.0197	J	0.00500	1	10/11/2023 23:08	WG2146872

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	ND		1.00	1	10/08/2023 20:17	WG2147452
1,1,1-Trichloroethane	ND		1.00	1	10/08/2023 20:17	WG2147452
1,1,2,2-Tetrachloroethane	ND		1.00	1	10/08/2023 20:17	WG2147452
1,1,2-Trichloroethane	ND		1.00	1	10/08/2023 20:17	WG2147452
1,1-Dichloroethane	ND		1.00	1	10/08/2023 20:17	WG2147452
1,1-Dichloroethene	ND		1.00	1	10/08/2023 20:17	WG2147452
1,2,3-Trichloropropane	ND		1.00	1	10/08/2023 20:17	WG2147452

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
1,2-Dibromo-3-Chloropropane	ND		2.00	1	10/08/2023 20:17	WG2147452
1,2-Dibromoethane	ND		1.00	1	10/08/2023 20:17	WG2147452
1,2-Dichlorobenzene	ND		1.00	1	10/08/2023 20:17	WG2147452
1,2-Dichloroethane	ND		1.00	1	10/08/2023 20:17	WG2147452
1,2-Dichloropropane	ND		1.00	1	10/08/2023 20:17	WG2147452
1,4-Dichlorobenzene	ND		1.00	1	10/08/2023 20:17	WG2147452
2-Butanone (MEK)	ND		5.00	1	10/08/2023 20:17	WG2147452
2-Hexanone	ND		5.00	1	10/08/2023 20:17	WG2147452
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/08/2023 20:17	WG2147452
Acetone	ND		10.0	1	10/08/2023 20:17	WG2147452
Acrylonitrile	ND		20.0	1	10/08/2023 20:17	WG2147452
Benzene	ND		1.00	1	10/08/2023 20:17	WG2147452
Bromochloromethane	ND		1.00	1	10/08/2023 20:17	WG2147452
Bromodichloromethane	ND		1.00	1	10/08/2023 20:17	WG2147452
Bromoform	ND		1.00	1	10/08/2023 20:17	WG2147452
Bromomethane	ND		1.00	1	10/08/2023 20:17	WG2147452
Carbon disulfide	ND		1.00	1	10/08/2023 20:17	WG2147452
Carbon tetrachloride	ND		1.00	1	10/08/2023 20:17	WG2147452
Chlorobenzene	ND		1.00	1	10/08/2023 20:17	WG2147452
Chloroethane	ND		1.00	1	10/08/2023 20:17	WG2147452
Chloroform	ND		1.00	1	10/08/2023 20:17	WG2147452
Chloromethane	ND	J4	1.00	1	10/08/2023 20:17	WG2147452
Dibromochloromethane	ND		1.00	1	10/08/2023 20:17	WG2147452
Dibromomethane	ND		1.00	1	10/08/2023 20:17	WG2147452
Ethylbenzene	ND		1.00	1	10/09/2023 23:03	WG2147871
Iodomethane	ND		1.00	1	10/08/2023 20:17	WG2147452
Methylene Chloride	ND		1.07	1	10/08/2023 20:17	WG2147452
Styrene	ND		1.00	1	10/08/2023 20:17	WG2147452
Tetrachloroethene	ND		1.00	1	10/08/2023 20:17	WG2147452
Toluene	ND		1.00	1	10/08/2023 20:17	WG2147452
Trichloroethene	ND		1.00	1	10/08/2023 20:17	WG2147452
Trichlorofluoromethane	ND		1.00	1	10/08/2023 20:17	WG2147452
Vinyl acetate	ND		5.00	1	10/08/2023 20:17	WG2147452
Vinyl chloride	ND		1.00	1	10/08/2023 20:17	WG2147452
Xylenes, Total	ND		1.00	1	10/08/2023 20:17	WG2147452
cis-1,2-Dichloroethene	ND		1.00	1	10/08/2023 20:17	WG2147452
cis-1,3-Dichloropropene	ND		1.00	1	10/08/2023 20:17	WG2147452
trans-1,2-Dichloroethene	ND		1.00	1	10/08/2023 20:17	WG2147452
trans-1,3-Dichloropropene	ND		1.00	1	10/08/2023 20:17	WG2147452
trans-1,4-Dichloro-2-butene	ND		1.00	1	10/08/2023 20:17	WG2147452
(S) 1,2-Dichloroethane-d4	*93.5*			*70.0-130*	*10/08/2023 20:17*	WG2147452
(S) 1,2-Dichloroethane-d4	*98.9*			*70.0-130*	*10/09/2023 23:03*	WG2147871
(S) 4-Bromofluorobenzene	*92.0*			*77.0-126*	*10/08/2023 20:17*	WG2147452
(S) 4-Bromofluorobenzene	*87.8*			*77.0-126*	*10/09/2023 23:03*	WG2147871
(S) Toluene-d8	*114*			*80.0-120*	*10/08/2023 20:17*	WG2147452
(S) Toluene-d8	*116*			*80.0-120*	*10/09/2023 23:03*	WG2147871

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units
pH (On Site)	6.73	su
Specific Conductance (on site)	708	umhos/cm
Temperature (on-site)	19.2	Deg. C
Turbidity (on-site)	3.1	NTU
Dissolved Oxygen (on-site)	7	mg/l
eH/ORP (On Site)	159	mV
Depth to water (DTW) (FROM TOC)	72.78	ft

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	ND		0.100	1	10/10/2023 13:05	WG2148269

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	11.3		3.00	1	10/12/2023 06:52	WG2149658

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
TOC	2.23		1.00	1	10/12/2023 14:31	WG2149939

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units
pH (On Site)	5.09	su
Specific Conductance (on site)	115	umhos/cm
Temperature (on-site)	17.2	Deg. C
Turbidity (on-site)	3.9	NTU
Dissolved Oxygen (on-site)	5.5	mg/l
eH/ORP (On Site)	194.4	mV
Depth to water (DTW) (FROM TOC)	56.68	ft

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	ND		0.100	1	10/10/2023 13:08	WG2148269

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	4.93		3.00	1	10/12/2023 07:05	WG2149658

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units
pH (On Site)	6.47	su
Specific Conductance (on site)	924	umhos/cm
Temperature (on-site)	17.4	Deg. C
Turbidity (on-site)	4.1	NTU
Dissolved Oxygen (on-site)	1.8	mg/l
eH/ORP (On Site)	162	mV
Depth to water (DTW) (FROM TOC)	60.95	ft

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	ND		0.100	1	10/10/2023 13:09	WG2148269

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	20.3		3.00	1	10/12/2023 07:19	WG2149658

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
TOC	1.63		1.00	1	10/12/2023 14:45	WG2149939

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units
pH (On Site)	6.32	su
Specific Conductance (on site)	1049	umhos/cm
Temperature (on-site)	18.2	Deg. C
Turbidity (on-site)	8	NTU
Dissolved Oxygen (on-site)	1	mg/l
eH/ORP (On Site)	-112.1	mV
Depth to water (DTW) (FROM TOC)	71.98	ft

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	438		10.0	1	10/12/2023 12:22	WG2149548

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	0.260		0.100	1	10/10/2023 13:11	WG2148269

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Sulfide	ND		4.00	1	10/07/2023 12:48	WG2146948

Wet Chemistry by Method 9012B

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Cyanide	ND		0.0100	1	10/09/2023 11:51	WG2146824

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	31.0		3.00	1	10/12/2023 07:33	WG2149658
Sulfate	5.37		5.00	1	10/12/2023 07:33	WG2149658

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
TOC	2.29		1.00	1	10/12/2023 16:25	WG2149939

Mercury by Method 7470A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Mercury,Total Recoverable	ND		0.000200	1	10/11/2023 11:23	WG2147175

Metals (ICP) by Method 6010B

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Barium,Total Recoverable	0.132		0.00500	1	10/13/2023 23:07	WG2146860
Iron, Total Recoverable	2.41		0.0600	1	10/13/2023 23:07	WG2146860
Lead, Total Recoverable	ND		0.00500	1	10/13/2023 23:07	WG2146860
Manganese,Total Recoverable	12.7		0.00300	1	10/13/2023 23:07	WG2146860
Selenium, Total Recoverable	ND		0.0100	1	10/13/2023 23:07	WG2146860

Metals (ICP) by Method 6010B

Analyte	Result mg/l	Qualifier	RL mg/l	Dilution	Analysis date / time	Batch
Silver, Total Recoverable	ND		0.0500	1	10/13/2023 23:07	WG2146860
Tin, Total Recoverable	ND		0.100	1	10/13/2023 23:07	WG2146860

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	RL mg/l	Dilution	Analysis date / time	Batch
Antimony, Total Recoverable	ND		0.00200	1	10/11/2023 23:11	WG2146872
Arsenic, Total Recoverable	ND		0.00500	1	10/11/2023 23:11	WG2146872
Beryllium, Total Recoverable	0.00103	J	0.00100	1	10/11/2023 23:11	WG2146872
Cadmium, Total Recoverable	0.00181		0.00100	1	10/11/2023 23:11	WG2146872
Chromium, Total Recoverable	ND		0.00300	1	10/11/2023 23:11	WG2146872
Cobalt,Total Recoverable	ND		0.00300	1	10/11/2023 23:11	WG2146872
Copper, Total Recoverable	ND		0.00400	1	10/11/2023 23:11	WG2146872
Nickel, Total Recoverable	0.0114		0.00400	1	10/11/2023 23:11	WG2146872
Thallium, Total Recoverable	0.00121	J	0.00100	1	10/11/2023 23:11	WG2146872
Vanadium,Total Recoverable	ND		0.00300	1	10/11/2023 23:11	WG2146872
Zinc, Total Recoverable	0.120		0.00500	1	10/11/2023 23:11	WG2146872

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	ND		1.00	1	10/08/2023 10:38	WG2147154
1,1,1-Trichloroethane	ND		1.00	1	10/08/2023 10:38	WG2147154
1,1,2,2-Tetrachloroethane	ND		1.00	1	10/08/2023 10:38	WG2147154
1,1,2-Trichloroethane	ND		1.00	1	10/08/2023 10:38	WG2147154
1,1-Dichloroethane	ND		1.00	1	10/08/2023 10:38	WG2147154
1,1-Dichloroethene	ND		1.00	1	10/08/2023 10:38	WG2147154
1,1-Dichloropropene	ND		1.00	1	10/08/2023 10:38	WG2147154
1,2,3-Trichloropropane	ND		1.00	1	10/08/2023 10:38	WG2147154
1,2-Dibromo-3-Chloropropane	ND		2.00	1	10/08/2023 10:38	WG2147154
1,2-Dibromoethane	ND		1.00	1	10/08/2023 10:38	WG2147154
1,2-Dichlorobenzene	ND		1.00	1	10/08/2023 10:38	WG2147154
1,2-Dichloroethane	ND		1.00	1	10/08/2023 10:38	WG2147154
1,2-Dichloropropane	ND		1.00	1	10/08/2023 10:38	WG2147154
1,3-Dichlorobenzene	ND		1.00	1	10/08/2023 10:38	WG2147154
1,3-Dichloropropane	ND		1.00	1	10/08/2023 10:38	WG2147154
1,4-Dichlorobenzene	ND		1.00	1	10/08/2023 10:38	WG2147154
2,2-Dichloropropane	ND		5.00	1	10/08/2023 10:38	WG2147154
2-Butanone (MEK)	ND		5.00	1	10/08/2023 10:38	WG2147154
2-Hexanone	ND		5.00	1	10/08/2023 10:38	WG2147154
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/08/2023 10:38	WG2147154
Acetone	ND		11.3	1	10/08/2023 10:38	WG2147154
Acetonitrile	ND		30.0	1	10/08/2023 10:38	WG2147154
Acrolein	ND		20.0	1	10/08/2023 10:38	WG2147154
Acrylonitrile	ND		20.0	1	10/08/2023 10:38	WG2147154
Allyl chloride	ND		10.0	1	10/08/2023 10:38	WG2147154
Benzene	ND		1.00	1	10/08/2023 10:38	WG2147154
Bromochloromethane	ND		1.00	1	10/08/2023 10:38	WG2147154
Bromodichloromethane	ND		1.00	1	10/08/2023 10:38	WG2147154
Bromoform	ND		1.00	1	10/08/2023 10:38	WG2147154
Bromomethane	ND		1.00	1	10/08/2023 10:38	WG2147154
Carbon disulfide	ND		1.00	1	10/08/2023 10:38	WG2147154
Carbon tetrachloride	ND		1.00	1	10/08/2023 10:38	WG2147154
Chlorobenzene	ND		1.00	1	10/08/2023 10:38	WG2147154
Chloroethane	ND		1.00	1	10/08/2023 10:38	WG2147154

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
Chloroform	ND		1.00	1	10/08/2023 10:38	WG2147154
Chloromethane	ND		1.00	1	10/08/2023 10:38	WG2147154
Chloroprene	ND		1.70	1	10/08/2023 10:38	WG2147154
Dibromochloromethane	ND		1.00	1	10/08/2023 10:38	WG2147154
Dibromomethane	ND		1.00	1	10/08/2023 10:38	WG2147154
Dichlorodifluoromethane	ND		2.00	1	10/08/2023 10:38	WG2147154
Ethyl methacrylate	ND		3.00	1	10/08/2023 10:38	WG2147154
Ethylbenzene	ND		1.00	1	10/08/2023 10:38	WG2147154
Iodomethane	ND		1.00	1	10/08/2023 10:38	WG2147154
Isobutanol	ND		110	1	10/08/2023 10:38	WG2147154
Methacrylonitrile	ND		13.0	1	10/08/2023 10:38	WG2147154
Methyl methacrylate	ND		4.00	1	10/08/2023 10:38	WG2147154
Methylene Chloride	ND		1.07	1	10/08/2023 10:38	WG2147154
Propionitrile	ND		20.0	1	10/08/2023 10:38	WG2147154
Styrene	ND		1.00	1	10/08/2023 10:38	WG2147154
Tetrachloroethene	ND		1.00	1	10/08/2023 10:38	WG2147154
Toluene	ND		1.00	1	10/08/2023 10:38	WG2147154
Trichloroethene	ND		1.00	1	10/08/2023 10:38	WG2147154
Trichlorofluoromethane	ND		1.00	1	10/08/2023 10:38	WG2147154
Vinyl acetate	ND	J3	5.00	1	10/08/2023 10:38	WG2147154
Vinyl chloride	ND		1.00	1	10/08/2023 10:38	WG2147154
Xylenes, Total	ND		1.00	1	10/08/2023 10:38	WG2147154
cis-1,2-Dichloroethene	ND		1.00	1	10/08/2023 10:38	WG2147154
cis-1,3-Dichloropropene	ND		1.00	1	10/08/2023 10:38	WG2147154
trans-1,2-Dichloroethene	ND		1.00	1	10/08/2023 10:38	WG2147154
trans-1,3-Dichloropropene	ND		1.00	1	10/08/2023 10:38	WG2147154
trans-1,4-Dichloro-2-butene	ND		1.00	1	10/08/2023 10:38	WG2147154
(S) Toluene-d8	*107*			*80.0-120*	*10/08/2023 10:38*	WG2147154
(S) 1,2-Dichloroethane-d4	*99.9*			*70.0-130*	*10/08/2023 10:38*	WG2147154
(S) 4-Bromofluorobenzene	*89.9*			*77.0-126*	*10/08/2023 10:38*	WG2147154

Chlorinated Acid Herbicides (GC) by Method 8151

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
2,4,5-T	ND	J3	1.00	1	10/10/2023 18:48	WG2145481
2,4,5-Tp (Silvex)	ND	J3	1.00	1	10/10/2023 18:48	WG2145481
2,4-D	ND	J3	4.00	1	10/10/2023 18:48	WG2145481
(S) 2,4-Dichlorophenyl Acetic Acid	*86.6*			*14.0-158*	*10/10/2023 18:48*	WG2145481

Pesticides (GC) by Method 8081

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
4,4-DDD	ND		0.0500	1	10/08/2023 22:17	WG2147257
4,4-DDE	ND		0.0500	1	10/08/2023 22:17	WG2147257
4,4-DDT	ND		0.0500	1	10/08/2023 22:17	WG2147257
Aldrin	ND		0.0500	1	10/08/2023 22:17	WG2147257
Alpha BHC	ND		0.0500	1	10/08/2023 22:17	WG2147257
Beta BHC	ND		0.500	1	10/08/2023 22:17	WG2147257
Chlordane	ND		0.500	1	10/08/2023 22:17	WG2147257
Delta BHC	ND		0.0500	1	10/08/2023 22:17	WG2147257
Dieldrin	ND		0.0500	1	10/08/2023 22:17	WG2147257
Endosulfan I	ND		0.0500	1	10/08/2023 22:17	WG2147257
Endosulfan II	ND		0.0500	1	10/08/2023 22:17	WG2147257
Endosulfan sulfate	ND		0.0500	1	10/08/2023 22:17	WG2147257
Endrin	ND		0.0500	1	10/08/2023 22:17	WG2147257

Pesticides (GC) by Method 8081

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
Endrin aldehyde	ND		0.0500	1	10/08/2023 22:17	WG2147257
Gamma BHC	ND		0.0500	1	10/08/2023 22:17	WG2147257
Heptachlor	ND		0.0500	1	10/08/2023 22:17	WG2147257
Heptachlor epoxide	ND		0.0500	1	10/08/2023 22:17	WG2147257
Methoxychlor	ND		0.100	1	10/08/2023 22:17	WG2147257
Toxaphene	ND		5.00	1	10/08/2023 22:17	WG2147257
(S) Decachlorobiphenyl	*57.0*			*10.0-128*	*10/08/2023 22:17*	WG2147257
(S) Tetrachloro-m-xylene	*82.1*			*10.0-127*	*10/08/2023 22:17*	WG2147257

Polychlorinated Biphenyls (GC) by Method 8082

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
PCB 1016	ND		1.00	1	10/08/2023 22:17	WG2147257
PCB 1221	ND		1.00	1	10/08/2023 22:17	WG2147257
PCB 1232	ND		1.00	1	10/08/2023 22:17	WG2147257
PCB 1242	ND		1.00	1	10/08/2023 22:17	WG2147257
PCB 1248	ND		1.00	1	10/08/2023 22:17	WG2147257
PCB 1254	ND		1.00	1	10/08/2023 22:17	WG2147257
PCB 1260	ND		1.00	1	10/08/2023 22:17	WG2147257
(S) Decachlorobiphenyl	*68.3*			*10.0-128*	*10/08/2023 22:17*	WG2147257
(S) Tetrachloro-m-xylene	*90.6*			*10.0-127*	*10/08/2023 22:17*	WG2147257

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
1,2,4,5-Tetrachlorobenzene	ND		10.0	1	10/12/2023 19:41	WG2148873
1,2,4-Trichlorobenzene	ND		10.0	1	10/12/2023 19:41	WG2148873
1,3,5-Trinitrobenzene	ND		50.0	1	10/13/2023 22:34	WG2148873
1,3-Dinitrobenzene	ND		10.0	1	10/13/2023 22:34	WG2148873
1,4-Naphthoquinone	ND	J4	50.0	1	10/13/2023 22:34	WG2148873
1-Naphthylamine	ND		10.0	1	10/13/2023 22:34	WG2148873
2,2-Oxybis(1-Chloropropane)	ND		10.0	1	10/12/2023 19:41	WG2148873
2,3,4,6-Tetrachlorophenol	ND		50.0	1	10/12/2023 19:41	WG2148873
2,4,5-Trichlorophenol	ND		10.0	1	10/12/2023 19:41	WG2148873
2,4,6-Trichlorophenol	ND		10.0	1	10/12/2023 19:41	WG2148873
2,4-Dichlorophenol	ND		10.0	1	10/12/2023 19:41	WG2148873
2,4-Dimethylphenol	ND		10.0	1	10/12/2023 19:41	WG2148873
2,4-Dinitrophenol	ND		50.0	1	10/12/2023 19:41	WG2148873
2,4-Dinitrotoluene	ND		10.0	1	10/12/2023 19:41	WG2148873
2,6-Dichlorophenol	ND		10.0	1	10/13/2023 22:34	WG2148873
2,6-Dinitrotoluene	ND		10.0	1	10/12/2023 19:41	WG2148873
2-Acetylaminofluorene	ND		100	1	10/13/2023 22:34	WG2148873
2-Chloronaphthalene	ND		10.0	1	10/12/2023 19:41	WG2148873
2-Chlorophenol	ND		10.0	1	10/12/2023 19:41	WG2148873
2-Methylnaphthalene	ND		10.0	1	10/12/2023 19:41	WG2148873
2-Methylphenol	ND		10.0	1	10/12/2023 19:41	WG2148873
2-Naphthylamine	ND		10.0	1	10/13/2023 22:34	WG2148873
2-Nitroaniline	ND		50.0	1	10/12/2023 19:41	WG2148873
2-Nitrophenol	ND		10.0	1	10/12/2023 19:41	WG2148873
3&4-Methyl Phenol	ND		10.0	1	10/12/2023 19:41	WG2148873
3,3-Dichlorobenzidine	ND		50.0	1	10/12/2023 19:41	WG2148873
3,3-Dimethylbenzidine	ND	J4	20.0	1	10/13/2023 22:34	WG2148873
3-Methylcholanthrene	ND		20.0	1	10/13/2023 22:34	WG2148873
3-Nitroaniline	ND		50.0	1	10/12/2023 19:41	WG2148873
4,6-Dinitro-2-methylphenol	ND		50.0	1	10/12/2023 19:41	WG2148873

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
4-Aminobiphenyl	ND		10.0	1	10/13/2023 22:34	WG2148873
4-Bromophenyl-phenylether	ND		50.0	1	10/12/2023 19:41	WG2148873
4-Chloro-3-methylphenol	ND		10.0	1	10/12/2023 19:41	WG2148873
4-Chloroaniline	ND		10.0	1	10/12/2023 19:41	WG2148873
4-Chlorophenyl-phenylether	ND		10.0	1	10/12/2023 19:41	WG2148873
4-Nitroaniline	ND		50.0	1	10/12/2023 19:41	WG2148873
4-Nitrophenol	ND		50.0	1	10/12/2023 19:41	WG2148873
5-Nitro-o-toluidine	ND		20.0	1	10/13/2023 22:34	WG2148873
Acenaphthene	ND		10.0	1	10/12/2023 19:41	WG2148873
Acenaphthylene	ND		10.0	1	10/12/2023 19:41	WG2148873
Acetophenone	ND		10.0	1	10/12/2023 19:41	WG2148873
Anthracene	ND		10.0	1	10/12/2023 19:41	WG2148873
Benzo(A)Anthracene	ND		10.0	1	10/12/2023 19:41	WG2148873
Benzo(a)pyrene	ND		10.0	1	10/12/2023 19:41	WG2148873
Benzo(b)fluoranthene	ND		10.0	1	10/12/2023 19:41	WG2148873
Benzo(g,h,i)perylene	ND		10.0	1	10/12/2023 19:41	WG2148873
Benzo(k)fluoranthene	ND		10.0	1	10/12/2023 19:41	WG2148873
Benzyl Alcohol	ND		10.0	1	10/12/2023 19:41	WG2148873
Benzylbutyl phthalate	ND		10.0	1	10/12/2023 19:41	WG2148873
Bis(2-Ethylhexyl)phthalate	ND		10.0	1	10/12/2023 19:41	WG2148873
Bis(2-chlorethoxy)methane	ND		10.0	1	10/12/2023 19:41	WG2148873
Bis(2-chloroethyl)ether	ND		10.0	1	10/12/2023 19:41	WG2148873
Chlorobenzilate	ND		10.0	1	10/13/2023 22:34	WG2148873
Chrysene	ND		10.0	1	10/12/2023 19:41	WG2148873
Di-n-butyl phthalate	ND		10.0	1	10/12/2023 19:41	WG2148873
Di-n-octyl phthalate	ND		10.0	1	10/12/2023 19:41	WG2148873
Diallate	ND		20.0	1	10/13/2023 22:34	WG2148873
Dibenz(a,h)anthracene	ND		20.0	1	10/12/2023 19:41	WG2148873
Dibenzofuran	ND		10.0	1	10/12/2023 19:41	WG2148873
Diethyl phthalate	ND		10.0	1	10/12/2023 19:41	WG2148873
Dimethoate	ND		20.0	1	10/13/2023 22:34	WG2148873
Dimethyl phthalate	ND		10.0	1	10/12/2023 19:41	WG2148873
Dimethylbenz (A) Anthracene	ND		20.0	1	10/13/2023 22:34	WG2148873
Dinoseb	ND		17.9	1	10/13/2023 22:34	WG2148873
Diphenylamine	ND		10.0	1	10/12/2023 19:41	WG2148873
Disulfoton	ND		50.0	1	10/13/2023 22:34	WG2148873
Ethyl methanesulfonate	ND		10.0	1	10/13/2023 22:34	WG2148873
Ethyl parathion	ND		50.0	1	10/13/2023 22:34	WG2148873
Famphur	ND		200	1	10/13/2023 22:34	WG2148873
Fluoranthene	ND		1.00	1	10/12/2023 19:41	WG2148873
Fluorene	ND		10.0	1	10/12/2023 19:41	WG2148873
Hexachloro-1,3-butadiene	ND		10.0	1	10/12/2023 19:41	WG2148873
Hexachlorobenzene	ND		10.0	1	10/12/2023 19:41	WG2148873
Hexachlorocyclopentadiene	ND		50.0	1	10/12/2023 19:41	WG2148873
Hexachloroethane	ND		10.0	1	10/12/2023 19:41	WG2148873
Hexachloropropene	ND		100	1	10/13/2023 22:34	WG2148873
Indeno(1,2,3-cd)pyrene	ND		10.0	1	10/12/2023 19:41	WG2148873
Isodrin	ND		10.0	1	10/13/2023 22:34	WG2148873
Isophorone	ND		10.0	1	10/12/2023 19:41	WG2148873
Isosafrole	ND		20.0	1	10/13/2023 22:34	WG2148873
Kepone	ND		1.88	1	10/13/2023 22:34	WG2148873
Methapyrilene	ND		50.0	1	10/13/2023 22:34	WG2148873
Methyl methanesulfonate	ND		50.0	1	10/13/2023 22:34	WG2148873
Methyl parathion	ND		10.0	1	10/13/2023 22:34	WG2148873
Naphthalene	ND		10.0	1	10/12/2023 19:41	WG2148873
Nitrobenzene	ND		10.0	1	10/12/2023 19:41	WG2148873

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
O,O,O-Triethyl Phosphorothioate	ND		50.0	1	10/13/2023 22:34	WG2148873
P-(Dimethylamino) Azobenzene	ND		20.0	1	10/13/2023 22:34	WG2148873
Pentachlorobenzene	ND		10.0	1	10/13/2023 22:34	WG2148873
Pentachloronitrobenzene	ND		50.0	1	10/13/2023 22:34	WG2148873
Pentachlorophenol	ND		50.0	1	10/12/2023 19:41	WG2148873
Phenacetin	ND		10.0	1	10/13/2023 22:34	WG2148873
Phenanthrene	ND		20.0	1	10/12/2023 19:41	WG2148873
Phenol	ND		10.0	1	10/12/2023 19:41	WG2148873
Phorate	ND		50.0	1	10/13/2023 22:34	WG2148873
Pronamide	ND		20.0	1	10/13/2023 22:34	WG2148873
Pyrene	ND		10.0	1	10/12/2023 19:41	WG2148873
Safrole	ND		50.0	1	10/13/2023 22:34	WG2148873
Thionazin	ND		10.0	1	10/13/2023 22:34	WG2148873
n-Nitrosodi-n-butylamine	ND		10.0	1	10/13/2023 22:34	WG2148873
n-Nitrosodi-n-propylamine	ND		10.0	1	10/12/2023 19:41	WG2148873
n-Nitrosodiethylamine	ND		10.0	1	10/13/2023 22:34	WG2148873
n-Nitrosodimethylamine	ND		10.0	1	10/12/2023 19:41	WG2148873
n-Nitrosodiphenylamine	ND		10.0	1	10/12/2023 19:41	WG2148873
n-Nitrosomethylethylamine	ND		10.0	1	10/13/2023 22:34	WG2148873
n-Nitrosopiperidine	ND		10.0	1	10/13/2023 22:34	WG2148873
n-Nitrosopyrrolidine	ND		10.0	1	10/13/2023 22:34	WG2148873
o-Toluidine	ND		10.0	1	10/13/2023 22:34	WG2148873
p-Phenylenediamine	ND	J4	387	1	10/13/2023 22:34	WG2148873
(S) Phenol-d5	*21.4*			*10.0-120*	*10/12/2023 19:41*	WG2148873
(S) 2,4,6-Tribromophenol	*54.5*			*10.0-155*	*10/12/2023 19:41*	WG2148873
(S) p-Terphenyl-d14	*70.9*			*10.0-128*	*10/12/2023 19:41*	WG2148873
(S) Nitrobenzene-d5	*59.9*			*10.0-127*	*10/12/2023 19:41*	WG2148873
(S) 2-Fluorobiphenyl	*52.9*			*10.0-130*	*10/12/2023 19:41*	WG2148873
(S) 2-Fluorophenol	*29.3*			*10.0-120*	*10/12/2023 19:41*	WG2148873

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units
pH (On Site)	6.67	su
Specific Conductance (on site)	690	umhos/cm
Temperature (on-site)	16.9	Deg. C
Turbidity (on-site)	2.3	NTU
Dissolved Oxygen (on-site)	3.8	mg/l
eH/ORP (On Site)	139.9	mV
Depth to water (DTW) (FROM TOC)	87.91	ft

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	ND		0.100	1	10/10/2023 13:12	WG2148269

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	30.1		3.00	1	10/11/2023 22:32	WG2149492

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
TOC	2.07		1.00	1	10/12/2023 16:53	WG2149939

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units
pH (On Site)	6.42	su
Specific Conductance (on site)	702	umhos/cm
Temperature (on-site)	16.4	Deg. C
Turbidity (on-site)	2	NTU
Dissolved Oxygen (on-site)	5.6	mg/l
eH/ORP (On Site)	151.8	mV
Depth to water (DTW) (FROM TOC)	58.8	ft

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	ND		0.100	1	10/10/2023 13:14	WG2148269

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	39.3		3.00	1	10/12/2023 07:47	WG2149658

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units
pH (On Site)	7.2	su
Specific Conductance (on site)	449	umhos/cm
Temperature (on-site)	17.2	Deg. C
Turbidity (on-site)	2	NTU
Dissolved Oxygen (on-site)	6.7	mg/l
eH/ORP (On Site)	129.2	mV
Depth to water (DTW) (FROM TOC)	73.84	ft

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	ND		0.100	1	10/10/2023 13:15	WG2148269

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	4.05		3.00	1	10/13/2023 21:38	WG2149890

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units
pH (On Site)	6.56	su
Specific Conductance (on site)	315	umhos/cm
Temperature (on-site)	18.3	Deg. C
Turbidity (on-site)	18.5	NTU
Dissolved Oxygen (on-site)	7.7	mg/l
eH/ORP (On Site)	53.6	mV
Depth to water (DTW) (FROM TOC)	60.4	ft

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	ND		0.100	1	10/10/2023 13:17	WG2148269

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	6.63		3.00	1	10/13/2023 21:52	WG2149890

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units
pH (On Site)	7.07	su
Specific Conductance (on site)	513	umhos/cm
Temperature (on-site)	18.8	Deg. C
Turbidity (on-site)	2.1	NTU
Dissolved Oxygen (on-site)	7.9	mg/l
eH/ORP (On Site)	135.6	mV
Depth to water (DTW) (FROM TOC)	68.15	ft

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	ND		0.100	1	10/10/2023 13:23	WG2148269

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	7.79		3.00	1	10/13/2023 22:06	WG2149890

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units
pH (On Site)	7.11	su
Specific Conductance (on site)	656	umhos/cm
Temperature (on-site)	15.5	Deg. C
Turbidity (on-site)	8.2	NTU
Dissolved Oxygen (on-site)	4.7	mg/l
eH/ORP (On Site)	-16.8	mV
Depth to water (DTW) (FROM TOC)	46.41	ft

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	237		10.0	1	10/12/2023 12:22	WG2149548

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	19.1		3.00	1	10/13/2023 20:35	WG2149864
Sulfate	15.2		5.00	1	10/13/2023 20:35	WG2149864

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
TOC	1.55		1.00	1	10/12/2023 17:08	WG2149939

Metals (ICP) by Method 6010B

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Silver, Total Recoverable	ND		0.0500	1	10/13/2023 23:10	WG2146860
Barium,Total Recoverable	0.0187		0.00500	1	10/13/2023 23:10	WG2146860
Iron, Total Recoverable	ND		0.0600	1	10/13/2023 23:10	WG2146860
Manganese,Total Recoverable	0.237		0.00300	1	10/13/2023 23:10	WG2146860
Lead, Total Recoverable	ND		0.00500	1	10/13/2023 23:10	WG2146860
Selenium, Total Recoverable	ND		0.0100	1	10/13/2023 23:10	WG2146860

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Arsenic, Total Recoverable	ND		0.00500	1	10/11/2023 23:23	WG2146872
Beryllium, Total Recoverable	ND		0.00100	1	10/11/2023 23:23	WG2146872
Cadmium, Total Recoverable	0.00159		0.00100	1	10/11/2023 23:23	WG2146872
Cobalt,Total Recoverable	ND		0.00300	1	10/11/2023 23:23	WG2146872
Chromium, Total Recoverable	ND		0.00300	1	10/11/2023 23:23	WG2146872
Copper, Total Recoverable	ND		0.00400	1	10/11/2023 23:23	WG2146872
Nickel, Total Recoverable	0.00505		0.00400	1	10/11/2023 23:23	WG2146872
Antimony, Total Recoverable	ND		0.00200	1	10/11/2023 23:23	WG2146872
Thallium, Total Recoverable	ND		0.00100	1	10/11/2023 23:23	WG2146872
Vanadium,Total Recoverable	ND		0.00300	1	10/11/2023 23:23	WG2146872
Zinc, Total Recoverable	0.00631	J	0.00500	1	10/11/2023 23:23	WG2146872

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	ND		1.00	1	10/08/2023 20:36	WG2147452
1,1,1-Trichloroethane	ND		1.00	1	10/08/2023 20:36	WG2147452
1,1,2,2-Tetrachloroethane	ND		1.00	1	10/08/2023 20:36	WG2147452
1,1,2-Trichloroethane	ND		1.00	1	10/08/2023 20:36	WG2147452
1,1-Dichloroethane	ND		1.00	1	10/08/2023 20:36	WG2147452
1,1-Dichloroethene	ND		1.00	1	10/08/2023 20:36	WG2147452
1,2,3-Trichloropropane	ND		1.00	1	10/08/2023 20:36	WG2147452
1,2-Dibromo-3-Chloropropane	ND		2.00	1	10/08/2023 20:36	WG2147452
1,2-Dibromoethane	ND		1.00	1	10/08/2023 20:36	WG2147452
1,2-Dichlorobenzene	ND		1.00	1	10/08/2023 20:36	WG2147452
1,2-Dichloroethane	ND		1.00	1	10/08/2023 20:36	WG2147452
1,2-Dichloropropane	ND		1.00	1	10/08/2023 20:36	WG2147452
1,4-Dichlorobenzene	ND		1.00	1	10/08/2023 20:36	WG2147452
2-Butanone (MEK)	ND		5.00	1	10/08/2023 20:36	WG2147452
2-Hexanone	ND		5.00	1	10/08/2023 20:36	WG2147452
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/08/2023 20:36	WG2147452
Acetone	ND		10.0	1	10/08/2023 20:36	WG2147452
Acrylonitrile	ND		20.0	1	10/08/2023 20:36	WG2147452
Benzene	ND		1.00	1	10/08/2023 20:36	WG2147452
Bromochloromethane	ND		1.00	1	10/08/2023 20:36	WG2147452
Bromodichloromethane	ND		1.00	1	10/08/2023 20:36	WG2147452
Bromoform	ND		1.00	1	10/08/2023 20:36	WG2147452
Bromomethane	ND		1.00	1	10/08/2023 20:36	WG2147452
Carbon disulfide	ND		1.00	1	10/08/2023 20:36	WG2147452
Carbon tetrachloride	ND		1.00	1	10/08/2023 20:36	WG2147452
Chlorobenzene	ND		1.00	1	10/08/2023 20:36	WG2147452
Chloroethane	ND		1.00	1	10/08/2023 20:36	WG2147452
Chloroform	ND		1.00	1	10/08/2023 20:36	WG2147452
Chloromethane	ND	J4	1.00	1	10/08/2023 20:36	WG2147452
Dibromochloromethane	ND		1.00	1	10/08/2023 20:36	WG2147452
Dibromomethane	ND		1.00	1	10/08/2023 20:36	WG2147452
Ethylbenzene	ND		1.00	1	10/08/2023 20:36	WG2147452
Iodomethane	ND		1.00	1	10/08/2023 20:36	WG2147452
Methylene Chloride	ND		1.07	1	10/08/2023 20:36	WG2147452
Styrene	ND		1.00	1	10/08/2023 20:36	WG2147452
Tetrachloroethene	ND		1.00	1	10/08/2023 20:36	WG2147452
Toluene	ND		1.00	1	10/08/2023 20:36	WG2147452
Trichloroethene	ND		1.00	1	10/08/2023 20:36	WG2147452
Trichlorofluoromethane	ND		1.00	1	10/08/2023 20:36	WG2147452
Vinyl acetate	ND		5.00	1	10/08/2023 20:36	WG2147452
Vinyl chloride	ND		1.00	1	10/08/2023 20:36	WG2147452
Xylenes, Total	ND		1.00	1	10/08/2023 20:36	WG2147452
cis-1,2-Dichloroethene	ND		1.00	1	10/08/2023 20:36	WG2147452
cis-1,3-Dichloropropene	ND		1.00	1	10/08/2023 20:36	WG2147452
trans-1,2-Dichloroethene	ND		1.00	1	10/08/2023 20:36	WG2147452
trans-1,3-Dichloropropene	ND		1.00	1	10/08/2023 20:36	WG2147452
trans-1,4-Dichloro-2-butene	ND		1.00	1	10/08/2023 20:36	WG2147452
(S) 1,2-Dichloroethane-d4	*94.5*			*70.0-130*	*10/08/2023 20:36*	WG2147452
(S) 4-Bromofluorobenzene	*92.6*			*77.0-126*	*10/08/2023 20:36*	WG2147452
(S) Toluene-d8	*111*			*80.0-120*	*10/08/2023 20:36*	WG2147452

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units
pH (On Site)	6.26	su
Specific Conductance (on site)	471	umhos/cm
Temperature (on-site)	15.9	Deg. C
Turbidity (on-site)	3	NTU
Dissolved Oxygen (on-site)	3.3	mg/l
eH/ORP (On Site)	134.1	mV
Depth to water (DTW) (FROM TOC)	21.6	ft

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	254		10.0	1	10/10/2023 13:19	WG2148182

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	26.0		3.00	1	10/13/2023 20:48	WG2149864
Sulfate	12.5		5.00	1	10/13/2023 20:48	WG2149864

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
TOC	2.09		1.00	1	10/12/2023 17:24	WG2149939

Metals (ICP) by Method 6010B

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Silver, Total Recoverable	ND		0.0500	1	10/13/2023 23:13	WG2146860
Barium,Total Recoverable	0.0985		0.00500	1	10/13/2023 23:13	WG2146860
Iron, Total Recoverable	ND		0.0600	1	10/13/2023 23:13	WG2146860
Manganese,Total Recoverable	ND		0.00300	1	10/13/2023 23:13	WG2146860
Lead, Total Recoverable	ND		0.00500	1	10/13/2023 23:13	WG2146860
Selenium, Total Recoverable	0.0149		0.0100	1	10/13/2023 23:13	WG2146860

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Arsenic, Total Recoverable	ND		0.00500	1	10/11/2023 23:26	WG2146872
Beryllium, Total Recoverable	ND		0.00100	1	10/11/2023 23:26	WG2146872
Cadmium, Total Recoverable	ND		0.00100	1	10/11/2023 23:26	WG2146872
Cobalt,Total Recoverable	ND		0.00300	1	10/11/2023 23:26	WG2146872
Chromium, Total Recoverable	ND		0.00300	1	10/11/2023 23:26	WG2146872
Copper, Total Recoverable	ND		0.00400	1	10/11/2023 23:26	WG2146872
Nickel, Total Recoverable	ND		0.00400	1	10/11/2023 23:26	WG2146872
Antimony, Total Recoverable	ND		0.00200	1	10/11/2023 23:26	WG2146872
Thallium, Total Recoverable	ND		0.00100	1	10/11/2023 23:26	WG2146872
Vanadium,Total Recoverable	ND		0.00300	1	10/11/2023 23:26	WG2146872
Zinc, Total Recoverable	ND		0.00500	1	10/11/2023 23:26	WG2146872

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	ND		1.00	1	10/08/2023 20:55	WG2147452
1,1,1-Trichloroethane	ND		1.00	1	10/08/2023 20:55	WG2147452
1,1,2,2-Tetrachloroethane	ND		1.00	1	10/08/2023 20:55	WG2147452
1,1,2-Trichloroethane	ND		1.00	1	10/08/2023 20:55	WG2147452
1,1-Dichloroethane	ND		1.00	1	10/08/2023 20:55	WG2147452
1,1-Dichloroethene	ND		1.00	1	10/08/2023 20:55	WG2147452
1,2,3-Trichloropropane	ND		1.00	1	10/08/2023 20:55	WG2147452
1,2-Dibromo-3-Chloropropane	ND		2.00	1	10/08/2023 20:55	WG2147452
1,2-Dibromoethane	ND		1.00	1	10/08/2023 20:55	WG2147452
1,2-Dichlorobenzene	ND		1.00	1	10/08/2023 20:55	WG2147452
1,2-Dichloroethane	ND		1.00	1	10/08/2023 20:55	WG2147452
1,2-Dichloropropane	ND		1.00	1	10/08/2023 20:55	WG2147452
1,4-Dichlorobenzene	ND		1.00	1	10/08/2023 20:55	WG2147452
2-Butanone (MEK)	ND		5.00	1	10/08/2023 20:55	WG2147452
2-Hexanone	ND		5.00	1	10/08/2023 20:55	WG2147452
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/08/2023 20:55	WG2147452
Acetone	ND		10.0	1	10/08/2023 20:55	WG2147452
Acrylonitrile	ND		20.0	1	10/08/2023 20:55	WG2147452
Benzene	ND		1.00	1	10/08/2023 20:55	WG2147452
Bromochloromethane	ND		1.00	1	10/08/2023 20:55	WG2147452
Bromodichloromethane	ND		1.00	1	10/08/2023 20:55	WG2147452
Bromoform	ND		1.00	1	10/08/2023 20:55	WG2147452
Bromomethane	ND		1.00	1	10/08/2023 20:55	WG2147452
Carbon disulfide	ND		1.00	1	10/08/2023 20:55	WG2147452
Carbon tetrachloride	ND		1.00	1	10/08/2023 20:55	WG2147452
Chlorobenzene	ND		1.00	1	10/08/2023 20:55	WG2147452
Chloroethane	ND		1.00	1	10/08/2023 20:55	WG2147452
Chloroform	ND		1.00	1	10/08/2023 20:55	WG2147452
Chloromethane	ND	J4	1.00	1	10/08/2023 20:55	WG2147452
Dibromochloromethane	ND		1.00	1	10/08/2023 20:55	WG2147452
Dibromomethane	ND		1.00	1	10/08/2023 20:55	WG2147452
Ethylbenzene	ND		1.00	1	10/08/2023 20:55	WG2147452
Iodomethane	ND		1.00	1	10/08/2023 20:55	WG2147452
Methylene Chloride	ND		1.07	1	10/08/2023 20:55	WG2147452
Styrene	ND		1.00	1	10/08/2023 20:55	WG2147452
Tetrachloroethene	ND		1.00	1	10/08/2023 20:55	WG2147452
Toluene	ND		1.00	1	10/08/2023 20:55	WG2147452
Trichloroethene	ND		1.00	1	10/08/2023 20:55	WG2147452
Trichlorofluoromethane	ND		1.00	1	10/08/2023 20:55	WG2147452
Vinyl acetate	ND		5.00	1	10/08/2023 20:55	WG2147452
Vinyl chloride	ND		1.00	1	10/08/2023 20:55	WG2147452
Xylenes, Total	ND		1.00	1	10/08/2023 20:55	WG2147452
cis-1,2-Dichloroethene	ND		1.00	1	10/08/2023 20:55	WG2147452
cis-1,3-Dichloropropene	ND		1.00	1	10/08/2023 20:55	WG2147452
trans-1,2-Dichloroethene	ND		1.00	1	10/08/2023 20:55	WG2147452
trans-1,3-Dichloropropene	ND		1.00	1	10/08/2023 20:55	WG2147452
trans-1,4-Dichloro-2-butene	ND		1.00	1	10/08/2023 20:55	WG2147452
(S) 1,2-Dichloroethane-d4	*91.5*			*70.0-130*	*10/08/2023 20:55*	WG2147452
(S) 4-Bromofluorobenzene	*92.3*			*77.0-126*	*10/08/2023 20:55*	WG2147452
(S) Toluene-d8	*114*			*80.0-120*	*10/08/2023 20:55*	WG2147452

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units
pH (On Site)	7.21	su
Specific Conductance (on site)	579	umhos/cm
Temperature (on-site)	17.7	Deg. C
Turbidity (on-site)	4.9	NTU
Dissolved Oxygen (on-site)	8.6	mg/l
eH/ORP (On Site)	127.6	mV
Depth to water (DTW) (FROM TOC)	64.73	ft

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	48.0		10.0	1	10/10/2023 12:55	WG2148179

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	4.52		3.00	1	10/13/2023 21:01	WG2149864
Sulfate	5.11		5.00	1	10/13/2023 21:01	WG2149864

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
TOC	1.07		1.00	1	10/12/2023 17:38	WG2149939

Metals (ICP) by Method 6010B

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Silver, Total Recoverable	ND		0.0500	1	10/13/2023 23:16	WG2146860
Barium,Total Recoverable	0.0275		0.00500	1	10/13/2023 23:16	WG2146860
Iron, Total Recoverable	ND		0.0600	1	10/13/2023 23:16	WG2146860
Manganese,Total Recoverable	0.00468	J	0.00300	1	10/13/2023 23:16	WG2146860
Lead, Total Recoverable	ND		0.00500	1	10/13/2023 23:16	WG2146860
Selenium, Total Recoverable	ND		0.0100	1	10/13/2023 23:16	WG2146860

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Arsenic, Total Recoverable	ND		0.00500	1	10/11/2023 23:29	WG2146872
Beryllium, Total Recoverable	ND		0.00100	1	10/11/2023 23:29	WG2146872
Cadmium, Total Recoverable	ND		0.00100	1	10/11/2023 23:29	WG2146872
Cobalt,Total Recoverable	ND		0.00300	1	10/11/2023 23:29	WG2146872
Chromium, Total Recoverable	ND		0.00300	1	10/11/2023 23:29	WG2146872
Copper, Total Recoverable	ND		0.00400	1	10/11/2023 23:29	WG2146872
Nickel, Total Recoverable	0.00633		0.00400	1	10/11/2023 23:29	WG2146872
Antimony, Total Recoverable	ND		0.00200	1	10/11/2023 23:29	WG2146872
Thallium, Total Recoverable	ND		0.00100	1	10/11/2023 23:29	WG2146872
Vanadium,Total Recoverable	ND		0.00300	1	10/11/2023 23:29	WG2146872
Zinc, Total Recoverable	ND		0.00500	1	10/11/2023 23:29	WG2146872

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	ND		1.00	1	10/08/2023 21:14	WG2147452
1,1,1-Trichloroethane	ND		1.00	1	10/08/2023 21:14	WG2147452
1,1,2,2-Tetrachloroethane	ND		1.00	1	10/08/2023 21:14	WG2147452
1,1,2-Trichloroethane	ND		1.00	1	10/08/2023 21:14	WG2147452
1,1-Dichloroethane	ND		1.00	1	10/08/2023 21:14	WG2147452
1,1-Dichloroethene	ND		1.00	1	10/08/2023 21:14	WG2147452
1,2,3-Trichloropropane	ND		1.00	1	10/08/2023 21:14	WG2147452
1,2-Dibromo-3-Chloropropane	ND		2.00	1	10/08/2023 21:14	WG2147452
1,2-Dibromoethane	ND		1.00	1	10/08/2023 21:14	WG2147452
1,2-Dichlorobenzene	ND		1.00	1	10/08/2023 21:14	WG2147452
1,2-Dichloroethane	ND		1.00	1	10/08/2023 21:14	WG2147452
1,2-Dichloropropane	ND		1.00	1	10/08/2023 21:14	WG2147452
1,4-Dichlorobenzene	ND		1.00	1	10/08/2023 21:14	WG2147452
2-Butanone (MEK)	ND		5.00	1	10/08/2023 21:14	WG2147452
2-Hexanone	ND		5.00	1	10/08/2023 21:14	WG2147452
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/08/2023 21:14	WG2147452
Acetone	ND		10.0	1	10/08/2023 21:14	WG2147452
Acrylonitrile	ND		20.0	1	10/08/2023 21:14	WG2147452
Benzene	ND		1.00	1	10/08/2023 21:14	WG2147452
Bromochloromethane	ND		1.00	1	10/08/2023 21:14	WG2147452
Bromodichloromethane	ND		1.00	1	10/08/2023 21:14	WG2147452
Bromoform	ND		1.00	1	10/08/2023 21:14	WG2147452
Bromomethane	ND		1.00	1	10/08/2023 21:14	WG2147452
Carbon disulfide	ND		1.00	1	10/08/2023 21:14	WG2147452
Carbon tetrachloride	ND		1.00	1	10/08/2023 21:14	WG2147452
Chlorobenzene	ND		1.00	1	10/08/2023 21:14	WG2147452
Chloroethane	ND		1.00	1	10/08/2023 21:14	WG2147452
Chloroform	ND		1.00	1	10/08/2023 21:14	WG2147452
Chloromethane	ND	J4	1.00	1	10/08/2023 21:14	WG2147452
Dibromochloromethane	ND		1.00	1	10/08/2023 21:14	WG2147452
Dibromomethane	ND		1.00	1	10/08/2023 21:14	WG2147452
Ethylbenzene	ND		1.00	1	10/08/2023 21:14	WG2147452
Iodomethane	ND		1.00	1	10/08/2023 21:14	WG2147452
Methylene Chloride	ND		1.07	1	10/08/2023 21:14	WG2147452
Styrene	ND		1.00	1	10/08/2023 21:14	WG2147452
Tetrachloroethene	ND		1.00	1	10/08/2023 21:14	WG2147452
Toluene	ND		1.00	1	10/08/2023 21:14	WG2147452
Trichloroethene	ND		1.00	1	10/08/2023 21:14	WG2147452
Trichlorofluoromethane	ND		1.00	1	10/08/2023 21:14	WG2147452
Vinyl acetate	ND		5.00	1	10/08/2023 21:14	WG2147452
Vinyl chloride	ND		1.00	1	10/08/2023 21:14	WG2147452
Xylenes, Total	ND		1.00	1	10/08/2023 21:14	WG2147452
cis-1,2-Dichloroethene	ND		1.00	1	10/08/2023 21:14	WG2147452
cis-1,3-Dichloropropene	ND		1.00	1	10/08/2023 21:14	WG2147452
trans-1,2-Dichloroethene	ND		1.00	1	10/08/2023 21:14	WG2147452
trans-1,3-Dichloropropene	ND		1.00	1	10/08/2023 21:14	WG2147452
trans-1,4-Dichloro-2-butene	ND		1.00	1	10/08/2023 21:14	WG2147452
(S) 1,2-Dichloroethane-d4	*92.3*			*70.0-130*	*10/08/2023 21:14*	WG2147452
(S) 4-Bromofluorobenzene	*94.2*			*77.0-126*	*10/08/2023 21:14*	WG2147452
(S) Toluene-d8	*114*			*80.0-120*	*10/08/2023 21:14*	WG2147452

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units
pH (On Site)	6.6	su
Specific Conductance (on site)	758	umhos/cm
Temperature (on-site)	15.7	Deg. C
Turbidity (on-site)	5.7	NTU
Dissolved Oxygen (on-site)	0.8	mg/l
eH/ORP (On Site)	-75.3	mV
Depth to water (DTW) (FROM TOC)	70.45	ft

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	341		10.0	1	10/10/2023 13:19	WG2148182

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	9.86		3.00	1	10/13/2023 21:13	WG2149864
Sulfate	ND		5.00	1	10/13/2023 21:13	WG2149864

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
TOC	1.55		1.00	1	10/12/2023 17:52	WG2149939

Metals (ICP) by Method 6010B

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Silver, Total Recoverable	ND		0.0500	1	10/13/2023 23:19	WG2146860
Barium,Total Recoverable	0.0434		0.00500	1	10/13/2023 23:19	WG2146860
Iron, Total Recoverable	9.15		0.0600	1	10/13/2023 23:19	WG2146860
Manganese,Total Recoverable	1.48		0.00300	1	10/13/2023 23:19	WG2146860
Lead, Total Recoverable	ND		0.00500	1	10/13/2023 23:19	WG2146860
Selenium, Total Recoverable	ND		0.0100	1	10/13/2023 23:19	WG2146860

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Arsenic, Total Recoverable	ND		0.00500	1	10/11/2023 23:33	WG2146872
Beryllium, Total Recoverable	ND		0.00100	1	10/11/2023 23:33	WG2146872
Cadmium, Total Recoverable	ND		0.00100	1	10/11/2023 23:33	WG2146872
Cobalt,Total Recoverable	0.0351		0.00300	1	10/11/2023 23:33	WG2146872
Chromium, Total Recoverable	ND		0.00300	1	10/11/2023 23:33	WG2146872
Copper, Total Recoverable	ND		0.00400	1	10/11/2023 23:33	WG2146872
Nickel, Total Recoverable	0.110		0.00400	1	10/11/2023 23:33	WG2146872
Antimony, Total Recoverable	ND		0.00200	1	10/11/2023 23:33	WG2146872
Thallium, Total Recoverable	ND		0.00100	1	10/11/2023 23:33	WG2146872
Vanadium,Total Recoverable	ND		0.00300	1	10/11/2023 23:33	WG2146872
Zinc, Total Recoverable	0.0469		0.00500	1	10/11/2023 23:33	WG2146872

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	ND		1.00	1	10/08/2023 21:33	WG2147452
1,1,1-Trichloroethane	ND		1.00	1	10/08/2023 21:33	WG2147452
1,1,2,2-Tetrachloroethane	ND		1.00	1	10/08/2023 21:33	WG2147452
1,1,2-Trichloroethane	ND		1.00	1	10/08/2023 21:33	WG2147452
1,1-Dichloroethane	ND		1.00	1	10/08/2023 21:33	WG2147452
1,1-Dichloroethene	ND		1.00	1	10/08/2023 21:33	WG2147452
1,2,3-Trichloropropane	ND		1.00	1	10/08/2023 21:33	WG2147452
1,2-Dibromo-3-Chloropropane	ND		2.00	1	10/08/2023 21:33	WG2147452
1,2-Dibromoethane	ND		1.00	1	10/08/2023 21:33	WG2147452
1,2-Dichlorobenzene	ND		1.00	1	10/08/2023 21:33	WG2147452
1,2-Dichloroethane	ND		1.00	1	10/08/2023 21:33	WG2147452
1,2-Dichloropropane	ND		1.00	1	10/08/2023 21:33	WG2147452
1,4-Dichlorobenzene	ND		1.00	1	10/08/2023 21:33	WG2147452
2-Butanone (MEK)	ND		5.00	1	10/08/2023 21:33	WG2147452
2-Hexanone	ND		5.00	1	10/08/2023 21:33	WG2147452
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/08/2023 21:33	WG2147452
Acetone	ND		10.0	1	10/08/2023 21:33	WG2147452
Acrylonitrile	ND		20.0	1	10/08/2023 21:33	WG2147452
Benzene	ND		1.00	1	10/08/2023 21:33	WG2147452
Bromochloromethane	ND		1.00	1	10/08/2023 21:33	WG2147452
Bromodichloromethane	ND		1.00	1	10/08/2023 21:33	WG2147452
Bromoform	ND		1.00	1	10/08/2023 21:33	WG2147452
Bromomethane	ND		1.00	1	10/08/2023 21:33	WG2147452
Carbon disulfide	ND		1.00	1	10/08/2023 21:33	WG2147452
Carbon tetrachloride	ND		1.00	1	10/08/2023 21:33	WG2147452
Chlorobenzene	ND		1.00	1	10/08/2023 21:33	WG2147452
Chloroethane	ND		1.00	1	10/08/2023 21:33	WG2147452
Chloroform	ND		1.00	1	10/08/2023 21:33	WG2147452
Chloromethane	ND	J4	1.00	1	10/08/2023 21:33	WG2147452
Dibromochloromethane	ND		1.00	1	10/08/2023 21:33	WG2147452
Dibromomethane	ND		1.00	1	10/08/2023 21:33	WG2147452
Ethylbenzene	ND		1.00	1	10/08/2023 21:33	WG2147452
Iodomethane	ND		1.00	1	10/08/2023 21:33	WG2147452
Methylene Chloride	ND		1.07	1	10/08/2023 21:33	WG2147452
Styrene	ND		1.00	1	10/08/2023 21:33	WG2147452
Tetrachloroethene	ND		1.00	1	10/08/2023 21:33	WG2147452
Toluene	ND		1.00	1	10/08/2023 21:33	WG2147452
Trichloroethene	ND		1.00	1	10/08/2023 21:33	WG2147452
Trichlorofluoromethane	ND		1.00	1	10/08/2023 21:33	WG2147452
Vinyl acetate	ND		5.00	1	10/08/2023 21:33	WG2147452
Vinyl chloride	ND		1.00	1	10/08/2023 21:33	WG2147452
Xylenes, Total	ND		1.00	1	10/08/2023 21:33	WG2147452
cis-1,2-Dichloroethene	ND		1.00	1	10/08/2023 21:33	WG2147452
cis-1,3-Dichloropropene	ND		1.00	1	10/08/2023 21:33	WG2147452
trans-1,2-Dichloroethene	ND		1.00	1	10/08/2023 21:33	WG2147452
trans-1,3-Dichloropropene	ND		1.00	1	10/08/2023 21:33	WG2147452
trans-1,4-Dichloro-2-butene	ND		1.00	1	10/08/2023 21:33	WG2147452
(S) 1,2-Dichloroethane-d4	*98.7*			*70.0-130*	*10/08/2023 21:33*	WG2147452
(S) 4-Bromofluorobenzene	*93.9*			*77.0-126*	*10/08/2023 21:33*	WG2147452
(S) Toluene-d8	*114*			*80.0-120*	*10/08/2023 21:33*	WG2147452

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units
pH (On Site)	6.61	su
Specific Conductance (on site)	808	umhos/cm
Temperature (on-site)	16.8	Deg. C
Turbidity (on-site)	21.1	NTU
Dissolved Oxygen (on-site)	2.1	mg/l
eH/ORP (On Site)	10.8	mV
Depth to water (DTW) (FROM TOC)	67.71	ft

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	359		10.0	1	10/10/2023 13:19	WG2148182

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	21.2		3.00	1	10/13/2023 21:51	WG2149864
Sulfate	6.08		5.00	1	10/13/2023 21:51	WG2149864

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
TOC	1.65		1.00	1	10/12/2023 18:06	WG2149939

Metals (ICP) by Method 6010B

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Silver, Total Recoverable	ND		0.0500	1	10/13/2023 23:21	WG2146860
Barium,Total Recoverable	0.0441		0.00500	1	10/13/2023 23:21	WG2146860
Iron, Total Recoverable	4.04		0.0600	1	10/13/2023 23:21	WG2146860
Manganese,Total Recoverable	0.124		0.00300	1	10/13/2023 23:21	WG2146860
Lead, Total Recoverable	ND		0.00500	1	10/13/2023 23:21	WG2146860
Selenium, Total Recoverable	ND		0.0100	1	10/13/2023 23:21	WG2146860

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Arsenic, Total Recoverable	ND		0.00500	1	10/11/2023 23:36	WG2146872
Beryllium, Total Recoverable	ND		0.00100	1	10/11/2023 23:36	WG2146872
Cadmium, Total Recoverable	0.0200		0.00100	1	10/11/2023 23:36	WG2146872
Cobalt,Total Recoverable	0.0144		0.00300	1	10/11/2023 23:36	WG2146872
Chromium, Total Recoverable	ND		0.00300	1	10/11/2023 23:36	WG2146872
Copper, Total Recoverable	ND		0.00400	1	10/11/2023 23:36	WG2146872
Nickel, Total Recoverable	0.0228		0.00400	1	10/11/2023 23:36	WG2146872
Antimony, Total Recoverable	ND		0.00200	1	10/11/2023 23:36	WG2146872
Thallium, Total Recoverable	ND		0.00100	1	10/11/2023 23:36	WG2146872
Vanadium,Total Recoverable	ND		0.00300	1	10/11/2023 23:36	WG2146872
Zinc, Total Recoverable	0.0327		0.00500	1	10/11/2023 23:36	WG2146872

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	ND		1.00	1	10/08/2023 21:52	WG2147452
1,1,1-Trichloroethane	ND		1.00	1	10/08/2023 21:52	WG2147452
1,1,2,2-Tetrachloroethane	ND		1.00	1	10/08/2023 21:52	WG2147452
1,1,2-Trichloroethane	ND		1.00	1	10/08/2023 21:52	WG2147452
1,1-Dichloroethane	ND		1.00	1	10/08/2023 21:52	WG2147452
1,1-Dichloroethene	ND		1.00	1	10/08/2023 21:52	WG2147452
1,2,3-Trichloropropane	ND		1.00	1	10/08/2023 21:52	WG2147452
1,2-Dibromo-3-Chloropropane	ND		2.00	1	10/08/2023 21:52	WG2147452
1,2-Dibromoethane	ND		1.00	1	10/08/2023 21:52	WG2147452
1,2-Dichlorobenzene	ND		1.00	1	10/08/2023 21:52	WG2147452
1,2-Dichloroethane	ND		1.00	1	10/08/2023 21:52	WG2147452
1,2-Dichloropropane	ND		1.00	1	10/08/2023 21:52	WG2147452
1,4-Dichlorobenzene	ND		1.00	1	10/08/2023 21:52	WG2147452
2-Butanone (MEK)	ND		5.00	1	10/08/2023 21:52	WG2147452
2-Hexanone	ND		5.00	1	10/08/2023 21:52	WG2147452
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/08/2023 21:52	WG2147452
Acetone	ND		10.0	1	10/08/2023 21:52	WG2147452
Acrylonitrile	ND		20.0	1	10/08/2023 21:52	WG2147452
Benzene	ND		1.00	1	10/08/2023 21:52	WG2147452
Bromochloromethane	ND		1.00	1	10/08/2023 21:52	WG2147452
Bromodichloromethane	ND		1.00	1	10/08/2023 21:52	WG2147452
Bromoform	ND		1.00	1	10/08/2023 21:52	WG2147452
Bromomethane	ND		1.00	1	10/08/2023 21:52	WG2147452
Carbon disulfide	ND		1.00	1	10/08/2023 21:52	WG2147452
Carbon tetrachloride	ND		1.00	1	10/08/2023 21:52	WG2147452
Chlorobenzene	ND		1.00	1	10/08/2023 21:52	WG2147452
Chloroethane	ND		1.00	1	10/08/2023 21:52	WG2147452
Chloroform	ND		1.00	1	10/08/2023 21:52	WG2147452
Chloromethane	ND	J4	1.00	1	10/08/2023 21:52	WG2147452
Dibromochloromethane	ND		1.00	1	10/08/2023 21:52	WG2147452
Dibromomethane	ND		1.00	1	10/08/2023 21:52	WG2147452
Ethylbenzene	ND		1.00	1	10/08/2023 21:52	WG2147452
Iodomethane	ND		1.00	1	10/08/2023 21:52	WG2147452
Methylene Chloride	ND		1.07	1	10/08/2023 21:52	WG2147452
Styrene	ND		1.00	1	10/08/2023 21:52	WG2147452
Tetrachloroethene	ND		1.00	1	10/08/2023 21:52	WG2147452
Toluene	ND		1.00	1	10/08/2023 21:52	WG2147452
Trichloroethene	ND		1.00	1	10/08/2023 21:52	WG2147452
Trichlorofluoromethane	ND		1.00	1	10/08/2023 21:52	WG2147452
Vinyl acetate	ND		5.00	1	10/08/2023 21:52	WG2147452
Vinyl chloride	ND		1.00	1	10/08/2023 21:52	WG2147452
Xylenes, Total	ND		1.00	1	10/08/2023 21:52	WG2147452
cis-1,2-Dichloroethene	ND		1.00	1	10/08/2023 21:52	WG2147452
cis-1,3-Dichloropropene	ND		1.00	1	10/08/2023 21:52	WG2147452
trans-1,2-Dichloroethene	ND		1.00	1	10/08/2023 21:52	WG2147452
trans-1,3-Dichloropropene	ND		1.00	1	10/08/2023 21:52	WG2147452
trans-1,4-Dichloro-2-butene	ND		1.00	1	10/08/2023 21:52	WG2147452
(S) 1,2-Dichloroethane-d4	*91.9*			*70.0-130*	*10/08/2023 21:52*	WG2147452
(S) 4-Bromofluorobenzene	*91.6*			*77.0-126*	*10/08/2023 21:52*	WG2147452
(S) Toluene-d8	*113*			*80.0-120*	*10/08/2023 21:52*	WG2147452

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units
pH (On Site)	6.59	su
Specific Conductance (on site)	806	umhos/cm
Temperature (on-site)	16.7	Deg. C
Turbidity (on-site)	10.4	NTU
Dissolved Oxygen (on-site)	1.6	mg/l
eH/ORP (On Site)	49.3	mV
Depth to water (DTW) (FROM TOC)	71.85	ft

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	389	Q	10.0	1	10/13/2023 00:00	WG2150228

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	13.7		3.00	1	10/13/2023 22:04	WG2149864
Sulfate	ND		5.00	1	10/13/2023 22:04	WG2149864

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
TOC	1.69		1.00	1	10/12/2023 18:20	WG2149939

Metals (ICP) by Method 6010B

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Silver, Total Recoverable	ND		0.0500	1	10/13/2023 23:24	WG2146860
Barium,Total Recoverable	0.0458		0.00500	1	10/13/2023 23:24	WG2146860
Iron, Total Recoverable	1.87		0.0600	1	10/13/2023 23:24	WG2146860
Manganese,Total Recoverable	0.0325		0.00300	1	10/13/2023 23:24	WG2146860
Lead, Total Recoverable	ND		0.00500	1	10/13/2023 23:24	WG2146860
Selenium, Total Recoverable	ND		0.0100	1	10/13/2023 23:24	WG2146860

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Arsenic, Total Recoverable	ND		0.00500	1	10/11/2023 23:39	WG2146872
Beryllium, Total Recoverable	ND		0.00100	1	10/11/2023 23:39	WG2146872
Cadmium, Total Recoverable	ND		0.00100	1	10/11/2023 23:39	WG2146872
Cobalt,Total Recoverable	ND		0.00300	1	10/11/2023 23:39	WG2146872
Chromium, Total Recoverable	ND		0.00300	1	10/11/2023 23:39	WG2146872
Copper, Total Recoverable	ND		0.00400	1	10/11/2023 23:39	WG2146872
Nickel, Total Recoverable	0.0235		0.00400	1	10/11/2023 23:39	WG2146872
Antimony, Total Recoverable	ND		0.00200	1	10/11/2023 23:39	WG2146872
Thallium, Total Recoverable	ND		0.00100	1	10/11/2023 23:39	WG2146872
Vanadium,Total Recoverable	ND		0.00300	1	10/11/2023 23:39	WG2146872
Zinc, Total Recoverable	0.0161	J	0.00500	1	10/11/2023 23:39	WG2146872

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	ND		1.00	1	10/10/2023 01:58	WG2148115
1,1,1-Trichloroethane	ND		1.00	1	10/10/2023 01:58	WG2148115
1,1,2,2-Tetrachloroethane	ND		1.00	1	10/10/2023 01:58	WG2148115
1,1,2-Trichloroethane	ND		1.00	1	10/10/2023 01:58	WG2148115
1,1-Dichloroethane	ND		1.00	1	10/10/2023 01:58	WG2148115
1,1-Dichloroethene	ND		1.00	1	10/10/2023 01:58	WG2148115
1,2,3-Trichloropropane	ND		1.00	1	10/10/2023 01:58	WG2148115
1,2-Dibromo-3-Chloropropane	ND	J3	2.00	1	10/10/2023 01:58	WG2148115
1,2-Dibromoethane	ND		1.00	1	10/10/2023 01:58	WG2148115
1,2-Dichlorobenzene	ND		1.00	1	10/10/2023 01:58	WG2148115
1,2-Dichloroethane	ND		1.00	1	10/10/2023 01:58	WG2148115
1,2-Dichloropropane	ND		1.00	1	10/10/2023 01:58	WG2148115
1,4-Dichlorobenzene	ND		1.00	1	10/10/2023 01:58	WG2148115
2-Butanone (MEK)	ND	J3	5.00	1	10/10/2023 01:58	WG2148115
2-Hexanone	ND		5.00	1	10/10/2023 01:58	WG2148115
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/10/2023 01:58	WG2148115
Acetone	ND		10.0	1	10/10/2023 01:58	WG2148115
Acrylonitrile	ND		20.0	1	10/10/2023 01:58	WG2148115
Benzene	ND		1.00	1	10/10/2023 01:58	WG2148115
Bromochloromethane	ND		1.00	1	10/10/2023 01:58	WG2148115
Bromodichloromethane	ND		1.00	1	10/10/2023 01:58	WG2148115
Bromoform	ND		1.00	1	10/10/2023 01:58	WG2148115
Bromomethane	ND		1.00	1	10/10/2023 01:58	WG2148115
Carbon disulfide	ND		1.00	1	10/10/2023 01:58	WG2148115
Carbon tetrachloride	ND		1.00	1	10/10/2023 01:58	WG2148115
Chlorobenzene	ND		1.00	1	10/10/2023 01:58	WG2148115
Chloroethane	ND		1.00	1	10/10/2023 01:58	WG2148115
Chloroform	ND		1.00	1	10/10/2023 01:58	WG2148115
Chloromethane	ND		1.00	1	10/10/2023 01:58	WG2148115
Dibromochloromethane	ND		1.00	1	10/10/2023 01:58	WG2148115
Dibromomethane	ND		1.00	1	10/10/2023 01:58	WG2148115
Ethylbenzene	ND		1.00	1	10/10/2023 01:58	WG2148115
Iodomethane	ND		1.00	1	10/10/2023 01:58	WG2148115
Methylene Chloride	ND		1.07	1	10/10/2023 01:58	WG2148115
Styrene	ND		1.00	1	10/10/2023 01:58	WG2148115
Tetrachloroethene	ND		1.00	1	10/10/2023 01:58	WG2148115
Toluene	ND		1.00	1	10/10/2023 01:58	WG2148115
Trichloroethene	ND		1.00	1	10/10/2023 01:58	WG2148115
Trichlorofluoromethane	ND		1.00	1	10/10/2023 01:58	WG2148115
Vinyl acetate	ND		5.00	1	10/10/2023 01:58	WG2148115
Vinyl chloride	ND		1.00	1	10/10/2023 01:58	WG2148115
Xylenes, Total	ND		1.00	1	10/10/2023 01:58	WG2148115
cis-1,2-Dichloroethene	ND		1.00	1	10/10/2023 01:58	WG2148115
cis-1,3-Dichloropropene	ND		1.00	1	10/10/2023 01:58	WG2148115
trans-1,2-Dichloroethene	ND		1.00	1	10/10/2023 01:58	WG2148115
trans-1,3-Dichloropropene	ND		1.00	1	10/10/2023 01:58	WG2148115
trans-1,4-Dichloro-2-butene	ND		1.00	1	10/10/2023 01:58	WG2148115
(S) 1,2-Dichloroethane-d4	*117*			*70.0-130*	*10/10/2023 01:58*	WG2148115
(S) 4-Bromofluorobenzene	*107*			*77.0-126*	*10/10/2023 01:58*	WG2148115
(S) Toluene-d8	*97.2*			*80.0-120*	*10/10/2023 01:58*	WG2148115

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units
pH (On Site)	6.68	su
Specific Conductance (on site)	776	umhos/cm
Temperature (on-site)	16.3	Deg. C
Turbidity (on-site)	2.2	NTU
Dissolved Oxygen (on-site)	0.5	mg/l
eH/ORP (On Site)	137	mV
Depth to water (DTW) (FROM TOC)	32.79	ft

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	351		10.0	1	10/10/2023 12:55	WG2148179

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	29.9		3.00	1	10/13/2023 23:50	WG2149878
Sulfate	21.6		5.00	1	10/13/2023 23:50	WG2149878

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
TOC	2.02		1.00	1	10/12/2023 19:10	WG2149939

Metals (ICP) by Method 6010B

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Silver, Total Recoverable	ND		0.0500	1	10/13/2023 23:42	WG2146860
Barium,Total Recoverable	0.139		0.00500	1	10/13/2023 23:42	WG2146860
Iron, Total Recoverable	ND		0.0600	1	10/13/2023 23:42	WG2146860
Manganese,Total Recoverable	2.41		0.00300	1	10/13/2023 23:42	WG2146860
Lead, Total Recoverable	ND		0.00500	1	10/13/2023 23:42	WG2146860
Selenium, Total Recoverable	ND		0.0100	1	10/13/2023 23:42	WG2146860

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Arsenic, Total Recoverable	ND		0.00500	1	10/11/2023 23:42	WG2146872
Beryllium, Total Recoverable	ND		0.00100	1	10/11/2023 23:42	WG2146872
Cadmium, Total Recoverable	0.00453		0.00100	1	10/11/2023 23:42	WG2146872
Cobalt,Total Recoverable	ND		0.00300	1	10/11/2023 23:42	WG2146872
Chromium, Total Recoverable	ND		0.00300	1	10/11/2023 23:42	WG2146872
Copper, Total Recoverable	ND		0.00400	1	10/11/2023 23:42	WG2146872
Nickel, Total Recoverable	0.0164		0.00400	1	10/11/2023 23:42	WG2146872
Antimony, Total Recoverable	ND		0.00200	1	10/11/2023 23:42	WG2146872
Thallium, Total Recoverable	ND		0.00100	1	10/11/2023 23:42	WG2146872
Vanadium,Total Recoverable	ND		0.00300	1	10/11/2023 23:42	WG2146872
Zinc, Total Recoverable	0.0188	J	0.00500	1	10/11/2023 23:42	WG2146872

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	ND		1.00	1	10/10/2023 02:17	WG2148115
1,1,1-Trichloroethane	ND		1.00	1	10/10/2023 02:17	WG2148115
1,1,2,2-Tetrachloroethane	ND		1.00	1	10/10/2023 02:17	WG2148115
1,1,2-Trichloroethane	ND		1.00	1	10/10/2023 02:17	WG2148115
1,1-Dichloroethane	ND		1.00	1	10/10/2023 02:17	WG2148115
1,1-Dichloroethene	ND		1.00	1	10/10/2023 02:17	WG2148115
1,2,3-Trichloropropane	ND		1.00	1	10/10/2023 02:17	WG2148115
1,2-Dibromo-3-Chloropropane	ND	J3	2.00	1	10/10/2023 02:17	WG2148115
1,2-Dibromoethane	ND		1.00	1	10/10/2023 02:17	WG2148115
1,2-Dichlorobenzene	ND		1.00	1	10/10/2023 02:17	WG2148115
1,2-Dichloroethane	ND		1.00	1	10/10/2023 02:17	WG2148115
1,2-Dichloropropane	ND		1.00	1	10/10/2023 02:17	WG2148115
1,4-Dichlorobenzene	ND		1.00	1	10/10/2023 02:17	WG2148115
2-Butanone (MEK)	ND	J3	5.00	1	10/10/2023 02:17	WG2148115
2-Hexanone	ND		5.00	1	10/10/2023 02:17	WG2148115
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/10/2023 02:17	WG2148115
Acetone	ND		10.0	1	10/10/2023 02:17	WG2148115
Acrylonitrile	ND		20.0	1	10/10/2023 02:17	WG2148115
Benzene	ND		1.00	1	10/10/2023 02:17	WG2148115
Bromochloromethane	ND		1.00	1	10/10/2023 02:17	WG2148115
Bromodichloromethane	ND		1.00	1	10/10/2023 02:17	WG2148115
Bromoform	ND		1.00	1	10/10/2023 02:17	WG2148115
Bromomethane	ND		1.00	1	10/10/2023 02:17	WG2148115
Carbon disulfide	ND		1.00	1	10/10/2023 02:17	WG2148115
Carbon tetrachloride	ND		1.00	1	10/10/2023 02:17	WG2148115
Chlorobenzene	ND		1.00	1	10/10/2023 02:17	WG2148115
Chloroethane	ND		1.00	1	10/10/2023 02:17	WG2148115
Chloroform	ND		1.00	1	10/10/2023 02:17	WG2148115
Chloromethane	ND		1.00	1	10/10/2023 02:17	WG2148115
Dibromochloromethane	ND		1.00	1	10/10/2023 02:17	WG2148115
Dibromomethane	ND		1.00	1	10/10/2023 02:17	WG2148115
Ethylbenzene	ND		1.00	1	10/10/2023 02:17	WG2148115
Iodomethane	ND		1.00	1	10/10/2023 02:17	WG2148115
Methylene Chloride	ND		1.07	1	10/10/2023 02:17	WG2148115
Styrene	ND		1.00	1	10/10/2023 02:17	WG2148115
Tetrachloroethene	ND		1.00	1	10/10/2023 02:17	WG2148115
Toluene	ND		1.00	1	10/10/2023 02:17	WG2148115
Trichloroethene	ND		1.00	1	10/10/2023 02:17	WG2148115
Trichlorofluoromethane	ND		1.00	1	10/10/2023 02:17	WG2148115
Vinyl acetate	ND		5.00	1	10/10/2023 02:17	WG2148115
Vinyl chloride	ND		1.00	1	10/10/2023 02:17	WG2148115
Xylenes, Total	ND		1.00	1	10/10/2023 02:17	WG2148115
cis-1,2-Dichloroethene	ND		1.00	1	10/10/2023 02:17	WG2148115
cis-1,3-Dichloropropene	ND		1.00	1	10/10/2023 02:17	WG2148115
trans-1,2-Dichloroethene	ND		1.00	1	10/10/2023 02:17	WG2148115
trans-1,3-Dichloropropene	ND		1.00	1	10/10/2023 02:17	WG2148115
trans-1,4-Dichloro-2-butene	ND		1.00	1	10/10/2023 02:17	WG2148115
(S) 1,2-Dichloroethane-d4	*117*			*70.0-130*	*10/10/2023 02:17*	WG2148115
(S) 4-Bromofluorobenzene	*107*			*77.0-126*	*10/10/2023 02:17*	WG2148115
(S) Toluene-d8	*96.8*			*80.0-120*	*10/10/2023 02:17*	WG2148115

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units
pH (On Site)	6.81	su
Specific Conductance (on site)	262	umhos/cm
Temperature (on-site)	17.1	Deg. C
Turbidity (on-site)	8.1	NTU
Dissolved Oxygen (on-site)	8.3	mg/l
eH/ORP (On Site)	97.5	mV
Depth to water (DTW) (FROM TOC)	101.85	ft

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	116		10.0	1	10/09/2023 11:03	WG2147641

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	3.66		3.00	1	10/14/2023 00:07	WG2149878
Sulfate	ND		5.00	1	10/14/2023 00:07	WG2149878

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
TOC	ND		1.00	1	10/12/2023 20:16	WG2149939

Metals (ICP) by Method 6010B

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Silver, Total Recoverable	ND		0.0500	1	10/13/2023 23:45	WG2146860
Barium,Total Recoverable	0.0190		0.00500	1	10/13/2023 23:45	WG2146860
Iron, Total Recoverable	ND		0.0600	1	10/13/2023 23:45	WG2146860
Manganese,Total Recoverable	0.0154		0.00300	1	10/13/2023 23:45	WG2146860
Lead, Total Recoverable	ND		0.00500	1	10/13/2023 23:45	WG2146860
Selenium, Total Recoverable	ND		0.0100	1	10/13/2023 23:45	WG2146860

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Arsenic, Total Recoverable	ND		0.00500	1	10/11/2023 23:46	WG2146872
Beryllium, Total Recoverable	ND		0.00100	1	10/11/2023 23:46	WG2146872
Cadmium, Total Recoverable	ND		0.00100	1	10/11/2023 23:46	WG2146872
Cobalt,Total Recoverable	ND		0.00300	1	10/11/2023 23:46	WG2146872
Chromium, Total Recoverable	ND		0.00300	1	10/11/2023 23:46	WG2146872
Copper, Total Recoverable	ND		0.00400	1	10/11/2023 23:46	WG2146872
Nickel, Total Recoverable	ND		0.00400	1	10/11/2023 23:46	WG2146872
Antimony, Total Recoverable	ND		0.00200	1	10/11/2023 23:46	WG2146872
Thallium, Total Recoverable	ND		0.00100	1	10/11/2023 23:46	WG2146872
Vanadium,Total Recoverable	ND		0.00300	1	10/11/2023 23:46	WG2146872
Zinc, Total Recoverable	ND		0.00500	1	10/11/2023 23:46	WG2146872

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	ND		1.00	1	10/10/2023 02:36	WG2148115
1,1,1-Trichloroethane	ND		1.00	1	10/10/2023 02:36	WG2148115
1,1,2,2-Tetrachloroethane	ND		1.00	1	10/10/2023 02:36	WG2148115
1,1,2-Trichloroethane	ND		1.00	1	10/10/2023 02:36	WG2148115
1,1-Dichloroethane	ND		1.00	1	10/10/2023 02:36	WG2148115
1,1-Dichloroethene	ND		1.00	1	10/10/2023 02:36	WG2148115
1,2,3-Trichloropropane	ND		1.00	1	10/10/2023 02:36	WG2148115
1,2-Dibromo-3-Chloropropane	ND	J3	2.00	1	10/10/2023 02:36	WG2148115
1,2-Dibromoethane	ND		1.00	1	10/10/2023 02:36	WG2148115
1,2-Dichlorobenzene	ND		1.00	1	10/10/2023 02:36	WG2148115
1,2-Dichloroethane	ND		1.00	1	10/10/2023 02:36	WG2148115
1,2-Dichloropropane	ND		1.00	1	10/10/2023 02:36	WG2148115
1,4-Dichlorobenzene	ND		1.00	1	10/10/2023 02:36	WG2148115
2-Butanone (MEK)	ND	J3	5.00	1	10/10/2023 02:36	WG2148115
2-Hexanone	ND		5.00	1	10/10/2023 02:36	WG2148115
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/10/2023 02:36	WG2148115
Acetone	ND		10.0	1	10/10/2023 02:36	WG2148115
Acrylonitrile	ND		20.0	1	10/10/2023 02:36	WG2148115
Benzene	ND		1.00	1	10/10/2023 02:36	WG2148115
Bromochloromethane	ND		1.00	1	10/10/2023 02:36	WG2148115
Bromodichloromethane	ND		1.00	1	10/10/2023 02:36	WG2148115
Bromoform	ND		1.00	1	10/10/2023 02:36	WG2148115
Bromomethane	ND		1.00	1	10/10/2023 02:36	WG2148115
Carbon disulfide	ND		1.00	1	10/10/2023 02:36	WG2148115
Carbon tetrachloride	ND		1.00	1	10/10/2023 02:36	WG2148115
Chlorobenzene	ND		1.00	1	10/10/2023 02:36	WG2148115
Chloroethane	ND		1.00	1	10/10/2023 02:36	WG2148115
Chloroform	ND		1.00	1	10/10/2023 02:36	WG2148115
Chloromethane	ND		1.00	1	10/10/2023 02:36	WG2148115
Dibromochloromethane	ND		1.00	1	10/10/2023 02:36	WG2148115
Dibromomethane	ND		1.00	1	10/10/2023 02:36	WG2148115
Ethylbenzene	ND		1.00	1	10/10/2023 02:36	WG2148115
Iodomethane	ND		1.00	1	10/10/2023 02:36	WG2148115
Methylene Chloride	ND		1.07	1	10/10/2023 02:36	WG2148115
Styrene	ND		1.00	1	10/10/2023 02:36	WG2148115
Tetrachloroethene	ND		1.00	1	10/10/2023 02:36	WG2148115
Toluene	ND		1.00	1	10/10/2023 02:36	WG2148115
Trichloroethene	ND		1.00	1	10/10/2023 02:36	WG2148115
Trichlorofluoromethane	ND		1.00	1	10/10/2023 02:36	WG2148115
Vinyl acetate	ND		5.00	1	10/10/2023 02:36	WG2148115
Vinyl chloride	ND		1.00	1	10/10/2023 02:36	WG2148115
Xylenes, Total	ND		1.00	1	10/10/2023 02:36	WG2148115
cis-1,2-Dichloroethene	ND		1.00	1	10/10/2023 02:36	WG2148115
cis-1,3-Dichloropropene	ND		1.00	1	10/10/2023 02:36	WG2148115
trans-1,2-Dichloroethene	ND		1.00	1	10/10/2023 02:36	WG2148115
trans-1,3-Dichloropropene	ND		1.00	1	10/10/2023 02:36	WG2148115
trans-1,4-Dichloro-2-butene	ND		1.00	1	10/10/2023 02:36	WG2148115
(S) 1,2-Dichloroethane-d4	*114*			*70.0-130*	*10/10/2023 02:36*	WG2148115
(S) 4-Bromofluorobenzene	*107*			*77.0-126*	*10/10/2023 02:36*	WG2148115
(S) Toluene-d8	*95.6*			*80.0-120*	*10/10/2023 02:36*	WG2148115

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units
pH (On Site)	6.7	su
Specific Conductance (on site)	724	umhos/cm
Temperature (on-site)	15.7	Deg. C
Turbidity (on-site)	1.9	NTU
Dissolved Oxygen (on-site)	1.4	mg/l
eH/ORP (On Site)	145.8	mV
Depth to water (DTW) (FROM TOC)	17.41	ft

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	353		10.0	1	10/10/2023 12:55	WG2148179

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	14.1		3.00	1	10/14/2023 00:24	WG2149878
Sulfate	5.35		5.00	1	10/14/2023 00:24	WG2149878

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
TOC	ND		1.00	1	10/12/2023 20:29	WG2149939

Metals (ICP) by Method 6010B

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Silver, Total Recoverable	ND		0.0500	1	10/13/2023 23:47	WG2146860
Barium,Total Recoverable	0.0678		0.00500	1	10/13/2023 23:47	WG2146860
Iron, Total Recoverable	ND		0.0600	1	10/13/2023 23:47	WG2146860
Manganese,Total Recoverable	ND		0.00300	1	10/13/2023 23:47	WG2146860
Lead, Total Recoverable	ND		0.00500	1	10/13/2023 23:47	WG2146860
Selenium, Total Recoverable	ND		0.0100	1	10/13/2023 23:47	WG2146860

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Arsenic, Total Recoverable	ND		0.00500	1	10/11/2023 23:49	WG2146872
Beryllium, Total Recoverable	ND		0.00100	1	10/11/2023 23:49	WG2146872
Cadmium, Total Recoverable	ND		0.00100	1	10/11/2023 23:49	WG2146872
Cobalt,Total Recoverable	ND		0.00300	1	10/11/2023 23:49	WG2146872
Chromium, Total Recoverable	ND		0.00300	1	10/11/2023 23:49	WG2146872
Copper, Total Recoverable	ND		0.00400	1	10/11/2023 23:49	WG2146872
Nickel, Total Recoverable	ND		0.00400	1	10/11/2023 23:49	WG2146872
Antimony, Total Recoverable	ND		0.00200	1	10/11/2023 23:49	WG2146872
Thallium, Total Recoverable	ND		0.00100	1	10/11/2023 23:49	WG2146872
Vanadium,Total Recoverable	ND		0.00300	1	10/11/2023 23:49	WG2146872
Zinc, Total Recoverable	0.0184	J	0.00500	1	10/11/2023 23:49	WG2146872

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	ND		1.00	1	10/10/2023 02:55	WG2148115
1,1,1-Trichloroethane	ND		1.00	1	10/10/2023 02:55	WG2148115
1,1,2,2-Tetrachloroethane	ND		1.00	1	10/10/2023 02:55	WG2148115
1,1,2-Trichloroethane	ND		1.00	1	10/10/2023 02:55	WG2148115
1,1-Dichloroethane	ND		1.00	1	10/10/2023 02:55	WG2148115
1,1-Dichloroethene	ND		1.00	1	10/10/2023 02:55	WG2148115
1,2,3-Trichloropropane	ND		1.00	1	10/10/2023 02:55	WG2148115
1,2-Dibromo-3-Chloropropane	ND	J3	2.00	1	10/10/2023 02:55	WG2148115
1,2-Dibromoethane	ND		1.00	1	10/10/2023 02:55	WG2148115
1,2-Dichlorobenzene	ND		1.00	1	10/10/2023 02:55	WG2148115
1,2-Dichloroethane	ND		1.00	1	10/10/2023 02:55	WG2148115
1,2-Dichloropropane	ND		1.00	1	10/10/2023 02:55	WG2148115
1,4-Dichlorobenzene	ND		1.00	1	10/10/2023 02:55	WG2148115
2-Butanone (MEK)	ND	J3	5.00	1	10/10/2023 02:55	WG2148115
2-Hexanone	ND		5.00	1	10/10/2023 02:55	WG2148115
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/10/2023 02:55	WG2148115
Acetone	ND		10.0	1	10/10/2023 02:55	WG2148115
Acrylonitrile	ND		20.0	1	10/10/2023 02:55	WG2148115
Benzene	ND		1.00	1	10/10/2023 02:55	WG2148115
Bromochloromethane	ND		1.00	1	10/10/2023 02:55	WG2148115
Bromodichloromethane	ND		1.00	1	10/10/2023 02:55	WG2148115
Bromoform	ND		1.00	1	10/10/2023 02:55	WG2148115
Bromomethane	ND		1.00	1	10/10/2023 02:55	WG2148115
Carbon disulfide	ND		1.00	1	10/10/2023 02:55	WG2148115
Carbon tetrachloride	ND		1.00	1	10/10/2023 02:55	WG2148115
Chlorobenzene	ND		1.00	1	10/10/2023 02:55	WG2148115
Chloroethane	ND		1.00	1	10/10/2023 02:55	WG2148115
Chloroform	ND		1.00	1	10/10/2023 02:55	WG2148115
Chloromethane	ND		1.00	1	10/10/2023 02:55	WG2148115
Dibromochloromethane	ND		1.00	1	10/10/2023 02:55	WG2148115
Dibromomethane	ND		1.00	1	10/10/2023 02:55	WG2148115
Ethylbenzene	ND		1.00	1	10/10/2023 02:55	WG2148115
Iodomethane	ND		1.00	1	10/10/2023 02:55	WG2148115
Methylene Chloride	ND		1.07	1	10/10/2023 02:55	WG2148115
Styrene	ND		1.00	1	10/10/2023 02:55	WG2148115
Tetrachloroethene	ND		1.00	1	10/10/2023 02:55	WG2148115
Toluene	ND		1.00	1	10/10/2023 02:55	WG2148115
Trichloroethene	ND		1.00	1	10/10/2023 02:55	WG2148115
Trichlorofluoromethane	ND		1.00	1	10/10/2023 02:55	WG2148115
Vinyl acetate	ND		5.00	1	10/10/2023 02:55	WG2148115
Vinyl chloride	ND		1.00	1	10/10/2023 02:55	WG2148115
Xylenes, Total	ND		1.00	1	10/10/2023 02:55	WG2148115
cis-1,2-Dichloroethene	ND		1.00	1	10/10/2023 02:55	WG2148115
cis-1,3-Dichloropropene	ND		1.00	1	10/10/2023 02:55	WG2148115
trans-1,2-Dichloroethene	ND		1.00	1	10/10/2023 02:55	WG2148115
trans-1,3-Dichloropropene	ND		1.00	1	10/10/2023 02:55	WG2148115
trans-1,4-Dichloro-2-butene	ND		1.00	1	10/10/2023 02:55	WG2148115
(S) 1,2-Dichloroethane-d4	*116*			*70.0-130*	*10/10/2023 02:55*	WG2148115
(S) 4-Bromofluorobenzene	*106*			*77.0-126*	*10/10/2023 02:55*	WG2148115
(S) Toluene-d8	*95.1*			*80.0-120*	*10/10/2023 02:55*	WG2148115

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units
pH (On Site)	6.51	su
Specific Conductance (on site)	544	umhos/cm
Temperature (on-site)	16.4	Deg. C
Turbidity (on-site)	6.1	NTU
Dissolved Oxygen (on-site)	3.4	mg/l
eH/ORP (On Site)	129.1	mV
Depth to water (DTW) (FROM TOC)	19.7	ft

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	304		10.0	1	10/10/2023 12:55	WG2148179

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	8.66		3.00	1	10/14/2023 02:05	WG2149878
Sulfate	ND		5.00	1	10/14/2023 02:05	WG2149878

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
TOC	ND		1.00	1	10/12/2023 20:42	WG2149939

Metals (ICP) by Method 6010B

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Silver, Total Recoverable	ND		0.0500	1	10/13/2023 23:50	WG2146860
Barium,Total Recoverable	0.0820		0.00500	1	10/13/2023 23:50	WG2146860
Iron, Total Recoverable	ND		0.0600	1	10/13/2023 23:50	WG2146860
Manganese,Total Recoverable	0.00314	J	0.00300	1	10/13/2023 23:50	WG2146860
Lead, Total Recoverable	ND		0.00500	1	10/13/2023 23:50	WG2146860
Selenium, Total Recoverable	ND		0.0100	1	10/13/2023 23:50	WG2146860

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Arsenic, Total Recoverable	ND		0.00500	1	10/12/2023 00:10	WG2146872
Beryllium, Total Recoverable	ND		0.00100	1	10/12/2023 00:10	WG2146872
Cadmium, Total Recoverable	ND		0.00100	1	10/12/2023 00:10	WG2146872
Cobalt,Total Recoverable	ND		0.00300	1	10/12/2023 00:10	WG2146872
Chromium, Total Recoverable	ND		0.00300	1	10/12/2023 00:10	WG2146872
Copper, Total Recoverable	ND		0.00400	1	10/12/2023 00:10	WG2146872
Nickel, Total Recoverable	ND		0.00400	1	10/12/2023 00:10	WG2146872
Antimony, Total Recoverable	ND		0.00200	1	10/12/2023 00:10	WG2146872
Thallium, Total Recoverable	ND		0.00100	1	10/12/2023 00:10	WG2146872
Vanadium,Total Recoverable	ND		0.00300	1	10/12/2023 00:10	WG2146872
Zinc, Total Recoverable	0.0162	J	0.00500	1	10/12/2023 00:10	WG2146872

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	ND		1.00	1	10/10/2023 03:14	WG2148115
1,1,1-Trichloroethane	ND		1.00	1	10/10/2023 03:14	WG2148115
1,1,2,2-Tetrachloroethane	ND		1.00	1	10/10/2023 03:14	WG2148115
1,1,2-Trichloroethane	ND		1.00	1	10/10/2023 03:14	WG2148115
1,1-Dichloroethane	ND		1.00	1	10/10/2023 03:14	WG2148115
1,1-Dichloroethene	ND		1.00	1	10/10/2023 03:14	WG2148115
1,2,3-Trichloropropane	ND		1.00	1	10/10/2023 03:14	WG2148115
1,2-Dibromo-3-Chloropropane	ND	J3	2.00	1	10/10/2023 03:14	WG2148115
1,2-Dibromoethane	ND		1.00	1	10/10/2023 03:14	WG2148115
1,2-Dichlorobenzene	ND		1.00	1	10/10/2023 03:14	WG2148115
1,2-Dichloroethane	ND		1.00	1	10/10/2023 03:14	WG2148115
1,2-Dichloropropane	ND		1.00	1	10/10/2023 03:14	WG2148115
1,4-Dichlorobenzene	ND		1.00	1	10/10/2023 03:14	WG2148115
2-Butanone (MEK)	ND	J3	5.00	1	10/10/2023 03:14	WG2148115
2-Hexanone	ND		5.00	1	10/10/2023 03:14	WG2148115
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/10/2023 03:14	WG2148115
Acetone	ND		10.0	1	10/10/2023 03:14	WG2148115
Acrylonitrile	ND		20.0	1	10/10/2023 03:14	WG2148115
Benzene	ND		1.00	1	10/10/2023 03:14	WG2148115
Bromochloromethane	ND		1.00	1	10/10/2023 03:14	WG2148115
Bromodichloromethane	ND		1.00	1	10/10/2023 03:14	WG2148115
Bromoform	ND		1.00	1	10/10/2023 03:14	WG2148115
Bromomethane	ND		1.00	1	10/10/2023 03:14	WG2148115
Carbon disulfide	ND		1.00	1	10/10/2023 03:14	WG2148115
Carbon tetrachloride	ND		1.00	1	10/10/2023 03:14	WG2148115
Chlorobenzene	ND		1.00	1	10/10/2023 03:14	WG2148115
Chloroethane	ND		1.00	1	10/10/2023 03:14	WG2148115
Chloroform	ND		1.00	1	10/10/2023 03:14	WG2148115
Chloromethane	ND		1.00	1	10/10/2023 03:14	WG2148115
Dibromochloromethane	ND		1.00	1	10/10/2023 03:14	WG2148115
Dibromomethane	ND		1.00	1	10/10/2023 03:14	WG2148115
Ethylbenzene	ND		1.00	1	10/10/2023 03:14	WG2148115
Iodomethane	ND		1.00	1	10/10/2023 03:14	WG2148115
Methylene Chloride	ND		1.07	1	10/10/2023 03:14	WG2148115
Styrene	ND		1.00	1	10/10/2023 03:14	WG2148115
Tetrachloroethene	ND		1.00	1	10/10/2023 03:14	WG2148115
Toluene	ND		1.00	1	10/10/2023 03:14	WG2148115
Trichloroethene	ND		1.00	1	10/10/2023 03:14	WG2148115
Trichlorofluoromethane	ND		1.00	1	10/10/2023 03:14	WG2148115
Vinyl acetate	ND		5.00	1	10/10/2023 03:14	WG2148115
Vinyl chloride	ND		1.00	1	10/10/2023 03:14	WG2148115
Xylenes, Total	ND		1.00	1	10/10/2023 03:14	WG2148115
cis-1,2-Dichloroethene	ND		1.00	1	10/10/2023 03:14	WG2148115
cis-1,3-Dichloropropene	ND		1.00	1	10/10/2023 03:14	WG2148115
trans-1,2-Dichloroethene	ND		1.00	1	10/10/2023 03:14	WG2148115
trans-1,3-Dichloropropene	ND		1.00	1	10/10/2023 03:14	WG2148115
trans-1,4-Dichloro-2-butene	ND		1.00	1	10/10/2023 03:14	WG2148115
(S) 1,2-Dichloroethane-d4	*117*			*70.0-130*	*10/10/2023 03:14*	WG2148115
(S) 4-Bromofluorobenzene	*106*			*77.0-126*	*10/10/2023 03:14*	WG2148115
(S) Toluene-d8	*95.9*			*80.0-120*	*10/10/2023 03:14*	WG2148115

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	RL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	ND		10.0	1	10/09/2023 11:03	WG2147641

Wet Chemistry by Method 350.1

Analyte	Result mg/l	Qualifier	RL mg/l	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		0.100	1	10/10/2023 13:26	WG2148269

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	RL mg/l	Dilution	Analysis date / time	Batch
Chloride	ND		3.00	1	10/14/2023 02:22	WG2149878
Sulfate	ND		5.00	1	10/14/2023 02:22	WG2149878

Wet Chemistry by Method 9060A

Analyte	Result mg/l	Qualifier	RL mg/l	Dilution	Analysis date / time	Batch
TOC	ND		1.00	1	10/12/2023 20:55	WG2149939

Metals (ICP) by Method 6010B

Analyte	Result mg/l	Qualifier	RL mg/l	Dilution	Analysis date / time	Batch
Silver, Total Recoverable	ND		0.0500	1	10/13/2023 23:53	WG2146860
Barium,Total Recoverable	ND		0.00500	1	10/13/2023 23:53	WG2146860
Iron, Total Recoverable	ND		0.0600	1	10/13/2023 23:53	WG2146860
Manganese,Total Recoverable	ND		0.00300	1	10/13/2023 23:53	WG2146860
Lead, Total Recoverable	ND		0.00500	1	10/13/2023 23:53	WG2146860
Selenium, Total Recoverable	ND		0.0100	1	10/13/2023 23:53	WG2146860

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	RL mg/l	Dilution	Analysis date / time	Batch
Arsenic, Total Recoverable	ND		0.00500	1	10/12/2023 00:13	WG2146872
Beryllium, Total Recoverable	ND		0.00100	1	10/12/2023 00:13	WG2146872
Cadmium, Total Recoverable	ND		0.00100	1	10/12/2023 00:13	WG2146872
Cobalt,Total Recoverable	ND		0.00300	1	10/12/2023 00:13	WG2146872
Chromium, Total Recoverable	ND		0.00300	1	10/12/2023 00:13	WG2146872
Copper, Total Recoverable	ND		0.00400	1	10/12/2023 00:13	WG2146872
Nickel, Total Recoverable	ND		0.00400	1	10/12/2023 00:13	WG2146872
Antimony, Total Recoverable	ND		0.00200	1	10/12/2023 00:13	WG2146872
Thallium, Total Recoverable	ND		0.00100	1	10/12/2023 00:13	WG2146872
Vanadium,Total Recoverable	ND		0.00300	1	10/12/2023 00:13	WG2146872
Zinc, Total Recoverable	ND		0.00500	1	10/12/2023 00:13	WG2146872

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	ND		1.00	1	10/10/2023 01:01	WG2148115
1,1,1-Trichloroethane	ND		1.00	1	10/10/2023 01:01	WG2148115
1,1,2,2-Tetrachloroethane	ND		1.00	1	10/10/2023 01:01	WG2148115
1,1,2-Trichloroethane	ND		1.00	1	10/10/2023 01:01	WG2148115
1,1-Dichloroethane	ND		1.00	1	10/10/2023 01:01	WG2148115
1,1-Dichloroethene	ND		1.00	1	10/10/2023 01:01	WG2148115
1,2,3-Trichloropropane	ND		1.00	1	10/10/2023 01:01	WG2148115

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
1,2-Dibromo-3-Chloropropane	ND	J3	2.00	1	10/10/2023 01:01	WG2148115
1,2-Dibromoethane	ND		1.00	1	10/10/2023 01:01	WG2148115
1,2-Dichlorobenzene	ND		1.00	1	10/10/2023 01:01	WG2148115
1,2-Dichloroethane	ND		1.00	1	10/10/2023 01:01	WG2148115
1,2-Dichloropropane	ND		1.00	1	10/10/2023 01:01	WG2148115
1,4-Dichlorobenzene	ND		1.00	1	10/10/2023 01:01	WG2148115
2-Butanone (MEK)	6.17	J3	5.00	1	10/10/2023 01:01	WG2148115
2-Hexanone	ND		5.00	1	10/10/2023 01:01	WG2148115
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/10/2023 01:01	WG2148115
Acetone	ND		10.0	1	10/10/2023 01:01	WG2148115
Acrylonitrile	ND		20.0	1	10/10/2023 01:01	WG2148115
Benzene	ND		1.00	1	10/10/2023 01:01	WG2148115
Bromochloromethane	ND		1.00	1	10/10/2023 01:01	WG2148115
Bromodichloromethane	ND		1.00	1	10/10/2023 01:01	WG2148115
Bromoform	ND		1.00	1	10/10/2023 01:01	WG2148115
Bromomethane	ND		1.00	1	10/10/2023 01:01	WG2148115
Carbon disulfide	ND		1.00	1	10/10/2023 01:01	WG2148115
Carbon tetrachloride	ND		1.00	1	10/10/2023 01:01	WG2148115
Chlorobenzene	ND		1.00	1	10/10/2023 01:01	WG2148115
Chloroethane	ND		1.00	1	10/10/2023 01:01	WG2148115
Chloroform	ND		1.00	1	10/10/2023 01:01	WG2148115
Chloromethane	ND		1.00	1	10/10/2023 01:01	WG2148115
Dibromochloromethane	ND		1.00	1	10/10/2023 01:01	WG2148115
Dibromomethane	ND		1.00	1	10/10/2023 01:01	WG2148115
Ethylbenzene	ND		1.00	1	10/10/2023 01:01	WG2148115
Iodomethane	ND		1.00	1	10/10/2023 01:01	WG2148115
Methylene Chloride	ND		1.07	1	10/10/2023 01:01	WG2148115
Styrene	ND		1.00	1	10/10/2023 01:01	WG2148115
Tetrachloroethene	ND		1.00	1	10/10/2023 01:01	WG2148115
Toluene	1.47		1.00	1	10/10/2023 01:01	WG2148115
Trichloroethene	ND		1.00	1	10/10/2023 01:01	WG2148115
Trichlorofluoromethane	ND		1.00	1	10/10/2023 01:01	WG2148115
Vinyl acetate	ND		5.00	1	10/10/2023 01:01	WG2148115
Vinyl chloride	ND		1.00	1	10/10/2023 01:01	WG2148115
Xylenes, Total	ND		1.00	1	10/10/2023 01:01	WG2148115
cis-1,2-Dichloroethene	ND		1.00	1	10/10/2023 01:01	WG2148115
cis-1,3-Dichloropropene	ND		1.00	1	10/10/2023 01:01	WG2148115
trans-1,2-Dichloroethene	ND		1.00	1	10/10/2023 01:01	WG2148115
trans-1,3-Dichloropropene	ND		1.00	1	10/10/2023 01:01	WG2148115
trans-1,4-Dichloro-2-butene	ND		1.00	1	10/10/2023 01:01	WG2148115
(S) 1,2-Dichloroethane-d4	*117*			*70.0-130*	*10/10/2023 01:01*	WG2148115
(S) 4-Bromofluorobenzene	*107*			*77.0-126*	*10/10/2023 01:01*	WG2148115
(S) Toluene-d8	*96.1*			*80.0-120*	*10/10/2023 01:01*	WG2148115

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	ND		1.00	1	10/09/2023 15:29	WG2147827
1,1,1-Trichloroethane	ND		1.00	1	10/09/2023 15:29	WG2147827
1,1,2,2-Tetrachloroethane	ND		1.00	1	10/09/2023 15:29	WG2147827
1,1,2-Trichloroethane	ND		1.00	1	10/09/2023 15:29	WG2147827
1,1-Dichloroethane	ND		1.00	1	10/09/2023 15:29	WG2147827
1,1-Dichloroethene	ND		1.00	1	10/09/2023 15:29	WG2147827
1,1-Dichloropropene	ND		1.00	1	10/09/2023 15:29	WG2147827
1,2,3-Trichloropropane	ND		1.00	1	10/09/2023 15:29	WG2147827
1,2-Dibromo-3-Chloropropane	ND		2.00	1	10/09/2023 15:29	WG2147827
1,2-Dibromoethane	ND		1.00	1	10/09/2023 15:29	WG2147827
1,2-Dichlorobenzene	ND		1.00	1	10/09/2023 15:29	WG2147827
1,2-Dichloroethane	ND		1.00	1	10/09/2023 15:29	WG2147827
1,2-Dichloropropane	ND		1.00	1	10/09/2023 15:29	WG2147827
1,3-Dichlorobenzene	ND		1.00	1	10/09/2023 15:29	WG2147827
1,3-Dichloropropane	ND		1.00	1	10/09/2023 15:29	WG2147827
1,4-Dichlorobenzene	ND		1.00	1	10/09/2023 15:29	WG2147827
2,2-Dichloropropane	ND		5.00	1	10/09/2023 15:29	WG2147827
2-Butanone (MEK)	ND		5.00	1	10/09/2023 15:29	WG2147827
2-Hexanone	ND		5.00	1	10/09/2023 15:29	WG2147827
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/09/2023 15:29	WG2147827
Acetone	ND		11.3	1	10/09/2023 15:29	WG2147827
Acetonitrile	ND		30.0	1	10/09/2023 15:29	WG2147827
Acrolein	ND		20.0	1	10/09/2023 15:29	WG2147827
Acrylonitrile	ND		20.0	1	10/09/2023 15:29	WG2147827
Allyl chloride	ND		10.0	1	10/09/2023 15:29	WG2147827
Benzene	ND		1.00	1	10/09/2023 15:29	WG2147827
Bromochloromethane	ND		1.00	1	10/09/2023 15:29	WG2147827
Bromodichloromethane	ND		1.00	1	10/09/2023 15:29	WG2147827
Bromoform	ND		1.00	1	10/09/2023 15:29	WG2147827
Bromomethane	ND		1.00	1	10/09/2023 15:29	WG2147827
Carbon disulfide	ND		1.00	1	10/09/2023 15:29	WG2147827
Carbon tetrachloride	ND		1.00	1	10/09/2023 15:29	WG2147827
Chlorobenzene	ND		1.00	1	10/09/2023 15:29	WG2147827
Chloroethane	ND		1.00	1	10/09/2023 15:29	WG2147827
Chloroform	ND		1.00	1	10/09/2023 15:29	WG2147827
Chloromethane	ND		1.00	1	10/09/2023 15:29	WG2147827
Chloroprene	ND		1.70	1	10/09/2023 15:29	WG2147827
Dibromochloromethane	ND		1.00	1	10/09/2023 15:29	WG2147827
Dibromomethane	ND		1.00	1	10/09/2023 15:29	WG2147827
Dichlorodifluoromethane	ND		2.00	1	10/09/2023 15:29	WG2147827
Ethyl methacrylate	ND		3.00	1	10/09/2023 15:29	WG2147827
Ethylbenzene	ND		1.00	1	10/09/2023 15:29	WG2147827
Iodomethane	ND		1.00	1	10/09/2023 15:29	WG2147827
Isobutanol	ND		110	1	10/09/2023 15:29	WG2147827
Methacrylonitrile	ND		13.0	1	10/09/2023 15:29	WG2147827
Methyl methacrylate	ND		4.00	1	10/09/2023 15:29	WG2147827
Methylene Chloride	ND		1.07	1	10/09/2023 15:29	WG2147827
Propionitrile	ND		20.0	1	10/09/2023 15:29	WG2147827
Styrene	ND		1.00	1	10/09/2023 15:29	WG2147827
Tetrachloroethene	ND		1.00	1	10/09/2023 15:29	WG2147827
Toluene	ND		1.00	1	10/09/2023 15:29	WG2147827
Trichloroethene	ND		1.00	1	10/09/2023 15:29	WG2147827
Trichlorofluoromethane	ND		1.00	1	10/09/2023 15:29	WG2147827
Vinyl acetate	ND		5.00	1	10/09/2023 15:29	WG2147827
Vinyl chloride	ND		1.00	1	10/09/2023 15:29	WG2147827
Xylenes, Total	ND		1.00	1	10/09/2023 15:29	WG2147827

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
cis-1,2-Dichloroethene	ND		1.00	1	10/09/2023 15:29	WG2147827
cis-1,3-Dichloropropene	ND		1.00	1	10/09/2023 15:29	WG2147827
trans-1,2-Dichloroethene	ND		1.00	1	10/09/2023 15:29	WG2147827
trans-1,3-Dichloropropene	ND		1.00	1	10/09/2023 15:29	WG2147827
trans-1,4-Dichloro-2-butene	ND		1.00	1	10/09/2023 15:29	WG2147827
(S) Toluene-d8	*108*			*80.0-120*	*10/09/2023 15:29*	WG2147827
(S) 1,2-Dichloroethane-d4	*97.8*			*70.0-130*	*10/09/2023 15:29*	WG2147827
(S) 4-Bromofluorobenzene	*90.4*			*77.0-126*	*10/09/2023 15:29*	WG2147827

Method Blank (MB)

(MB) R3984245-1 10/09/23 11:03

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	ND		2.82	10.0

L1664095-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1664095-02 10/09/23 11:03 • (DUP) R3984245-3 10/09/23 11:03

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	775	787	1	1.54		5

L1664095-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1664095-03 10/09/23 11:03 • (DUP) R3984245-4 10/09/23 11:03

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	719	736	1	2.38		5

Laboratory Control Sample (LCS)

(LCS) R3984245-2 10/09/23 11:03

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800	8910	101	77.3-123	

Method Blank (MB)

(MB) R3985480-1 10/10/23 12:55

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	ND		2.82	10.0

L1663274-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1663274-01 10/10/23 12:55 • (DUP) R3985480-3 10/10/23 12:55

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	1190	1310	1	9.20	J3	5

L1663274-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1663274-03 10/10/23 12:55 • (DUP) R3985480-4 10/10/23 12:55

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	964	1040	1	7.78	J3	5

Laboratory Control Sample (LCS)

(LCS) R3985480-2 10/10/23 12:55

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800	8160	92.7	77.3-123	

Method Blank (MB)

(MB) R3985447-1 10/10/23 13:19

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	ND		2.82	10.0

L1663141-46 Original Sample (OS) • Duplicate (DUP)

(OS) L1663141-46 10/10/23 13:19 • (DUP) R3985447-3 10/10/23 13:19

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	1930	1910	1	1.04		5

L1663141-47 Original Sample (OS) • Duplicate (DUP)

(OS) L1663141-47 10/10/23 13:19 • (DUP) R3985447-4 10/10/23 13:19

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	3490	4060	1	15.0	J3	5

Laboratory Control Sample (LCS)

(LCS) R3985447-2 10/10/23 13:19

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800	8460	96.1	77.3-123	

Method Blank (MB)

(MB) R3986737-1 10/12/23 12:22

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	ND		2.82	10.0

L1663610-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1663610-04 10/12/23 12:22 • (DUP) R3986737-3 10/12/23 12:22

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	331	346	1	4.43		5

L1663622-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1663622-01 10/12/23 12:22 • (DUP) R3986737-4 10/12/23 12:22

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	507	508	1	0.197		5

Laboratory Control Sample (LCS)

(LCS) R3986737-2 10/12/23 12:22

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800	8090	91.9	77.3-123	

Method Blank (MB)

(MB) R3986723-1 10/13/23 00:00

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	ND		2.82	10.0

L1663622-14 Original Sample (OS) • Duplicate (DUP)

(OS) L1663622-14 10/13/23 00:00 • (DUP) R3986723-3 10/13/23 00:00

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	1550	1570	1	1.15		5

L1664648-09 Original Sample (OS) • Duplicate (DUP)

(OS) L1664648-09 10/13/23 00:00 • (DUP) R3986723-4 10/13/23 00:00

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	608	609	1	0.164		5

Laboratory Control Sample (LCS)

(LCS) R3986723-2 10/13/23 00:00

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800	8520	96.8	77.3-123	

QUALITY CONTROL SUMMARY

L1663702-02,03,04,05,06,07,08,09,10,11,22

Method Blank (MB)

(MB) R3984374-1 10/10/23 12:39

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Ammonia Nitrogen	ND		0.0317	0.100

L1663702-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1663702-03 10/10/23 13:05 • (DUP) R3984374-5 10/10/23 13:06

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Ammonia Nitrogen	ND	ND	1	0.000		10

L1663702-22 Original Sample (OS) • Duplicate (DUP)

(OS) L1663702-22 10/10/23 13:26 • (DUP) R3984374-7 10/10/23 13:28

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Ammonia Nitrogen	ND	ND	1	0.000		10

Laboratory Control Sample (LCS)

(LCS) R3984374-2 10/10/23 12:41

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Ammonia Nitrogen	7.50	7.10	94.7	90.0-110	

L1663702-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1663702-02 10/10/23 12:56 • (MS) R3984374-3 10/10/23 12:57 • (MSD) R3984374-4 10/10/23 13:03

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Ammonia Nitrogen	5.00	ND	4.58	4.78	91.6	95.5	1	90.0-110			4.21	10

L1663702-11 Original Sample (OS) • Matrix Spike (MS)

(OS) L1663702-11 10/10/23 13:23 • (MS) R3984374-6 10/10/23 13:25

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Ammonia Nitrogen	5.00	ND	4.73	94.6	1	90.0-110	

Method Blank (MB)

(MB) R3983240-1 10/07/23 12:47

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Sulfide	ND		0.00650	0.0500

L1663763-10 Original Sample (OS) • Duplicate (DUP)

(OS) L1663763-10 10/07/23 12:53 • (DUP) R3983240-5 10/07/23 12:54

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Sulfide	ND	ND	1	0.000		20

L1663829-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1663829-04 10/07/23 12:56 • (DUP) R3983240-6 10/07/23 12:57

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Sulfide	ND	ND	1	2.74		20

Laboratory Control Sample (LCS)

(LCS) R3983240-2 10/07/23 12:48

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Sulfide	0.500	0.508	102	85.0-115	

L1663702-06 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1663702-06 10/07/23 12:48 • (MS) R3983240-3 10/07/23 12:48 • (MSD) R3983240-4 10/07/23 12:50

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Sulfide	0.500	ND	ND	ND	94.2	94.0	1	80.0-120			0.213	20

Method Blank (MB)

(MB) R3983700-1 10/09/23 11:22

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Cyanide	ND		0.00180	0.00500

L1663702-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1663702-06 10/09/23 11:51 • (DUP) R3983700-3 10/09/23 11:52

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Cyanide	ND	ND	1	0.000		20

L1663763-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1663763-07 10/09/23 12:05 • (DUP) R3983700-6 10/09/23 12:07

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Cyanide	ND	ND	1	0.000		20

Laboratory Control Sample (LCS)

(LCS) R3983700-2 10/09/23 11:24

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Cyanide	0.100	0.0905	90.5	87.1-120	

L1663710-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1663710-01 10/09/23 11:57 • (MS) R3983700-4 10/09/23 11:58 • (MSD) R3983700-5 10/09/23 12:00

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Cyanide	0.100	ND	0.0920	0.0919	92.0	91.9	1	90.0-110			0.109	20

Method Blank (MB)

(MB) R3985256-1 10/11/23 18:06

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	ND		0.0519	1.00

L1662631-12 Original Sample (OS) • Duplicate (DUP)

(OS) L1662631-12 10/11/23 20:28 • (DUP) R3985256-3 10/11/23 20:38

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	6.05	6.02	1	0.491		15

L1663702-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1663702-07 10/11/23 22:32 • (DUP) R3985256-6 10/11/23 22:42

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	30.1	30.1	1	0.0664		15

Laboratory Control Sample (LCS)

(LCS) R3985256-2 10/11/23 18:15

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	38.3	95.8	80.0-120	

L1662631-12 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1662631-12 10/11/23 20:28 • (MS) R3985256-4 10/11/23 20:47 • (MSD) R3985256-5 10/11/23 20:57

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	40.0	6.05	43.7	43.3	94.0	93.2	1	80.0-120			0.768	15

L1663702-07 Original Sample (OS) • Matrix Spike (MS)

(OS) L1663702-07 10/11/23 22:32 • (MS) R3985256-7 10/11/23 22:51

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40.0	30.1	62.3	80.4	1	80.0-120	

QUALITY CONTROL SUMMARY

L1663702-01,02,03,04,05,06,08

Method Blank (MB)

(MB) R3985302-1 10/12/23 00:43

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	0.0972		0.0519	1.00
Sulfate	0.228		0.0774	5.00

L1663354-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1663354-02 10/12/23 03:53 • (DUP) R3985302-3 10/12/23 04:07

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	ND	ND	1	4.85		15
Sulfate	5.59	5.21	1	7.05		15

L1663702-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1663702-08 10/12/23 07:47 • (DUP) R3985302-6 10/12/23 08:00

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	39.3	39.5	1	0.512		15
Sulfate	11.0	11.1	1	0.780		15

Laboratory Control Sample (LCS)

(LCS) R3985302-2 10/12/23 00:57

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	39.9	99.8	80.0-120	
Sulfate	40.0	39.2	98.1	80.0-120	

L1663354-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1663354-02 10/12/23 03:53 • (MS) R3985302-4 10/12/23 04:21 • (MSD) R3985302-5 10/12/23 04:34

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	40.0	ND	42.0	42.1	98.6	98.7	1	80.0-120			0.128	15
Sulfate	40.0	5.59	43.0	43.0	93.4	93.6	1	80.0-120			0.199	15

L1663702-08 Original Sample (OS) • Matrix Spike (MS)

(OS) L1663702-08 10/12/23 07:47 • (MS) R3985302-7 10/12/23 08:14

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40.0	39.3	71.4	80.2	1	80.0-120	
Sulfate	40.0	11.0	47.0	90.0	1	80.0-120	

Method Blank (MB)

(MB) R3987601-1 10/13/23 13:12

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	0.295		0.0519	1.00
Sulfate	0.385		0.0774	5.00

L1663141-48 Original Sample (OS) • Duplicate (DUP)

(OS) L1663141-48 10/13/23 15:42 • (DUP) R3987601-3 10/13/23 16:08

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	220	219	1	0.503	E	15
Sulfate	92.5	91.2	1	1.44		15

L1663141-48 Original Sample (OS) • Duplicate (DUP)

(OS) L1663141-48 10/13/23 15:55 • (DUP) R3987601-4 10/13/23 16:46

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	199	198	10	0.674		15
Sulfate	79.9	79.5	10	0.533		15

L1663702-17 Original Sample (OS) • Duplicate (DUP)

(OS) L1663702-17 10/13/23 22:04 • (DUP) R3987601-7 10/13/23 22:17

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	13.7	13.7	1	0.335		15
Sulfate	ND	ND	1	0.194		15

Laboratory Control Sample (LCS)

(LCS) R3987601-2 10/13/23 13:25

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	38.6	96.4	80.0-120	
Sulfate	40.0	38.4	95.9	80.0-120	

L1663141-48 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1663141-48 10/13/23 15:55 • (MS) R3987601-5 10/13/23 16:59 • (MSD) R3987601-6 10/13/23 17:11

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	40.0	199	197	199	0.000	0.000	10	80.0-120	V	V	0.664	15
Sulfate	40.0	79.9	99.9	99.1	50.1	48.1	10	80.0-120	J6	J6	0.805	15

L1663702-17 Original Sample (OS) • Matrix Spike (MS)

(OS) L1663702-17 10/13/23 22:04 • (MS) R3987601-8 10/13/23 22:30

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40.0	13.7	50.2	91.2	1	80.0-120	
Sulfate	40.0	ND	41.6	92.0	1	80.0-120	

Method Blank (MB)

(MB) R3986850-1 10/13/23 15:47

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	ND		0.0519	1.00
Sulfate	0.182		0.0774	5.00

L1663702-20 Original Sample (OS) • Duplicate (DUP)

(OS) L1663702-20 10/14/23 00:24 • (DUP) R3986850-3 10/14/23 00:40

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	14.1	14.1	1	0.0177		15
Sulfate	5.35	5.28	1	1.24		15

L1663866-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1663866-01 10/14/23 06:36 • (DUP) R3986850-6 10/14/23 06:52

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	ND	ND	1	3.28		15
Sulfate	44.3	44.3	1	0.0616		15

Laboratory Control Sample (LCS)

(LCS) R3986850-2 10/13/23 16:04

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	40.1	100	80.0-120	
Sulfate	40.0	40.3	101	80.0-120	

L1663702-20 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1663702-20 10/14/23 00:24 • (MS) R3986850-4 10/14/23 01:31 • (MSD) R3986850-5 10/14/23 01:48

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	40.0	14.1	51.0	50.6	92.1	91.2	1	80.0-120			0.688	15
Sulfate	40.0	5.35	42.1	41.8	92.0	91.1	1	80.0-120			0.814	15

L1663866-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1663866-01 10/14/23 06:36 • (MS) R3986850-7 10/14/23 07:09

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40.0	ND	38.3	94.3	1	80.0-120	
Sulfate	40.0	44.3	73.2	72.2	1	80.0-120	J6

Method Blank (MB)

(MB) R3986690-1 10/13/23 09:10

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	0.0560		0.0519	1.00

L1664045-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1664045-01 10/13/23 22:47 • (DUP) R3986690-3 10/13/23 23:00

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	17.2	16.9	1	1.54		15

L1664052-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1664052-03 10/14/23 03:21 • (DUP) R3986690-6 10/14/23 03:35

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	10.6	10.5	1	0.929		15

Laboratory Control Sample (LCS)

(LCS) R3986690-2 10/13/23 09:23

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	39.4	98.6	80.0-120	

L1664045-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1664045-01 10/13/23 22:47 • (MS) R3986690-4 10/13/23 23:14 • (MSD) R3986690-5 10/13/23 23:55

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	40.0	17.2	54.8	54.9	94.0	94.1	1	80.0-120			0.0781	15

L1664052-03 Original Sample (OS) • Matrix Spike (MS)

(OS) L1664052-03 10/14/23 03:21 • (MS) R3986690-7 10/14/23 03:48

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40.0	10.6	49.4	97.0	1	80.0-120	

Method Blank (MB)

(MB) R3985771-2 10/12/23 12:09

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TOC	0.121	J	0.102	1.00

L1663633-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1663633-05 10/12/23 13:06 • (DUP) R3985771-3 10/12/23 13:32

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC	14.2	14.4	1	1.40		20

L1663702-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1663702-06 10/12/23 16:25 • (DUP) R3985771-6 10/12/23 16:39

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC	2.29	2.26	1	1.54		20

Laboratory Control Sample (LCS)

(LCS) R3985771-1 10/12/23 11:57

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TOC	25.0	25.9	103	85.0-115	

L1663702-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1663702-05 10/12/23 14:45 • (MS) R3985771-4 10/12/23 15:09 • (MSD) R3985771-5 10/12/23 15:34

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TOC	25.0	1.63	27.6	27.3	104	103	1	80.0-120			0.838	20

L1663702-18 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1663702-18 10/12/23 19:10 • (MS) R3985771-7 10/12/23 19:33 • (MSD) R3985771-8 10/12/23 20:01

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TOC	25.0	2.02	27.9	27.7	104	103	1	80.0-120			0.683	20

Method Blank (MB)

(MB) R3984751-1 10/11/23 10:42

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Mercury,Total Recoverable	ND		0.0000490	0.000200

Laboratory Control Sample (LCS)

(LCS) R3984751-2 10/11/23 10:44

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Mercury,Total Recoverable	0.00300	0.00304	101	80.0-120	

L1663763-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1663763-07 10/11/23 10:47 • (MS) R3984751-3 10/11/23 10:49 • (MSD) R3984751-4 10/11/23 10:51

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Mercury,Total Recoverable	0.00300	ND	0.00309	0.00308	103	103	1	75.0-125			0.310	20

Method Blank (MB)

(MB) R3986301-1 10/13/23 22:25

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Barium,Total Recoverable	ND		0.00170	0.00500
Silver, Total Recoverable	ND		0.00280	0.00500
Iron, Total Recoverable	ND		0.0141	0.100
Lead, Total Recoverable	0.00251		0.00190	0.00500
Manganese,Total Recoverable	ND		0.00120	0.0100
Selenium, Total Recoverable	ND		0.00740	0.0100
Tin, Total Recoverable	ND		0.00440	0.0500

Laboratory Control Sample (LCS)

(LCS) R3986301-2 10/13/23 22:28

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Barium,Total Recoverable	1.00	1.03	103	80.0-120	
Silver, Total Recoverable	0.200	0.194	97.0	80.0-120	
Iron, Total Recoverable	10.0	9.96	99.6	80.0-120	
Lead, Total Recoverable	1.00	0.999	99.9	80.0-120	
Manganese,Total Recoverable	1.00	1.00	100	80.0-120	
Selenium, Total Recoverable	1.00	0.988	98.8	80.0-120	
Tin, Total Recoverable	1.00	1.00	100	80.0-120	

L1663617-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1663617-01 10/13/23 22:31 • (MS) R3986301-4 10/13/23 22:36 • (MSD) R3986301-5 10/13/23 22:39

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Barium,Total Recoverable	1.00	0.100	1.08	1.09	98.4	98.7	1	75.0-125			0.285	20
Silver, Total Recoverable	0.200	ND	0.193	0.196	96.3	97.8	1	75.0-125			1.51	20
Iron, Total Recoverable	10.0	0.111	9.75	9.83	96.4	97.2	1	75.0-125			0.759	20
Lead, Total Recoverable	1.00	ND	0.992	1.00	99.2	100	1	75.0-125			0.744	20
Manganese,Total Recoverable	1.00	0.00345	0.954	0.956	95.1	95.3	1	75.0-125			0.198	20
Selenium, Total Recoverable	1.00	ND	0.997	1.01	99.7	101	1	75.0-125			1.66	20
Tin, Total Recoverable	1.00	ND	1.02	1.02	101	101	1	75.0-125			0.0609	20

QUALITY CONTROL SUMMARY

L1663702-01,02,06,12,13,14,15,16,17,18,19,20,21,22

Method Blank (MB)

(MB) R3985095-1 10/11/23 22:42

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Antimony, Total Recoverable	ND		0.000754	0.00200
Arsenic, Total Recoverable	ND		0.000250	0.00200
Beryllium, Total Recoverable	ND		0.000120	0.00200
Cadmium, Total Recoverable	ND		0.000160	0.00100
Cobalt,Total Recoverable	ND		0.000260	0.00200
Chromium, Total Recoverable	ND		0.000540	0.00200
Copper, Total Recoverable	0.000599		0.000520	0.00500
Nickel, Total Recoverable	ND		0.000350	0.00200
Thallium, Total Recoverable	ND		0.000190	0.00200
Vanadium,Total Recoverable	ND		0.000180	0.00500
Zinc, Total Recoverable	ND		0.00256	0.0250

Laboratory Control Sample (LCS)

(LCS) R3985095-2 10/11/23 22:45

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Antimony, Total Recoverable	0.0500	0.0549	110	80.0-120	
Arsenic, Total Recoverable	0.0500	0.0545	109	80.0-120	
Beryllium, Total Recoverable	0.0500	0.0552	110	80.0-120	
Cadmium, Total Recoverable	0.0500	0.0545	109	80.0-120	
Cobalt,Total Recoverable	0.0500	0.0551	110	80.0-120	
Chromium, Total Recoverable	0.0500	0.0561	112	80.0-120	
Copper, Total Recoverable	0.0500	0.0509	102	80.0-120	
Nickel, Total Recoverable	0.0500	0.0544	109	80.0-120	
Thallium, Total Recoverable	0.0500	0.0538	108	80.0-120	
Vanadium,Total Recoverable	0.0500	0.0553	111	80.0-120	
Zinc, Total Recoverable	0.0500	0.0534	107	80.0-120	

L1663702-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1663702-01 10/11/23 22:48 • (MS) R3985095-4 10/11/23 22:55 • (MSD) R3985095-5 10/11/23 22:58

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Antimony, Total Recoverable	0.0500	ND	0.0533	0.0532	107	106	1	75.0-125			0.107	20
Arsenic, Total Recoverable	0.0500	ND	0.0513	0.0530	103	106	1	75.0-125			3.28	20
Beryllium, Total Recoverable	0.0500	ND	0.0540	0.0537	108	107	1	75.0-125			0.646	20
Cadmium, Total Recoverable	0.0500	ND	0.0550	0.0543	110	108	1	75.0-125			1.28	20
Cobalt,Total Recoverable	0.0500	ND	0.0515	0.0572	103	114	1	75.0-125			10.4	20

L1663702-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1663702-01 10/11/23 22:48 • (MS) R3985095-4 10/11/23 22:55 • (MSD) R3985095-5 10/11/23 22:58

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chromium, Total Recoverable	0.0500	ND	0.0543	0.746	104	1490	1	75.0-125		J3 J5	173	20
Copper, Total Recoverable	0.0500	ND	0.0500	0.0676	100	135	1	75.0-125		J3 J5	30.0	20
Nickel, Total Recoverable	0.0500	ND	0.0532	0.373	104	743	1	75.0-125		J3 J5	150	20
Thallium, Total Recoverable	0.0500	ND	0.0517	0.0523	103	104	1	75.0-125			1.25	20
Vanadium,Total Recoverable	0.0500	ND	0.0519	0.0570	104	114	1	75.0-125			9.23	20
Zinc, Total Recoverable	0.0500	ND	0.0532	0.0534	99.8	100	1	75.0-125			0.396	20

Method Blank (MB)

(MB) R3984821-4 10/08/23 06:28

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
1,1,1,2-Tetrachloroethane	ND		0.120	0.500
1,1,1-Trichloroethane	ND		0.0940	0.500
1,1,2,2-Tetrachloroethane	ND		0.130	0.500
1,1,2-Trichloroethane	ND		0.186	0.500
1,1-Dichloroethane	ND		0.114	0.500
1,1-Dichloroethene	ND		0.188	0.500
1,1-Dichloropropene	ND		0.128	0.500
1,2,3-Trichloropropane	ND		0.247	2.50
1,2-Dibromo-3-Chloropropane	ND		0.325	2.50
1,2-Dibromoethane	ND		0.193	0.500
1,2-Dichlorobenzene	ND		0.101	0.500
1,2-Dichloroethane	ND		0.108	0.500
1,2-Dichloropropane	ND		0.190	0.500
1,3-Dichlorobenzene	ND		0.130	0.500
1,3-Dichloropropane	ND		0.147	1.00
1,4-Dichlorobenzene	ND		0.121	0.500
2,2-Dichloropropane	ND		0.0929	0.500
2-Butanone (MEK)	ND		1.28	5.00
2-Hexanone	ND		0.757	5.00
4-Methyl-2-pentanone (MIBK)	ND		0.823	5.00
Acetone	ND		1.05	25.0
Acetonitrile	ND		15.0	50.0
Acrolein	ND		8.87	50.0
Acrylonitrile	ND		0.873	5.00
Allyl chloride	ND		1.70	5.00
Benzene	ND		0.0896	0.500
Bromochloromethane	ND		0.145	0.500
Bromodichloromethane	ND		0.0800	0.500
Bromoform	ND		0.186	0.500
Bromomethane	ND		0.157	2.50
Carbon disulfide	ND		0.101	0.500
Carbon tetrachloride	ND		0.159	0.500
Chlorobenzene	ND		0.140	0.500
Chloroethane	ND		0.141	2.50
Chloroform	ND		0.0860	0.500
Chloromethane	ND		0.153	1.25
Chloroprene	ND		1.70	50.0
Dibromochloromethane	ND		0.128	0.500
Dibromomethane	ND		0.117	0.500
Dichlorodifluoromethane	ND		0.127	2.50

Method Blank (MB)

(MB) R3984821-4 10/08/23 06:28

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Ethyl methacrylate	ND		1.40	5.00
Ethylbenzene	ND		0.158	0.500
Iodomethane	ND		0.377	10.0
Isobutanol	ND		39.0	100
Methacrylonitrile	ND		13.0	50.0
Methyl methacrylate	ND		1.20	5.00
Methylene Chloride	ND		1.07	2.50
Propionitrile	ND		13.0	50.0
Styrene	ND		0.117	0.500
Tetrachloroethene	ND		0.199	0.500
Toluene	ND		0.412	0.500
Trichloroethene	ND		0.153	0.500
Trichlorofluoromethane	ND		0.130	2.50
Vinyl acetate	ND		0.645	5.00
Vinyl chloride	ND		0.118	0.500
Xylenes, Total	ND		0.316	1.50
cis-1,2-Dichloroethene	ND		0.0933	0.500
cis-1,3-Dichloropropene	ND		0.0976	0.500
trans-1,2-Dichloroethene	ND		0.152	0.500
trans-1,3-Dichloropropene	ND		0.222	0.500
trans-1,4-Dichloro-2-butene	ND		0.257	5.00
(S) Toluene-d8	*106*			*80.0-120*
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*
(S) 4-Bromofluorobenzene	*89.1*			*77.0-126*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3984821-1 10/08/23 04:44 • (LCSD) R3984821-2 10/08/23 05:05

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
1,1,1,2-Tetrachloroethane	5.00	6.04	5.51	121	110	75.0-125			9.18	20
1,1,1-Trichloroethane	5.00	5.31	5.09	106	102	73.0-124			4.23	20
1,1,2,2-Tetrachloroethane	5.00	5.07	4.79	101	95.8	65.0-130			5.68	20
1,1,2-Trichloroethane	5.00	5.67	5.37	113	107	80.0-120			5.43	20
1,1-Dichloroethane	5.00	5.23	5.01	105	100	70.0-126			4.30	20
1,1-Dichloroethene	5.00	4.97	4.39	99.4	87.8	71.0-124			12.4	20
1,1-Dichloropropene	5.00	5.14	4.77	103	95.4	74.0-126			7.47	20
1,2,3-Trichloropropane	5.00	5.11	4.64	102	92.8	73.0-130			9.64	20
1,2-Dibromo-3-Chloropropane	5.00	4.05	3.89	81.0	77.8	58.0-134			4.03	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3984821-1 10/08/23 04:44 • (LCSD) R3984821-2 10/08/23 05:05

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
1,2-Dibromoethane	5.00	5.73	5.44	115	109	80.0-122			5.19	20
1,2-Dichlorobenzene	5.00	5.74	5.50	115	110	79.0-121			4.27	20
1,2-Dichloroethane	5.00	5.27	4.95	105	99.0	70.0-128			6.26	20
1,2-Dichloropropane	5.00	5.34	5.13	107	103	77.0-125			4.01	20
1,3-Dichlorobenzene	5.00	5.57	5.31	111	106	79.0-120			4.78	20
1,3-Dichloropropane	5.00	5.52	5.19	110	104	80.0-120			6.16	20
1,4-Dichlorobenzene	5.00	5.65	5.32	113	106	79.0-120			6.02	20
2,2-Dichloropropane	5.00	4.89	4.25	97.8	85.0	58.0-130			14.0	20
2-Butanone (MEK)	25.0	27.2	25.2	109	101	44.0-160			7.63	20
2-Hexanone	25.0	26.3	25.0	105	100	67.0-149			5.07	20
4-Methyl-2-pentanone (MIBK)	25.0	28.9	27.3	116	109	68.0-142			5.69	20
Acetone	25.0	28.9	29.3	116	117	19.0-160			1.37	27
Acrolein	25.0	14.3	12.2	57.2	48.8	10.0-160			15.8	26
Acrylonitrile	25.0	25.7	24.7	103	98.8	55.0-149			3.97	20
Allyl chloride	25.0	25.5	23.3	102	93.2	72.0-128			9.02	23
Benzene	5.00	5.08	4.76	102	95.2	70.0-123			6.50	20
Bromochloromethane	5.00	5.63	5.31	113	106	76.0-122			5.85	20
Bromodichloromethane	5.00	5.12	4.93	102	98.6	75.0-120			3.78	20
Bromoform	5.00	5.89	5.57	118	111	68.0-132			5.58	20
Bromomethane	5.00	5.18	5.15	104	103	10.0-160			0.581	25
Carbon disulfide	5.00	4.37	4.10	87.4	82.0	61.0-128			6.38	20
Carbon tetrachloride	5.00	5.46	5.11	109	102	68.0-126			6.62	20
Chlorobenzene	5.00	5.72	5.38	114	108	80.0-121			6.13	20
Chloroethane	5.00	6.09	5.65	122	113	47.0-150			7.50	20
Chloroform	5.00	5.31	5.00	106	100	73.0-120			6.01	20
Chloromethane	5.00	5.05	4.83	101	96.6	41.0-142			4.45	20
Dibromochloromethane	5.00	5.92	5.46	118	109	77.0-125			8.08	20
Dibromomethane	5.00	5.14	5.03	103	101	80.0-120			2.16	20
Dichlorodifluoromethane	5.00	4.14	3.82	82.8	76.4	51.0-149			8.04	20
Ethylbenzene	5.00	5.80	5.20	116	104	79.0-123			10.9	20
Iodomethane	25.0	21.4	21.2	85.6	84.8	33.0-147			0.939	26
Methylene Chloride	5.00	3.99	3.88	79.8	77.6	67.0-120			2.80	20
Styrene	5.00	5.10	4.83	102	96.6	73.0-130			5.44	20
Tetrachloroethene	5.00	6.02	5.62	120	112	72.0-132			6.87	20
Toluene	5.00	5.36	5.06	107	101	79.0-120			5.76	20
Trichloroethene	5.00	5.67	5.57	113	111	78.0-124			1.78	20
Trichlorofluoromethane	5.00	6.26	5.60	125	112	59.0-147			11.1	20
Vinyl acetate	25.0	20.9	16.4	83.6	65.6	11.0-160		J3	24.1	20
Vinyl chloride	5.00	5.44	5.06	109	101	67.0-131			7.24	20
Xylenes, Total	15.0	16.5	15.7	110	105	79.0-123			4.97	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3984821-1 10/08/23 04:44 • (LCSD) R3984821-2 10/08/23 05:05

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
cis-1,2-Dichloroethene	5.00	5.12	5.07	102	101	73.0-120			0.981	20
cis-1,3-Dichloropropene	5.00	4.83	4.43	96.6	88.6	80.0-123			8.64	20
trans-1,2-Dichloroethene	5.00	5.10	4.69	102	93.8	73.0-120			8.38	20
trans-1,3-Dichloropropene	5.00	5.59	5.21	112	104	78.0-124			7.04	20
trans-1,4-Dichloro-2-butene	5.00	4.84	4.45	96.8	89.0	33.0-144			8.40	20
(S) Toluene-d8				*106*	*104*	*80.0-120*				
(S) 1,2-Dichloroethane-d4				*97.9*	*97.3*	*70.0-130*				
(S) 4-Bromofluorobenzene				*91.1*	*89.4*	*77.0-126*				

Laboratory Control Sample (LCS)

(LCS) R3984821-3 10/08/23 05:26

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetonitrile	500	408	81.6	40.0-160	
Chloroprene	50.0	50.3	101	60.0-143	
Ethyl methacrylate	50.0	55.6	111	72.0-129	
Isobutanol	1000	837	83.7	40.0-160	
Methacrylonitrile	500	468	93.6	61.0-145	
Methyl methacrylate	50.0	49.3	98.6	63.0-149	
Propionitrile	500	449	89.8	49.0-160	
(S) Toluene-d8			*108*	*80.0-120*	
(S) 1,2-Dichloroethane-d4			*98.5*	*70.0-130*	
(S) 4-Bromofluorobenzene			*92.6*	*77.0-126*	

Method Blank (MB)

(MB) R3983704-3 10/08/23 15:17

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
1,1,1,2-Tetrachloroethane	ND		0.120	0.500
1,1,1-Trichloroethane	ND		0.0940	0.500
1,1,2,2-Tetrachloroethane	ND		0.130	0.500
1,1,2-Trichloroethane	ND		0.0940	0.500
1,1-Dichloroethane	ND		0.114	0.500
1,1-Dichloroethene	ND		0.188	0.500
1,2,3-Trichloropropane	ND		0.247	2.50
1,2-Dibromo-3-Chloropropane	ND		0.325	2.50
1,2-Dibromoethane	ND		0.193	0.500
1,2-Dichlorobenzene	ND		0.101	0.500
1,2-Dichloroethane	ND		0.108	0.500
1,2-Dichloropropane	ND		0.190	0.500
1,4-Dichlorobenzene	ND		0.121	0.500
2-Butanone (MEK)	ND		1.28	5.00
2-Hexanone	ND		0.757	5.00
4-Methyl-2-pentanone (MIBK)	ND		0.823	5.00
Acetone	ND		1.05	25.0
Acrylonitrile	ND		0.873	5.00
Benzene	ND		0.0896	0.500
Bromochloromethane	ND		0.145	0.500
Bromodichloromethane	ND		0.0800	0.500
Bromoform	ND		0.186	0.500
Bromomethane	ND		0.157	2.50
Carbon disulfide	ND		0.101	0.500
Carbon tetrachloride	ND		0.159	0.500
Chlorobenzene	ND		0.140	0.500
Chloroethane	ND		0.141	2.50
Chloroform	ND		0.0860	0.500
Chloromethane	ND		0.153	1.25
Dibromochloromethane	ND		0.128	0.500
Dibromomethane	ND		0.117	0.500
Ethylbenzene	ND		0.158	0.500
Iodomethane	ND		0.377	10.0
Methylene Chloride	ND		1.07	2.50
Styrene	ND		0.117	0.500
Tetrachloroethene	ND		0.199	0.500
Toluene	ND		0.412	0.500
Trichloroethene	ND		0.153	0.500
Trichlorofluoromethane	ND		0.130	2.50
Vinyl acetate	ND		0.645	5.00

Method Blank (MB)

(MB) R3983704-3 10/08/23 15:17

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Vinyl chloride	ND		0.118	0.500
Xylenes, Total	ND		0.316	1.50
cis-1,2-Dichloroethene	ND		0.0933	0.500
cis-1,3-Dichloropropene	ND		0.0976	0.500
trans-1,2-Dichloroethene	ND		0.152	0.500
trans-1,3-Dichloropropene	ND		0.222	0.500
trans-1,4-Dichloro-2-butene	ND		0.257	5.00
(S) 1,2-Dichloroethane-d4	*98.4*			*70.0-130*
(S) 4-Bromofluorobenzene	*87.9*			*77.0-126*
(S) Toluene-d8	*111*			*80.0-120*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3983704-1 10/08/23 14:20 • (LCSD) R3983704-2 10/08/23 14:39

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
1,1,1,2-Tetrachloroethane	5.00	5.38	5.55	108	111	75.0-125			3.11	20
1,1,1-Trichloroethane	5.00	4.51	5.09	90.2	102	73.0-124			12.1	20
1,1,2,2-Tetrachloroethane	5.00	5.26	5.59	105	112	65.0-130			6.08	20
1,1,2-Trichloroethane	5.00	5.15	5.51	103	110	80.0-120			6.75	20
1,1-Dichloroethane	5.00	4.68	5.03	93.6	101	70.0-126			7.21	20
1,1-Dichloroethene	5.00	4.60	5.05	92.0	101	71.0-124			9.33	20
1,2,3-Trichloropropane	5.00	5.35	5.61	107	112	73.0-130			4.74	20
1,2-Dibromo-3-Chloropropane	5.00	5.01	5.61	100	112	58.0-134			11.3	20
1,2-Dibromoethane	5.00	5.22	5.38	104	108	80.0-122			3.02	20
1,2-Dichlorobenzene	5.00	5.19	5.72	104	114	79.0-121			9.72	20
1,2-Dichloroethane	5.00	4.24	4.53	84.8	90.6	70.0-128			6.61	20
1,2-Dichloropropane	5.00	4.78	4.98	95.6	99.6	77.0-125			4.10	20
1,4-Dichlorobenzene	5.00	5.36	5.83	107	117	79.0-120			8.40	20
2-Butanone (MEK)	25.0	21.9	23.7	87.6	94.8	44.0-160			7.89	20
2-Hexanone	25.0	25.8	27.6	103	110	67.0-149			6.74	20
4-Methyl-2-pentanone (MIBK)	25.0	29.0	31.3	116	125	68.0-142			7.63	20
Acetone	25.0	19.4	22.7	77.6	90.8	19.0-160			15.7	27
Acrylonitrile	25.0	21.3	24.8	85.2	99.2	55.0-149			15.2	20
Benzene	5.00	4.20	4.47	84.0	89.4	70.0-123			6.23	20
Bromochloromethane	5.00	4.31	4.57	86.2	91.4	76.0-122			5.86	20
Bromodichloromethane	5.00	4.53	4.73	90.6	94.6	75.0-120			4.32	20
Bromoform	5.00	5.86	6.02	117	120	68.0-132			2.69	20
Bromomethane	5.00	4.14	4.13	82.8	82.6	10.0-160			0.242	25

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3983704-1 10/08/23 14:20 • (LCSD) R3983704-2 10/08/23 14:39

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Carbon disulfide	5.00	4.49	4.81	89.8	96.2	61.0-128			6.88	20
Carbon tetrachloride	5.00	4.54	4.81	90.8	96.2	68.0-126			5.78	20
Chlorobenzene	5.00	5.08	5.40	102	108	80.0-121			6.11	20
Chloroethane	5.00	4.05	4.20	81.0	84.0	47.0-150			3.64	20
Chloroform	5.00	4.30	4.77	86.0	95.4	73.0-120			10.4	20
Chloromethane	5.00	7.29	7.69	146	154	41.0-142	J4	J4	5.34	20
Dibromochloromethane	5.00	5.59	5.79	112	116	77.0-125			3.51	20
Dibromomethane	5.00	4.20	4.19	84.0	83.8	80.0-120			0.238	20
Ethylbenzene	5.00	4.77	5.10	95.4	102	79.0-123			6.69	20
Iodomethane	25.0	23.1	23.9	92.4	95.6	33.0-147			3.40	26
Methylene Chloride	5.00	4.30	4.62	86.0	92.4	67.0-120			7.17	20
Styrene	5.00	4.43	4.87	88.6	97.4	73.0-130			9.46	20
Tetrachloroethene	5.00	5.79	6.12	116	122	72.0-132			5.54	20
Toluene	5.00	5.01	5.17	100	103	79.0-120			3.14	20
Trichloroethene	5.00	4.40	4.80	88.0	96.0	78.0-124			8.70	20
Trichlorofluoromethane	5.00	4.79	5.42	95.8	108	59.0-147			12.3	20
Vinyl acetate	25.0	23.1	23.1	92.4	92.4	11.0-160			0.000	20
Vinyl chloride	5.00	5.07	5.42	101	108	67.0-131			6.67	20
Xylenes, Total	15.0	14.1	14.9	94.0	99.3	79.0-123			5.52	20
cis-1,2-Dichloroethene	5.00	4.33	4.56	86.6	91.2	73.0-120			5.17	20
cis-1,3-Dichloropropene	5.00	4.06	4.33	81.2	86.6	80.0-123			6.44	20
trans-1,2-Dichloroethene	5.00	4.39	4.70	87.8	94.0	73.0-120			6.82	20
trans-1,3-Dichloropropene	5.00	4.68	4.97	93.6	99.4	78.0-124			6.01	20
trans-1,4-Dichloro-2-butene	5.00	5.03	5.28	101	106	33.0-144			4.85	20
(S) 1,2-Dichloroethane-d4				*97.1*	*101*	*70.0-130*				
(S) 4-Bromofluorobenzene				*93.3*	*92.1*	*77.0-126*				
(S) Toluene-d8				*114*	*114*	*80.0-120*				

L1663164-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1663164-09 10/08/23 16:28 • (MS) R3983704-4 10/08/23 22:49 • (MSD) R3983704-5 10/08/23 23:08

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
1,1,1,2-Tetrachloroethane	5.00	ND	5.70	5.62	114	112	1	36.0-151			1.41	29
1,1,1-Trichloroethane	5.00	ND	4.97	5.02	99.4	100	1	23.0-160			1.00	28
1,1,2,2-Tetrachloroethane	5.00	ND	5.83	5.55	117	111	1	33.0-150			4.92	28
1,1,2-Trichloroethane	5.00	ND	5.57	5.18	111	104	1	35.0-147			7.26	27
1,1-Dichloroethane	5.00	ND	5.08	4.87	102	97.4	1	25.0-158			4.22	27
1,1-Dichloroethene	5.00	ND	5.11	4.98	102	99.6	1	11.0-160			2.58	29

L1663164-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1663164-09 10/08/23 16:28 • (MS) R3983704-4 10/08/23 22:49 • (MSD) R3983704-5 10/08/23 23:08

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
1,2,3-Trichloropropane	5.00	ND	5.59	5.48	112	110	1	34.0-151			1.99	29
1,2-Dibromo-3-Chloropropane	5.00	ND	5.66	4.87	113	97.4	1	22.0-151			15.0	34
1,2-Dibromoethane	5.00	ND	5.35	5.11	107	102	1	34.0-147			4.59	27
1,2-Dichlorobenzene	5.00	ND	5.82	5.57	116	111	1	34.0-149			4.39	28
1,2-Dichloroethane	5.00	ND	4.55	4.40	91.0	88.0	1	29.0-151			3.35	27
1,2-Dichloropropane	5.00	ND	4.85	4.98	97.0	99.6	1	30.0-156			2.64	27
1,4-Dichlorobenzene	5.00	ND	5.94	5.72	119	114	1	35.0-142			3.77	27
2-Butanone (MEK)	25.0	ND	23.3	23.5	93.2	94.0	1	10.0-160			0.855	32
2-Hexanone	25.0	ND	26.6	26.6	106	106	1	21.0-160			0.000	29
4-Methyl-2-pentanone (MIBK)	25.0	ND	30.1	29.1	120	116	1	29.0-160			3.38	29
Acetone	25.0	ND	23.1	24.1	92.4	96.4	1	10.0-160			4.24	35
Acrylonitrile	25.0	ND	24.5	26.2	98.0	105	1	21.0-160			6.71	32
Benzene	5.00	ND	4.53	4.40	90.6	88.0	1	17.0-158			2.91	27
Bromochloromethane	5.00	ND	4.36	4.31	87.2	86.2	1	38.0-142			1.15	26
Bromodichloromethane	5.00	ND	4.81	4.59	96.2	91.8	1	31.0-150			4.68	27
Bromoform	5.00	ND	6.03	5.70	121	114	1	29.0-150			5.63	29
Bromomethane	5.00	ND	4.02	3.88	80.4	77.6	1	10.0-160			3.54	38
Carbon disulfide	5.00	ND	4.37	4.31	87.4	86.2	1	10.0-156			1.38	28
Carbon tetrachloride	5.00	ND	5.17	5.07	103	101	1	23.0-159			1.95	28
Chlorobenzene	5.00	ND	5.49	5.18	110	104	1	33.0-152			5.81	27
Chloroethane	5.00	ND	4.09	4.07	81.8	81.4	1	10.0-160			0.490	30
Chloroform	5.00	ND	4.68	4.55	93.6	91.0	1	29.0-154			2.82	28
Chloromethane	5.00	ND	7.12	6.82	142	136	1	10.0-160			4.30	29
Dibromochloromethane	5.00	ND	5.80	5.61	116	112	1	37.0-149			3.33	27
Dibromomethane	5.00	ND	4.09	4.17	81.8	83.4	1	30.0-151			1.94	27
Ethylbenzene	5.00	ND	5.56	5.28	111	106	1	30.0-155			5.17	27
Iodomethane	25.0	ND	23.3	23.4	93.2	93.6	1	10.0-160			0.428	40
Methylene Chloride	5.00	ND	4.46	4.38	89.2	87.6	1	23.0-144			1.81	28
Styrene	5.00	ND	4.85	4.72	97.0	94.4	1	33.0-155			2.72	28
Tetrachloroethene	5.00	ND	6.35	6.04	127	121	1	10.0-160			5.00	27
Toluene	5.00	ND	5.24	5.11	105	102	1	26.0-154			2.51	28
Trichloroethene	5.00	ND	4.76	4.72	95.2	94.4	1	10.0-160			0.844	25
Trichlorofluoromethane	5.00	ND	5.50	5.26	110	105	1	17.0-160			4.46	31
Vinyl acetate	25.0	ND	28.2	27.7	113	111	1	12.0-160			1.79	31
Vinyl chloride	5.00	ND	5.56	5.36	111	107	1	10.0-160			3.66	27
Xylenes, Total	15.0	ND	15.7	15.1	105	101	1	29.0-154			3.90	28
cis-1,2-Dichloroethene	5.00	ND	4.65	4.52	93.0	90.4	1	10.0-160			2.84	27
cis-1,3-Dichloropropene	5.00	ND	4.05	3.93	81.0	78.6	1	34.0-149			3.01	28
trans-1,2-Dichloroethene	5.00	ND	4.77	4.46	95.4	89.2	1	17.0-153			6.72	27
trans-1,3-Dichloropropene	5.00	ND	4.92	4.66	98.4	93.2	1	32.0-149			5.43	28

L1663164-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1663164-09 10/08/23 16:28 • (MS) R3983704-4 10/08/23 22:49 • (MSD) R3983704-5 10/08/23 23:08

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
trans-1,4-Dichloro-2-butene	5.00	ND	4.98	4.69	99.6	93.8	1	10.0-157			6.00	37
(S) 1,2-Dichloroethane-d4					*96.0*	*97.9*		*70.0-130*				
(S) 4-Bromofluorobenzene					*94.3*	*94.1*		*77.0-126*				
(S) Toluene-d8					*111*	*108*		*80.0-120*				

L1663164-14 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1663164-14 10/08/23 18:03 • (MS) R3983704-6 10/08/23 23:27 • (MSD) R3983704-7 10/08/23 23:47

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
1,1,1,2-Tetrachloroethane	5.00	ND	4.51	4.47	90.2	89.4	1	36.0-151			0.891	29
1,1,1-Trichloroethane	5.00	ND	4.06	4.17	81.2	83.4	1	23.0-160			2.67	28
1,1,2,2-Tetrachloroethane	5.00	ND	4.53	4.68	90.6	93.6	1	33.0-150			3.26	28
1,1,2-Trichloroethane	5.00	ND	4.61	4.36	92.2	87.2	1	35.0-147			5.57	27
1,1-Dichloroethane	5.00	ND	4.23	4.24	84.6	84.8	1	25.0-158			0.236	27
1,1-Dichloroethene	5.00	ND	4.38	4.49	87.6	89.8	1	11.0-160			2.48	29
1,2,3-Trichloropropane	5.00	ND	4.70	4.61	94.0	92.2	1	34.0-151			1.93	29
1,2-Dibromo-3-Chloropropane	5.00	ND	4.28	4.77	85.6	95.4	1	22.0-151			10.8	34
1,2-Dibromoethane	5.00	ND	4.39	4.47	87.8	89.4	1	34.0-147			1.81	27
1,2-Dichlorobenzene	5.00	ND	4.52	4.66	90.4	93.2	1	34.0-149			3.05	28
1,2-Dichloroethane	5.00	ND	3.87	3.75	77.4	75.0	1	29.0-151			3.15	27
1,2-Dichloropropane	5.00	ND	4.14	3.98	82.8	79.6	1	30.0-156			3.94	27
1,4-Dichlorobenzene	5.00	ND	4.82	4.78	96.4	95.6	1	35.0-142			0.833	27
2-Butanone (MEK)	25.0	ND	22.4	19.1	89.6	76.4	1	10.0-160			15.9	32
2-Hexanone	25.0	ND	23.9	23.2	95.6	92.8	1	21.0-160			2.97	29
4-Methyl-2-pentanone (MIBK)	25.0	ND	26.3	25.3	105	101	1	29.0-160			3.88	29
Acetone	25.0	ND	31.0	28.1	124	112	1	10.0-160			9.81	35
Acrylonitrile	25.0	ND	26.6	21.1	106	84.4	1	21.0-160			23.1	32
Benzene	5.00	ND	3.80	3.74	76.0	74.8	1	17.0-158			1.59	27
Bromochloromethane	5.00	ND	3.91	3.72	78.2	74.4	1	38.0-142			4.98	26
Bromodichloromethane	5.00	ND	4.00	3.77	80.0	75.4	1	31.0-150			5.92	27
Bromoform	5.00	ND	5.14	5.05	103	101	1	29.0-150			1.77	29
Bromomethane	5.00	ND	3.23	3.35	64.6	67.0	1	10.0-160			3.65	38
Carbon disulfide	5.00	ND	3.68	3.76	73.6	75.2	1	10.0-156			2.15	28
Carbon tetrachloride	5.00	ND	4.18	4.27	83.6	85.4	1	23.0-159			2.13	28
Chlorobenzene	5.00	ND	4.61	4.51	92.2	90.2	1	33.0-152			2.19	27
Chloroethane	5.00	ND	3.27	3.52	65.4	70.4	1	10.0-160			7.36	30
Chloroform	5.00	ND	3.93	3.86	78.6	77.2	1	29.0-154			1.80	28
Chloromethane	5.00	ND	6.02	5.95	120	119	1	10.0-160			1.17	29

L1663164-14 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1663164-14 10/08/23 18:03 • (MS) R3983704-6 10/08/23 23:27 • (MSD) R3983704-7 10/08/23 23:47

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Dibromochloromethane	5.00	ND	4.76	4.60	95.2	92.0	1	37.0-149			3.42	27
Dibromomethane	5.00	ND	3.55	3.45	71.0	69.0	1	30.0-151			2.86	27
Ethylbenzene	5.00	ND	4.47	4.45	89.4	89.0	1	30.0-155			0.448	27
Iodomethane	25.0	ND	19.9	19.9	79.6	79.6	1	10.0-160			0.000	40
Methylene Chloride	5.00	ND	3.76	3.84	75.2	76.8	1	23.0-144			2.11	28
Styrene	5.00	ND	4.06	3.80	81.2	76.0	1	33.0-155			6.62	28
Tetrachloroethene	5.00	ND	5.28	5.21	106	104	1	10.0-160			1.33	27
Toluene	5.00	ND	4.27	4.37	85.4	87.4	1	26.0-154			2.31	28
Trichloroethene	5.00	ND	3.84	3.96	76.8	79.2	1	10.0-160			3.08	25
Trichlorofluoromethane	5.00	ND	4.10	4.70	82.0	94.0	1	17.0-160			13.6	31
Vinyl acetate	25.0	ND	24.3	23.3	97.2	93.2	1	12.0-160			4.20	31
Vinyl chloride	5.00	ND	4.52	4.58	90.4	91.6	1	10.0-160			1.32	27
Xylenes, Total	15.0	ND	12.7	12.6	84.7	84.0	1	29.0-154			0.791	28
cis-1,2-Dichloroethene	5.00	ND	4.14	3.88	82.8	77.6	1	10.0-160			6.48	27
cis-1,3-Dichloropropene	5.00	ND	3.37	3.33	67.4	66.6	1	34.0-149			1.19	28
trans-1,2-Dichloroethene	5.00	ND	3.85	3.89	77.0	77.8	1	17.0-153			1.03	27
trans-1,3-Dichloropropene	5.00	ND	3.99	3.99	79.8	79.8	1	32.0-149			0.000	28
trans-1,4-Dichloro-2-butene	5.00	ND	3.59	3.98	71.8	79.6	1	10.0-157			10.3	37
(S) 1,2-Dichloroethane-d4					*98.6*	*97.8*		*70.0-130*				
(S) 4-Bromofluorobenzene					*95.8*	*93.8*		*77.0-126*				
(S) Toluene-d8					*110*	*111*		*80.0-120*				

Method Blank (MB)

(MB) R3983905-4 10/09/23 11:54

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
1,1,1,2-Tetrachloroethane	ND		0.120	0.500
1,1,1-Trichloroethane	ND		0.0940	0.500
1,1,2,2-Tetrachloroethane	ND		0.130	0.500
1,1,2-Trichloroethane	ND		0.186	0.500
1,1-Dichloroethane	ND		0.114	0.500
1,1-Dichloroethene	ND		0.188	0.500
1,1-Dichloropropene	ND		0.128	0.500
1,2,3-Trichloropropane	ND		0.247	2.50
1,2-Dibromo-3-Chloropropane	ND		0.325	2.50
1,2-Dibromoethane	ND		0.193	0.500
1,2-Dichlorobenzene	ND		0.101	0.500
1,2-Dichloroethane	ND		0.108	0.500
1,2-Dichloropropane	ND		0.190	0.500
1,3-Dichlorobenzene	ND		0.130	0.500
1,3-Dichloropropane	ND		0.147	1.00
1,4-Dichlorobenzene	ND		0.121	0.500
2,2-Dichloropropane	ND		0.0929	0.500
2-Butanone (MEK)	ND		1.28	5.00
2-Hexanone	ND		0.757	5.00
4-Methyl-2-pentanone (MIBK)	ND		0.823	5.00
Acetone	ND		1.05	25.0
Acetonitrile	ND		15.0	50.0
Acrolein	ND		8.87	50.0
Acrylonitrile	ND		0.873	5.00
Allyl chloride	ND		1.70	5.00
Benzene	ND		0.0896	0.500
Bromochloromethane	ND		0.145	0.500
Bromodichloromethane	ND		0.0800	0.500
Bromoform	ND		0.186	0.500
Bromomethane	ND		0.157	2.50
Carbon disulfide	ND		0.101	0.500
Carbon tetrachloride	ND		0.159	0.500
Chlorobenzene	ND		0.140	0.500
Chloroethane	ND		0.141	2.50
Chloroform	ND		0.0860	0.500
Chloromethane	ND		0.153	1.25
Chloroprene	ND		1.70	50.0
Dibromochloromethane	ND		0.128	0.500
Dibromomethane	ND		0.117	0.500
Dichlorodifluoromethane	ND		0.127	2.50

Method Blank (MB)

(MB) R3983905-4 10/09/23 11:54

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Ethyl methacrylate	ND		1.40	5.00
Ethylbenzene	ND		0.158	0.500
Iodomethane	ND		0.377	10.0
Isobutanol	ND		39.0	100
Methacrylonitrile	ND		13.0	50.0
Methyl methacrylate	ND		1.20	5.00
Methylene Chloride	ND		1.07	2.50
Propionitrile	ND		13.0	50.0
Styrene	ND		0.117	0.500
Tetrachloroethene	ND		0.199	0.500
Toluene	ND		0.412	0.500
Trichloroethene	ND		0.153	0.500
Trichlorofluoromethane	ND		0.130	2.50
Vinyl acetate	ND		0.645	5.00
Vinyl chloride	ND		0.118	0.500
Xylenes, Total	ND		0.316	1.50
cis-1,2-Dichloroethene	ND		0.0933	0.500
cis-1,3-Dichloropropene	ND		0.0976	0.500
trans-1,2-Dichloroethene	ND		0.152	0.500
trans-1,3-Dichloropropene	ND		0.222	0.500
trans-1,4-Dichloro-2-butene	ND		0.257	5.00
(S) Toluene-d8	*108*			*80.0-120*
(S) 1,2-Dichloroethane-d4	*97.1*			*70.0-130*
(S) 4-Bromofluorobenzene	*93.7*			*77.0-126*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3983905-1 10/09/23 10:32 • (LCSD) R3983905-2 10/09/23 10:52

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
1,1,1,2-Tetrachloroethane	5.00	5.68	5.17	114	103	75.0-125			9.40	20
1,1,1-Trichloroethane	5.00	5.14	4.45	103	89.0	73.0-124			14.4	20
1,1,2,2-Tetrachloroethane	5.00	5.31	4.70	106	94.0	65.0-130			12.2	20
1,1,2-Trichloroethane	5.00	5.67	5.12	113	102	80.0-120			10.2	20
1,1-Dichloroethane	5.00	5.26	4.47	105	89.4	70.0-126			16.2	20
1,1-Dichloroethene	5.00	4.76	3.97	95.2	79.4	71.0-124			18.1	20
1,1-Dichloropropene	5.00	4.93	4.25	98.6	85.0	74.0-126			14.8	20
1,2,3-Trichloropropane	5.00	4.97	4.56	99.4	91.2	73.0-130			8.60	20
1,2-Dibromo-3-Chloropropane	5.00	3.99	3.69	79.8	73.8	58.0-134			7.81	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3983905-1 10/09/23 10:32 • (LCSD) R3983905-2 10/09/23 10:52

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
1,2-Dibromoethane	5.00	5.77	5.14	115	103	80.0-122			11.5	20
1,2-Dichlorobenzene	5.00	5.73	5.13	115	103	79.0-121			11.0	20
1,2-Dichloroethane	5.00	5.14	4.85	103	97.0	70.0-128			5.81	20
1,2-Dichloropropane	5.00	5.35	4.62	107	92.4	77.0-125			14.6	20
1,3-Dichlorobenzene	5.00	5.42	4.91	108	98.2	79.0-120			9.87	20
1,3-Dichloropropane	5.00	5.45	5.00	109	100	80.0-120			8.61	20
1,4-Dichlorobenzene	5.00	5.61	4.95	112	99.0	79.0-120			12.5	20
2,2-Dichloropropane	5.00	5.06	4.45	101	89.0	58.0-130			12.8	20
2-Butanone (MEK)	25.0	26.1	24.5	104	98.0	44.0-160			6.32	20
2-Hexanone	25.0	26.7	24.8	107	99.2	67.0-149			7.38	20
4-Methyl-2-pentanone (MIBK)	25.0	29.0	26.8	116	107	68.0-142			7.89	20
Acetone	25.0	31.3	29.0	125	116	19.0-160			7.63	27
Acrolein	25.0	14.7	13.8	58.8	55.2	10.0-160			6.32	26
Acrylonitrile	25.0	26.7	24.2	107	96.8	55.0-149			9.82	20
Allyl chloride	25.0	25.3	21.6	101	86.4	72.0-128			15.8	23
Benzene	5.00	4.98	4.33	99.6	86.6	70.0-123			14.0	20
Bromochloromethane	5.00	5.53	5.06	111	101	76.0-122			8.88	20
Bromodichloromethane	5.00	5.10	4.53	102	90.6	75.0-120			11.8	20
Bromoform	5.00	5.63	5.24	113	105	68.0-132			7.18	20
Bromomethane	5.00	3.43	3.60	68.6	72.0	10.0-160			4.84	25
Carbon disulfide	5.00	4.46	3.88	89.2	77.6	61.0-128			13.9	20
Carbon tetrachloride	5.00	5.12	4.35	102	87.0	68.0-126			16.3	20
Chlorobenzene	5.00	5.54	5.01	111	100	80.0-121			10.0	20
Chloroethane	5.00	5.77	5.09	115	102	47.0-150			12.5	20
Chloroform	5.00	5.29	4.55	106	91.0	73.0-120			15.0	20
Chloromethane	5.00	5.14	4.55	103	91.0	41.0-142			12.2	20
Dibromochloromethane	5.00	5.80	5.38	116	108	77.0-125			7.51	20
Dibromomethane	5.00	5.24	4.88	105	97.6	80.0-120			7.11	20
Dichlorodifluoromethane	5.00	4.76	4.05	95.2	81.0	51.0-149			16.1	20
Ethylbenzene	5.00	5.69	4.91	114	98.2	79.0-123			14.7	20
Iodomethane	25.0	18.0	17.6	72.0	70.4	33.0-147			2.25	26
Methylene Chloride	5.00	4.01	3.41	80.2	68.2	67.0-120			16.2	20
Styrene	5.00	4.96	4.42	99.2	88.4	73.0-130			11.5	20
Tetrachloroethene	5.00	5.73	4.95	115	99.0	72.0-132			14.6	20
Toluene	5.00	5.18	4.61	104	92.2	79.0-120			11.6	20
Trichloroethene	5.00	5.31	4.60	106	92.0	78.0-124			14.3	20
Trichlorofluoromethane	5.00	6.17	5.30	123	106	59.0-147			15.2	20
Vinyl acetate	25.0	36.5	31.8	146	127	11.0-160			13.8	20
Vinyl chloride	5.00	5.46	4.75	109	95.0	67.0-131			13.9	20
Xylenes, Total	15.0	16.3	14.5	109	96.7	79.0-123			11.7	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3983905-1 10/09/23 10:32 • (LCSD) R3983905-2 10/09/23 10:52

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
cis-1,2-Dichloroethene	5.00	5.08	4.53	102	90.6	73.0-120			11.4	20
cis-1,3-Dichloropropene	5.00	4.88	4.40	97.6	88.0	80.0-123			10.3	20
trans-1,2-Dichloroethene	5.00	4.90	4.19	98.0	83.8	73.0-120			15.6	20
trans-1,3-Dichloropropene	5.00	5.60	5.03	112	101	78.0-124			10.7	20
trans-1,4-Dichloro-2-butene	5.00	4.35	4.01	87.0	80.2	33.0-144			8.13	20
(S) Toluene-d8				*105*	*107*	*80.0-120*				
(S) 1,2-Dichloroethane-d4				*97.8*	*97.4*	*70.0-130*				
(S) 4-Bromofluorobenzene				*91.3*	*92.6*	*77.0-126*				

Laboratory Control Sample (LCS)

(LCS) R3983905-3 10/09/23 11:13

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetonitrile	500	463	92.6	40.0-160	
Chloroprene	50.0	52.6	105	60.0-143	
Ethyl methacrylate	50.0	58.7	117	72.0-129	
Isobutanol	1000	909	90.9	40.0-160	
Methacrylonitrile	500	496	99.2	61.0-145	
Methyl methacrylate	50.0	48.3	96.6	63.0-149	
Propionitrile	500	451	90.2	49.0-160	
(S) Toluene-d8			*107*	*80.0-120*	
(S) 1,2-Dichloroethane-d4			*94.9*	*70.0-130*	
(S) 4-Bromofluorobenzene			*94.1*	*77.0-126*	

Method Blank (MB)

(MB) R3984292-3 10/09/23 20:23

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	ND		0.0896	0.500
Ethylbenzene	ND		0.158	0.500
Xylenes, Total	ND		0.316	1.50
(S) 1,2-Dichloroethane-d4	*97.6*			*70.0-130*
(S) 4-Bromofluorobenzene	*92.1*			*77.0-126*
(S) Toluene-d8	*114*			*80.0-120*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3984292-1 10/09/23 19:26 • (LCSD) R3984292-2 10/09/23 19:45

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	5.00	4.35	4.14	87.0	82.8	70.0-123			4.95	20
Ethylbenzene	5.00	4.97	4.69	99.4	93.8	79.0-123			5.80	20
Xylenes, Total	15.0	14.8	14.1	98.7	94.0	79.0-123			4.84	20
(S) 1,2-Dichloroethane-d4				*98.4*	*98.1*	*70.0-130*				
(S) 4-Bromofluorobenzene				*92.3*	*95.3*	*77.0-126*				
(S) Toluene-d8				*113*	*113*	*80.0-120*				

Method Blank (MB)

(MB) R3985695-3 10/09/23 23:40

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
1,1,1,2-Tetrachloroethane	ND		0.120	0.500
1,1,1-Trichloroethane	ND		0.0940	0.500
1,1,2,2-Tetrachloroethane	ND		0.130	0.500
1,1,2-Trichloroethane	ND		0.0940	0.500
1,1-Dichloroethane	ND		0.114	0.500
1,1-Dichloroethene	ND		0.188	0.500
1,2,3-Trichloropropane	ND		0.247	2.50
1,2-Dibromo-3-Chloropropane	ND		0.325	2.50
1,2-Dibromoethane	ND		0.193	0.500
1,2-Dichlorobenzene	ND		0.101	0.500
1,2-Dichloroethane	ND		0.108	0.500
1,2-Dichloropropane	ND		0.190	0.500
1,4-Dichlorobenzene	ND		0.121	0.500
2-Butanone (MEK)	ND		1.28	5.00
2-Hexanone	ND		0.757	5.00
4-Methyl-2-pentanone (MIBK)	ND		0.823	5.00
Acetone	ND		1.05	25.0
Acrylonitrile	ND		0.873	5.00
Benzene	ND		0.0896	0.500
Bromochloromethane	ND		0.145	0.500
Bromodichloromethane	ND		0.0800	0.500
Bromoform	ND		0.186	0.500
Bromomethane	ND		0.157	2.50
Carbon disulfide	ND		0.101	0.500
Carbon tetrachloride	ND		0.159	0.500
Chlorobenzene	ND		0.140	0.500
Chloroethane	ND		0.141	2.50
Chloroform	ND		0.0860	0.500
Chloromethane	ND		0.153	1.25
Dibromochloromethane	ND		0.128	0.500
Dibromomethane	ND		0.117	0.500
Ethylbenzene	ND		0.158	0.500
Iodomethane	ND		0.377	10.0
Methylene Chloride	ND	J	1.07	2.50
Styrene	ND		0.117	0.500
Tetrachloroethene	ND		0.199	0.500
Toluene	ND		0.412	0.500
Trichloroethene	ND		0.153	0.500
Trichlorofluoromethane	ND		0.130	2.50
Vinyl acetate	ND		0.645	5.00

Method Blank (MB)

(MB) R3985695-3 10/09/23 23:40

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Vinyl chloride	ND		0.118	0.500
Xylenes, Total	ND		0.316	1.50
cis-1,2-Dichloroethene	ND		0.0933	0.500
cis-1,3-Dichloropropene	ND		0.0976	0.500
trans-1,2-Dichloroethene	ND		0.152	0.500
trans-1,3-Dichloropropene	ND		0.222	0.500
trans-1,4-Dichloro-2-butene	ND		0.257	5.00
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*
(S) 4-Bromofluorobenzene	*104*			*77.0-126*
(S) Toluene-d8	*103*			*80.0-120*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3985695-1 10/09/23 22:05 • (LCSD) R3985695-2 10/09/23 22:24

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
1,1,1,2-Tetrachloroethane	5.00	4.95	5.86	99.0	117	75.0-125			16.8	20
1,1,1-Trichloroethane	5.00	5.13	6.01	103	120	73.0-124			15.8	20
1,1,2,2-Tetrachloroethane	5.00	4.92	5.67	98.4	113	65.0-130			14.2	20
1,1,2-Trichloroethane	5.00	4.91	5.35	98.2	107	80.0-120			8.58	20
1,1-Dichloroethane	5.00	5.12	5.90	102	118	70.0-126			14.2	20
1,1-Dichloroethene	5.00	5.17	6.14	103	123	71.0-124			17.2	20
1,2,3-Trichloropropane	5.00	4.84	5.46	96.8	109	73.0-130			12.0	20
1,2-Dibromo-3-Chloropropane	5.00	4.28	5.56	85.6	111	58.0-134		J3	26.0	20
1,2-Dibromoethane	5.00	4.88	5.52	97.6	110	80.0-122			12.3	20
1,2-Dichlorobenzene	5.00	5.15	5.90	103	118	79.0-121			13.6	20
1,2-Dichloroethane	5.00	5.47	6.15	109	123	70.0-128			11.7	20
1,2-Dichloropropane	5.00	5.16	5.93	103	119	77.0-125			13.9	20
1,4-Dichlorobenzene	5.00	4.79	5.54	95.8	111	79.0-120			14.5	20
2-Butanone (MEK)	25.0	27.8	34.4	111	138	44.0-160		J3	21.2	20
2-Hexanone	25.0	26.5	30.6	106	122	67.0-149			14.4	20
4-Methyl-2-pentanone (MIBK)	25.0	28.9	33.4	116	134	68.0-142			14.4	20
Acetone	25.0	29.8	36.8	119	147	19.0-160			21.0	27
Acrylonitrile	25.0	28.1	30.3	112	121	55.0-149			7.53	20
Benzene	5.00	4.78	5.48	95.6	110	70.0-123			13.6	20
Bromochloromethane	5.00	5.16	5.63	103	113	76.0-122			8.71	20
Bromodichloromethane	5.00	5.00	5.77	100	115	75.0-120			14.3	20
Bromoform	5.00	4.69	5.14	93.8	103	68.0-132			9.16	20
Bromomethane	5.00	5.00	5.78	100	116	10.0-160			14.5	25

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3985695-1 10/09/23 22:05 • (LCSD) R3985695-2 10/09/23 22:24

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Carbon disulfide	5.00	3.77	4.44	75.4	88.8	61.0-128			16.3	20
Carbon tetrachloride	5.00	5.13	6.04	103	121	68.0-126			16.3	20
Chlorobenzene	5.00	4.71	5.57	94.2	111	80.0-121			16.7	20
Chloroethane	5.00	4.76	4.96	95.2	99.2	47.0-150			4.12	20
Chloroform	5.00	4.98	5.67	99.6	113	73.0-120			13.0	20
Chloromethane	5.00	5.59	6.52	112	130	41.0-142			15.4	20
Dibromochloromethane	5.00	4.80	5.73	96.0	115	77.0-125			17.7	20
Dibromomethane	5.00	4.94	5.62	98.8	112	80.0-120			12.9	20
Ethylbenzene	5.00	4.86	5.61	97.2	112	79.0-123			14.3	20
Iodomethane	25.0	24.4	28.0	97.6	112	33.0-147			13.7	26
Methylene Chloride	5.00	4.34	4.72	86.8	94.4	67.0-120			8.39	20
Styrene	5.00	4.61	5.20	92.2	104	73.0-130			12.0	20
Tetrachloroethene	5.00	4.37	4.94	87.4	98.8	72.0-132			12.2	20
Toluene	5.00	4.45	5.11	89.0	102	79.0-120			13.8	20
Trichloroethene	5.00	4.54	5.33	90.8	107	78.0-124			16.0	20
Trichlorofluoromethane	5.00	5.40	6.13	108	123	59.0-147			12.7	20
Vinyl acetate	25.0	24.8	29.4	99.2	118	11.0-160			17.0	20
Vinyl chloride	5.00	5.02	5.88	100	118	67.0-131			15.8	20
Xylenes, Total	15.0	15.1	17.4	101	116	79.0-123			14.2	20
cis-1,2-Dichloroethene	5.00	4.62	5.37	92.4	107	73.0-120			15.0	20
cis-1,3-Dichloropropene	5.00	4.88	5.44	97.6	109	80.0-123			10.9	20
trans-1,2-Dichloroethene	5.00	4.57	5.22	91.4	104	73.0-120			13.3	20
trans-1,3-Dichloropropene	5.00	4.98	5.66	99.6	113	78.0-124			12.8	20
trans-1,4-Dichloro-2-butene	5.00	5.82	6.58	116	132	33.0-144			12.3	20
(S) 1,2-Dichloroethane-d4				*115*	*115*	*70.0-130*				
(S) 4-Bromofluorobenzene				*110*	*108*	*77.0-126*				
(S) Toluene-d8				*98.1*	*97.2*	*80.0-120*				

Method Blank (MB)

(MB) R3984708-1 10/10/23 15:36

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
2,4,5-T	ND		0.843	2.00
2,4,5-Tp (Silvex)	ND		0.845	2.00
2,4-D	ND		0.744	2.00
(S) 2,4-Dichlorophenyl Acetic Acid	*55.8*			*14.0-158*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3984708-2 10/10/23 15:47 • (LCSD) R3984708-3 10/10/23 15:59

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
2,4,5-T	5.00	3.53	4.33	70.6	86.6	54.0-120	P	J3 P	20.4	20
2,4,5-Tp (Silvex)	5.00	2.68	3.39	53.6	67.8	50.0-125		J3	23.4	20
2,4-D	5.00	3.39	4.33	67.8	86.6	50.0-120		J3 P	24.4	20
(S) 2,4-Dichlorophenyl Acetic Acid				*52.2*	*67.8*	*14.0-158*				

Method Blank (MB)

(MB) R3984938-1 10/08/23 21:06

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
4,4-DDD	ND		0.0170	0.0500
4,4-DDE	ND		0.0154	0.0500
4,4-DDT	ND		0.0177	0.0500
Aldrin	ND		0.00813	0.0500
Alpha BHC	ND		0.0166	0.0500
Beta BHC	ND		0.0184	0.0500
Chlordane	ND		0.0198	0.500
Delta BHC	ND		0.0150	0.0500
Dieldrin	ND		0.00751	0.0500
Endosulfan I	ND		0.0160	0.0500
Endosulfan II	ND		0.0164	0.0500
Endosulfan sulfate	ND		0.0196	0.0500
Endrin	ND		0.0161	0.0500
Endrin aldehyde	ND		0.0142	0.0500
Gamma BHC	ND		0.0176	0.0500
Heptachlor	ND		0.0108	0.0500
Heptachlor epoxide	ND		0.0175	0.0500
Methoxychlor	ND		0.0193	0.0500
Toxaphene	ND		0.168	0.500
(S) Decachlorobiphenyl	*22.0*			*10.0-128*
(S) Tetrachloro-m-xylene	*73.5*			*10.0-127*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3984938-4 10/08/23 21:15 • (LCSD) R3984938-5 10/08/23 21:24

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
4,4-DDD	1.00	0.946	0.948	94.6	94.8	56.0-140			0.211	22
4,4-DDE	1.00	0.848	0.815	84.8	81.5	52.0-128			3.97	22
4,4-DDT	1.00	0.910	0.870	91.0	87.0	50.0-141			4.49	23
Aldrin	1.00	0.838	0.816	83.8	81.6	22.0-124			2.66	34
Alpha BHC	1.00	0.958	0.984	95.8	98.4	54.0-130			2.68	23
Beta BHC	1.00	0.987	1.01	98.7	101	53.0-136			2.30	20
Delta BHC	1.00	0.954	0.974	95.4	97.4	54.0-133			2.07	20
Dieldrin	1.00	0.913	0.924	91.3	92.4	59.0-133			1.20	20
Endosulfan I	1.00	0.906	0.920	90.6	92.0	57.0-131			1.53	20
Endosulfan II	1.00	0.914	0.938	91.4	93.8	58.0-133			2.59	20
Endosulfan sulfate	1.00	0.870	0.901	87.0	90.1	58.0-133			3.50	21
Endrin	1.00	0.964	0.975	96.4	97.5	57.0-134			1.13	21

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3984938-4 10/08/23 21:15 • (LCSD) R3984938-5 10/08/23 21:24

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Endrin aldehyde	1.00	0.898	0.933	89.8	93.3	53.0-129			3.82	20
Gamma BHC	1.00	0.957	0.978	95.7	97.8	55.0-129			2.17	20
Heptachlor	1.00	0.937	0.933	93.7	93.3	27.0-132			0.428	31
Heptachlor epoxide	1.00	0.917	0.931	91.7	93.1	57.0-130			1.52	20
Methoxychlor	1.00	0.949	0.953	94.9	95.3	54.0-155			0.421	24
(S) Decachlorobiphenyl				*61.3*	*29.4*	*10.0-128*				
(S) Tetrachloro-m-xylene				*77.9*	*76.1*	*10.0-127*				

Method Blank (MB)

(MB) R3984938-1 10/08/23 21:06

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
PCB 1016	ND		0.100	0.500
PCB 1221	ND		0.0730	0.500
PCB 1232	ND		0.0420	0.500
PCB 1242	ND		0.0470	0.500
PCB 1248	ND		0.0860	0.500
PCB 1254	ND		0.0470	0.500
PCB 1260	ND		0.120	0.500
(S) Decachlorobiphenyl	*26.0*			*10.0-128*
(S) Tetrachloro-m-xylene	*82.4*			*10.0-127*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3984938-2 10/08/23 21:32 • (LCSD) R3984938-3 10/08/23 21:41

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
PCB 1016	2.50	2.43	2.18	97.2	87.2	36.0-135			10.8	29
PCB 1260	2.50	2.27	1.90	90.8	76.0	42.0-131			17.7	25
(S) Decachlorobiphenyl				*67.6*	*55.6*	*10.0-128*				
(S) Tetrachloro-m-xylene				*87.6*	*77.8*	*10.0-127*				

Method Blank (MB)

(MB) R3986579-2 10/12/23 11:55

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
1,2,4,5-Tetrachlorobenzene	ND		2.41	10.0
1,2,4-Trichlorobenzene	ND		0.355	10.0
2,2-Oxybis(1-Chloropropane)	ND		0.445	10.0
2,3,4,6-Tetrachlorophenol	ND		2.00	10.0
2,4,5-Trichlorophenol	ND		0.236	10.0
2,4,6-Trichlorophenol	ND		0.297	10.0
2,4-Dichlorophenol	ND		0.284	10.0
2,4-Dimethylphenol	ND		0.624	10.0
2,4-Dinitrophenol	ND		3.25	10.0
2,4-Dinitrotoluene	ND		1.65	10.0
2,6-Dinitrotoluene	ND		0.279	10.0
2-Chloronaphthalene	ND		0.330	1.00
2-Chlorophenol	ND		0.283	10.0
2-Methylnaphthalene	ND		0.311	1.00
2-Methylphenol	ND		0.312	10.0
2-Nitroaniline	ND		1.90	10.0
2-Nitrophenol	ND		0.320	10.0
3&4-Methyl Phenol	ND		0.266	10.0
3,3-Dichlorobenzidine	ND		2.02	10.0
3-Nitroaniline	ND		0.308	10.0
4,6-Dinitro-2-methylphenol	ND		2.62	10.0
4-Bromophenyl-phenylether	ND		0.335	10.0
4-Chloro-3-methylphenol	ND		0.263	10.0
4-Chloroaniline	ND		0.382	10.0
4-Chlorophenyl-phenylether	ND		0.303	10.0
4-Nitroaniline	ND		0.349	10.0
4-Nitrophenol	ND		2.01	10.0
Acenaphthene	ND		0.316	1.00
Acenaphthylene	ND		0.309	1.00
Acetophenone	ND		2.71	10.0
Anthracene	ND		0.291	1.00
Benzo(A)Anthracene	ND		0.0975	1.00
Benzo(a)pyrene	ND		0.340	1.00
Benzo(b)fluoranthene	ND		0.0896	1.00
Benzo(g,h,i)perylene	ND		0.161	1.00
Benzo(k)fluoranthene	ND		0.355	1.00
Benzyl Alcohol	ND		0.393	10.0
Benzylbutyl phthalate	ND		0.275	3.00
Bis(2-Ethylhexyl)phthalate	ND		0.709	3.00
Bis(2-chlorethoxy)methane	ND		0.329	10.0

Method Blank (MB)

(MB) R3986579-2 10/12/23 11:55

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Bis(2-chloroethyl)ether	ND		1.62	10.0
Chrysene	ND		0.332	1.00
Di-n-butyl phthalate	ND		0.266	3.00
Di-n-octyl phthalate	ND		0.278	3.00
Dibenz(a,h)anthracene	ND		0.279	1.00
Dibenzofuran	ND		0.338	10.0
Diethyl phthalate	ND		0.282	3.00
Dimethyl phthalate	ND		0.283	3.00
Diphenylamine	ND		1.19	10.0
Fluoranthene	ND		0.310	1.00
Fluorene	ND		0.323	1.00
Hexachloro-1,3-butadiene	ND		0.329	10.0
Hexachlorobenzene	ND		0.341	1.00
Hexachlorocyclopentadiene	ND		2.33	10.0
Hexachloroethane	ND		0.365	10.0
Indeno(1,2,3-cd)pyrene	ND		0.279	1.00
Isophorone	ND		0.272	10.0
Naphthalene	ND		0.372	1.00
Nitrobenzene	ND		0.367	10.0
Pentachlorophenol	ND		0.313	10.0
Phenanthrene	ND		0.366	1.00
Phenol	ND		0.334	10.0
Pyrene	ND		0.330	1.00
n-Nitrosodi-n-propylamine	ND		0.403	10.0
n-Nitrosodimethylamine	ND		1.26	10.0
n-Nitrosodiphenylamine	ND		1.19	10.0
(S) Phenol-d5	*18.9*			*10.0-120*
(S) 2,4,6-Tribromophenol	*46.8*			*10.0-155*
(S) p-Terphenyl-d14	*64.9*			*10.0-128*
(S) Nitrobenzene-d5	*53.8*			*10.0-127*
(S) 2-Fluorobiphenyl	*55.1*			*10.0-130*
(S) 2-Fluorophenol	*28.1*			*10.0-120*

Method Blank (MB)

(MB) R3987287-2 10/13/23 19:21

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
1,3,5-Trinitrobenzene	ND		1.32	10.0
1,3-Dinitrobenzene	ND		0.359	10.0
1,4-Naphthoquinone	ND		5.56	50.0
1-Naphthylamine	ND		0.289	10.0
2,6-Dichlorophenol	ND		2.77	10.0
2-Acetylaminofluorene	ND		0.253	10.0
2-Naphthylamine	ND		0.195	10.0
3,3-Dimethylbenzidine	ND		3.39	10.0
3-Methylcholanthrene	ND		0.164	10.0
4-Aminobiphenyl	ND		0.461	10.0
5-Nitro-o-toluidine	ND		1.99	10.0
Chlorobenzilate	ND		1.33	50.0
Diallate	ND		0.524	10.0
Dimethoate	ND		1.44	50.0
Dimethylbenz (A) Anthracene	ND		1.71	10.0
Dinoseb	ND		17.9	50.0
Diphenylamine	ND		1.19	10.0
Disulfoton	ND		0.267	10.0
Ethyl methanesulfonate	ND		0.326	10.0
Ethyl parathion	ND		0.379	10.0
Famphur	ND		1.06	20.0
Hexachloropropene	ND		0.149	50.0
Isodrin	ND		0.293	10.0
Isosafrole	ND		0.409	10.0
Kepone	ND		1.88	20.0
Methapyrilene	ND		4.25	50.0
Methyl methanesulfonate	ND		0.647	50.0
Methyl parathion	ND		0.213	10.0
O,O,O-Triethyl Phosphorothioate	ND		0.537	10.0
P-(Dimethylamino) Azobenzene	ND		0.208	10.0
Pentachlorobenzene	ND		0.369	10.0
Pentachloronitrobenzene	ND		0.327	10.0
Phenacetin	ND		0.262	10.0
Phorate	ND		0.382	50.0
Pronamide	ND		0.265	10.0
Safrole	ND		0.259	10.0
Thionazin	ND		0.204	10.0
n-Nitrosodi-n-butylamine	ND		0.331	10.0
n-Nitrosodiethylamine	ND		0.497	10.0

Method Blank (MB)

(MB) R3987287-2 10/13/23 19:21

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
n-Nitrosomethylethylamine	ND		1.71	10.0
n-Nitrosopiperidine	ND		0.268	10.0
n-Nitrosopyrrolidine	ND		2.55	10.0
o-Toluidine	ND		0.362	10.0
p-Phenylenediamine	ND		387	6900

Laboratory Control Sample (LCS)

(LCS) R3986579-1 10/12/23 11:34

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
1,2,4,5-Tetrachlorobenzene	50.0	28.3	56.6	31.0-121	
1,2,4-Trichlorobenzene	50.0	21.7	43.4	24.0-120	
2,2-Oxybis(1-Chloropropane)	50.0	29.5	59.0	28.0-120	
2,3,4,6-Tetrachlorophenol	50.0	30.8	61.6	42.0-132	
2,4,5-Trichlorophenol	50.0	29.8	59.6	44.0-120	
2,4,6-Trichlorophenol	50.0	29.4	58.8	42.0-120	
2,4-Dichlorophenol	50.0	23.2	46.4	36.0-120	
2,4-Dimethylphenol	50.0	25.1	50.2	33.0-120	
2,4-Dinitrophenol	50.0	36.9	73.8	10.0-120	
2,4-Dinitrotoluene	50.0	34.0	68.0	49.0-124	
2,6-Dinitrotoluene	50.0	34.4	68.8	46.0-120	
2-Chloronaphthalene	50.0	29.3	58.6	37.0-120	
2-Chlorophenol	50.0	24.1	48.2	25.0-120	
2-Methylnaphthalene	50.0	25.1	50.2	33.0-120	
2-Methylphenol	50.0	21.9	43.8	28.0-120	
2-Nitroaniline	50.0	33.2	66.4	43.0-120	
2-Nitrophenol	50.0	30.7	61.4	31.0-120	
3&4-Methyl Phenol	50.0	22.3	44.6	31.0-120	
3,3-Dichlorobenzidine	100	65.4	65.4	44.0-120	
3-Nitroaniline	50.0	30.9	61.8	38.0-120	
4,6-Dinitro-2-methylphenol	50.0	38.5	77.0	38.0-138	
4-Bromophenyl-phenylether	50.0	35.0	70.0	45.0-120	
4-Chloro-3-methylphenol	50.0	23.4	46.8	40.0-120	
4-Chloroaniline	50.0	22.2	44.4	25.0-120	
4-Chlorophenyl-phenylether	50.0	32.1	64.2	44.0-120	
4-Nitroaniline	50.0	30.1	60.2	18.0-160	
4-Nitrophenol	50.0	10.3	20.6	10.0-120	
Acenaphthene	50.0	30.7	61.4	41.0-120	

Laboratory Control Sample (LCS)

(LCS) R3986579-1 10/12/23 11:34

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acenaphthylene	50.0	29.6	59.2	43.0-120	
Acetophenone	50.0	33.5	67.0	29.0-120	
Anthracene	50.0	32.7	65.4	45.0-120	
Benzo(A)Anthracene	50.0	35.0	70.0	47.0-120	
Benzo(a)pyrene	50.0	32.7	65.4	47.0-120	
Benzo(b)fluoranthene	50.0	34.3	68.6	46.0-120	
Benzo(g,h,i)perylene	50.0	29.2	58.4	48.0-121	
Benzo(k)fluoranthene	50.0	33.9	67.8	46.0-120	
Benzyl Alcohol	50.0	22.9	45.8	25.0-120	
Benzylbutyl phthalate	50.0	39.7	79.4	43.0-121	
Bis(2-Ethylhexyl)phthalate	50.0	35.9	71.8	43.0-122	
Bis(2-chlorethoxy)methane	50.0	28.5	57.0	33.0-120	
Bis(2-chloroethyl)ether	50.0	30.8	61.6	23.0-120	
Chrysene	50.0	33.6	67.2	48.0-120	
Di-n-butyl phthalate	50.0	40.6	81.2	49.0-121	
Di-n-octyl phthalate	50.0	35.7	71.4	42.0-125	
Dibenz(a,h)anthracene	50.0	31.8	63.6	47.0-120	
Dibenzofuran	50.0	29.6	59.2	44.0-120	
Diethyl phthalate	50.0	34.6	69.2	48.0-122	
Dimethyl phthalate	50.0	32.9	65.8	48.0-120	
Diphenylamine	50.0	31.4	62.8	35.0-120	
Fluoranthene	50.0	34.4	68.8	51.0-120	
Fluorene	50.0	31.6	63.2	47.0-120	
Hexachloro-1,3-butadiene	50.0	23.1	46.2	19.0-120	
Hexachlorobenzene	50.0	33.3	66.6	44.0-120	
Hexachlorocyclopentadiene	50.0	20.0	40.0	15.0-120	
Hexachloroethane	50.0	28.4	56.8	15.0-120	
Indeno(1,2,3-cd)pyrene	50.0	29.2	58.4	49.0-122	
Isophorone	50.0	27.8	55.6	36.0-120	
Naphthalene	50.0	24.9	49.8	27.0-120	
Nitrobenzene	50.0	27.8	55.6	27.0-120	
Pentachlorophenol	50.0	25.2	50.4	23.0-120	
Phenanthrene	50.0	33.4	66.8	46.0-120	
Phenol	50.0	12.0	24.0	10.0-120	
Pyrene	50.0	34.8	69.6	47.0-120	
n-Nitrosodi-n-propylamine	50.0	33.9	67.8	31.0-120	
n-Nitrosodimethylamine	50.0	18.0	36.0	10.0-120	
n-Nitrosodiphenylamine	50.0	31.4	62.8	47.0-120	
(S) Phenol-d5			*22.0*	*10.0-120*	
(S) 2,4,6-Tribromophenol			*61.5*	*10.0-155*	

Laboratory Control Sample (LCS)

(LCS) R3986579-1 10/12/23 11:34

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
(S) p-Terphenyl-d14			*66.9*	*10.0-128*	
(S) Nitrobenzene-d5			*51.8*	*10.0-127*	
(S) 2-Fluorobiphenyl			*54.6*	*10.0-130*	
(S) 2-Fluorophenol			*29.6*	*10.0-120*	

Laboratory Control Sample (LCS)

(LCS) R3987287-1 10/13/23 19:03

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
1,3,5-Trinitrobenzene	50.0	39.8	79.6	37.0-147	
1,3-Dinitrobenzene	50.0	33.0	66.0	34.0-120	
1,4-Naphthoquinone	50.0	5.87	11.7	50.0-150	J4
1-Naphthylamine	50.0	25.0	50.0	19.0-120	
2,6-Dichlorophenol	50.0	23.1	46.2	19.0-136	
2-Acetylaminofluorene	50.0	32.0	64.0	32.0-120	
2-Naphthylamine	50.0	18.5	37.0	10.0-120	
3,3-Dimethylbenzidine	50.0	3.15	6.30	13.0-120	J4
3-Methylcholanthrene	50.0	36.2	72.4	30.0-160	
4-Aminobiphenyl	50.0	27.3	54.6	20.0-120	
5-Nitro-o-toluidine	50.0	34.2	68.4	34.0-120	
Chlorobenzilate	50.0	40.9	81.8	29.0-128	
Diallate	50.0	33.2	66.4	30.0-120	
Dimethoate	50.0	28.6	57.2	11.0-134	
Dimethylbenz (A) Anthracene	50.0	30.8	61.6	14.0-124	
Dinoseb	50.0	34.5	69.0	39.0-120	
Diphenylamine	50.0	31.0	62.0	35.0-120	
Disulfoton	50.0	34.7	69.4	32.0-120	
Ethyl methanesulfonate	50.0	24.4	48.8	10.0-120	
Ethyl parathion	50.0	36.5	73.0	46.0-130	
Famphur	50.0	37.6	75.2	32.0-120	
Hexachloropropene	50.0	22.6	45.2	10.0-120	
Isodrin	50.0	28.9	57.8	22.0-157	
Isosafrole	50.0	28.4	56.8	25.0-133	
Kepone	50.0	17.8	35.6	10.0-120	
Methapyrilene	50.0	5.76	11.5	10.0-120	
Methyl methanesulfonate	50.0	20.7	41.4	10.0-120	
Methyl parathion	50.0	43.8	87.6	42.0-120	
O,O,O-Triethyl Phosphorothioate	50.0	27.0	54.0	11.0-135	

Laboratory Control Sample (LCS)

(LCS) R3987287-1 10/13/23 19:03

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
P-(Dimethylamino) Azobenzene	50.0	29.3	58.6	27.0-120	
Pentachlorobenzene	50.0	30.1	60.2	25.0-120	
Pentachloronitrobenzene	50.0	34.9	69.8	34.0-132	
Phenacetin	50.0	30.4	60.8	34.0-127	
Phorate	50.0	37.8	75.6	13.0-160	
Pronamide	50.0	37.9	75.8	38.0-130	
Safrole	50.0	26.5	53.0	21.0-120	
Thionazin	50.0	34.9	69.8	38.0-121	
n-Nitrosodi-n-butylamine	50.0	28.8	57.6	13.0-143	
n-Nitrosodiethylamine	50.0	23.1	46.2	10.0-120	
n-Nitrosomethylethylamine	50.0	19.7	39.4	10.0-120	
n-Nitrosopiperidine	50.0	23.3	46.6	10.0-160	
n-Nitrosopyrrolidine	50.0	23.7	47.4	10.0-124	
o-Toluidine	50.0	19.3	38.6	10.0-120	
p-Phenylenediamine	50.0	0.000	0.000	50.0-150	J4

L1663622-23 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1663622-23 10/12/23 13:22 • (MS) R3986579-3 10/12/23 13:44 • (MSD) R3986579-4 10/12/23 14:06

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
1,2,4,5-Tetrachlorobenzene	45.5	ND	21.2	24.7	46.6	51.9	1	19.0-122			15.3	32
1,2,4-Trichlorobenzene	45.5	ND	17.1	18.8	37.6	39.5	1	15.0-120			9.47	31
2,2-Oxybis(1-Chloropropane)	45.5	ND	24.2	26.4	53.2	55.5	1	18.0-120			8.70	34
2,3,4,6-Tetrachlorophenol	45.5	ND	ND	ND	46.6	58.2	1	17.0-142			26.6	34
2,4,5-Trichlorophenol	45.5	ND	18.6	25.6	40.9	53.8	1	33.0-120		J3	31.7	31
2,4,6-Trichlorophenol	45.5	ND	17.3	24.3	38.0	51.1	1	26.0-120		J3	33.7	31
2,4-Dichlorophenol	45.5	ND	13.2	18.7	29.0	39.3	1	19.0-120		J3	34.5	27
2,4-Dimethylphenol	45.5	ND	11.8	20.9	25.9	43.9	1	15.0-120		J3	55.7	28
2,4-Dinitrophenol	45.5	ND	ND	ND	56.0	68.1	1	10.0-120			23.8	40
2,4-Dinitrotoluene	45.5	ND	27.6	29.2	60.7	61.3	1	39.0-125			5.63	25
2,6-Dinitrotoluene	45.5	ND	27.9	29.4	61.3	61.8	1	36.0-120			5.24	27
2-Chloronaphthalene	45.5	ND	22.6	25.2	49.7	52.9	1	29.0-120			10.9	28
2-Chlorophenol	45.5	ND	15.0	20.3	33.0	42.6	1	18.0-120			30.0	34
2-Methylnaphthalene	45.5	ND	18.9	21.0	41.5	44.1	1	17.0-120			10.5	28
2-Methylphenol	45.5	ND	13.5	18.9	29.7	39.7	1	10.0-120		J3	33.3	30
2-Nitroaniline	45.5	ND	ND	ND	60.9	63.0	1	33.0-120			7.97	27
2-Nitrophenol	45.5	ND	18.4	24.2	40.4	50.8	1	20.0-120			27.2	30
3&4-Methyl Phenol	45.5	ND	14.1	19.2	31.0	40.3	1	10.0-120			30.6	36

L1663622-23 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1663622-23 10/12/23 13:22 • (MS) R3986579-3 10/12/23 13:44 • (MSD) R3986579-4 10/12/23 14:06

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
3,3-Dichlorobenzidine	91.0	ND	52.6	56.1	57.8	58.9	1	10.0-134			6.44	30
3-Nitroaniline	45.5	ND	ND	ND	54.7	59.2	1	20.0-120			12.4	27
4,6-Dinitro-2-methylphenol	45.5	ND	ND	ND	61.1	68.7	1	10.0-144			16.2	39
4-Bromophenyl-phenylether	45.5	ND	ND	ND	57.8	61.6	1	37.0-120			10.8	24
4-Chloro-3-methylphenol	45.5	ND	13.7	19.7	30.1	41.4	1	26.0-120		J3	35.9	27
4-Chloroaniline	45.5	ND	15.7	18.7	34.5	39.3	1	10.0-120			17.4	31
4-Chlorophenyl-phenylether	45.5	ND	24.2	26.6	53.2	55.9	1	36.0-120			9.45	23
4-Nitroaniline	45.5	ND	ND	ND	51.4	56.1	1	10.0-160			13.2	26
4-Nitrophenol	45.5	ND	ND	ND	17.3	17.6	1	10.0-120			6.04	40
Acenaphthene	45.5	ND	23.4	26.6	51.4	55.9	1	28.0-120			12.8	25
Acenaphthylene	45.5	ND	23.1	25.7	50.8	54.0	1	31.0-121			10.7	25
Acetophenone	45.5	ND	27.0	30.2	59.3	63.4	1	20.0-120			11.2	35
Anthracene	45.5	ND	26.2	27.6	57.6	58.0	1	36.0-120			5.20	23
Benzo(A)Anthracene	45.5	ND	24.8	28.4	54.5	59.7	1	39.0-120			13.5	23
Benzo(a)pyrene	45.5	ND	21.0	25.4	46.2	53.4	1	37.0-120			19.0	24
Benzo(b)fluoranthene	45.5	ND	22.2	26.4	48.8	55.5	1	37.0-120			17.3	23
Benzo(g,h,i)perylene	45.5	ND	17.6	21.7	38.7	45.6	1	37.0-123			20.9	25
Benzo(k)fluoranthene	45.5	ND	22.1	26.1	48.6	54.8	1	37.0-120			16.6	26
Benzyl Alcohol	45.5	ND	17.7	21.1	38.9	44.3	1	14.0-120			17.5	38
Benzylbutyl phthalate	45.5	ND	31.0	34.3	68.1	72.1	1	34.0-126			10.1	24
Bis(2-Ethylhexyl)phthalate	45.5	ND	21.7	26.5	47.7	55.7	1	33.0-126			19.9	25
Bis(2-chlorethoxy)methane	45.5	ND	23.3	25.6	51.2	53.8	1	17.0-120			9.41	31
Bis(2-chloroethyl)ether	45.5	ND	27.5	31.6	60.4	66.4	1	14.0-120			13.9	33
Chrysene	45.5	ND	23.9	27.3	52.5	57.4	1	38.0-120			13.3	23
Di-n-butyl phthalate	45.5	ND	32.2	33.5	70.8	70.4	1	35.0-128			3.96	23
Di-n-octyl phthalate	45.5	ND	21.2	26.0	46.6	54.6	1	25.0-135			20.3	26
Dibenz(a,h)anthracene	45.5	ND	ND	23.5	41.3	49.4	1	36.0-121			22.2	24
Dibenzofuran	45.5	ND	22.9	25.9	50.3	54.4	1	32.0-120			12.3	26
Diethyl phthalate	45.5	ND	29.3	30.1	64.4	63.2	1	39.0-125			2.69	24
Dimethyl phthalate	45.5	ND	26.1	28.4	57.4	59.7	1	37.0-120			8.44	24
Diphenylamine	45.5	ND	26.0	26.6	57.1	55.9	1	35.0-120			2.28	30
Fluoranthene	45.5	ND	27.5	28.5	60.4	59.9	1	41.0-121			3.57	22
Fluorene	45.5	ND	23.4	26.1	51.4	54.8	1	37.0-120			10.9	24
Hexachloro-1,3-butadiene	45.5	ND	17.3	19.6	38.0	41.2	1	12.0-120			12.5	34
Hexachlorobenzene	45.5	ND	25.3	28.1	55.6	59.0	1	35.0-122			10.5	24
Hexachlorocyclopentadiene	45.5	ND	ND	ND	24.2	37.0	1	10.0-120		J3	46.2	33
Hexachloroethane	45.5	ND	22.0	24.2	48.4	50.8	1	10.0-120			9.52	40
Indeno(1,2,3-cd)pyrene	45.5	ND	17.2	21.5	37.8	45.2	1	38.0-125	J6		22.2	24
Isophorone	45.5	ND	21.8	24.4	47.9	51.3	1	21.0-120			11.3	27
Naphthalene	45.5	ND	19.2	21.2	42.2	44.5	1	10.0-120			9.90	31

L1663622-23 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1663622-23 10/12/23 13:22 • (MS) R3986579-3 10/12/23 13:44 • (MSD) R3986579-4 10/12/23 14:06

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Nitrobenzene	45.5	ND	22.6	24.1	49.7	50.6	1	12.0-120			6.42	30
Pentachlorophenol	45.5	ND	ND	ND	42.4	47.7	1	10.0-128			16.2	37
Phenanthrene	45.5	ND	26.1	27.8	57.4	58.4	1	33.0-120			6.31	22
Phenol	45.5	ND	11.4	10.6	25.1	22.3	1	10.0-120			7.27	40
Pyrene	45.5	ND	28.0	30.1	61.5	63.2	1	39.0-120			7.23	22
n-Nitrosodi-n-propylamine	45.5	ND	26.7	30.6	58.7	64.3	1	16.0-120			13.6	30
n-Nitrosodimethylamine	45.5	ND	16.2	17.5	35.6	36.8	1	10.0-120			7.72	40
n-Nitrosodiphenylamine	45.5	ND	26.0	26.6	57.1	55.9	1	37.0-120			2.28	24
(S) Phenol-d5					*18.6*	*20.0*		*10.0-120*				
(S) 2,4,6-Tribromophenol					*43.7*	*53.2*		*10.0-155*				
(S) p-Terphenyl-d14					*50.8*	*56.9*		*10.0-128*				
(S) Nitrobenzene-d5					*45.8*	*46.5*		*10.0-127*				
(S) 2-Fluorobiphenyl					*47.3*	*48.6*		*10.0-130*				
(S) 2-Fluorophenol					*23.3*	*27.2*		*10.0-120*				

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
P	RPD between the primary and confirmatory analysis exceeded 40%.
Q	Sample was prepared and/or analyzed past holding time as defined in the method. Concentrations should be considered minimum values.
V	The sample concentration is too high to evaluate accurate spike recoveries.

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address:
Eco-Vista (Tontitown)LF

88 Joyce Lane
Russellville, AR 72801

Billing Information:
jreyno10@wm.com
P.O. Box 4745
WM A/P DEPARTMENT
Portland, OR 97208-4745

Pres Chk

Report to: **Jodi Reynolds**

Email To: **ciara.childers.beavers@jettenviro.com;jeffholm**

Project Description: **Eco-Vista LF-GW-Apr & Oct**

City/State Collected:

Please Circle: PT MT CT ET

Phone: **501-993-8966**

Client Project # **200**

Lab Project # **WMECOVISAR-00020**

Collected by (print): Chris Fischer

Site/Facility ID # **AR03**

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed

Quote #

Analysis / Container / Preservative

Chain of Custody Page 1 of 4

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN
12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1663702

E051

Acctnum: WMECOVISAR

Template: T238606

Prelogin: P1026525

PM: 616 - Stacy Kennedy

PB: 9/26

Shipped Via: FedEX Ground

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	8081/8082 100ml Amb-NoPres	8270AP9 100ml Amb NoPres	CHLORIDE 125mlHDPE-NoPres	CHLORIDE,SULFATE 125mlHDPE-NoPres	CN 250mlHDPEAmb-NaOH	Metals 250mlHDPE-HNO3	NH3 250mlHDPE-H2SO4	SULFIDE 250mlAmb-S-NaOH+ZnAc	SV8151 1L-Amb-No Pres	TDS 1L-HDPE NoPres	Remarks	Sample # (lab only)
~~LCS-9~~		GW				2			X				X					
~~LCS-10~~		GW				2			X				X					
~~LCS-11~~		GW				2			X				X					
~~LCS-12~~		GW				2			X				X					
DUP	Grab	GW	77.77	10.3.23	0700	8				X		X	X			X		-01
DUP2		GW	77.77	10.4.23	0700	8				X		X	X			X		-02
LGW-2		GW	73.95	10.4.23	1125	3			X				X					-03
LGW-3R		GW	58.90	10.4.23	1050	2			X				X					-04
LGW-4		GW	61.15	10.4.23	1015	3			X				X					-05
LGW-5		GW	72.00	10.5.23	1000	16	X	X		X	X	X	X	X	X	X		-06

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH ____ Temp ____

Flow ____ Other ____

Samples returned via: __ UPS __ FedEx __ Courier ____

Tracking #

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y N
COC Signed/Accurate:		Y N
Bottles arrive intact:		Y N
Correct bottles used:		Y N
Sufficient volume sent:		Y N
If Applicable		
VOA Zero Headspace:		Y N
Preservation Correct/Checked:		Y N
RAD Screen <0.5 mR/hr:		Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
	10.5.23	1200		2	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 0.1 °C Bottles Received: 0.1	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) Hana Milvenna	Date: 10.6	Time: 0900

Condition: NCF / OK

PH-10BDH4321 TRC-2352362
CR6-20221V
PH-10BDH4321 TRC-2352362
CR6-20221V

Company Name/Address:
Eco-Vista (Tontitown)LF

88 Joyce Lane
Russellville, AR 72801

Billing Information:
jreyno10@wm.com
P.O. Box 4745
WM A/P DEPARTMENT
Portland, OR 97208-4745

Pres Chk

Report to: **Jodi Reynolds**

Email To: ciara.childers.beavers@jettenviro.com;jeffholm

Project Description: **Eco-Vista LF-GW-Apr & Oct**

City/State Collected:

Please Circle: PT MT CT ET

Phone: **501-993-8966**

Client Project # **200**

Lab Project # **WMECOVISAR-00013**

Collected by (print): Andy Finley

Site/Facility ID # **AR03**

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	TOC 250mlAmb-HCl	TOC 250mlHDPE-HCl	V8260LL 40mlAmb-HCl	V8260LLAP9 40mlAmb-HCl	V8260LLAP9 40mlAmb-HCl-Blk	Remarks	Sample # (lab only)
LGW-6		GW				16	X			X			
LGW-7		GW				4	X						
LGW-8R		GW				4	X						
LGW-9		GW				16	X			X			
LGW-10		GW				16	X			X			
LGW-14R		GW				2							
MW-7N	Grab	GW	88.7	10.4.23	1645	3	X						-07
MW-15	↓	GW	58.85	10.4.23	1225	2							-08
MW-16		GW	75.45	10.4.23	1300	2							-09
MW-17		GW	60.50	10.3.23	1740	2							-10

Chain of Custody Page 2 of 4

Pace
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MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1663702

Table #

Acctnum: **WMECOVISAR**
Template: **T238606**
Prelogin: **P1026525**
PM: **616 - Stacy Kennedy**
PB: 9/26/23 TJS
Shipped Via: **FedEX Ground**

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP Y __N
COC Signed/Accurate: Y __N
Bottles arrive intact: Y __N
Correct bottles used: Y __N
Sufficient volume sent: Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: Y __N
RAD Screen <0.5 mR/hr: Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	
	10.5.23	1200			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: 0.1+0=0.1	If preservation required by Login: Date/Time
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) Hana Mitchum	Date: 10.6 Time: 0900	Hold: / Condition: NCF / OK

Company Name/Address:
Eco-Vista (Tontitown)LF

88 Joyce Lane
Russellville, AR 72801

Billing Information:
jreyno10@wm.com
P.O. Box 4745
WM A/P DEPARTMENT
Portland, OR 97208-4745

Pres Chk

Report to: **Jodi Reynolds**

Email To: **ciara.childers.beavers@jettenviro.com;jeffholm**

Project Description: **Eco-Vista LF-GW-Apr & Oct**

City/State Collected:

Please Circle: PT MT CT ET

Phone: **501-993-8966**

Client Project # **200**

Lab Project # **WMECOVISAR-00020**

Collected by (print): **Chris Fincher**

Site/Facility ID # **AR03**

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y **X**

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Analysis / Container / Preservative

Chain of Custody Page 3 of 4

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN
12065 Lebanon Rd Mount Juliet, TN 37122
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SDG # L1603702

Table #

Acctnum: **WMECOVISAR**
Template: **T238606**
Prelogin: **P1026525**
PM: **616 - Stacy Kennedy**
PB: **9/20/23 TJ**

Shipped Via: **FedEX Ground**

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	TOC 250mlAmb-HCl	TOC 250mlHDPE-HCl	V8260LL 40mlAmb-HCl	V8260LLAP9 40mlAmb-HCl	V8260LLAP9 40mlAmb-HCl-Blk	Remarks	Sample # (lab only)
MW-19	Grab	GW	68.55	10.4.23	1500	2							-11
NE-1		GW	49.95	10.5.23	0900	7		X	X				-12
NE-2		GW	21.75	10.4.23	0825	7		X	X				-13
NE-4		GW	65.00	10.4.23	1345	7		X	X				-14
NE-5		GW	72.20	10.4.23	1845	7		X	X				-15
NE-5E		GW	69.25	10.4.23	1815	7		X	X				-16
NE-5W		GW	73.55	10.4.23	1920	7		X	X				-17
NE-6D		GW	34.20	10.4.23	1735	7		X	X				-18
NE-10D		GW	101.9	10.3.23	1900	7		X	X				-19
NE-14D		GW	17.90	10.4.23	1555	7		X	X				-20

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other _____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: Y __N
Bottles arrive intact: Y __N
Correct bottles used: Y __N
Sufficient volume sent: Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: Y __N
RAD Screen <0.5 mR/hr: Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
	10.5.23	1200		2
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:
				0.1 to 0.1
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:
			Hanna Mwechima	10.6 0900

If preservation required by Login: Date/Time

Hold: Condition: NCF / OK

Company Name/Address:
Eco-Vista (Tontitown)LF

88 Joyce Lane
Russellville, AR 72801

Billing Information:
jreyno10@wm.com
P.O. Box 4745
WM A/P DEPARTMENT
Portland, OR 97208-4745

Pres Chk

Report to: **Jodi Reynolds**

Email To: **ciara.childers.beavers@jettenviro.com;jeffholm**

Project Description: **Eco-Vista LF-GW-Apr & Oct**

City/State Collected:

Please Circle: PT MT CT ET

Phone: **501-993-8966**

Client Project # **200**

Lab Project # **WMECOVISAR-00020**

Collected by (print): Chris Fineler

Site/Facility ID # **AR03**

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Analysis / Container / Preservative

Chain of Custody Page 4 of 4

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN
12065 Lebanon Rd Mount Juliet, TN 37122
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SDG # L1663702

Table #

Acctnum: **WMECOVISAR**
Template: **T238606**
Prelogin: **P1026525**
PM: **616 - Stacy Kennedy**
PB: 6/26/23 TJS

Shipped Via: **FedEX Ground**

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	TOC 250mlAmb-HCl	TOC 250mlHDPE-HCl	V8260LL 40mlAmb-HCl	V8260LLAP9 40mlAmb-HCl	V8260LLAP9 40mlAmb-HCl-Blk	Remarks	Sample # (lab only)
NE-14S	Grab	GW	19.75	10.4.23	0740	7		X	X				-21
~~NE-15D~~		GW				7		X	X				
~~NE-15S~~		GW				7		X	X				
~~MW-3N~~		GW				7	X		X				
~~MW-8N~~		GW				15	X			X			
~~MW-21~~		GW				7	X		X				
~~NE-9~~		GW				7	X		X				
FB	Grab	GW	N/A	10.3.23	1730	8		X	X				-22
TRIP BLANK		GW				3					X		-23
		GW				7		X	X				

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other ____

Remarks:

pH ____ Temp ____

Flow ____ Other ____

Samples returned via:
__ UPS __ FedEx __ Courier ____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N
RAD Screen <0.5 mR/hr: Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
	10.5.23	1200		2	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:	
				0.1 to -0.1	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:	Hold: / Condition: NCF / OK
			Tina Minchina	10-6 0900	

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: EVLF

Site No.: | | | | | Sample Point: LCW-2 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
10 04 23	11:00				

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: [X] Y or N

Filter Device: Y or [X] N   0.45 µ or ____ µ (circle or fill in)

Purging Device: C   A- Submersible Pump   B-Peristaltic Pump   C-QED Bladder Pump   D-Bailer   E-Piston Pump   F-Dipper/Bottle

Sampling Device: C

X-Other:

Filter Type: ____   A-In-line Disposable   B-Pressure   C-Vacuum   X-Other

Sample Tube Type: D   A-Teflon   B-Stainless Steel   C-PVC   D-Polypropylene   X-Other:

WELL DATA

Well Elevation (at TOC): ____ (ft/msl)   Depth to Water (DTW) (from TOC): 72.78 (ft)   Groundwater Elevation (site datum, from TOC): ____ (ft/msl)

Total Well Depth (from TOC): ____ (ft)   Stick Up (from ground elevation): ____ (ft)   Casing ID: 2 (in)   Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit		pH (std)		Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
11:05	200	1st	6.10	1st	216	20.4	6.9	6.7	169.5	73.35
11:10	200	2nd	6.57	2nd	603	20.1	3.5	7.0	161.2	73.55
11:15	200	3rd	6.71	3rd	699	19.4	3.1	7.1	157.3	73.75
11:20	200	4th	6.72	4th	703	19.2	3.2	7.0	158.1	73.85
11:25	200		6.73		708	19.2	3.1	7.0	159.0	73.95
:										
:										
:										
:										
:										
Suggested range for 3 consec. readings or note Permit/State requirements:			+/- 0.2		+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
10 04 23	6.73	708	19.2	3.1	7.0	159.0	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: Clear   Odor: None   Color: Clear   Other:

Weather Conditions (required daily, or as conditions change): Rain   Direction/Speed: ____   Outlook: Stormy   Precipitation: [X] Y or N

Specific Comments (including purge/well volume calculations if required):

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
10, 4, 23		[signature]	[signature]
/ /			

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client

ORIGINAL COPY

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: EVLF

Site No.: ____ Sample Point: LGW-3R (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: ____

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
10 04 23	10:25	:	.	.	.

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment … Dedicated: [X] or [N]

Purging Device [C]

Sampling Device [C]

A- Submersible Pump; B-Peristaltic Pump; C-QED Bladder Pump; D-Bailer; E-Piston Pump; F-Dipper/Bottle

X-Other: ____

Filter Device: [Y] or [X] [0.45 µ] or [ ] µ (circle or fill in)

Filter Type: [ ] A-In-line Disposable; B-Pressure; C-Vacuum; X-Other ____

Sample Tube Type: [D] A-Teflon; B-Stainless Steel; C-PVC; D-Polypropylene; X-Other: ____

WELL DATA

Well Elevation (at TOC): ____ (ft/msl)

Depth to Water (DTW) (from TOC): 56.68 (ft)

Groundwater Elevation (site datum, from TOC): ____ (ft/msl)

Total Well Depth (from TOC): ____ (ft)

Stick Up (from ground elevation): ____ (ft)

Casing ID: 2 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
10:30	200 1st	5.90 1st	297 1st	17.9	4.1	5.8	141.1	56.9
10:35	200 2nd	5.18 2nd	124 2nd	17.1	3.8	5.8	170.1	56.9
10:40	200 3rd	5.11 3rd	117 3rd	17.1	3.9	5.5	183.6	56.9
10:45	200 4th	5.09 4th	114 4th	17.2	3.8	5.5	192.3	56.9
10:50	200	5.09	115	17.2	3.9	5.5	194.4	56.9
:								
:								
:								
:								
:								
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
10 04 23	5.09	115	17.2	3.9	5.5	194.4	.

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

Sample Appearance: Clear Odor: none Color: Clear Other: ____

Weather Conditions (required daily, or as conditions change): Direction/Speed: ____ Outlook: ____ Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): ____

FIELD COMMENTS

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
10, 4, 23	____	[signature]	Prony

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client

ORIGINAL COPY

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: EVLF

Site No.: ____ Sample Point: LGW-4 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: ____

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
10 04 23	0945				

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment … Dedicated: [X] or [N]

Purging Device: C — Sampling Device: C

A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

X-Other: ____

Filter Device: Y or [X] — 0.45 µ or ____ µ (circle or fill in)

Filter Type: ____ (A-In-line Disposable, B-Pressure, C-Vacuum, X-Other ____)

Sample Tube Type: D (A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: ____)

WELL DATA

Well Elevation (at TOC) (ft/msl)	Depth to Water (DTW) (from TOC) (ft)	Groundwater Elevation (site datum, from TOC) (ft/msl)
	60.95	

Total Well Depth (from TOC) (ft)	Stick Up (from ground elevation) (ft)	Casing ID (in)	Casing Material
		2	PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
0950	200 1st	6.81 1st	916	17.8	4.0	7.4	162.8	61.15
0955	200 2nd	6.55 2nd	929	17.6	3.6	5.3	165.1	61.15
1001	200 3rd	6.49 3rd	929	17.5	4.3	3.5	164.4	61.15
1005	200 4th	6.48 4th	927	17.5	4.5	2.1	163.4	61.15
1010	200	6.48	926	17.5	4.1	1.9	162.6	61.15
1015	200	6.47	924	17.4	4.1	1.8	162.0	61.15
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	–	–	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
10 04 23	6.47	924	17.4	4.1	1.8	162.0	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

Sample Appearance: clear Odor: none Color: clear Other: ____

Weather Conditions (required daily, or as conditions change): Direction/Speed: ____ Outlook: ____ Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): ____

FIELD COMMENTS

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
10/4/23	[illegible]	[illegible]	Prony

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client

ORIGINAL COPY

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: EVLF

Site No.: ____ Sample Point: LGW-5 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: ____

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
10 05 23	0930	:			

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment … Dedicated: [X] or [N]

Filter Device: [Y] or [X] [0.45 µ] or [ ] µ (circle or fill in)

Purging Device [C]
Sampling Device [C]
A- Submersible Pump B-Peristaltic Pump C-QED Bladder Pump D-Bailer E-Piston Pump F-Dipper/Bottle

Filter Type: [ ]
A-In-line Disposable B-Pressure C-Vacuum X-Other ____

X-Other: ____

Sample Tube Type: [O]
A-Teflon B-Stainless Steel C-PVC D-Polypropylene X-Other: ____

WELL DATA

Well Elevation (at TOC) (ft/msl)	Depth to Water (DTW) (from TOC) (ft)	Groundwater Elevation (site datum, from TOC) (ft/msl)
	71.98	

Total Well Depth (from TOC) (ft)	Stick Up (from ground elevation) (ft)	Casing ID (in)	Casing Material
		2	PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
0925	200 1st	6.71 1st	1886	19.4	27	6.0	526	72.0
0940	200 2nd	6.31 2nd	1029	18.3	25	3.1	-951	72.0
0945	200 3rd	6.30 3rd	1040	18.1	3.8	2.1	-991	72.0
0950	200 4th	6.31 4th	1047	18.1	1.9	1.3	-1084	72.0
0955	200	6.32	1049	18.1	1.6	1.1	-1101	72.0
1000	200	6.32	1049	18.2	8.0	1.0	-1121	72.0
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
10 05 23	6.32	1049	18.2	8.0	1.0	-1121	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: Clear Odor: none Color: Clear Other: ____

Weather Conditions (required daily, or as conditions change): Direction/Speed: ____ Outlook: ____ Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): ____

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
10/5/23			Prony

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client

ORIGINAL COPY

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: EVLF

Site No.:

Sample Point: MW-7N (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
10 4 23	1605				

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment … Dedicated: [X] or [N]

Filter Device: [Y] or [X] [0.45 µ] or [ ] µ (circle or fill in)

Purging Device [C] — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device [C]

Filter Type: [ ] — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

X-Other:

Sample Tube Type: [D] — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC) (ft/msl)	Depth to Water (DTW) (from TOC) (ft)	Groundwater Elevation (site datum, from TOC) (ft/msl)
	87.91	

Total Well Depth (from TOC) (ft)	Stick Up (from ground elevation) (ft)	Casing ID (in)	Casing Material
		2	PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1610	200 1st	6.83 1st	727	18.0	8.1	1.7	121.8	88.1
1615	200 2nd	7.20 2nd	683	17.4	3.5	8.3	120.2	88.1
1620	200 3rd	6.81 3rd	685	17.1	3.1	6.9	132.7	88.1
1625	200 4th	6.70 4th	688	17.0	2.3	5.0	136.2	88.1
1630	200	6.67	690	16.9	2.4	4.8	137.3	88.7
1635	200	6.67	690	16.9	2.4	4.0	138.3	88.7
1640	200	6.67	690	17.0	2.6	3.9	139.1	88.7
1645	200	6.67	690	16.9	2.3	3.8	139.9	88.7
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	–	–	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: / Units
10 04 23	6.67	690	16.9	2.3	3.8		

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: Clear Odor: none Color: Clear Other:

Weather Conditions (required daily, or as conditions change): Direction/Speed: Outlook: Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required):

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
10/4/23			Adams

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client

ORIGINAL COPY

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: EVLF

Site No.: ____ Sample Point: MW-15 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: ____

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
10 04 23	1260				

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment … Dedicated: [Y] or [N]

Purging Device: C — Sampling Device: C — X-Other:

A- Submersible Pump; B-Peristaltic Pump; C-QED Bladder Pump; D-Bailer; E-Piston Pump; F-Dipper/Bottle

Filter Device: Y or [X] 0.45 µ or ____ µ (circle or fill in)

Filter Type: ____ (A-In-line Disposable; B-Pressure; C-Vacuum; X-Other ____)

Sample Tube Type: D (A-Teflon; B-Stainless Steel; C-PVC; D-Polypropylene; X-Other: ____)

WELL DATA

Well Elevation (at TOC): ____ (ft/msl)

Depth to Water (DTW) (from TOC): 58.80 (ft)

Groundwater Elevation (site datum, from TOC): ____ (ft/msl)

Total Well Depth (from TOC): ____ (ft)

Stick Up (from ground elevation): ____ (ft)

Casing ID: 2 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit		pH (std)		Conductance (SC/EC) (µmhos/cm @ 25 °C)		Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1205	200	1st	6.47	1st	692		16.5	23	6.5	149.5	58.85
1210	200	2nd	6.44	2nd	696		16.4	21	5.8	150.5	58.85
1215	200	3rd	6.43	3rd	699		16.4	21	5.6	150.9	58.85
1220	200	4th	6.42	4th	701		16.4	20	5.6	151.4	58.85
1225	200		6.42		702		16.4	20	5.6	151.8	58.85
Suggested range for 3 consec. readings or note Permit/State requirements:			+/- 0.2		+/- 3%		--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
10 04 23	6.42	702	16.4	20	5.6	151.8	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: Clear Odor: none Color: Clear Other: ____

Weather Conditions (required daily, or as conditions change): Direction/Speed: ____ Outlook: ____ Precipitation: [X] or N

Specific Comments (including purge/well volume calculations if required): ____

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
10/4/23			Prony

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client

ORIGINAL COPY

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: EVLF

Site No.:

Sample Point: MW-16 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
10 04 23	12:35				

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment … Dedicated: Y (marked) or N

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other:

Filter Device: Y or N (marked) — 0.45 μ or ___ μ (circle or fill in)

Filter Type: — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: D — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): (ft/msl)

Depth to Water (DTW) (from TOC): 73.84 (ft)

Groundwater Elevation (site datum, from TOC): (ft/msl)

Total Well Depth (from TOC): (ft)

Stick Up (from ground elevation): (ft)

Casing ID: 2 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
12:40	200	1st 6.53	1st 687	18.0	3.6	5.6	139.7	74.35
12:45	200	2nd 7.02	2nd 503	17.9	2.1	7.5	129.9	74.85
12:50	200	3rd 7.15	3rd 453	17.3	2.1	6.8	130.0	75.15
12:55	200	4th 7.18	4th 450	17.3	2.0	6.7	130.2	75.35
13:00	200	7.20	449	17.2	2.0	6.7	129.2	75.45
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
10 04 23	7.20	449	17.2	2.0	6.7	129.2	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: Clear　Odor: None　Color: Clear　Other:

Weather Conditions (required daily, or as conditions change):　Direction/Speed:　Outlook:　Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required):

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
10/4/23		[signature]	Pramus
/ /			

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client

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FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: EVLF

Site No.:

Sample Point: MW-17 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
100323	1700				

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: Y or ~~N~~ (N marked)

Purging Device: A
Sampling Device: A
X-Other:

A- Submersible Pump; B-Peristaltic Pump; C-QED Bladder Pump; D-Bailer; E-Piston Pump; F-Dipper/Bottle

Filter Device: Y or N (N marked) 0.45 µ or ____ µ (circle or fill in)

Filter Type:
A-In-line Disposable; B-Pressure; C-Vacuum; X-Other

Sample Tube Type: D
A-Teflon; B-Stainless Steel; C-PVC; D-Polypropylene; X-Other:

WELL DATA

Well Elevation (at TOC): (ft/msl)
Depth to Water (DTW) (from TOC): 60.40 (ft)
Groundwater Elevation (site datum, from TOC): (ft/msl)
Total Well Depth (from TOC): (ft)
Stick Up (from ground elevation): (ft)
Casing ID: (in)
Casing Material:

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
17:05	275	1st 7.02	1st 401	19.3	245.7	5.9	38.2	60.5
17:10	300	2nd 6.79	2nd 349	18.9	144.2	6.8	45.3	60.5
17:15	300	3rd 6.68	3rd 328	18.6	101.1	7.4	44.5	60.5
17:20	300	4th 6.64	4th 324	18.5	56.1	7.5	46.6	60.5
17:25	300	6.61	322	18.5	54.2	7.6	47.6	60.5
17:30	300	6.58	318	18.4	44.0	7.7	50.7	60.5
17:35	300	6.57	316	18.4	31.4	7.7	54.0	60.5
17:40	300	6.56	315	18.3	18.5	7.7	53.6	60.5
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
100323	6.56	315	18.3	18.5	7.7	53.6	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: Clear Odor: none Color: Clear Other:

Weather Conditions (required daily, or as conditions change): Direction/Speed: SE @ 5-10 Outlook: cloudy 80s Precipitation: Y or N (N marked)

Specific Comments (including purge/well volume calculations if required):

FB @ 1730

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
10/3/23	Chris Fowler	[signature]	Promus
/ /			

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client

ORIGINAL COPY

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: EVLF

Site No.: ____ Sample Point: MW-19 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: ____

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
10/04/23	14:30				

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment … Dedicated: [X] or [N]

Purging Device [C]

Sampling Device [C]

X-Other: ____

A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Filter Device: [Y] or [X] [0.45 µ] or [____] µ (circle or fill in)

Filter Type: ____

A-In-line Disposable, B-Pressure, C-Vacuum, X-Other ____

Sample Tube Type: [D]

A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: ____

WELL DATA

Well Elevation (at TOC): ____ (ft/msl)

Depth to Water (DTW) (from TOC): 68.15 (ft)

Groundwater Elevation (site datum, from TOC): ____ (ft/msl)

Total Well Depth (from TOC): ____ (ft)

Stick Up (from ground elevation): ____ (ft)

Casing ID: 2 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
14:35	200 1st	6.88 1st	418 1st	19.1	26	6.9	134.0	68.45
14:40	200 2nd	6.92 2nd	417 2nd	18.9	23	6.9	134.0	68.55
14:45	200 3rd	7.07 3rd	468 3rd	18.9	19	7.5	133.4	68.55
14:50	200 4th	7.09 4th	496 4th	18.9	26	7.8	133.8	68.55
14:55	200	7.08	505	18.8	20	7.9	134.9	68.55
15:00	200	7.07	513	18.8	21	7.9	135.6	68.55
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
10/04/23	7.07	513	18.8	21	7.9	135.6	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: Clear Odor: None Color: Clear Other: ____

Weather Conditions (required daily, or as conditions change): Direction/Speed: ____ Outlook: ____ Precipitation: Y or X

Specific Comments (including purge/well volume calculations if required): ____

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
10/4/23			

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client

ORIGINAL COPY

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: EVLF

Site No.: ____ Sample Point: ME-1 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: ____

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
10 05 23	08:30	:			

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment … Dedicated: [X] or [N]

Filter Device: [Y] or [X] [0.45 µ] or [ ] µ (circle or fill in)

Purging Device [C]
Sampling Device [C]
A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Filter Type: [ ] A-In-line Disposable, B-Pressure, C-Vacuum, X-Other ____

X-Other: ____

Sample Tube Type: [D] A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: ____

WELL DATA

Well Elevation (at TOC) (ft/msl)	Depth to Water (DTW) (from TOC) (ft)	Groundwater Elevation (site datum, from TOC) (ft/msl)
	46.41	

Total Well Depth (from TOC) (ft)	Stick Up (from ground elevation) (ft)	Casing ID (in)	Casing Material
		2	PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
08:35	200 1st	7.10 1st	751	15.8	3.5	3.5	-136.4	48.95
08:40	200 2nd	7.18 2nd	637	15.5	4.9	6.2	-143.7	49.40
08:45	200 3rd	7.14 3rd	638	15.5	8.5	6.7	-72	49.55
08:50	200 4th	7.12 4th	648	15.5	8.4	5.0	-208	49.80
08:55	200	7.12	651	15.5	8.1	4.8	-187	49.85
09:00	200	7.11	656	15.5	8.2	4.7	-168	49.95
:								
:								
:								
:								
:								
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
10 05 23	7.11	656	15.5	8.2	4.7	-168	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: Clear Odor: None Color: Clear Other: ____

Weather Conditions (required daily, or as conditions change): Cloudy Direction/Speed: E @ 5-10 mph Outlook: Cloudy 70-80s Precipitation: Y or [X]

Specific Comments (including purge/well volume calculations if required): ____

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
10/5/23			Prony

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client

ORIGINAL COPY

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: EVLF

Site No.: ____ Sample Point: NE-2 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: ____

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
10 04 23	0800	:			

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment … Dedicated: [Y] or [N]

Filter Device: [Y] or [N] [0.45 µ] or [ ] µ (circle or fill in)

Purging Device [B]
Sampling Device [B]
X-Other:

A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Filter Type: [ ] A-In-line Disposable, B-Pressure, C-Vacuum, X-Other ____

Sample Tube Type: [D] A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: ____

WELL DATA

Well Elevation (at TOC)	Depth to Water (DTW) (from TOC)	Groundwater Elevation (site datum, from TOC)
(ft/msl)	21.60 (ft)	(ft/msl)

Total Well Depth (from TOC)	Stick Up (from ground elevation)	Casing ID	Casing Material
(ft)	(ft)	2 (in)	PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
0805	200 1st	6.40 1st	493	16.5	42	5.6	129.3	21.17
0810	200 2nd	6.27 2nd	467	15.9	45	4.5	131.9	21.75
0815	200 3rd	6.28 3rd	492	15.8	33	3.3	132.2	21.75
0820	200 4th	6.26 4th	475	15.8	29	3.3	133.8	21.75
0825	200	6.26	471	15.9	30	3.3	134.1	21.75
:								
:								
:								
:								
:								
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
10 04 23	6.26	471	15.9	30	3.3	134.1	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: Clear Odor: None Color: Clear Other: ____

Weather Conditions (required daily, or as conditions change): Direction/Speed: ____ Outlook: ____ Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): ____

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
10, 4, 23			Prons

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client

ORIGINAL COPY

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: EVLF

Site No.: ____ Sample Point: MW-4 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: ____

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
10 4 23	13:15	:			

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment … Dedicated: [X] or [N]

Purging Device [C]

Sampling Device [C]

X-Other: ____

A- Submersible Pump B-Peristaltic Pump C-QED Bladder Pump D-Bailer E-Piston Pump F-Dipper/Bottle

Filter Device: [Y] or [X] [0.45 µ] or [____] µ (circle or fill in)

Filter Type: ____

A-In-line Disposable B-Pressure C-Vacuum X-Other ____

Sample Tube Type: [D]

A-Teflon B-Stainless Steel C-PVC D-Polypropylene X-Other: ____

WELL DATA

Well Elevation (at TOC): ____ (ft/msl)

Depth to Water (DTW) (from TOC): 64.73 (ft)

Groundwater Elevation (site datum, from TOC): ____ (ft/msl)

Total Well Depth (from TOC): ____ (ft)

Stick Up (from ground elevation): ____ (ft)

Casing ID: 2 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
13:20	200 1st	7.19 1st	566	16.7	5.7	7.8	116.4	65.10
13:25	200 2nd	7.27 2nd	529	16.7	5.5	8.2	115.7	
13:30	200 3rd	7.26 3rd	547	17.2	6.3	8.5	120.0	
13:35	200 4th	7.23 4th	566	17.5	4.9	8.6	124.8	
13:40	200	7.21	573	17.6	4.9	8.6	126.6	
13:45	200	7.21	579	17.7	4.9	8.6	127.6	
:								
:								
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:								
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	–	–	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
10 4 23	7.21	579	17.7	4.9	8.6	127.6	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

Sample Appearance: Clear Odor: None Color: Clear Other: ____

Weather Conditions (required daily, or as conditions change): Direction/Speed: ____ Outlook: Cloudy Precipitation: Y or [X]

Specific Comments (including purge/well volume calculations if required):

FIELD COMMENTS

water level = Below top of Pump = 65.0' T.O.P

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
10/4/23			P. Torres

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client

ORIGINAL COPY

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: EVLF

Site No.: ____ Sample Point: NE-5 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: ____

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
10 04 23	18:20	:			

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment … Dedicated: [X] or [N]

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other: ____

Filter Device: [Y] or [X] [0.45 µ] or [____] µ (circle or fill in)

Filter Type: ____ A-In-line Disposable, B-Pressure, C-Vacuum, X-Other ____

Sample Tube Type: D — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: ____

WELL DATA

Well Elevation (at TOC): ____ (ft/msl)

Depth to Water (DTW) (from TOC): 70.45 (ft)

Groundwater Elevation (site datum, from TOC): ____ (ft/msl)

Total Well Depth (from TOC): ____ (ft)

Stick Up (from ground elevation): ____ (ft)

Casing ID: 2 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
18:25	200 1st	6.95 1st	591	16.1	13.7	8.7	131	71.75
18:30	200 2nd	6.57 2nd	777	15.9	10.0	2.6	-18.6	71.95
18:35	200 3rd	6.61 3rd	755	15.8	5.9	1.0	-69.1	72.10
18:40	200 4th	6.60 4th	756	15.7	6.8	0.9	-73.2	72.15
18:45	200	6.60	758	15.7	5.7	0.8	-75.3	72.20
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	–	–	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
10 04 23	6.60	758	15.7	5.7	0.8	-75.3	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: Clear Odor: None Color: Clear Other: ____

Weather Conditions (required daily, or as conditions change): Dark Direction/Speed: ____ Outlook: ____ Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): ____

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
10/4/23			

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client

ORIGINAL COPY

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: EVLF

Site No.: ____ Sample Point: NE-SE (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: ____

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
10 04 23	17:45	:			

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment … Dedicated: [X] or [N]

Filter Device: [Y] or [X] [0.45 µ] or [ ] µ (circle or fill in)

Purging Device [C] — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Filter Type: [ ] — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other ____

Sampling Device [C]

X-Other: ____

Sample Tube Type: [D] — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: ____

WELL DATA

Well Elevation (at TOC) (ft/msl)	Depth to Water (DTW) (from TOC) (ft)	Groundwater Elevation (site datum, from TOC) (ft/msl)
	67.71	

Total Well Depth (from TOC) (ft)	Stick Up (from ground elevation) (ft)	Casing ID (in)	Casing Material
		2	PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
17:50	200 1st	6.87 1st	739	17.7	367	2.5	104	68.45
17:55	200 2nd	6.80 2nd	767	17.1	2921	5.5	-357	68.90
18:00	200 3rd	6.67 3rd	797	17.0	2160	4.0	-92	69.1
18:05	200 4th	6.62 4th	809	17.0	1071	2.4	5.1	69.15
18:10	200	6.61	807	16.9	506	2.3	8.7	69.20
18:15	200	6.61	808	16.8	211	2.1	108	69.25
:								
:								
:								
:								
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
10 04 23	6.61	808	16.8	211	2.1	108	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: Orange Flakes Odor: NONE Color: Clear w/orange Other: ____

Weather Conditions (required daily, or as conditions change): Direction/Speed: ____ Outlook: ____ Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required):

Orange flakes during purge — Turbidity visually clear apart from floating debris.

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
10/4/23			Pramy

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client

ORIGINAL COPY

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: EVLF

Site No.: ____ Sample Point: NE-5W (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: ____

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
10 04 23	18:50	:			

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment … Dedicated: Y or N

Purging Device: C — Sampling Device: C

A- Submersible Pump; B-Peristaltic Pump; C-QED Bladder Pump; D-Bailer; E-Piston Pump; F-Dipper/Bottle

X-Other: ____

Filter Device: Y or N — 0.45 µ or ____ µ (circle or fill in)

Filter Type: ____ (A-In-line Disposable; B-Pressure; C-Vacuum; X-Other ____)

Sample Tube Type: D (A-Teflon; B-Stainless Steel; C-PVC; D-Polypropylene; X-Other: ____)

WELL DATA

Well Elevation (at TOC): ____ (ft/msl)

Depth to Water (DTW) (from TOC): 71.85 (ft)

Groundwater Elevation (site datum, from TOC): ____ (ft/msl)

Total Well Depth (from TOC): ____ (ft)

Stick Up (from ground elevation): ____ (ft)

Casing ID: 2 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
18:55	200 1st	6.94 1st	613	17.7	278	4.1	-58.6	72.16
19:00	200 2nd	6.75 2nd	697	17.0	164.9	5.9	-25.7	72.85
19:05	200 3rd	6.61 3rd	806	16.6	57.8	2.6	37.8	73.00
19:10	200 4th	6.60 4th	807	16.6	41.3	1.8	45.2	73.25
19:15	200	6.60	806	16.6	20.6	1.7	48.6	73.45
19:20	200	6.59	806	16.7	10.4	1.6	49.3	73.55
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	–	–	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
10 04 23	6.59	806	16.7	10.4	1.6	49.3	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

Sample Appearance: Clear — Odor: None — Color: Clear — Other: ____

Weather Conditions (required daily, or as conditions change): Direction/Speed: ____ Outlook: ____ Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required):

FIELD COMMENTS

Orange Flakes during Purge. . .

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
10, 4, 23			

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client

ORIGINAL COPY

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: EVLF

Site No.: | | | | |

Sample Point: MW-60 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: _____

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
10 04 23	1705	:			

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment … Dedicated: [X] or [N]

Filter Device: [Y] or [X] [0.45 µ] or [ ] µ (circle or fill in)

Purging Device [C]

Sampling Device [C]

A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Filter Type: [ ] A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

X-Other:

Sample Tube Type: [D] A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC)	Depth to Water (DTW) (from TOC)	Groundwater Elevation (site datum, from TOC)
(ft/msl)	32.79 (ft)	(ft/msl)

Total Well Depth (from TOC)	Stick Up (from ground elevation)	Casing ID	Casing Material
(ft)	(ft)	2 (in)	PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1710	200 1st	7.08 1st	7710	17.9	24	5.9	128.9	33.55
1715	200 2nd	6.74 2nd	7714	16.4	23	2.8	137.9	33.85
1720	200 3rd	6.70 3rd	7715	16.3	24	1.8	138.2	34.05
1725	200 4th	6.69 4th	7716	16.3	26	0.7	138.1	34.10
1730	200	6.69	7716	16.3	22	0.6	137.9	34.15
1735	200	6.68	7716	16.3	22	0.5	137.0	34.2
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	–	–	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
10 04 23	6.68	7716	16.3	22	0.5	137.0	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

Sample Appearance: Clear Odor: None Color: Clear Other:

Weather Conditions (required daily, or as conditions change): Direction/Speed: Outlook: Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required):

FIELD COMMENTS

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
10/4/23			PROMS

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client

ORIGINAL COPY

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: NE-10D

Site No.: | Sample Point: | Sample ID

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
10 03 23	18:30				

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: Y or N (N marked)
Filter Device: Y or N (N marked) | 0.45 µ or ___ µ (circle or fill in)

Purging Device: A
Sampling Device: A
A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle
X-Other:

Filter Type: ___ A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: D — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): ___ (ft/msl)
Depth to Water (DTW) (from TOC): 10.85 (ft)
Groundwater Elevation (site datum, from TOC): ___ (ft/msl)
Total Well Depth (from TOC): ___ (ft)
Stick Up (from ground elevation): ___ (ft)
Casing ID: 2 (in)
Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
18:35	250	1st 6.78	1st 265	17.8	22.5	7.8	87.5	10.19
18:40	250	2nd 6.80	2nd 260	16.2	92.7	8.0	94.0	10.19
18:45	250	3rd 6.82	3rd 263	16.9	35.4	8.2	96.7	10.19
18:50	250	4th 6.82	4th 262	17.1	20.4	8.2	97.5	10.19
18:55	250	6.82	262	17.1	15.1	8.3	97.4	10.19
19:00	250	6.81	262	17.1	8.1	8.3	97.5	10.19
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
10 03 23	6.81	262	17.1	8.1	8.3	97.5	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: clear Odor: NONE Color: clear Other:

Weather Conditions (required daily, or as conditions change): Direction/Speed: ___ Outlook: ___ Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required):

Dup 1 @ 0700 + 77.77'

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
10/3/23		[signature]	[signature]
/ /			

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client

ORIGINAL COPY

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: EVLF

Site No.: ____ Sample Point: NE-140 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: ____

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
10 04 23	1530	:			

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment … Dedicated: [X] or [N]

Filter Device: [Y] or [X] [0.45 µ] or [ ] µ (circle or fill in)

Purging Device [C]
Sampling Device [C]
X-Other: ____

A- Submersible Pump
B-Peristaltic Pump
C-QED Bladder Pump
D-Bailer
E-Piston Pump
F-Dipper/Bottle

Filter Type: [ ]
A-In-line Disposable
B-Pressure
C-Vacuum
X-Other ____

Sample Tube Type: [D]
A-Teflon
B-Stainless Steel
C-PVC
D-Polypropylene
X-Other: ____

WELL DATA

Well Elevation (at TOC) (ft/msl)	Depth to Water (DTW) (from TOC) (ft)	Groundwater Elevation (site datum, from TOC) (ft/msl)
	17.41	

Total Well Depth (from TOC) (ft)	Stick Up (from ground elevation) (ft)	Casing ID (in)	Casing Material
		2	PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1535	200 1st	6.76 1st	716	16.4	2.8	5.2	1472	17.9
1540	200 2nd	6.70 2nd	723	15.8	2.3	1.9	1479	17.9
1545	200 3rd	6.70 3rd	723	15.8	2.0	1.6	1470	17.9
1550	200 4th	6.70 4th	724	15.8	1.9	1.5	1461	17.9
1555	200	6.70	724	15.7	1.9	1.4	1458	17.9
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
10 04 23	6.70	724	15.7	1.9	1.4	1458	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

Sample Appearance: Clear Odor: None Color: Clear Other: ____

Weather Conditions (required daily, or as conditions change): Direction/Speed: ____ Outlook: ____ Precipitation: Y or X

Specific Comments (including purge/well volume calculations if required):

FIELD COMMENTS

Dup 2 @ 0700 & 77.77'

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
10/4/23			Proms

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client

ORIGINAL COPY

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: EVLF

Site No.:

Sample Point: ME-14S
Sample ID

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
10 04 23	07:15				

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment … Dedicated: Y or N (Y marked)

Purging Device: B

Sampling Device: B

A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

X-Other:

Filter Device: Y or N (N marked) 0.45 µ or ____ µ (circle or fill in)

Filter Type: ____ A-In-line Disposable, B-Pressure, C-Vacuum, X-Other ____

Sample Tube Type: D A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: ____

WELL DATA

Well Elevation (at TOC): ____ (ft/msl)

Depth to Water (DTW) (from TOC): 19.70 (ft)

Groundwater Elevation (site datum, from TOC): ____ (ft/msl)

Total Well Depth (from TOC): ____ (ft)

Stick Up (from ground elevation): ____ (ft)

Casing ID: 2 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit		pH (std)		Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
07:20	200	1st	6.60	1st	570	16.6	8.7	4.5	129.2	19.7
07:25	200	2nd	6.55	2nd	553	16.4	8.8	3.4	129.2	19.75
07:30	200	3rd	6.53	3rd	547	16.4	6.6	3.4	128.7	19.75
07:35	200	4th	6.52	4th	546	16.4	6.8	3.4	128.9	19.75
07:40	200		6.51		544	16.4	6.1	3.4	129.1	19.75
Suggested range for 3 consec. readings or note Permit/State requirements:			+/- 0.2		+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
10 04 23	6.51	544	16.4	6.1	3.4	129.1	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: Clear Odor: None Color: Clear Other:

Weather Conditions (required daily, or as conditions change): Direction/Speed: Calm Outlook: Cloudy Precipitation: Y or N (N marked)

Specific Comments (including purge/well volume calculations if required):

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
10/4/23	C. Fields	[signature]	[illegible]

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client

ORIGINAL COPY

ANALYTICAL REPORT

October 27, 2023

Eco-Vista (Tontitown)LF

Sample Delivery Group:	L1664045
Samples Received:	10/07/2023
Project Number:	200
Description:	Eco-Vista LF-GW-Apr & Oct
Site:	AR03
Report To:	Jodi Reynolds 88 Joyce Lane Russellville, AR 72801

Entire Report Reviewed By:

Stacy Kennedy
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

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LGW-6 L1664045-01 GW

Collected by: Chris Fincher | Collected date/time: 10/05/23 13:55 | Received date/time: 10/07/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2149590	1	10/11/23 20:02	10/11/23 20:45	JAC	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2148271	1	10/10/23 15:43	10/10/23 15:43	BMD	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2147116	1	10/07/23 16:30	10/07/23 16:30	EPW	Mt. Juliet, TN
Wet Chemistry by Method 9012B	WG2148826	1	10/11/23 09:20	10/11/23 15:23	UNP	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2149890	1	10/13/23 22:47	10/13/23 22:47	HMM	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2149942	1	10/12/23 17:36	10/12/23 17:36	ASH	Mt. Juliet, TN
Mercury by Method 7470A	WG2147401	1	10/12/23 19:03	10/14/23 10:59	LAS	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG2149104	1	10/11/23 14:03	10/13/23 01:13	DJS	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG2149104	5	10/11/23 14:03	10/15/23 13:52	ZSA	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG2150984	1	10/14/23 11:25	10/15/23 11:44	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2149123	1	10/12/23 11:23	10/21/23 15:40	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2148782	1	10/11/23 03:19	10/11/23 03:19	JCP	Mt. Juliet, TN
Chlorinated Acid Herbicides (GC) by Method 8151	WG2145481	1	10/09/23 14:32	10/10/23 19:33	LTB	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG2147257	1	10/08/23 16:26	10/08/23 23:19	NWH	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082	WG2147257	1	10/08/23 16:26	10/08/23 23:19	NWH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG2148873	1	10/11/23 14:00	10/12/23 18:15	AMG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG2148873	1	10/11/23 14:00	10/13/23 21:42	JNJ	Mt. Juliet, TN

LGW-7 L1664045-02 GW

Collected by: Chris Fincher | Collected date/time: 10/05/23 17:00 | Received date/time: 10/07/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2148271	1	10/10/23 15:44	10/10/23 15:44	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2149890	1	10/14/23 00:09	10/14/23 00:09	HMM	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2149942	1	10/12/23 17:57	10/12/23 17:57	ASH	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG2150984	1	10/14/23 11:25	10/15/23 11:56	ZSA	Mt. Juliet, TN

LGW-8R L1664045-03 GW

Collected by: Chris Fincher | Collected date/time: 10/05/23 17:35 | Received date/time: 10/07/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2148271	1	10/10/23 15:46	10/10/23 15:46	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2149890	1	10/14/23 00:23	10/14/23 00:23	HMM	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2149942	1	10/12/23 18:16	10/12/23 18:16	ASH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2149123	1	10/12/23 11:23	10/21/23 15:50	SJM	Mt. Juliet, TN

LGW-9 L1664045-04 GW

Collected by: Chris Fincher | Collected date/time: 10/05/23 19:00 | Received date/time: 10/07/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2149590	1	10/11/23 20:02	10/11/23 20:45	JAC	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2148271	1	10/10/23 15:49	10/10/23 15:49	BMD	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2147116	1	10/07/23 16:31	10/07/23 16:31	EPW	Mt. Juliet, TN
Wet Chemistry by Method 9012B	WG2148826	1	10/11/23 09:20	10/11/23 15:24	UNP	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2149890	1	10/14/23 00:36	10/14/23 00:36	HMM	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2149942	1	10/12/23 18:33	10/12/23 18:33	ASH	Mt. Juliet, TN
Mercury by Method 7470A	WG2147401	1	10/12/23 19:03	10/14/23 11:01	LAS	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG2149104	1	10/11/23 14:03	10/13/23 01:25	DJS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2149123	1	10/12/23 11:23	10/21/23 15:53	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2148782	1	10/11/23 03:39	10/11/23 03:39	JCP	Mt. Juliet, TN
Chlorinated Acid Herbicides (GC) by Method 8151	WG2145481	1	10/09/23 14:32	10/10/23 19:44	LTB	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG2147257	1	10/08/23 16:26	10/08/23 23:28	NWH	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082	WG2147257	1	10/08/23 16:26	10/08/23 23:28	NWH	Mt. Juliet, TN

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

LGW-9 L1664045-04 GW

Collected by: Chris Fincher | Collected date/time: 10/05/23 19:00 | Received date/time: 10/07/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG2148873	1	10/11/23 14:00	10/12/23 18:36	AMG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG2148873	1	10/11/23 14:00	10/13/23 21:24	JNJ	Mt. Juliet, TN

LGW-10 L1664045-05 GW

Collected by: Chris Fincher | Collected date/time: 10/05/23 18:15 | Received date/time: 10/07/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2149590	1	10/11/23 20:02	10/11/23 20:45	JAC	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2148271	1	10/10/23 15:52	10/10/23 15:52	BMD	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2147116	1	10/07/23 16:31	10/07/23 16:31	EPW	Mt. Juliet, TN
Wet Chemistry by Method 9012B	WG2148826	1	10/11/23 09:20	10/11/23 15:29	UNP	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2149890	1	10/14/23 00:50	10/14/23 00:50	HMM	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2149942	1	10/12/23 18:55	10/12/23 18:55	ASH	Mt. Juliet, TN
Mercury by Method 7470A	WG2147401	1	10/12/23 19:03	10/14/23 11:04	LAS	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG2149104	1	10/11/23 14:03	10/13/23 01:28	DJS	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG2150984	1	10/14/23 11:25	10/15/23 11:59	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2149123	1	10/12/23 11:23	10/21/23 15:56	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2148782	1	10/11/23 04:00	10/11/23 04:00	JCP	Mt. Juliet, TN
Chlorinated Acid Herbicides (GC) by Method 8151	WG2147800	1	10/11/23 14:37	10/12/23 01:59	MEW	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG2148878	1	10/11/23 20:41	10/13/23 01:51	LTB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082	WG2148878	1	10/11/23 20:41	10/13/23 01:51	LTB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG2148873	1	10/11/23 14:00	10/12/23 18:58	AMG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG2148873	1	10/11/23 14:00	10/13/23 21:59	JNJ	Mt. Juliet, TN

LGW-14R L1664045-06 GW

Collected by: Chris Fincher | Collected date/time: 10/05/23 13:25 | Received date/time: 10/07/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2148271	1	10/10/23 15:53	10/10/23 15:53	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2149890	1	10/14/23 01:04	10/14/23 01:04	HMM	Mt. Juliet, TN

NE-15D L1664045-07 GW

Collected by: Chris Fincher | Collected date/time: 10/06/23 10:00 | Received date/time: 10/07/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2150609	1	10/13/23 08:33	10/15/23 08:14	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2149890	1	10/14/23 01:18	10/14/23 01:18	HMM	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2149942	1	10/12/23 20:17	10/12/23 20:17	ASH	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG2149104	1	10/11/23 14:03	10/13/23 01:31	DJS	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG2150984	1	10/14/23 11:25	10/15/23 12:02	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2149123	1	10/12/23 11:23	10/21/23 16:00	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2148115	1	10/10/23 06:05	10/10/23 06:05	DWR	Mt. Juliet, TN

MW-3N L1664045-08 GW

Collected by: Chris Fincher | Collected date/time: 10/06/23 08:25 | Received date/time: 10/07/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2150609	1	10/13/23 08:33	10/15/23 08:14	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2149890	1	10/14/23 01:31	10/14/23 01:31	HMM	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2149942	1	10/12/23 20:34	10/12/23 20:34	ASH	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG2149104	1	10/11/23 14:03	10/13/23 01:34	DJS	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG2150984	1	10/14/23 11:25	10/15/23 12:04	ZSA	Mt. Juliet, TN

1 Cp 2 Tc 3 Ss 4 Cn 5 Sr 6 Qc 7 Gl 8 Al 9 Sc

MW-3N L1664045-08 GW

Collected by: Chris Fincher | Collected date/time: 10/06/23 08:25 | Received date/time: 10/07/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 6020	WG2149123	1	10/12/23 11:23	10/21/23 16:03	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2148115	1	10/10/23 06:24	10/10/23 06:24	DWR	Mt. Juliet, TN

MW-8N L1664045-09 GW

Collected by: Chris Fincher | Collected date/time: 10/05/23 14:55 | Received date/time: 10/07/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2149295	1	10/11/23 14:07	10/11/23 14:20	JAC	Mt. Juliet, TN
Wet Chemistry by Method 4500S2 D-2011	WG2147116	1	10/07/23 16:31	10/07/23 16:31	EPW	Mt. Juliet, TN
Wet Chemistry by Method 9012B	WG2148826	1	10/11/23 09:20	10/11/23 15:30	UNP	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2149890	1	10/14/23 01:45	10/14/23 01:45	HMM	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2149942	1	10/12/23 21:13	10/12/23 21:13	ASH	Mt. Juliet, TN
Mercury by Method 7470A	WG2147401	1	10/12/23 19:03	10/14/23 11:06	LAS	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG2149104	1	10/11/23 14:03	10/13/23 01:37	DJS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2149123	1	10/12/23 11:23	10/21/23 16:06	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2148782	1	10/11/23 04:21	10/11/23 04:21	JCP	Mt. Juliet, TN
Chlorinated Acid Herbicides (GC) by Method 8151	WG2147800	1	10/11/23 14:37	10/12/23 02:10	MEW	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG2148878	1	10/11/23 20:41	10/13/23 02:00	LTB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082	WG2148878	1	10/11/23 20:41	10/13/23 02:00	LTB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG2148873	1	10/11/23 14:00	10/12/23 19:20	AMG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C	WG2148873	1	10/11/23 14:00	10/13/23 22:16	JNJ	Mt. Juliet, TN

MW-21 L1664045-10 GW

Collected by: Chris Fincher | Collected date/time: 10/06/23 09:15 | Received date/time: 10/07/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2150608	1	10/13/23 09:36	10/13/23 16:42	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2149890	1	10/14/23 01:59	10/14/23 01:59	HMM	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2149942	1	10/12/23 21:32	10/12/23 21:32	ASH	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG2149104	1	10/11/23 14:03	10/13/23 01:40	DJS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2149123	1	10/12/23 11:23	10/21/23 16:10	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2148115	1	10/10/23 06:43	10/10/23 06:43	DWR	Mt. Juliet, TN

NE-9 L1664045-11 GW

Collected by: Chris Fincher | Collected date/time: 10/06/23 10:40 | Received date/time: 10/07/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2150609	1	10/13/23 08:33	10/15/23 08:14	JAC	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2149890	1	10/14/23 02:40	10/14/23 02:40	HMM	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2149942	1	10/12/23 21:52	10/12/23 21:52	ASH	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG2149104	1	10/11/23 14:03	10/13/23 01:43	DJS	Mt. Juliet, TN
Metals (ICPMS) by Method 6020	WG2149123	1	10/12/23 11:23	10/21/23 16:13	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2148115	1	10/10/23 07:02	10/10/23 07:02	DWR	Mt. Juliet, TN

TRIP BLANK L1664045-12 GW

Collected by: Chris Fincher | Collected date/time: 10/06/23 00:00 | Received date/time: 10/07/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2148782	1	10/11/23 02:17	10/11/23 02:17	JCP	Mt. Juliet, TN

Unless qualified or notated within the narrative below, all sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Stacy Kennedy
Project Manager

Project Comments

Method 8270, -01, -04, -05, -06, -09: 2-Picoline, a,a-Dimethylphenethylamine, p-Phenylenediamine, and 3,3-Dimethylbenzidine are reporting with critically low recovery in the laboratory control sample(s). These compounds are a method defined poor performer. Results are estimated.

The requested project specific reporting limits may be less than laboratory standard quantitation limits (PQL) but will be greater than or equal to the laboratory method detection limits (MDL). It is noted that results reported below lab standard quantitation limits (PQLs) may result in false positive/false negative values that may require additional laboratory quality assurance review, if requested. Routine laboratory procedures do not initiate a data review process for detections below the laboratory's PQL unless requested by the client.

Wet Chemistry by Method 9012B

The sample matrix interfered with the ability to make any accurate determination; spike value is low.

Batch	Lab Sample ID	Analytes
WG2148826	(MS) R3984879-5, (MS) R3984879-7, (MSD) R3984879-6, (MSD) R3984879-8, L1664045-04	Cyanide

Metals (ICP) by Method 6010B

The sample concentration is too high to evaluate accurate spike recoveries.

Batch	Lab Sample ID	Analytes
WG2150984	(MS) R3986468-4, (MSD) R3986468-5	Manganese,Total Recoverable

Volatile Organic Compounds (GC/MS) by Method 8260B

The associated batch QC was above the established quality control range for accuracy.

Batch	Lab Sample ID	Analytes
WG2148782	(LCS) R3984893-1, L1664045-01, 04, 05, 09, 12	1,1,2-Trichloroethane and Dibromochloromethane

The associated batch QC was outside the established quality control range for precision.

Batch	Lab Sample ID	Analytes
WG2148115	(LCSD) R3985695-2, L1664045-07, 08, 10, 11	1,2-Dibromo-3-Chloropropane and 2-Butanone (MEK)

Chlorinated Acid Herbicides (GC) by Method 8151

RPD between the primary and confirmatory analysis exceeded 40%

Batch	Lab Sample ID	Analytes
WG2145481	(LCS) R3984708-2	2,4,5-T
WG2145481	(LCSD) R3984708-3	2,4,5-T and 2,4-D

The associated batch QC was outside the established quality control range for precision.

Batch	Lab Sample ID	Analytes
WG2145481	(LCSD) R3984708-3, L1664045-01, 04	2,4,5-T, 2,4,5-Tp (Silvex) and 2,4-D

Polychlorinated Biphenyls (GC) by Method 8082

The associated batch QC was outside the established quality control range for precision.

Batch	Lab Sample ID	Analytes
WG2148878	(LCSD) R3986371-5, L1664045-05, 09	PCB 1016 and PCB 1260

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

The associated batch QC was below the established quality control range for accuracy.

Batch	Lab Sample ID	Analytes
WG2148873	(LCS) R3987287-1, L1664045-01, 04, 05, 09	1,4-Naphthoquinone, 3,3-Dimethylbenzidine and p-Phenylenediamine

The sample matrix interfered with the ability to make any accurate determination; spike value is low.

Batch	Lab Sample ID	Analytes
WG2148873	(MS) R3986579-3	Indeno(1,2,3-cd)pyrene

The associated batch QC was outside the established quality control range for precision.

Batch	Lab Sample ID	Analytes
WG2148873	(MSD) R3986579-4	2,4,5-Trichlorophenol, 2,4,6-Trichlorophenol, 2,4-Dichlorophenol, 2,4-Dimethylphenol, 2-Methylphenol, 4-Chloro-3-methylphenol and Hexachlorocyclopentadiene

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units
pH (On Site)	6.34	su
Specific Conductance (on site)	868	umhos/cm
Temperature (on-site)	18.8	Deg. C
Turbidity (on-site)	3.1	NTU
Dissolved Oxygen (on-site)	0.8	mg/l
eH/ORP (On Site)	-9.3	mV
Depth to water (DTW) (FROM TOC)	51.1	ft

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	401		10.0	1	10/11/2023 20:45	WG2149590

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	ND		0.100	1	10/10/2023 15:43	WG2148271

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Sulfide	ND		4.00	1	10/07/2023 16:30	WG2147116

Wet Chemistry by Method 9012B

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Cyanide	ND		0.0100	1	10/11/2023 15:23	WG2148826

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	17.2		3.00	1	10/13/2023 22:47	WG2149890
Sulfate	ND		5.00	1	10/13/2023 22:47	WG2149890

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
TOC	ND		1.00	1	10/12/2023 17:36	WG2149942

Mercury by Method 7470A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Mercury,Total Recoverable	ND		0.000200	1	10/14/2023 10:59	WG2147401

Metals (ICP) by Method 6010B

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Barium,Total Recoverable	0.196		0.00500	1	10/13/2023 01:13	WG2149104
Iron, Total Recoverable	1.29		0.0600	1	10/15/2023 11:44	WG2150984
Lead, Total Recoverable	ND		0.00500	1	10/13/2023 01:13	WG2149104
Manganese,Total Recoverable	32.6		0.00600	5	10/15/2023 13:52	WG2149104
Selenium, Total Recoverable	ND		0.0100	1	10/13/2023 01:13	WG2149104

Metals (ICP) by Method 6010B

Analyte	Result mg/l	Qualifier	RL mg/l	Dilution	Analysis date / time	Batch
Silver, Total Recoverable	ND		0.0500	1	10/13/2023 01:13	WG2149104
Tin, Total Recoverable	ND		0.100	1	10/13/2023 01:13	WG2149104

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	RL mg/l	Dilution	Analysis date / time	Batch
Antimony, Total Recoverable	ND		0.00200	1	10/21/2023 15:40	WG2149123
Arsenic, Total Recoverable	ND		0.00500	1	10/21/2023 15:40	WG2149123
Beryllium, Total Recoverable	ND		0.00100	1	10/21/2023 15:40	WG2149123
Cadmium, Total Recoverable	0.00139		0.00100	1	10/21/2023 15:40	WG2149123
Chromium, Total Recoverable	ND		0.00300	1	10/21/2023 15:40	WG2149123
Cobalt,Total Recoverable	0.0248		0.00300	1	10/21/2023 15:40	WG2149123
Copper, Total Recoverable	ND		0.00400	1	10/21/2023 15:40	WG2149123
Nickel, Total Recoverable	0.165		0.00400	1	10/21/2023 15:40	WG2149123
Thallium, Total Recoverable	ND		0.00100	1	10/21/2023 15:40	WG2149123
Vanadium,Total Recoverable	ND		0.00300	1	10/21/2023 15:40	WG2149123
Zinc, Total Recoverable	0.139		0.00500	1	10/21/2023 15:40	WG2149123

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	ND		1.00	1	10/11/2023 03:19	WG2148782
1,1,1-Trichloroethane	ND		1.00	1	10/11/2023 03:19	WG2148782
1,1,2,2-Tetrachloroethane	ND		1.00	1	10/11/2023 03:19	WG2148782
1,1,2-Trichloroethane	ND	J4	1.00	1	10/11/2023 03:19	WG2148782
1,1-Dichloroethane	ND		1.00	1	10/11/2023 03:19	WG2148782
1,1-Dichloroethene	ND		1.00	1	10/11/2023 03:19	WG2148782
1,1-Dichloropropene	ND		1.00	1	10/11/2023 03:19	WG2148782
1,2,3-Trichloropropane	ND		1.00	1	10/11/2023 03:19	WG2148782
1,2-Dibromo-3-Chloropropane	ND		2.00	1	10/11/2023 03:19	WG2148782
1,2-Dibromoethane	ND		1.00	1	10/11/2023 03:19	WG2148782
1,2-Dichlorobenzene	ND		1.00	1	10/11/2023 03:19	WG2148782
1,2-Dichloroethane	ND		1.00	1	10/11/2023 03:19	WG2148782
1,2-Dichloropropane	ND		1.00	1	10/11/2023 03:19	WG2148782
1,3-Dichlorobenzene	ND		1.00	1	10/11/2023 03:19	WG2148782
1,3-Dichloropropane	ND		1.00	1	10/11/2023 03:19	WG2148782
1,4-Dichlorobenzene	ND		1.00	1	10/11/2023 03:19	WG2148782
2,2-Dichloropropane	ND		5.00	1	10/11/2023 03:19	WG2148782
2-Butanone (MEK)	ND		5.00	1	10/11/2023 03:19	WG2148782
2-Hexanone	ND		5.00	1	10/11/2023 03:19	WG2148782
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/11/2023 03:19	WG2148782
Acetone	ND		11.3	1	10/11/2023 03:19	WG2148782
Acetonitrile	ND		30.0	1	10/11/2023 03:19	WG2148782
Acrolein	ND		20.0	1	10/11/2023 03:19	WG2148782
Acrylonitrile	ND		20.0	1	10/11/2023 03:19	WG2148782
Allyl chloride	ND		10.0	1	10/11/2023 03:19	WG2148782
Benzene	ND		1.00	1	10/11/2023 03:19	WG2148782
Bromochloromethane	ND		1.00	1	10/11/2023 03:19	WG2148782
Bromodichloromethane	ND		1.00	1	10/11/2023 03:19	WG2148782
Bromoform	ND		1.00	1	10/11/2023 03:19	WG2148782
Bromomethane	ND		1.00	1	10/11/2023 03:19	WG2148782
Carbon disulfide	ND		1.00	1	10/11/2023 03:19	WG2148782
Carbon tetrachloride	ND		1.00	1	10/11/2023 03:19	WG2148782
Chlorobenzene	ND		1.00	1	10/11/2023 03:19	WG2148782
Chloroethane	ND		1.00	1	10/11/2023 03:19	WG2148782

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
Chloroform	ND		1.00	1	10/11/2023 03:19	WG2148782
Chloromethane	ND		1.00	1	10/11/2023 03:19	WG2148782
Chloroprene	ND		1.70	1	10/11/2023 03:19	WG2148782
Dibromochloromethane	ND	J4	1.00	1	10/11/2023 03:19	WG2148782
Dibromomethane	ND		1.00	1	10/11/2023 03:19	WG2148782
Dichlorodifluoromethane	ND		2.00	1	10/11/2023 03:19	WG2148782
Ethyl methacrylate	ND		3.00	1	10/11/2023 03:19	WG2148782
Ethylbenzene	ND		1.00	1	10/11/2023 03:19	WG2148782
Iodomethane	ND		1.00	1	10/11/2023 03:19	WG2148782
Isobutanol	ND		110	1	10/11/2023 03:19	WG2148782
Methacrylonitrile	ND		13.0	1	10/11/2023 03:19	WG2148782
Methyl methacrylate	ND		4.00	1	10/11/2023 03:19	WG2148782
Methylene Chloride	ND		1.07	1	10/11/2023 03:19	WG2148782
Propionitrile	ND		20.0	1	10/11/2023 03:19	WG2148782
Styrene	ND		1.00	1	10/11/2023 03:19	WG2148782
Tetrachloroethene	ND		1.00	1	10/11/2023 03:19	WG2148782
Toluene	ND		1.00	1	10/11/2023 03:19	WG2148782
Trichloroethene	ND		1.00	1	10/11/2023 03:19	WG2148782
Trichlorofluoromethane	ND		1.00	1	10/11/2023 03:19	WG2148782
Vinyl acetate	ND		5.00	1	10/11/2023 03:19	WG2148782
Vinyl chloride	ND		1.00	1	10/11/2023 03:19	WG2148782
Xylenes, Total	ND		1.00	1	10/11/2023 03:19	WG2148782
cis-1,2-Dichloroethene	ND		1.00	1	10/11/2023 03:19	WG2148782
cis-1,3-Dichloropropene	ND		1.00	1	10/11/2023 03:19	WG2148782
trans-1,2-Dichloroethene	ND		1.00	1	10/11/2023 03:19	WG2148782
trans-1,3-Dichloropropene	ND		1.00	1	10/11/2023 03:19	WG2148782
trans-1,4-Dichloro-2-butene	ND		1.00	1	10/11/2023 03:19	WG2148782
(S) Toluene-d8	*107*			*80.0-120*	*10/11/2023 03:19*	WG2148782
(S) 1,2-Dichloroethane-d4	*95.7*			*70.0-130*	*10/11/2023 03:19*	WG2148782
(S) 4-Bromofluorobenzene	*91.1*			*77.0-126*	*10/11/2023 03:19*	WG2148782

Chlorinated Acid Herbicides (GC) by Method 8151

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
2,4,5-T	ND	J3	1.00	1	10/10/2023 19:33	WG2145481
2,4,5-Tp (Silvex)	ND	J3	1.00	1	10/10/2023 19:33	WG2145481
2,4-D	ND	J3	4.00	1	10/10/2023 19:33	WG2145481
(S) 2,4-Dichlorophenyl Acetic Acid	*85.3*			*14.0-158*	*10/10/2023 19:33*	WG2145481

Pesticides (GC) by Method 8081

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
4,4-DDD	ND		0.0500	1	10/08/2023 23:19	WG2147257
4,4-DDE	ND		0.0500	1	10/08/2023 23:19	WG2147257
4,4-DDT	ND		0.0500	1	10/08/2023 23:19	WG2147257
Aldrin	ND		0.0500	1	10/08/2023 23:19	WG2147257
Alpha BHC	ND		0.0500	1	10/08/2023 23:19	WG2147257
Beta BHC	ND		0.500	1	10/08/2023 23:19	WG2147257
Chlordane	ND		0.500	1	10/08/2023 23:19	WG2147257
Delta BHC	ND		0.0500	1	10/08/2023 23:19	WG2147257
Dieldrin	ND		0.0500	1	10/08/2023 23:19	WG2147257
Endosulfan I	ND		0.0500	1	10/08/2023 23:19	WG2147257
Endosulfan II	ND		0.0500	1	10/08/2023 23:19	WG2147257
Endosulfan sulfate	ND		0.0500	1	10/08/2023 23:19	WG2147257
Endrin	ND		0.0500	1	10/08/2023 23:19	WG2147257

Pesticides (GC) by Method 8081

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Endrin aldehyde	ND		0.0500	1	10/08/2023 23:19	WG2147257
Gamma BHC	ND		0.0500	1	10/08/2023 23:19	WG2147257
Heptachlor	ND		0.0500	1	10/08/2023 23:19	WG2147257
Heptachlor epoxide	ND		0.0500	1	10/08/2023 23:19	WG2147257
Methoxychlor	ND		0.100	1	10/08/2023 23:19	WG2147257
Toxaphene	ND		5.00	1	10/08/2023 23:19	WG2147257
(S) Decachlorobiphenyl	*65.8*			*10.0-128*	*10/08/2023 23:19*	WG2147257
(S) Tetrachloro-m-xylene	*64.9*			*10.0-127*	*10/08/2023 23:19*	WG2147257

Polychlorinated Biphenyls (GC) by Method 8082

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
PCB 1016	ND		1.00	1	10/08/2023 23:19	WG2147257
PCB 1221	ND		1.00	1	10/08/2023 23:19	WG2147257
PCB 1232	ND		1.00	1	10/08/2023 23:19	WG2147257
PCB 1242	ND		1.00	1	10/08/2023 23:19	WG2147257
PCB 1248	ND		1.00	1	10/08/2023 23:19	WG2147257
PCB 1254	ND		1.00	1	10/08/2023 23:19	WG2147257
PCB 1260	ND		1.00	1	10/08/2023 23:19	WG2147257
(S) Decachlorobiphenyl	*79.8*			*10.0-128*	*10/08/2023 23:19*	WG2147257
(S) Tetrachloro-m-xylene	*73.2*			*10.0-127*	*10/08/2023 23:19*	WG2147257

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
1,2,4,5-Tetrachlorobenzene	ND		10.0	1	10/12/2023 18:15	WG2148873
1,2,4-Trichlorobenzene	ND		10.0	1	10/12/2023 18:15	WG2148873
1,3,5-Trinitrobenzene	ND		50.0	1	10/13/2023 21:42	WG2148873
1,3-Dinitrobenzene	ND		10.0	1	10/13/2023 21:42	WG2148873
1,4-Naphthoquinone	ND	J4	50.0	1	10/13/2023 21:42	WG2148873
1-Naphthylamine	ND		10.0	1	10/13/2023 21:42	WG2148873
2,2-Oxybis(1-Chloropropane)	ND		10.0	1	10/12/2023 18:15	WG2148873
2,3,4,6-Tetrachlorophenol	ND		50.0	1	10/12/2023 18:15	WG2148873
2,4,5-Trichlorophenol	ND		10.0	1	10/12/2023 18:15	WG2148873
2,4,6-Trichlorophenol	ND		10.0	1	10/12/2023 18:15	WG2148873
2,4-Dichlorophenol	ND		10.0	1	10/12/2023 18:15	WG2148873
2,4-Dimethylphenol	ND		10.0	1	10/12/2023 18:15	WG2148873
2,4-Dinitrophenol	ND		50.0	1	10/12/2023 18:15	WG2148873
2,4-Dinitrotoluene	ND		10.0	1	10/12/2023 18:15	WG2148873
2,6-Dichlorophenol	ND		10.0	1	10/13/2023 21:42	WG2148873
2,6-Dinitrotoluene	ND		10.0	1	10/12/2023 18:15	WG2148873
2-Acetylaminofluorene	ND		100	1	10/13/2023 21:42	WG2148873
2-Chloronaphthalene	ND		10.0	1	10/12/2023 18:15	WG2148873
2-Chlorophenol	ND		10.0	1	10/12/2023 18:15	WG2148873
2-Methylnaphthalene	ND		10.0	1	10/12/2023 18:15	WG2148873
2-Methylphenol	ND		10.0	1	10/12/2023 18:15	WG2148873
2-Naphthylamine	ND		10.0	1	10/13/2023 21:42	WG2148873
2-Nitroaniline	ND		50.0	1	10/12/2023 18:15	WG2148873
2-Nitrophenol	ND		10.0	1	10/12/2023 18:15	WG2148873
3&4-Methyl Phenol	ND		10.0	1	10/12/2023 18:15	WG2148873
3,3-Dichlorobenzidine	ND		50.0	1	10/12/2023 18:15	WG2148873
3,3-Dimethylbenzidine	ND	J4	20.0	1	10/13/2023 21:42	WG2148873
3-Methylcholanthrene	ND		20.0	1	10/13/2023 21:42	WG2148873
3-Nitroaniline	ND		50.0	1	10/12/2023 18:15	WG2148873
4,6-Dinitro-2-methylphenol	ND		50.0	1	10/12/2023 18:15	WG2148873

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
4-Aminobiphenyl	ND		10.0	1	10/13/2023 21:42	WG2148873
4-Bromophenyl-phenylether	ND		50.0	1	10/12/2023 18:15	WG2148873
4-Chloro-3-methylphenol	ND		10.0	1	10/12/2023 18:15	WG2148873
4-Chloroaniline	ND		10.0	1	10/12/2023 18:15	WG2148873
4-Chlorophenyl-phenylether	ND		10.0	1	10/12/2023 18:15	WG2148873
4-Nitroaniline	ND		50.0	1	10/12/2023 18:15	WG2148873
4-Nitrophenol	ND		50.0	1	10/12/2023 18:15	WG2148873
5-Nitro-o-toluidine	ND		20.0	1	10/13/2023 21:42	WG2148873
Acenaphthene	ND		10.0	1	10/12/2023 18:15	WG2148873
Acenaphthylene	ND		10.0	1	10/12/2023 18:15	WG2148873
Acetophenone	ND		10.0	1	10/12/2023 18:15	WG2148873
Anthracene	ND		10.0	1	10/12/2023 18:15	WG2148873
Benzo(A)Anthracene	ND		10.0	1	10/12/2023 18:15	WG2148873
Benzo(a)pyrene	ND		10.0	1	10/12/2023 18:15	WG2148873
Benzo(b)fluoranthene	ND		10.0	1	10/12/2023 18:15	WG2148873
Benzo(g,h,i)perylene	ND		10.0	1	10/12/2023 18:15	WG2148873
Benzo(k)fluoranthene	ND		10.0	1	10/12/2023 18:15	WG2148873
Benzyl Alcohol	ND		10.0	1	10/12/2023 18:15	WG2148873
Benzylbutyl phthalate	ND		10.0	1	10/12/2023 18:15	WG2148873
Bis(2-Ethylhexyl)phthalate	ND		10.0	1	10/12/2023 18:15	WG2148873
Bis(2-chlorethoxy)methane	ND		10.0	1	10/12/2023 18:15	WG2148873
Bis(2-chloroethyl)ether	ND		10.0	1	10/12/2023 18:15	WG2148873
Chlorobenzilate	ND		10.0	1	10/13/2023 21:42	WG2148873
Chrysene	ND		10.0	1	10/12/2023 18:15	WG2148873
Di-n-butyl phthalate	ND		10.0	1	10/12/2023 18:15	WG2148873
Di-n-octyl phthalate	ND		10.0	1	10/12/2023 18:15	WG2148873
Diallate	ND		20.0	1	10/13/2023 21:42	WG2148873
Dibenz(a,h)anthracene	ND		20.0	1	10/12/2023 18:15	WG2148873
Dibenzofuran	ND		10.0	1	10/12/2023 18:15	WG2148873
Diethyl phthalate	ND		10.0	1	10/12/2023 18:15	WG2148873
Dimethoate	ND		20.0	1	10/13/2023 21:42	WG2148873
Dimethyl phthalate	ND		10.0	1	10/12/2023 18:15	WG2148873
Dimethylbenz (A) Anthracene	ND		20.0	1	10/13/2023 21:42	WG2148873
Dinoseb	ND		17.9	1	10/13/2023 21:42	WG2148873
Diphenylamine	ND		10.0	1	10/12/2023 18:15	WG2148873
Disulfoton	ND		50.0	1	10/13/2023 21:42	WG2148873
Ethyl methanesulfonate	ND		10.0	1	10/13/2023 21:42	WG2148873
Ethyl parathion	ND		50.0	1	10/13/2023 21:42	WG2148873
Famphur	ND		200	1	10/13/2023 21:42	WG2148873
Fluoranthene	ND		1.00	1	10/12/2023 18:15	WG2148873
Fluorene	ND		10.0	1	10/12/2023 18:15	WG2148873
Hexachloro-1,3-butadiene	ND		10.0	1	10/12/2023 18:15	WG2148873
Hexachlorobenzene	ND		10.0	1	10/12/2023 18:15	WG2148873
Hexachlorocyclopentadiene	ND		50.0	1	10/12/2023 18:15	WG2148873
Hexachloroethane	ND		10.0	1	10/12/2023 18:15	WG2148873
Hexachloropropene	ND		100	1	10/13/2023 21:42	WG2148873
Indeno(1,2,3-cd)pyrene	ND		10.0	1	10/12/2023 18:15	WG2148873
Isodrin	ND		10.0	1	10/13/2023 21:42	WG2148873
Isophorone	ND		10.0	1	10/12/2023 18:15	WG2148873
Isosafrole	ND		20.0	1	10/13/2023 21:42	WG2148873
Kepone	ND		1.88	1	10/13/2023 21:42	WG2148873
Methapyrilene	ND		50.0	1	10/13/2023 21:42	WG2148873
Methyl methanesulfonate	ND		50.0	1	10/13/2023 21:42	WG2148873
Methyl parathion	ND		10.0	1	10/13/2023 21:42	WG2148873
Naphthalene	ND		10.0	1	10/12/2023 18:15	WG2148873
Nitrobenzene	ND		10.0	1	10/12/2023 18:15	WG2148873

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
O,O,O-Triethyl Phosphorothioate	ND		50.0	1	10/13/2023 21:42	WG2148873
P-(Dimethylamino) Azobenzene	ND		20.0	1	10/13/2023 21:42	WG2148873
Pentachlorobenzene	ND		10.0	1	10/13/2023 21:42	WG2148873
Pentachloronitrobenzene	ND		50.0	1	10/13/2023 21:42	WG2148873
Pentachlorophenol	ND		50.0	1	10/12/2023 18:15	WG2148873
Phenacetin	ND		10.0	1	10/13/2023 21:42	WG2148873
Phenanthrene	ND		20.0	1	10/12/2023 18:15	WG2148873
Phenol	ND		10.0	1	10/12/2023 18:15	WG2148873
Phorate	ND		50.0	1	10/13/2023 21:42	WG2148873
Pronamide	ND		20.0	1	10/13/2023 21:42	WG2148873
Pyrene	ND		10.0	1	10/12/2023 18:15	WG2148873
Safrole	ND		50.0	1	10/13/2023 21:42	WG2148873
Thionazin	ND		10.0	1	10/13/2023 21:42	WG2148873
n-Nitrosodi-n-butylamine	ND		10.0	1	10/13/2023 21:42	WG2148873
n-Nitrosodi-n-propylamine	ND		10.0	1	10/12/2023 18:15	WG2148873
n-Nitrosodiethylamine	ND		10.0	1	10/13/2023 21:42	WG2148873
n-Nitrosodimethylamine	ND		10.0	1	10/12/2023 18:15	WG2148873
n-Nitrosodiphenylamine	ND		10.0	1	10/12/2023 18:15	WG2148873
n-Nitrosomethylethylamine	ND		10.0	1	10/13/2023 21:42	WG2148873
n-Nitrosopiperidine	ND		10.0	1	10/13/2023 21:42	WG2148873
n-Nitrosopyrrolidine	ND		10.0	1	10/13/2023 21:42	WG2148873
o-Toluidine	ND		10.0	1	10/13/2023 21:42	WG2148873
p-Phenylenediamine	ND	J4	387	1	10/13/2023 21:42	WG2148873
(S) Phenol-d5	*17.1*			*10.0-120*	*10/12/2023 18:15*	WG2148873
(S) 2,4,6-Tribromophenol	*29.7*			*10.0-155*	*10/12/2023 18:15*	WG2148873
(S) p-Terphenyl-d14	*50.1*			*10.0-128*	*10/12/2023 18:15*	WG2148873
(S) Nitrobenzene-d5	*52.5*			*10.0-127*	*10/12/2023 18:15*	WG2148873
(S) 2-Fluorobiphenyl	*53.7*			*10.0-130*	*10/12/2023 18:15*	WG2148873
(S) 2-Fluorophenol	*22.9*			*10.0-120*	*10/12/2023 18:15*	WG2148873

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units
pH (On Site)	6.69	su
Specific Conductance (on site)	744	umhos/cm
Temperature (on-site)	18.2	Deg. C
Turbidity (on-site)	2.6	NTU
Dissolved Oxygen (on-site)	1.9	mg/l
eH/ORP (On Site)	91	mV
Depth to water (DTW) (FROM TOC)	43.65	ft

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	ND		0.100	1	10/10/2023 15:44	WG2148271

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	17.3		3.00	1	10/14/2023 00:09	WG2149890

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
TOC	ND		1.00	1	10/12/2023 17:57	WG2149942

Metals (ICP) by Method 6010B

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Manganese,Total Recoverable	0.0258		0.00300	1	10/15/2023 11:56	WG2150984

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units
pH (On Site)	6.64	su
Specific Conductance (on site)	873	umhos/cm
Temperature (on-site)	17.3	Deg. C
Turbidity (on-site)	2.5	NTU
Dissolved Oxygen (on-site)	0.4	mg/l
eH/ORP (On Site)	95.9	mV
Depth to water (DTW) (FROM TOC)	10.9	ft

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	ND		0.100	1	10/10/2023 15:46	WG2148271

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	20.2		3.00	1	10/14/2023 00:23	WG2149890

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
TOC	ND		1.00	1	10/12/2023 18:16	WG2149942

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Cadmium, Total Recoverable	0.00297		0.00100	1	10/21/2023 15:50	WG2149123
Nickel, Total Recoverable	0.0187		0.00400	1	10/21/2023 15:50	WG2149123
Zinc, Total Recoverable	0.0585		0.00500	1	10/21/2023 15:50	WG2149123

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units
pH (On Site)	6.41	su
Specific Conductance (on site)	930	umhos/cm
Temperature (on-site)	17.2	Deg. C
Turbidity (on-site)	2.8	NTU
Dissolved Oxygen (on-site)	0.4	mg/l
eH/ORP (On Site)	79.7	mV
Depth to water (DTW) (FROM TOC)	54.24	ft

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	412		10.0	1	10/11/2023 20:45	WG2149590

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	ND		0.100	1	10/10/2023 15:49	WG2148271

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Sulfide	ND		4.00	1	10/07/2023 16:31	WG2147116

Wet Chemistry by Method 9012B

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Cyanide	ND	J6	0.0100	1	10/11/2023 15:24	WG2148826

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	34.8		3.00	1	10/14/2023 00:36	WG2149890
Sulfate	7.30		5.00	1	10/14/2023 00:36	WG2149890

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
TOC	1.45		1.00	1	10/12/2023 18:33	WG2149942

Mercury by Method 7470A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Mercury,Total Recoverable	ND		0.000200	1	10/14/2023 11:01	WG2147401

Metals (ICP) by Method 6010B

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Barium,Total Recoverable	0.146		0.00500	1	10/13/2023 01:25	WG2149104
Iron, Total Recoverable	ND		0.0600	1	10/13/2023 01:25	WG2149104
Lead, Total Recoverable	ND		0.00500	1	10/13/2023 01:25	WG2149104
Manganese,Total Recoverable	3.27		0.00300	1	10/13/2023 01:25	WG2149104
Selenium, Total Recoverable	ND		0.0100	1	10/13/2023 01:25	WG2149104

Metals (ICP) by Method 6010B

Analyte	Result mg/l	Qualifier	RL mg/l	Dilution	Analysis date / time	Batch
Silver, Total Recoverable	ND		0.0500	1	10/13/2023 01:25	WG2149104
Tin, Total Recoverable	ND		0.100	1	10/13/2023 01:25	WG2149104

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	RL mg/l	Dilution	Analysis date / time	Batch
Antimony, Total Recoverable	ND		0.00200	1	10/21/2023 15:53	WG2149123
Arsenic, Total Recoverable	ND		0.00500	1	10/21/2023 15:53	WG2149123
Beryllium, Total Recoverable	ND		0.00100	1	10/21/2023 15:53	WG2149123
Cadmium, Total Recoverable	0.0117		0.00100	1	10/21/2023 15:53	WG2149123
Chromium, Total Recoverable	ND		0.00300	1	10/21/2023 15:53	WG2149123
Cobalt,Total Recoverable	ND		0.00300	1	10/21/2023 15:53	WG2149123
Copper, Total Recoverable	ND		0.00400	1	10/21/2023 15:53	WG2149123
Nickel, Total Recoverable	0.0221		0.00400	1	10/21/2023 15:53	WG2149123
Thallium, Total Recoverable	ND		0.00100	1	10/21/2023 15:53	WG2149123
Vanadium,Total Recoverable	ND		0.00300	1	10/21/2023 15:53	WG2149123
Zinc, Total Recoverable	0.0624		0.00500	1	10/21/2023 15:53	WG2149123

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	ND		1.00	1	10/11/2023 03:39	WG2148782
1,1,1-Trichloroethane	ND		1.00	1	10/11/2023 03:39	WG2148782
1,1,2,2-Tetrachloroethane	ND		1.00	1	10/11/2023 03:39	WG2148782
1,1,2-Trichloroethane	ND	J4	1.00	1	10/11/2023 03:39	WG2148782
1,1-Dichloroethane	ND		1.00	1	10/11/2023 03:39	WG2148782
1,1-Dichloroethene	ND		1.00	1	10/11/2023 03:39	WG2148782
1,1-Dichloropropene	ND		1.00	1	10/11/2023 03:39	WG2148782
1,2,3-Trichloropropane	ND		1.00	1	10/11/2023 03:39	WG2148782
1,2-Dibromo-3-Chloropropane	ND		2.00	1	10/11/2023 03:39	WG2148782
1,2-Dibromoethane	ND		1.00	1	10/11/2023 03:39	WG2148782
1,2-Dichlorobenzene	ND		1.00	1	10/11/2023 03:39	WG2148782
1,2-Dichloroethane	ND		1.00	1	10/11/2023 03:39	WG2148782
1,2-Dichloropropane	ND		1.00	1	10/11/2023 03:39	WG2148782
1,3-Dichlorobenzene	ND		1.00	1	10/11/2023 03:39	WG2148782
1,3-Dichloropropane	ND		1.00	1	10/11/2023 03:39	WG2148782
1,4-Dichlorobenzene	ND		1.00	1	10/11/2023 03:39	WG2148782
2,2-Dichloropropane	ND		5.00	1	10/11/2023 03:39	WG2148782
2-Butanone (MEK)	ND		5.00	1	10/11/2023 03:39	WG2148782
2-Hexanone	ND		5.00	1	10/11/2023 03:39	WG2148782
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/11/2023 03:39	WG2148782
Acetone	ND		11.3	1	10/11/2023 03:39	WG2148782
Acetonitrile	ND		30.0	1	10/11/2023 03:39	WG2148782
Acrolein	ND		20.0	1	10/11/2023 03:39	WG2148782
Acrylonitrile	ND		20.0	1	10/11/2023 03:39	WG2148782
Allyl chloride	ND		10.0	1	10/11/2023 03:39	WG2148782
Benzene	ND		1.00	1	10/11/2023 03:39	WG2148782
Bromochloromethane	ND		1.00	1	10/11/2023 03:39	WG2148782
Bromodichloromethane	ND		1.00	1	10/11/2023 03:39	WG2148782
Bromoform	ND		1.00	1	10/11/2023 03:39	WG2148782
Bromomethane	ND		1.00	1	10/11/2023 03:39	WG2148782
Carbon disulfide	ND		1.00	1	10/11/2023 03:39	WG2148782
Carbon tetrachloride	ND		1.00	1	10/11/2023 03:39	WG2148782
Chlorobenzene	ND		1.00	1	10/11/2023 03:39	WG2148782
Chloroethane	ND		1.00	1	10/11/2023 03:39	WG2148782

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
Chloroform	ND		1.00	1	10/11/2023 03:39	WG2148782
Chloromethane	ND		1.00	1	10/11/2023 03:39	WG2148782
Chloroprene	ND		1.70	1	10/11/2023 03:39	WG2148782
Dibromochloromethane	ND	J4	1.00	1	10/11/2023 03:39	WG2148782
Dibromomethane	ND		1.00	1	10/11/2023 03:39	WG2148782
Dichlorodifluoromethane	ND		2.00	1	10/11/2023 03:39	WG2148782
Ethyl methacrylate	ND		3.00	1	10/11/2023 03:39	WG2148782
Ethylbenzene	ND		1.00	1	10/11/2023 03:39	WG2148782
Iodomethane	ND		1.00	1	10/11/2023 03:39	WG2148782
Isobutanol	ND		110	1	10/11/2023 03:39	WG2148782
Methacrylonitrile	ND		13.0	1	10/11/2023 03:39	WG2148782
Methyl methacrylate	ND		4.00	1	10/11/2023 03:39	WG2148782
Methylene Chloride	ND		1.07	1	10/11/2023 03:39	WG2148782
Propionitrile	ND		20.0	1	10/11/2023 03:39	WG2148782
Styrene	ND		1.00	1	10/11/2023 03:39	WG2148782
Tetrachloroethene	ND		1.00	1	10/11/2023 03:39	WG2148782
Toluene	ND		1.00	1	10/11/2023 03:39	WG2148782
Trichloroethene	ND		1.00	1	10/11/2023 03:39	WG2148782
Trichlorofluoromethane	ND		1.00	1	10/11/2023 03:39	WG2148782
Vinyl acetate	ND		5.00	1	10/11/2023 03:39	WG2148782
Vinyl chloride	ND		1.00	1	10/11/2023 03:39	WG2148782
Xylenes, Total	ND		1.00	1	10/11/2023 03:39	WG2148782
cis-1,2-Dichloroethene	ND		1.00	1	10/11/2023 03:39	WG2148782
cis-1,3-Dichloropropene	ND		1.00	1	10/11/2023 03:39	WG2148782
trans-1,2-Dichloroethene	ND		1.00	1	10/11/2023 03:39	WG2148782
trans-1,3-Dichloropropene	ND		1.00	1	10/11/2023 03:39	WG2148782
trans-1,4-Dichloro-2-butene	ND		1.00	1	10/11/2023 03:39	WG2148782
(S) Toluene-d8	*109*			*80.0-120*	*10/11/2023 03:39*	WG2148782
(S) 1,2-Dichloroethane-d4	*96.3*			*70.0-130*	*10/11/2023 03:39*	WG2148782
(S) 4-Bromofluorobenzene	*91.3*			*77.0-126*	*10/11/2023 03:39*	WG2148782

Chlorinated Acid Herbicides (GC) by Method 8151

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
2,4,5-T	ND	J3	1.00	1	10/10/2023 19:44	WG2145481
2,4,5-Tp (Silvex)	ND	J3	1.00	1	10/10/2023 19:44	WG2145481
2,4-D	ND	J3	4.00	1	10/10/2023 19:44	WG2145481
(S) 2,4-Dichlorophenyl Acetic Acid	*96.0*			*14.0-158*	*10/10/2023 19:44*	WG2145481

Pesticides (GC) by Method 8081

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
4,4-DDD	ND		0.0500	1	10/08/2023 23:28	WG2147257
4,4-DDE	ND		0.0500	1	10/08/2023 23:28	WG2147257
4,4-DDT	ND		0.0500	1	10/08/2023 23:28	WG2147257
Aldrin	ND		0.0500	1	10/08/2023 23:28	WG2147257
Alpha BHC	ND		0.0500	1	10/08/2023 23:28	WG2147257
Beta BHC	ND		0.500	1	10/08/2023 23:28	WG2147257
Chlordane	ND		0.500	1	10/08/2023 23:28	WG2147257
Delta BHC	ND		0.0500	1	10/08/2023 23:28	WG2147257
Dieldrin	ND		0.0500	1	10/08/2023 23:28	WG2147257
Endosulfan I	ND		0.0500	1	10/08/2023 23:28	WG2147257
Endosulfan II	ND		0.0500	1	10/08/2023 23:28	WG2147257
Endosulfan sulfate	ND		0.0500	1	10/08/2023 23:28	WG2147257
Endrin	ND		0.0500	1	10/08/2023 23:28	WG2147257

Pesticides (GC) by Method 8081

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
Endrin aldehyde	ND		0.0500	1	10/08/2023 23:28	WG2147257
Gamma BHC	ND		0.0500	1	10/08/2023 23:28	WG2147257
Heptachlor	ND		0.0500	1	10/08/2023 23:28	WG2147257
Heptachlor epoxide	ND		0.0500	1	10/08/2023 23:28	WG2147257
Methoxychlor	ND		0.100	1	10/08/2023 23:28	WG2147257
Toxaphene	ND		5.00	1	10/08/2023 23:28	WG2147257
(S) Decachlorobiphenyl	*57.0*			*10.0-128*	*10/08/2023 23:28*	WG2147257
(S) Tetrachloro-m-xylene	*64.1*			*10.0-127*	*10/08/2023 23:28*	WG2147257

Polychlorinated Biphenyls (GC) by Method 8082

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
PCB 1016	ND		1.00	1	10/08/2023 23:28	WG2147257
PCB 1221	ND		1.00	1	10/08/2023 23:28	WG2147257
PCB 1232	ND		1.00	1	10/08/2023 23:28	WG2147257
PCB 1242	ND		1.00	1	10/08/2023 23:28	WG2147257
PCB 1248	ND		1.00	1	10/08/2023 23:28	WG2147257
PCB 1254	ND		1.00	1	10/08/2023 23:28	WG2147257
PCB 1260	ND		1.00	1	10/08/2023 23:28	WG2147257
(S) Decachlorobiphenyl	*67.5*			*10.0-128*	*10/08/2023 23:28*	WG2147257
(S) Tetrachloro-m-xylene	*70.6*			*10.0-127*	*10/08/2023 23:28*	WG2147257

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
1,2,4,5-Tetrachlorobenzene	ND		10.0	1	10/12/2023 18:36	WG2148873
1,2,4-Trichlorobenzene	ND		10.0	1	10/12/2023 18:36	WG2148873
1,3,5-Trinitrobenzene	ND		50.0	1	10/13/2023 21:24	WG2148873
1,3-Dinitrobenzene	ND		10.0	1	10/13/2023 21:24	WG2148873
1,4-Naphthoquinone	ND	J4	50.0	1	10/13/2023 21:24	WG2148873
1-Naphthylamine	ND		10.0	1	10/13/2023 21:24	WG2148873
2,2-Oxybis(1-Chloropropane)	ND		10.0	1	10/12/2023 18:36	WG2148873
2,3,4,6-Tetrachlorophenol	ND		50.0	1	10/12/2023 18:36	WG2148873
2,4,5-Trichlorophenol	ND		10.0	1	10/12/2023 18:36	WG2148873
2,4,6-Trichlorophenol	ND		10.0	1	10/12/2023 18:36	WG2148873
2,4-Dichlorophenol	ND		10.0	1	10/12/2023 18:36	WG2148873
2,4-Dimethylphenol	ND		10.0	1	10/12/2023 18:36	WG2148873
2,4-Dinitrophenol	ND		50.0	1	10/12/2023 18:36	WG2148873
2,4-Dinitrotoluene	ND		10.0	1	10/12/2023 18:36	WG2148873
2,6-Dichlorophenol	ND		10.0	1	10/13/2023 21:24	WG2148873
2,6-Dinitrotoluene	ND		10.0	1	10/12/2023 18:36	WG2148873
2-Acetylaminofluorene	ND		100	1	10/13/2023 21:24	WG2148873
2-Chloronaphthalene	ND		10.0	1	10/12/2023 18:36	WG2148873
2-Chlorophenol	ND		10.0	1	10/12/2023 18:36	WG2148873
2-Methylnaphthalene	ND		10.0	1	10/12/2023 18:36	WG2148873
2-Methylphenol	ND		10.0	1	10/12/2023 18:36	WG2148873
2-Naphthylamine	ND		10.0	1	10/13/2023 21:24	WG2148873
2-Nitroaniline	ND		50.0	1	10/12/2023 18:36	WG2148873
2-Nitrophenol	ND		10.0	1	10/12/2023 18:36	WG2148873
3&4-Methyl Phenol	ND		10.0	1	10/12/2023 18:36	WG2148873
3,3-Dichlorobenzidine	ND		50.0	1	10/12/2023 18:36	WG2148873
3,3-Dimethylbenzidine	ND	J4	20.0	1	10/13/2023 21:24	WG2148873
3-Methylcholanthrene	ND		20.0	1	10/13/2023 21:24	WG2148873
3-Nitroaniline	ND		50.0	1	10/12/2023 18:36	WG2148873
4,6-Dinitro-2-methylphenol	ND		50.0	1	10/12/2023 18:36	WG2148873

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
4-Aminobiphenyl	ND		10.0	1	10/13/2023 21:24	WG2148873
4-Bromophenyl-phenylether	ND		50.0	1	10/12/2023 18:36	WG2148873
4-Chloro-3-methylphenol	ND		10.0	1	10/12/2023 18:36	WG2148873
4-Chloroaniline	ND		10.0	1	10/12/2023 18:36	WG2148873
4-Chlorophenyl-phenylether	ND		10.0	1	10/12/2023 18:36	WG2148873
4-Nitroaniline	ND		50.0	1	10/12/2023 18:36	WG2148873
4-Nitrophenol	ND		50.0	1	10/12/2023 18:36	WG2148873
5-Nitro-o-toluidine	ND		20.0	1	10/13/2023 21:24	WG2148873
Acenaphthene	ND		10.0	1	10/12/2023 18:36	WG2148873
Acenaphthylene	ND		10.0	1	10/12/2023 18:36	WG2148873
Acetophenone	ND		10.0	1	10/12/2023 18:36	WG2148873
Anthracene	ND		10.0	1	10/12/2023 18:36	WG2148873
Benzo(A)Anthracene	ND		10.0	1	10/12/2023 18:36	WG2148873
Benzo(a)pyrene	ND		10.0	1	10/12/2023 18:36	WG2148873
Benzo(b)fluoranthene	ND		10.0	1	10/12/2023 18:36	WG2148873
Benzo(g,h,i)perylene	ND		10.0	1	10/12/2023 18:36	WG2148873
Benzo(k)fluoranthene	ND		10.0	1	10/12/2023 18:36	WG2148873
Benzyl Alcohol	ND		10.0	1	10/12/2023 18:36	WG2148873
Benzylbutyl phthalate	ND		10.0	1	10/12/2023 18:36	WG2148873
Bis(2-Ethylhexyl)phthalate	ND		10.0	1	10/12/2023 18:36	WG2148873
Bis(2-chlorethoxy)methane	ND		10.0	1	10/12/2023 18:36	WG2148873
Bis(2-chloroethyl)ether	ND		10.0	1	10/12/2023 18:36	WG2148873
Chlorobenzilate	ND		10.0	1	10/13/2023 21:24	WG2148873
Chrysene	ND		10.0	1	10/12/2023 18:36	WG2148873
Di-n-butyl phthalate	ND		10.0	1	10/12/2023 18:36	WG2148873
Di-n-octyl phthalate	ND		10.0	1	10/12/2023 18:36	WG2148873
Diallate	ND		20.0	1	10/13/2023 21:24	WG2148873
Dibenz(a,h)anthracene	ND		20.0	1	10/12/2023 18:36	WG2148873
Dibenzofuran	ND		10.0	1	10/12/2023 18:36	WG2148873
Diethyl phthalate	ND		10.0	1	10/12/2023 18:36	WG2148873
Dimethoate	ND		20.0	1	10/13/2023 21:24	WG2148873
Dimethyl phthalate	ND		10.0	1	10/12/2023 18:36	WG2148873
Dimethylbenz (A) Anthracene	ND		20.0	1	10/13/2023 21:24	WG2148873
Dinoseb	ND		17.9	1	10/13/2023 21:24	WG2148873
Diphenylamine	ND		10.0	1	10/12/2023 18:36	WG2148873
Disulfoton	ND		50.0	1	10/13/2023 21:24	WG2148873
Ethyl methanesulfonate	ND		10.0	1	10/13/2023 21:24	WG2148873
Ethyl parathion	ND		50.0	1	10/13/2023 21:24	WG2148873
Famphur	ND		200	1	10/13/2023 21:24	WG2148873
Fluoranthene	ND		1.00	1	10/12/2023 18:36	WG2148873
Fluorene	ND		10.0	1	10/12/2023 18:36	WG2148873
Hexachloro-1,3-butadiene	ND		10.0	1	10/12/2023 18:36	WG2148873
Hexachlorobenzene	ND		10.0	1	10/12/2023 18:36	WG2148873
Hexachlorocyclopentadiene	ND		50.0	1	10/12/2023 18:36	WG2148873
Hexachloroethane	ND		10.0	1	10/12/2023 18:36	WG2148873
Hexachloropropene	ND		100	1	10/13/2023 21:24	WG2148873
Indeno(1,2,3-cd)pyrene	ND		10.0	1	10/12/2023 18:36	WG2148873
Isodrin	ND		10.0	1	10/13/2023 21:24	WG2148873
Isophorone	ND		10.0	1	10/12/2023 18:36	WG2148873
Isosafrole	ND		20.0	1	10/13/2023 21:24	WG2148873
Kepone	ND		1.88	1	10/13/2023 21:24	WG2148873
Methapyrilene	ND		50.0	1	10/13/2023 21:24	WG2148873
Methyl methanesulfonate	ND		50.0	1	10/13/2023 21:24	WG2148873
Methyl parathion	ND		10.0	1	10/13/2023 21:24	WG2148873
Naphthalene	ND		10.0	1	10/12/2023 18:36	WG2148873
Nitrobenzene	ND		10.0	1	10/12/2023 18:36	WG2148873

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
O,O,O-Triethyl Phosphorothioate	ND		50.0	1	10/13/2023 21:24	WG2148873
P-(Dimethylamino) Azobenzene	ND		20.0	1	10/13/2023 21:24	WG2148873
Pentachlorobenzene	ND		10.0	1	10/13/2023 21:24	WG2148873
Pentachloronitrobenzene	ND		50.0	1	10/13/2023 21:24	WG2148873
Pentachlorophenol	ND		50.0	1	10/12/2023 18:36	WG2148873
Phenacetin	ND		10.0	1	10/13/2023 21:24	WG2148873
Phenanthrene	ND		20.0	1	10/12/2023 18:36	WG2148873
Phenol	ND		10.0	1	10/12/2023 18:36	WG2148873
Phorate	ND		50.0	1	10/13/2023 21:24	WG2148873
Pronamide	ND		20.0	1	10/13/2023 21:24	WG2148873
Pyrene	ND		10.0	1	10/12/2023 18:36	WG2148873
Safrole	ND		50.0	1	10/13/2023 21:24	WG2148873
Thionazin	ND		10.0	1	10/13/2023 21:24	WG2148873
n-Nitrosodi-n-butylamine	ND		10.0	1	10/13/2023 21:24	WG2148873
n-Nitrosodi-n-propylamine	ND		10.0	1	10/12/2023 18:36	WG2148873
n-Nitrosodiethylamine	ND		10.0	1	10/13/2023 21:24	WG2148873
n-Nitrosodimethylamine	ND		10.0	1	10/12/2023 18:36	WG2148873
n-Nitrosodiphenylamine	ND		10.0	1	10/12/2023 18:36	WG2148873
n-Nitrosomethylethylamine	ND		10.0	1	10/13/2023 21:24	WG2148873
n-Nitrosopiperidine	ND		10.0	1	10/13/2023 21:24	WG2148873
n-Nitrosopyrrolidine	ND		10.0	1	10/13/2023 21:24	WG2148873
o-Toluidine	ND		10.0	1	10/13/2023 21:24	WG2148873
p-Phenylenediamine	ND	J4	387	1	10/13/2023 21:24	WG2148873
(S) Phenol-d5	*22.1*			*10.0-120*	*10/12/2023 18:36*	WG2148873
(S) 2,4,6-Tribromophenol	*48.4*			*10.0-155*	*10/12/2023 18:36*	WG2148873
(S) p-Terphenyl-d14	*72.4*			*10.0-128*	*10/12/2023 18:36*	WG2148873
(S) Nitrobenzene-d5	*65.6*			*10.0-127*	*10/12/2023 18:36*	WG2148873
(S) 2-Fluorobiphenyl	*60.3*			*10.0-130*	*10/12/2023 18:36*	WG2148873
(S) 2-Fluorophenol	*30.1*			*10.0-120*	*10/12/2023 18:36*	WG2148873

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units
pH (On Site)	6.47	su
Specific Conductance (on site)	1048	umhos/cm
Temperature (on-site)	17.5	Deg. C
Turbidity (on-site)	3.4	NTU
Dissolved Oxygen (on-site)	0.3	mg/l
eH/ORP (On Site)	-37	mV
Depth to water (DTW) (FROM TOC)	59.58	ft

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	510		10.0	1	10/11/2023 20:45	WG2149590

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	0.100		0.100	1	10/10/2023 15:52	WG2148271

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Sulfide	ND		4.00	1	10/07/2023 16:31	WG2147116

Wet Chemistry by Method 9012B

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Cyanide	ND		0.0100	1	10/11/2023 15:29	WG2148826

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	24.2		3.00	1	10/14/2023 00:50	WG2149890
Sulfate	ND		5.00	1	10/14/2023 00:50	WG2149890

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
TOC	1.09		1.00	1	10/12/2023 18:55	WG2149942

Mercury by Method 7470A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Mercury,Total Recoverable	ND		0.000200	1	10/14/2023 11:04	WG2147401

Metals (ICP) by Method 6010B

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Barium,Total Recoverable	0.0673		0.00500	1	10/15/2023 11:59	WG2150984
Iron, Total Recoverable	3.82		0.0600	1	10/13/2023 01:28	WG2149104
Lead, Total Recoverable	ND		0.00500	1	10/13/2023 01:28	WG2149104
Manganese,Total Recoverable	3.02		0.00300	1	10/13/2023 01:28	WG2149104
Selenium, Total Recoverable	ND		0.0100	1	10/13/2023 01:28	WG2149104

Metals (ICP) by Method 6010B

Analyte	Result mg/l	Qualifier	RL mg/l	Dilution	Analysis date / time	Batch
Silver, Total Recoverable	ND		0.0500	1	10/13/2023 01:28	WG2149104
Tin, Total Recoverable	ND		0.100	1	10/13/2023 01:28	WG2149104

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	RL mg/l	Dilution	Analysis date / time	Batch
Antimony, Total Recoverable	ND		0.00200	1	10/21/2023 15:56	WG2149123
Arsenic, Total Recoverable	ND		0.00500	1	10/21/2023 15:56	WG2149123
Beryllium, Total Recoverable	ND		0.00100	1	10/21/2023 15:56	WG2149123
Cadmium, Total Recoverable	ND		0.00100	1	10/21/2023 15:56	WG2149123
Chromium, Total Recoverable	ND		0.00300	1	10/21/2023 15:56	WG2149123
Cobalt,Total Recoverable	0.0351		0.00300	1	10/21/2023 15:56	WG2149123
Copper, Total Recoverable	ND		0.00400	1	10/21/2023 15:56	WG2149123
Nickel, Total Recoverable	0.0865		0.00400	1	10/21/2023 15:56	WG2149123
Thallium, Total Recoverable	ND		0.00100	1	10/21/2023 15:56	WG2149123
Vanadium,Total Recoverable	ND		0.00300	1	10/21/2023 15:56	WG2149123
Zinc, Total Recoverable	0.0996		0.00500	1	10/21/2023 15:56	WG2149123

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	ND		1.00	1	10/11/2023 04:00	WG2148782
1,1,1-Trichloroethane	ND		1.00	1	10/11/2023 04:00	WG2148782
1,1,2,2-Tetrachloroethane	ND		1.00	1	10/11/2023 04:00	WG2148782
1,1,2-Trichloroethane	ND	J4	1.00	1	10/11/2023 04:00	WG2148782
1,1-Dichloroethane	ND		1.00	1	10/11/2023 04:00	WG2148782
1,1-Dichloroethene	ND		1.00	1	10/11/2023 04:00	WG2148782
1,1-Dichloropropene	ND		1.00	1	10/11/2023 04:00	WG2148782
1,2,3-Trichloropropane	ND		1.00	1	10/11/2023 04:00	WG2148782
1,2-Dibromo-3-Chloropropane	ND		2.00	1	10/11/2023 04:00	WG2148782
1,2-Dibromoethane	ND		1.00	1	10/11/2023 04:00	WG2148782
1,2-Dichlorobenzene	ND		1.00	1	10/11/2023 04:00	WG2148782
1,2-Dichloroethane	ND		1.00	1	10/11/2023 04:00	WG2148782
1,2-Dichloropropane	ND		1.00	1	10/11/2023 04:00	WG2148782
1,3-Dichlorobenzene	ND		1.00	1	10/11/2023 04:00	WG2148782
1,3-Dichloropropane	ND		1.00	1	10/11/2023 04:00	WG2148782
1,4-Dichlorobenzene	1.88		1.00	1	10/11/2023 04:00	WG2148782
2,2-Dichloropropane	ND		5.00	1	10/11/2023 04:00	WG2148782
2-Butanone (MEK)	ND		5.00	1	10/11/2023 04:00	WG2148782
2-Hexanone	ND		5.00	1	10/11/2023 04:00	WG2148782
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/11/2023 04:00	WG2148782
Acetone	ND		11.3	1	10/11/2023 04:00	WG2148782
Acetonitrile	ND		30.0	1	10/11/2023 04:00	WG2148782
Acrolein	ND		20.0	1	10/11/2023 04:00	WG2148782
Acrylonitrile	ND		20.0	1	10/11/2023 04:00	WG2148782
Allyl chloride	ND		10.0	1	10/11/2023 04:00	WG2148782
Benzene	ND		1.00	1	10/11/2023 04:00	WG2148782
Bromochloromethane	ND		1.00	1	10/11/2023 04:00	WG2148782
Bromodichloromethane	ND		1.00	1	10/11/2023 04:00	WG2148782
Bromoform	ND		1.00	1	10/11/2023 04:00	WG2148782
Bromomethane	ND		1.00	1	10/11/2023 04:00	WG2148782
Carbon disulfide	ND		1.00	1	10/11/2023 04:00	WG2148782
Carbon tetrachloride	ND		1.00	1	10/11/2023 04:00	WG2148782
Chlorobenzene	ND		1.00	1	10/11/2023 04:00	WG2148782
Chloroethane	ND		1.00	1	10/11/2023 04:00	WG2148782

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
Chloroform	ND		1.00	1	10/11/2023 04:00	WG2148782
Chloromethane	ND		1.00	1	10/11/2023 04:00	WG2148782
Chloroprene	ND		1.70	1	10/11/2023 04:00	WG2148782
Dibromochloromethane	ND	J4	1.00	1	10/11/2023 04:00	WG2148782
Dibromomethane	ND		1.00	1	10/11/2023 04:00	WG2148782
Dichlorodifluoromethane	ND		2.00	1	10/11/2023 04:00	WG2148782
Ethyl methacrylate	ND		3.00	1	10/11/2023 04:00	WG2148782
Ethylbenzene	ND		1.00	1	10/11/2023 04:00	WG2148782
Iodomethane	ND		1.00	1	10/11/2023 04:00	WG2148782
Isobutanol	ND		110	1	10/11/2023 04:00	WG2148782
Methacrylonitrile	ND		13.0	1	10/11/2023 04:00	WG2148782
Methyl methacrylate	ND		4.00	1	10/11/2023 04:00	WG2148782
Methylene Chloride	ND		1.07	1	10/11/2023 04:00	WG2148782
Propionitrile	ND		20.0	1	10/11/2023 04:00	WG2148782
Styrene	ND		1.00	1	10/11/2023 04:00	WG2148782
Tetrachloroethene	ND		1.00	1	10/11/2023 04:00	WG2148782
Toluene	ND		1.00	1	10/11/2023 04:00	WG2148782
Trichloroethene	ND		1.00	1	10/11/2023 04:00	WG2148782
Trichlorofluoromethane	ND		1.00	1	10/11/2023 04:00	WG2148782
Vinyl acetate	ND		5.00	1	10/11/2023 04:00	WG2148782
Vinyl chloride	ND		1.00	1	10/11/2023 04:00	WG2148782
Xylenes, Total	ND		1.00	1	10/11/2023 04:00	WG2148782
cis-1,2-Dichloroethene	ND		1.00	1	10/11/2023 04:00	WG2148782
cis-1,3-Dichloropropene	ND		1.00	1	10/11/2023 04:00	WG2148782
trans-1,2-Dichloroethene	ND		1.00	1	10/11/2023 04:00	WG2148782
trans-1,3-Dichloropropene	ND		1.00	1	10/11/2023 04:00	WG2148782
trans-1,4-Dichloro-2-butene	ND		1.00	1	10/11/2023 04:00	WG2148782
(S) Toluene-d8	*107*			*80.0-120*	*10/11/2023 04:00*	WG2148782
(S) 1,2-Dichloroethane-d4	*95.6*			*70.0-130*	*10/11/2023 04:00*	WG2148782
(S) 4-Bromofluorobenzene	*93.4*			*77.0-126*	*10/11/2023 04:00*	WG2148782

Chlorinated Acid Herbicides (GC) by Method 8151

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
2,4,5-T	ND		1.00	1	10/12/2023 01:59	WG2147800
2,4,5-Tp (Silvex)	ND		1.00	1	10/12/2023 01:59	WG2147800
2,4-D	ND		4.00	1	10/12/2023 01:59	WG2147800
(S) 2,4-Dichlorophenyl Acetic Acid	*86.1*			*14.0-158*	*10/12/2023 01:59*	WG2147800

Pesticides (GC) by Method 8081

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
4,4-DDD	ND		0.0500	1	10/13/2023 01:51	WG2148878
4,4-DDE	ND		0.0500	1	10/13/2023 01:51	WG2148878
4,4-DDT	ND		0.0500	1	10/13/2023 01:51	WG2148878
Aldrin	ND		0.0500	1	10/13/2023 01:51	WG2148878
Alpha BHC	ND		0.0500	1	10/13/2023 01:51	WG2148878
Beta BHC	ND		0.500	1	10/13/2023 01:51	WG2148878
Chlordane	ND		0.500	1	10/13/2023 01:51	WG2148878
Delta BHC	ND		0.0500	1	10/13/2023 01:51	WG2148878
Dieldrin	ND		0.0500	1	10/13/2023 01:51	WG2148878
Endosulfan I	ND		0.0500	1	10/13/2023 01:51	WG2148878
Endosulfan II	ND		0.0500	1	10/13/2023 01:51	WG2148878
Endosulfan sulfate	ND		0.0500	1	10/13/2023 01:51	WG2148878
Endrin	ND		0.0500	1	10/13/2023 01:51	WG2148878

Pesticides (GC) by Method 8081

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
Endrin aldehyde	ND		0.0500	1	10/13/2023 01:51	WG2148878
Gamma BHC	ND		0.0500	1	10/13/2023 01:51	WG2148878
Heptachlor	ND		0.0500	1	10/13/2023 01:51	WG2148878
Heptachlor epoxide	ND		0.0500	1	10/13/2023 01:51	WG2148878
Methoxychlor	ND		0.100	1	10/13/2023 01:51	WG2148878
Toxaphene	ND		5.00	1	10/13/2023 01:51	WG2148878
(S) Decachlorobiphenyl	*23.8*			*10.0-128*	*10/13/2023 01:51*	WG2148878
(S) Tetrachloro-m-xylene	*59.1*			*10.0-127*	*10/13/2023 01:51*	WG2148878

Polychlorinated Biphenyls (GC) by Method 8082

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
PCB 1016	ND	J3	1.00	1	10/13/2023 01:51	WG2148878
PCB 1221	ND		1.00	1	10/13/2023 01:51	WG2148878
PCB 1232	ND		1.00	1	10/13/2023 01:51	WG2148878
PCB 1242	ND		1.00	1	10/13/2023 01:51	WG2148878
PCB 1248	ND		1.00	1	10/13/2023 01:51	WG2148878
PCB 1254	ND		1.00	1	10/13/2023 01:51	WG2148878
PCB 1260	ND	J3	1.00	1	10/13/2023 01:51	WG2148878
(S) Decachlorobiphenyl	*29.6*			*10.0-128*	*10/13/2023 01:51*	WG2148878
(S) Tetrachloro-m-xylene	*62.3*			*10.0-127*	*10/13/2023 01:51*	WG2148878

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
1,2,4,5-Tetrachlorobenzene	ND		10.0	1	10/12/2023 18:58	WG2148873
1,2,4-Trichlorobenzene	ND		10.0	1	10/12/2023 18:58	WG2148873
1,3,5-Trinitrobenzene	ND		50.0	1	10/13/2023 21:59	WG2148873
1,3-Dinitrobenzene	ND		10.0	1	10/13/2023 21:59	WG2148873
1,4-Naphthoquinone	ND	J4	50.0	1	10/13/2023 21:59	WG2148873
1-Naphthylamine	ND		10.0	1	10/13/2023 21:59	WG2148873
2,2-Oxybis(1-Chloropropane)	ND		10.0	1	10/12/2023 18:58	WG2148873
2,3,4,6-Tetrachlorophenol	ND		50.0	1	10/12/2023 18:58	WG2148873
2,4,5-Trichlorophenol	ND		10.0	1	10/12/2023 18:58	WG2148873
2,4,6-Trichlorophenol	ND		10.0	1	10/12/2023 18:58	WG2148873
2,4-Dichlorophenol	ND		10.0	1	10/12/2023 18:58	WG2148873
2,4-Dimethylphenol	ND		10.0	1	10/12/2023 18:58	WG2148873
2,4-Dinitrophenol	ND		50.0	1	10/12/2023 18:58	WG2148873
2,4-Dinitrotoluene	ND		10.0	1	10/12/2023 18:58	WG2148873
2,6-Dichlorophenol	ND		10.0	1	10/13/2023 21:59	WG2148873
2,6-Dinitrotoluene	ND		10.0	1	10/12/2023 18:58	WG2148873
2-Acetylaminofluorene	ND		100	1	10/13/2023 21:59	WG2148873
2-Chloronaphthalene	ND		10.0	1	10/12/2023 18:58	WG2148873
2-Chlorophenol	ND		10.0	1	10/12/2023 18:58	WG2148873
2-Methylnaphthalene	ND		10.0	1	10/12/2023 18:58	WG2148873
2-Methylphenol	ND		10.0	1	10/12/2023 18:58	WG2148873
2-Naphthylamine	ND		10.0	1	10/13/2023 21:59	WG2148873
2-Nitroaniline	ND		50.0	1	10/12/2023 18:58	WG2148873
2-Nitrophenol	ND		10.0	1	10/12/2023 18:58	WG2148873
3&4-Methyl Phenol	ND		10.0	1	10/12/2023 18:58	WG2148873
3,3-Dichlorobenzidine	ND		50.0	1	10/12/2023 18:58	WG2148873
3,3-Dimethylbenzidine	ND	J4	20.0	1	10/13/2023 21:59	WG2148873
3-Methylcholanthrene	ND		20.0	1	10/13/2023 21:59	WG2148873
3-Nitroaniline	ND		50.0	1	10/12/2023 18:58	WG2148873
4,6-Dinitro-2-methylphenol	ND		50.0	1	10/12/2023 18:58	WG2148873

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
4-Aminobiphenyl	ND		10.0	1	10/13/2023 21:59	WG2148873
4-Bromophenyl-phenylether	ND		50.0	1	10/12/2023 18:58	WG2148873
4-Chloro-3-methylphenol	ND		10.0	1	10/12/2023 18:58	WG2148873
4-Chloroaniline	ND		10.0	1	10/12/2023 18:58	WG2148873
4-Chlorophenyl-phenylether	ND		10.0	1	10/12/2023 18:58	WG2148873
4-Nitroaniline	ND		50.0	1	10/12/2023 18:58	WG2148873
4-Nitrophenol	ND		50.0	1	10/12/2023 18:58	WG2148873
5-Nitro-o-toluidine	ND		20.0	1	10/13/2023 21:59	WG2148873
Acenaphthene	ND		10.0	1	10/12/2023 18:58	WG2148873
Acenaphthylene	ND		10.0	1	10/12/2023 18:58	WG2148873
Acetophenone	ND		10.0	1	10/12/2023 18:58	WG2148873
Anthracene	ND		10.0	1	10/12/2023 18:58	WG2148873
Benzo(A)Anthracene	ND		10.0	1	10/12/2023 18:58	WG2148873
Benzo(a)pyrene	ND		10.0	1	10/12/2023 18:58	WG2148873
Benzo(b)fluoranthene	ND		10.0	1	10/12/2023 18:58	WG2148873
Benzo(g,h,i)perylene	ND		10.0	1	10/12/2023 18:58	WG2148873
Benzo(k)fluoranthene	ND		10.0	1	10/12/2023 18:58	WG2148873
Benzyl Alcohol	ND		10.0	1	10/12/2023 18:58	WG2148873
Benzylbutyl phthalate	ND		10.0	1	10/12/2023 18:58	WG2148873
Bis(2-Ethylhexyl)phthalate	ND		10.0	1	10/12/2023 18:58	WG2148873
Bis(2-chlorethoxy)methane	ND		10.0	1	10/12/2023 18:58	WG2148873
Bis(2-chloroethyl)ether	ND		10.0	1	10/12/2023 18:58	WG2148873
Chlorobenzilate	ND		10.0	1	10/13/2023 21:59	WG2148873
Chrysene	ND		10.0	1	10/12/2023 18:58	WG2148873
Di-n-butyl phthalate	ND		10.0	1	10/12/2023 18:58	WG2148873
Di-n-octyl phthalate	ND		10.0	1	10/12/2023 18:58	WG2148873
Diallate	ND		20.0	1	10/13/2023 21:59	WG2148873
Dibenz(a,h)anthracene	ND		20.0	1	10/12/2023 18:58	WG2148873
Dibenzofuran	ND		10.0	1	10/12/2023 18:58	WG2148873
Diethyl phthalate	ND		10.0	1	10/12/2023 18:58	WG2148873
Dimethoate	ND		20.0	1	10/13/2023 21:59	WG2148873
Dimethyl phthalate	ND		10.0	1	10/12/2023 18:58	WG2148873
Dimethylbenz (A) Anthracene	ND		20.0	1	10/13/2023 21:59	WG2148873
Dinoseb	ND		17.9	1	10/13/2023 21:59	WG2148873
Diphenylamine	ND		10.0	1	10/12/2023 18:58	WG2148873
Disulfoton	ND		50.0	1	10/13/2023 21:59	WG2148873
Ethyl methanesulfonate	ND		10.0	1	10/13/2023 21:59	WG2148873
Ethyl parathion	ND		50.0	1	10/13/2023 21:59	WG2148873
Famphur	ND		200	1	10/13/2023 21:59	WG2148873
Fluoranthene	ND		1.00	1	10/12/2023 18:58	WG2148873
Fluorene	ND		10.0	1	10/12/2023 18:58	WG2148873
Hexachloro-1,3-butadiene	ND		10.0	1	10/12/2023 18:58	WG2148873
Hexachlorobenzene	ND		10.0	1	10/12/2023 18:58	WG2148873
Hexachlorocyclopentadiene	ND		50.0	1	10/12/2023 18:58	WG2148873
Hexachloroethane	ND		10.0	1	10/12/2023 18:58	WG2148873
Hexachloropropene	ND		100	1	10/13/2023 21:59	WG2148873
Indeno(1,2,3-cd)pyrene	ND		10.0	1	10/12/2023 18:58	WG2148873
Isodrin	ND		10.0	1	10/13/2023 21:59	WG2148873
Isophorone	ND		10.0	1	10/12/2023 18:58	WG2148873
Isosafrole	ND		20.0	1	10/13/2023 21:59	WG2148873
Kepone	ND		1.88	1	10/13/2023 21:59	WG2148873
Methapyrilene	ND		50.0	1	10/13/2023 21:59	WG2148873
Methyl methanesulfonate	ND		50.0	1	10/13/2023 21:59	WG2148873
Methyl parathion	ND		10.0	1	10/13/2023 21:59	WG2148873
Naphthalene	ND		10.0	1	10/12/2023 18:58	WG2148873
Nitrobenzene	ND		10.0	1	10/12/2023 18:58	WG2148873

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
O,O,O-Triethyl Phosphorothioate	ND		50.0	1	10/13/2023 21:59	WG2148873
P-(Dimethylamino) Azobenzene	ND		20.0	1	10/13/2023 21:59	WG2148873
Pentachlorobenzene	ND		10.0	1	10/13/2023 21:59	WG2148873
Pentachloronitrobenzene	ND		50.0	1	10/13/2023 21:59	WG2148873
Pentachlorophenol	ND		50.0	1	10/12/2023 18:58	WG2148873
Phenacetin	ND		10.0	1	10/13/2023 21:59	WG2148873
Phenanthrene	ND		20.0	1	10/12/2023 18:58	WG2148873
Phenol	ND		10.0	1	10/12/2023 18:58	WG2148873
Phorate	ND		50.0	1	10/13/2023 21:59	WG2148873
Pronamide	ND		20.0	1	10/13/2023 21:59	WG2148873
Pyrene	ND		10.0	1	10/12/2023 18:58	WG2148873
Safrole	ND		50.0	1	10/13/2023 21:59	WG2148873
Thionazin	ND		10.0	1	10/13/2023 21:59	WG2148873
n-Nitrosodi-n-butylamine	ND		10.0	1	10/13/2023 21:59	WG2148873
n-Nitrosodi-n-propylamine	ND		10.0	1	10/12/2023 18:58	WG2148873
n-Nitrosodiethylamine	ND		10.0	1	10/13/2023 21:59	WG2148873
n-Nitrosodimethylamine	ND		10.0	1	10/12/2023 18:58	WG2148873
n-Nitrosodiphenylamine	ND		10.0	1	10/12/2023 18:58	WG2148873
n-Nitrosomethylethylamine	ND		10.0	1	10/13/2023 21:59	WG2148873
n-Nitrosopiperidine	ND		10.0	1	10/13/2023 21:59	WG2148873
n-Nitrosopyrrolidine	ND		10.0	1	10/13/2023 21:59	WG2148873
o-Toluidine	ND		10.0	1	10/13/2023 21:59	WG2148873
p-Phenylenediamine	ND	J4	387	1	10/13/2023 21:59	WG2148873
(S) Phenol-d5	*17.9*			*10.0-120*	*10/12/2023 18:58*	WG2148873
(S) 2,4,6-Tribromophenol	*44.5*			*10.0-155*	*10/12/2023 18:58*	WG2148873
(S) p-Terphenyl-d14	*64.4*			*10.0-128*	*10/12/2023 18:58*	WG2148873
(S) Nitrobenzene-d5	*55.4*			*10.0-127*	*10/12/2023 18:58*	WG2148873
(S) 2-Fluorobiphenyl	*56.9*			*10.0-130*	*10/12/2023 18:58*	WG2148873
(S) 2-Fluorophenol	*23.8*			*10.0-120*	*10/12/2023 18:58*	WG2148873

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units
pH (On Site)	6.86	su
Specific Conductance (on site)	750	umhos/cm
Temperature (on-site)	19.7	Deg. C
Turbidity (on-site)	2.9	NTU
Dissolved Oxygen (on-site)	3.8	mg/l
eH/ORP (On Site)	64.3	mV
Depth to water (DTW) (FROM TOC)	56.6	ft

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	ND		0.100	1	10/10/2023 15:53	WG2148271

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	5.64		3.00	1	10/14/2023 01:04	WG2149890

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units
pH (On Site)	6.91	su
Specific Conductance (on site)	746	umhos/cm
Temperature (on-site)	14.7	Deg. C
Turbidity (on-site)	2.8	NTU
Dissolved Oxygen (on-site)	1	mg/l
eH/ORP (On Site)	52.7	mV
Depth to water (DTW) (FROM TOC)	47.64	ft

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	337		10.0	1	10/15/2023 08:14	WG2150609

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	13.4		3.00	1	10/14/2023 01:18	WG2149890
Sulfate	ND		5.00	1	10/14/2023 01:18	WG2149890

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
TOC	ND		1.00	1	10/12/2023 20:17	WG2149942

Metals (ICP) by Method 6010B

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Silver, Total Recoverable	ND		0.0500	1	10/13/2023 01:31	WG2149104
Barium,Total Recoverable	0.0548		0.00500	1	10/15/2023 12:02	WG2150984
Iron, Total Recoverable	ND		0.0600	1	10/15/2023 12:02	WG2150984
Manganese,Total Recoverable	0.0124		0.00300	1	10/15/2023 12:02	WG2150984
Lead, Total Recoverable	ND		0.00500	1	10/13/2023 01:31	WG2149104
Selenium, Total Recoverable	ND		0.0100	1	10/13/2023 01:31	WG2149104

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Arsenic, Total Recoverable	ND		0.00500	1	10/21/2023 16:00	WG2149123
Beryllium, Total Recoverable	ND		0.00100	1	10/21/2023 16:00	WG2149123
Cadmium, Total Recoverable	ND		0.00100	1	10/21/2023 16:00	WG2149123
Cobalt,Total Recoverable	ND		0.00300	1	10/21/2023 16:00	WG2149123
Chromium, Total Recoverable	ND		0.00300	1	10/21/2023 16:00	WG2149123
Copper, Total Recoverable	ND		0.00400	1	10/21/2023 16:00	WG2149123
Nickel, Total Recoverable	ND		0.00400	1	10/21/2023 16:00	WG2149123
Antimony, Total Recoverable	ND		0.00200	1	10/21/2023 16:00	WG2149123
Thallium, Total Recoverable	ND		0.00100	1	10/21/2023 16:00	WG2149123
Vanadium,Total Recoverable	ND		0.00300	1	10/21/2023 16:00	WG2149123
Zinc, Total Recoverable	ND		0.00500	1	10/21/2023 16:00	WG2149123

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	ND		1.00	1	10/10/2023 06:05	WG2148115
1,1,1-Trichloroethane	ND		1.00	1	10/10/2023 06:05	WG2148115
1,1,2,2-Tetrachloroethane	ND		1.00	1	10/10/2023 06:05	WG2148115
1,1,2-Trichloroethane	ND		1.00	1	10/10/2023 06:05	WG2148115
1,1-Dichloroethane	ND		1.00	1	10/10/2023 06:05	WG2148115
1,1-Dichloroethene	ND		1.00	1	10/10/2023 06:05	WG2148115
1,2,3-Trichloropropane	ND		1.00	1	10/10/2023 06:05	WG2148115
1,2-Dibromo-3-Chloropropane	ND	J3	2.00	1	10/10/2023 06:05	WG2148115
1,2-Dibromoethane	ND		1.00	1	10/10/2023 06:05	WG2148115
1,2-Dichlorobenzene	ND		1.00	1	10/10/2023 06:05	WG2148115
1,2-Dichloroethane	ND		1.00	1	10/10/2023 06:05	WG2148115
1,2-Dichloropropane	ND		1.00	1	10/10/2023 06:05	WG2148115
1,4-Dichlorobenzene	ND		1.00	1	10/10/2023 06:05	WG2148115
2-Butanone (MEK)	ND	J3	5.00	1	10/10/2023 06:05	WG2148115
2-Hexanone	ND		5.00	1	10/10/2023 06:05	WG2148115
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/10/2023 06:05	WG2148115
Acetone	ND		10.0	1	10/10/2023 06:05	WG2148115
Acrylonitrile	ND		20.0	1	10/10/2023 06:05	WG2148115
Benzene	ND		1.00	1	10/10/2023 06:05	WG2148115
Bromochloromethane	ND		1.00	1	10/10/2023 06:05	WG2148115
Bromodichloromethane	ND		1.00	1	10/10/2023 06:05	WG2148115
Bromoform	ND		1.00	1	10/10/2023 06:05	WG2148115
Bromomethane	ND		1.00	1	10/10/2023 06:05	WG2148115
Carbon disulfide	ND		1.00	1	10/10/2023 06:05	WG2148115
Carbon tetrachloride	ND		1.00	1	10/10/2023 06:05	WG2148115
Chlorobenzene	ND		1.00	1	10/10/2023 06:05	WG2148115
Chloroethane	ND		1.00	1	10/10/2023 06:05	WG2148115
Chloroform	ND		1.00	1	10/10/2023 06:05	WG2148115
Chloromethane	ND		1.00	1	10/10/2023 06:05	WG2148115
Dibromochloromethane	ND		1.00	1	10/10/2023 06:05	WG2148115
Dibromomethane	ND		1.00	1	10/10/2023 06:05	WG2148115
Ethylbenzene	ND		1.00	1	10/10/2023 06:05	WG2148115
Iodomethane	ND		1.00	1	10/10/2023 06:05	WG2148115
Methylene Chloride	ND		1.07	1	10/10/2023 06:05	WG2148115
Styrene	ND		1.00	1	10/10/2023 06:05	WG2148115
Tetrachloroethene	ND		1.00	1	10/10/2023 06:05	WG2148115
Toluene	ND		1.00	1	10/10/2023 06:05	WG2148115
Trichloroethene	ND		1.00	1	10/10/2023 06:05	WG2148115
Trichlorofluoromethane	ND		1.00	1	10/10/2023 06:05	WG2148115
Vinyl acetate	ND		5.00	1	10/10/2023 06:05	WG2148115
Vinyl chloride	ND		1.00	1	10/10/2023 06:05	WG2148115
Xylenes, Total	ND		1.00	1	10/10/2023 06:05	WG2148115
cis-1,2-Dichloroethene	ND		1.00	1	10/10/2023 06:05	WG2148115
cis-1,3-Dichloropropene	ND		1.00	1	10/10/2023 06:05	WG2148115
trans-1,2-Dichloroethene	ND		1.00	1	10/10/2023 06:05	WG2148115
trans-1,3-Dichloropropene	ND		1.00	1	10/10/2023 06:05	WG2148115
trans-1,4-Dichloro-2-butene	ND		1.00	1	10/10/2023 06:05	WG2148115
(S) 1,2-Dichloroethane-d4	*118*			*70.0-130*	*10/10/2023 06:05*	WG2148115
(S) 4-Bromofluorobenzene	*105*			*77.0-126*	*10/10/2023 06:05*	WG2148115
(S) Toluene-d8	*97.1*			*80.0-120*	*10/10/2023 06:05*	WG2148115

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units
pH (On Site)	6.62	su
Specific Conductance (on site)	788	umhos/cm
Temperature (on-site)	15.2	Deg. C
Turbidity (on-site)	3.2	NTU
Dissolved Oxygen (on-site)	0.5	mg/l
eH/ORP (On Site)	110.5	mV
Depth to water (DTW) (FROM TOC)	43.88	ft

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	341		10.0	1	10/15/2023 08:14	WG2150609

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	7.18		3.00	1	10/14/2023 01:31	WG2149890
Sulfate	13.9		5.00	1	10/14/2023 01:31	WG2149890

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
TOC	ND		1.00	1	10/12/2023 20:34	WG2149942

Metals (ICP) by Method 6010B

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Silver, Total Recoverable	ND		0.0500	1	10/13/2023 01:34	WG2149104
Barium,Total Recoverable	0.0741		0.00500	1	10/13/2023 01:34	WG2149104
Iron, Total Recoverable	ND		0.0600	1	10/13/2023 01:34	WG2149104
Manganese,Total Recoverable	0.141		0.00300	1	10/15/2023 12:04	WG2150984
Lead, Total Recoverable	ND		0.00500	1	10/13/2023 01:34	WG2149104
Selenium, Total Recoverable	ND		0.0100	1	10/13/2023 01:34	WG2149104

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Arsenic, Total Recoverable	ND		0.00500	1	10/21/2023 16:03	WG2149123
Beryllium, Total Recoverable	ND		0.00100	1	10/21/2023 16:03	WG2149123
Cadmium, Total Recoverable	0.0107		0.00100	1	10/21/2023 16:03	WG2149123
Cobalt,Total Recoverable	ND		0.00300	1	10/21/2023 16:03	WG2149123
Chromium, Total Recoverable	ND		0.00300	1	10/21/2023 16:03	WG2149123
Copper, Total Recoverable	ND		0.00400	1	10/21/2023 16:03	WG2149123
Nickel, Total Recoverable	0.0122		0.00400	1	10/21/2023 16:03	WG2149123
Antimony, Total Recoverable	ND		0.00200	1	10/21/2023 16:03	WG2149123
Thallium, Total Recoverable	ND		0.00100	1	10/21/2023 16:03	WG2149123
Vanadium,Total Recoverable	ND		0.00300	1	10/21/2023 16:03	WG2149123
Zinc, Total Recoverable	0.0593		0.00500	1	10/21/2023 16:03	WG2149123

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	ND		1.00	1	10/10/2023 06:24	WG2148115
1,1,1-Trichloroethane	ND		1.00	1	10/10/2023 06:24	WG2148115
1,1,2,2-Tetrachloroethane	ND		1.00	1	10/10/2023 06:24	WG2148115
1,1,2-Trichloroethane	ND		1.00	1	10/10/2023 06:24	WG2148115
1,1-Dichloroethane	ND		1.00	1	10/10/2023 06:24	WG2148115
1,1-Dichloroethene	ND		1.00	1	10/10/2023 06:24	WG2148115
1,2,3-Trichloropropane	ND		1.00	1	10/10/2023 06:24	WG2148115
1,2-Dibromo-3-Chloropropane	ND	J3	2.00	1	10/10/2023 06:24	WG2148115
1,2-Dibromoethane	ND		1.00	1	10/10/2023 06:24	WG2148115
1,2-Dichlorobenzene	ND		1.00	1	10/10/2023 06:24	WG2148115
1,2-Dichloroethane	ND		1.00	1	10/10/2023 06:24	WG2148115
1,2-Dichloropropane	ND		1.00	1	10/10/2023 06:24	WG2148115
1,4-Dichlorobenzene	ND		1.00	1	10/10/2023 06:24	WG2148115
2-Butanone (MEK)	ND	J3	5.00	1	10/10/2023 06:24	WG2148115
2-Hexanone	ND		5.00	1	10/10/2023 06:24	WG2148115
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/10/2023 06:24	WG2148115
Acetone	ND		10.0	1	10/10/2023 06:24	WG2148115
Acrylonitrile	ND		20.0	1	10/10/2023 06:24	WG2148115
Benzene	ND		1.00	1	10/10/2023 06:24	WG2148115
Bromochloromethane	ND		1.00	1	10/10/2023 06:24	WG2148115
Bromodichloromethane	ND		1.00	1	10/10/2023 06:24	WG2148115
Bromoform	ND		1.00	1	10/10/2023 06:24	WG2148115
Bromomethane	ND		1.00	1	10/10/2023 06:24	WG2148115
Carbon disulfide	ND		1.00	1	10/10/2023 06:24	WG2148115
Carbon tetrachloride	ND		1.00	1	10/10/2023 06:24	WG2148115
Chlorobenzene	ND		1.00	1	10/10/2023 06:24	WG2148115
Chloroethane	ND		1.00	1	10/10/2023 06:24	WG2148115
Chloroform	ND		1.00	1	10/10/2023 06:24	WG2148115
Chloromethane	ND		1.00	1	10/10/2023 06:24	WG2148115
Dibromochloromethane	ND		1.00	1	10/10/2023 06:24	WG2148115
Dibromomethane	ND		1.00	1	10/10/2023 06:24	WG2148115
Ethylbenzene	ND		1.00	1	10/10/2023 06:24	WG2148115
Iodomethane	ND		1.00	1	10/10/2023 06:24	WG2148115
Methylene Chloride	ND		1.07	1	10/10/2023 06:24	WG2148115
Styrene	ND		1.00	1	10/10/2023 06:24	WG2148115
Tetrachloroethene	ND		1.00	1	10/10/2023 06:24	WG2148115
Toluene	ND		1.00	1	10/10/2023 06:24	WG2148115
Trichloroethene	ND		1.00	1	10/10/2023 06:24	WG2148115
Trichlorofluoromethane	ND		1.00	1	10/10/2023 06:24	WG2148115
Vinyl acetate	ND		5.00	1	10/10/2023 06:24	WG2148115
Vinyl chloride	ND		1.00	1	10/10/2023 06:24	WG2148115
Xylenes, Total	ND		1.00	1	10/10/2023 06:24	WG2148115
cis-1,2-Dichloroethene	ND		1.00	1	10/10/2023 06:24	WG2148115
cis-1,3-Dichloropropene	ND		1.00	1	10/10/2023 06:24	WG2148115
trans-1,2-Dichloroethene	ND		1.00	1	10/10/2023 06:24	WG2148115
trans-1,3-Dichloropropene	ND		1.00	1	10/10/2023 06:24	WG2148115
trans-1,4-Dichloro-2-butene	ND		1.00	1	10/10/2023 06:24	WG2148115
(S) 1,2-Dichloroethane-d4	*116*			*70.0-130*	*10/10/2023 06:24*	WG2148115
(S) 4-Bromofluorobenzene	*107*			*77.0-126*	*10/10/2023 06:24*	WG2148115
(S) Toluene-d8	*96.9*			*80.0-120*	*10/10/2023 06:24*	WG2148115

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units
pH (On Site)	6.41	su
Specific Conductance (on site)	642	umhos/cm
Temperature (on-site)	17.8	Deg. C
Turbidity (on-site)	3.7	NTU
Dissolved Oxygen (on-site)	0.3	mg/l
eH/ORP (On Site)	91.8	mV
Depth to water (DTW) (FROM TOC)	29.98	ft

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	251		10.0	1	10/11/2023 14:20	WG2149295

Wet Chemistry by Method 4500S2 D-2011

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Sulfide	ND		4.00	1	10/07/2023 16:31	WG2147116

Wet Chemistry by Method 9012B

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Cyanide	ND		0.0100	1	10/11/2023 15:30	WG2148826

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	30.5		3.00	1	10/14/2023 01:45	WG2149890
Sulfate	18.9		5.00	1	10/14/2023 01:45	WG2149890

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
TOC	1.46		1.00	1	10/12/2023 21:13	WG2149942

Mercury by Method 7470A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Mercury,Total Recoverable	ND		0.000200	1	10/14/2023 11:06	WG2147401

Metals (ICP) by Method 6010B

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Barium,Total Recoverable	0.137		0.00500	1	10/13/2023 01:37	WG2149104
Iron, Total Recoverable	ND		0.0600	1	10/13/2023 01:37	WG2149104
Lead, Total Recoverable	ND		0.00500	1	10/13/2023 01:37	WG2149104
Manganese,Total Recoverable	2.40		0.00300	1	10/13/2023 01:37	WG2149104
Selenium, Total Recoverable	ND		0.0100	1	10/13/2023 01:37	WG2149104
Silver, Total Recoverable	ND		0.0500	1	10/13/2023 01:37	WG2149104
Tin, Total Recoverable	ND		0.100	1	10/13/2023 01:37	WG2149104

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	RL mg/l	Dilution	Analysis date / time	Batch
Antimony, Total Recoverable	ND		0.00200	1	10/21/2023 16:06	WG2149123
Arsenic, Total Recoverable	ND		0.00500	1	10/21/2023 16:06	WG2149123
Beryllium, Total Recoverable	ND		0.00100	1	10/21/2023 16:06	WG2149123
Cadmium, Total Recoverable	0.00658		0.00100	1	10/21/2023 16:06	WG2149123
Chromium, Total Recoverable	ND		0.00300	1	10/21/2023 16:06	WG2149123
Cobalt,Total Recoverable	ND		0.00300	1	10/21/2023 16:06	WG2149123
Copper, Total Recoverable	ND		0.00400	1	10/21/2023 16:06	WG2149123
Nickel, Total Recoverable	0.0183		0.00400	1	10/21/2023 16:06	WG2149123
Thallium, Total Recoverable	ND		0.00100	1	10/21/2023 16:06	WG2149123
Vanadium,Total Recoverable	ND		0.00300	1	10/21/2023 16:06	WG2149123
Zinc, Total Recoverable	0.0107	J	0.00500	1	10/21/2023 16:06	WG2149123

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	ND		1.00	1	10/11/2023 04:21	WG2148782
1,1,1-Trichloroethane	ND		1.00	1	10/11/2023 04:21	WG2148782
1,1,2,2-Tetrachloroethane	ND		1.00	1	10/11/2023 04:21	WG2148782
1,1,2-Trichloroethane	ND	J4	1.00	1	10/11/2023 04:21	WG2148782
1,1-Dichloroethane	ND		1.00	1	10/11/2023 04:21	WG2148782
1,1-Dichloroethene	ND		1.00	1	10/11/2023 04:21	WG2148782
1,1-Dichloropropene	ND		1.00	1	10/11/2023 04:21	WG2148782
1,2,3-Trichloropropane	ND		1.00	1	10/11/2023 04:21	WG2148782
1,2-Dibromo-3-Chloropropane	ND		2.00	1	10/11/2023 04:21	WG2148782
1,2-Dibromoethane	ND		1.00	1	10/11/2023 04:21	WG2148782
1,2-Dichlorobenzene	ND		1.00	1	10/11/2023 04:21	WG2148782
1,2-Dichloroethane	ND		1.00	1	10/11/2023 04:21	WG2148782
1,2-Dichloropropane	ND		1.00	1	10/11/2023 04:21	WG2148782
1,3-Dichlorobenzene	ND		1.00	1	10/11/2023 04:21	WG2148782
1,3-Dichloropropane	ND		1.00	1	10/11/2023 04:21	WG2148782
1,4-Dichlorobenzene	ND		1.00	1	10/11/2023 04:21	WG2148782
2,2-Dichloropropane	ND		5.00	1	10/11/2023 04:21	WG2148782
2-Butanone (MEK)	ND		5.00	1	10/11/2023 04:21	WG2148782
2-Hexanone	ND		5.00	1	10/11/2023 04:21	WG2148782
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/11/2023 04:21	WG2148782
Acetone	ND		11.3	1	10/11/2023 04:21	WG2148782
Acetonitrile	ND		30.0	1	10/11/2023 04:21	WG2148782
Acrolein	ND		20.0	1	10/11/2023 04:21	WG2148782
Acrylonitrile	ND		20.0	1	10/11/2023 04:21	WG2148782
Allyl chloride	ND		10.0	1	10/11/2023 04:21	WG2148782
Benzene	ND		1.00	1	10/11/2023 04:21	WG2148782
Bromochloromethane	ND		1.00	1	10/11/2023 04:21	WG2148782
Bromodichloromethane	ND		1.00	1	10/11/2023 04:21	WG2148782
Bromoform	ND		1.00	1	10/11/2023 04:21	WG2148782
Bromomethane	ND		1.00	1	10/11/2023 04:21	WG2148782
Carbon disulfide	ND		1.00	1	10/11/2023 04:21	WG2148782
Carbon tetrachloride	ND		1.00	1	10/11/2023 04:21	WG2148782
Chlorobenzene	ND		1.00	1	10/11/2023 04:21	WG2148782
Chloroethane	ND		1.00	1	10/11/2023 04:21	WG2148782
Chloroform	ND		1.00	1	10/11/2023 04:21	WG2148782
Chloromethane	ND		1.00	1	10/11/2023 04:21	WG2148782
Chloroprene	ND		1.70	1	10/11/2023 04:21	WG2148782
Dibromochloromethane	ND	J4	1.00	1	10/11/2023 04:21	WG2148782
Dibromomethane	ND		1.00	1	10/11/2023 04:21	WG2148782
Dichlorodifluoromethane	ND		2.00	1	10/11/2023 04:21	WG2148782
Ethyl methacrylate	ND		3.00	1	10/11/2023 04:21	WG2148782

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Ethylbenzene	ND		1.00	1	10/11/2023 04:21	WG2148782
Iodomethane	ND		1.00	1	10/11/2023 04:21	WG2148782
Isobutanol	ND		110	1	10/11/2023 04:21	WG2148782
Methacrylonitrile	ND		13.0	1	10/11/2023 04:21	WG2148782
Methyl methacrylate	ND		4.00	1	10/11/2023 04:21	WG2148782
Methylene Chloride	ND		1.07	1	10/11/2023 04:21	WG2148782
Propionitrile	ND		20.0	1	10/11/2023 04:21	WG2148782
Styrene	ND		1.00	1	10/11/2023 04:21	WG2148782
Tetrachloroethene	ND		1.00	1	10/11/2023 04:21	WG2148782
Toluene	ND		1.00	1	10/11/2023 04:21	WG2148782
Trichloroethene	ND		1.00	1	10/11/2023 04:21	WG2148782
Trichlorofluoromethane	ND		1.00	1	10/11/2023 04:21	WG2148782
Vinyl acetate	ND		5.00	1	10/11/2023 04:21	WG2148782
Vinyl chloride	ND		1.00	1	10/11/2023 04:21	WG2148782
Xylenes, Total	ND		1.00	1	10/11/2023 04:21	WG2148782
cis-1,2-Dichloroethene	ND		1.00	1	10/11/2023 04:21	WG2148782
cis-1,3-Dichloropropene	ND		1.00	1	10/11/2023 04:21	WG2148782
trans-1,2-Dichloroethene	ND		1.00	1	10/11/2023 04:21	WG2148782
trans-1,3-Dichloropropene	ND		1.00	1	10/11/2023 04:21	WG2148782
trans-1,4-Dichloro-2-butene	ND		1.00	1	10/11/2023 04:21	WG2148782
(S) Toluene-d8	*108*			*80.0-120*	*10/11/2023 04:21*	WG2148782
(S) 1,2-Dichloroethane-d4	*96.1*			*70.0-130*	*10/11/2023 04:21*	WG2148782
(S) 4-Bromofluorobenzene	*92.2*			*77.0-126*	*10/11/2023 04:21*	WG2148782

Chlorinated Acid Herbicides (GC) by Method 8151

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
2,4,5-T	ND		1.00	1	10/12/2023 02:10	WG2147800
2,4,5-Tp (Silvex)	ND		1.00	1	10/12/2023 02:10	WG2147800
2,4-D	ND		4.00	1	10/12/2023 02:10	WG2147800
(S) 2,4-Dichlorophenyl Acetic Acid	*88.2*			*14.0-158*	*10/12/2023 02:10*	WG2147800

Pesticides (GC) by Method 8081

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
4,4-DDD	ND		0.0500	1	10/13/2023 02:00	WG2148878
4,4-DDE	ND		0.0500	1	10/13/2023 02:00	WG2148878
4,4-DDT	ND		0.0500	1	10/13/2023 02:00	WG2148878
Aldrin	ND		0.0500	1	10/13/2023 02:00	WG2148878
Alpha BHC	ND		0.0500	1	10/13/2023 02:00	WG2148878
Beta BHC	ND		0.500	1	10/13/2023 02:00	WG2148878
Chlordane	ND		0.500	1	10/13/2023 02:00	WG2148878
Delta BHC	ND		0.0500	1	10/13/2023 02:00	WG2148878
Dieldrin	ND		0.0500	1	10/13/2023 02:00	WG2148878
Endosulfan I	ND		0.0500	1	10/13/2023 02:00	WG2148878
Endosulfan II	ND		0.0500	1	10/13/2023 02:00	WG2148878
Endosulfan sulfate	ND		0.0500	1	10/13/2023 02:00	WG2148878
Endrin	ND		0.0500	1	10/13/2023 02:00	WG2148878
Endrin aldehyde	ND		0.0500	1	10/13/2023 02:00	WG2148878
Gamma BHC	ND		0.0500	1	10/13/2023 02:00	WG2148878
Heptachlor	ND		0.0500	1	10/13/2023 02:00	WG2148878
Heptachlor epoxide	ND		0.0500	1	10/13/2023 02:00	WG2148878
Methoxychlor	ND		0.100	1	10/13/2023 02:00	WG2148878
Toxaphene	ND		5.00	1	10/13/2023 02:00	WG2148878
(S) Decachlorobiphenyl	*37.9*			*10.0-128*	*10/13/2023 02:00*	WG2148878

Pesticides (GC) by Method 8081

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
(S) Tetrachloro-m-xylene	*66.8*			*10.0-127*	*10/13/2023 02:00*	WG2148878

Polychlorinated Biphenyls (GC) by Method 8082

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
PCB 1016	ND	J3	1.00	1	10/13/2023 02:00	WG2148878
PCB 1221	ND		1.00	1	10/13/2023 02:00	WG2148878
PCB 1232	ND		1.00	1	10/13/2023 02:00	WG2148878
PCB 1242	ND		1.00	1	10/13/2023 02:00	WG2148878
PCB 1248	ND		1.00	1	10/13/2023 02:00	WG2148878
PCB 1254	ND		1.00	1	10/13/2023 02:00	WG2148878
PCB 1260	ND	J3	1.00	1	10/13/2023 02:00	WG2148878
(S) Decachlorobiphenyl	*45.7*			*10.0-128*	*10/13/2023 02:00*	WG2148878
(S) Tetrachloro-m-xylene	*69.7*			*10.0-127*	*10/13/2023 02:00*	WG2148878

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
1,2,4,5-Tetrachlorobenzene	ND		10.0	1	10/12/2023 19:20	WG2148873
1,2,4-Trichlorobenzene	ND		10.0	1	10/12/2023 19:20	WG2148873
1,3,5-Trinitrobenzene	ND		50.0	1	10/13/2023 22:16	WG2148873
1,3-Dinitrobenzene	ND		10.0	1	10/13/2023 22:16	WG2148873
1,4-Naphthoquinone	ND	J4	50.0	1	10/13/2023 22:16	WG2148873
1-Naphthylamine	ND		10.0	1	10/13/2023 22:16	WG2148873
2,2-Oxybis(1-Chloropropane)	ND		10.0	1	10/12/2023 19:20	WG2148873
2,3,4,6-Tetrachlorophenol	ND		50.0	1	10/12/2023 19:20	WG2148873
2,4,5-Trichlorophenol	ND		10.0	1	10/12/2023 19:20	WG2148873
2,4,6-Trichlorophenol	ND		10.0	1	10/12/2023 19:20	WG2148873
2,4-Dichlorophenol	ND		10.0	1	10/12/2023 19:20	WG2148873
2,4-Dimethylphenol	ND		10.0	1	10/12/2023 19:20	WG2148873
2,4-Dinitrophenol	ND		50.0	1	10/12/2023 19:20	WG2148873
2,4-Dinitrotoluene	ND		10.0	1	10/12/2023 19:20	WG2148873
2,6-Dichlorophenol	ND		10.0	1	10/13/2023 22:16	WG2148873
2,6-Dinitrotoluene	ND		10.0	1	10/12/2023 19:20	WG2148873
2-Acetylaminofluorene	ND		100	1	10/13/2023 22:16	WG2148873
2-Chloronaphthalene	ND		10.0	1	10/12/2023 19:20	WG2148873
2-Chlorophenol	ND		10.0	1	10/12/2023 19:20	WG2148873
2-Methylnaphthalene	ND		10.0	1	10/12/2023 19:20	WG2148873
2-Methylphenol	ND		10.0	1	10/12/2023 19:20	WG2148873
2-Naphthylamine	ND		10.0	1	10/13/2023 22:16	WG2148873
2-Nitroaniline	ND		50.0	1	10/12/2023 19:20	WG2148873
2-Nitrophenol	ND		10.0	1	10/12/2023 19:20	WG2148873
3&4-Methyl Phenol	ND		10.0	1	10/12/2023 19:20	WG2148873
3,3-Dichlorobenzidine	ND		50.0	1	10/12/2023 19:20	WG2148873
3,3-Dimethylbenzidine	ND	J4	20.0	1	10/13/2023 22:16	WG2148873
3-Methylcholanthrene	ND		20.0	1	10/13/2023 22:16	WG2148873
3-Nitroaniline	ND		50.0	1	10/12/2023 19:20	WG2148873
4,6-Dinitro-2-methylphenol	ND		50.0	1	10/12/2023 19:20	WG2148873
4-Aminobiphenyl	ND		10.0	1	10/13/2023 22:16	WG2148873
4-Bromophenyl-phenylether	ND		50.0	1	10/12/2023 19:20	WG2148873
4-Chloro-3-methylphenol	ND		10.0	1	10/12/2023 19:20	WG2148873
4-Chloroaniline	ND		10.0	1	10/12/2023 19:20	WG2148873
4-Chlorophenyl-phenylether	ND		10.0	1	10/12/2023 19:20	WG2148873
4-Nitroaniline	ND		50.0	1	10/12/2023 19:20	WG2148873
4-Nitrophenol	ND		50.0	1	10/12/2023 19:20	WG2148873

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
5-Nitro-o-toluidine	ND		20.0	1	10/13/2023 22:16	WG2148873
Acenaphthene	ND		10.0	1	10/12/2023 19:20	WG2148873
Acenaphthylene	ND		10.0	1	10/12/2023 19:20	WG2148873
Acetophenone	ND		10.0	1	10/12/2023 19:20	WG2148873
Anthracene	ND		10.0	1	10/12/2023 19:20	WG2148873
Benzo(A)Anthracene	ND		10.0	1	10/12/2023 19:20	WG2148873
Benzo(a)pyrene	ND		10.0	1	10/12/2023 19:20	WG2148873
Benzo(b)fluoranthene	ND		10.0	1	10/12/2023 19:20	WG2148873
Benzo(g,h,i)perylene	ND		10.0	1	10/12/2023 19:20	WG2148873
Benzo(k)fluoranthene	ND		10.0	1	10/12/2023 19:20	WG2148873
Benzyl Alcohol	ND		10.0	1	10/12/2023 19:20	WG2148873
Benzylbutyl phthalate	ND		10.0	1	10/12/2023 19:20	WG2148873
Bis(2-Ethylhexyl)phthalate	ND		10.0	1	10/12/2023 19:20	WG2148873
Bis(2-chlorethoxy)methane	ND		10.0	1	10/12/2023 19:20	WG2148873
Bis(2-chloroethyl)ether	ND		10.0	1	10/12/2023 19:20	WG2148873
Chlorobenzilate	ND		10.0	1	10/13/2023 22:16	WG2148873
Chrysene	ND		10.0	1	10/12/2023 19:20	WG2148873
Di-n-butyl phthalate	ND		10.0	1	10/12/2023 19:20	WG2148873
Di-n-octyl phthalate	ND		10.0	1	10/12/2023 19:20	WG2148873
Diallate	ND		20.0	1	10/13/2023 22:16	WG2148873
Dibenz(a,h)anthracene	ND		20.0	1	10/12/2023 19:20	WG2148873
Dibenzofuran	ND		10.0	1	10/12/2023 19:20	WG2148873
Diethyl phthalate	ND		10.0	1	10/12/2023 19:20	WG2148873
Dimethoate	ND		20.0	1	10/13/2023 22:16	WG2148873
Dimethyl phthalate	ND		10.0	1	10/12/2023 19:20	WG2148873
Dimethylbenz (A) Anthracene	ND		20.0	1	10/13/2023 22:16	WG2148873
Dinoseb	ND		17.9	1	10/13/2023 22:16	WG2148873
Diphenylamine	ND		10.0	1	10/12/2023 19:20	WG2148873
Disulfoton	ND		50.0	1	10/13/2023 22:16	WG2148873
Ethyl methanesulfonate	ND		10.0	1	10/13/2023 22:16	WG2148873
Ethyl parathion	ND		50.0	1	10/13/2023 22:16	WG2148873
Famphur	ND		200	1	10/13/2023 22:16	WG2148873
Fluoranthene	ND		1.00	1	10/12/2023 19:20	WG2148873
Fluorene	ND		10.0	1	10/12/2023 19:20	WG2148873
Hexachloro-1,3-butadiene	ND		10.0	1	10/12/2023 19:20	WG2148873
Hexachlorobenzene	ND		10.0	1	10/12/2023 19:20	WG2148873
Hexachlorocyclopentadiene	ND		50.0	1	10/12/2023 19:20	WG2148873
Hexachloroethane	ND		10.0	1	10/12/2023 19:20	WG2148873
Hexachloropropene	ND		100	1	10/13/2023 22:16	WG2148873
Indeno(1,2,3-cd)pyrene	ND		10.0	1	10/12/2023 19:20	WG2148873
Isodrin	ND		10.0	1	10/13/2023 22:16	WG2148873
Isophorone	ND		10.0	1	10/12/2023 19:20	WG2148873
Isosafrole	ND		20.0	1	10/13/2023 22:16	WG2148873
Kepone	ND		1.88	1	10/13/2023 22:16	WG2148873
Methapyrilene	ND		50.0	1	10/13/2023 22:16	WG2148873
Methyl methanesulfonate	ND		50.0	1	10/13/2023 22:16	WG2148873
Methyl parathion	ND		10.0	1	10/13/2023 22:16	WG2148873
Naphthalene	ND		10.0	1	10/12/2023 19:20	WG2148873
Nitrobenzene	ND		10.0	1	10/12/2023 19:20	WG2148873
O,O,O-Triethyl Phosphorothioate	ND		50.0	1	10/13/2023 22:16	WG2148873
P-(Dimethylamino) Azobenzene	ND		20.0	1	10/13/2023 22:16	WG2148873
Pentachlorobenzene	ND		10.0	1	10/13/2023 22:16	WG2148873
Pentachloronitrobenzene	ND		50.0	1	10/13/2023 22:16	WG2148873
Pentachlorophenol	ND		50.0	1	10/12/2023 19:20	WG2148873
Phenacetin	ND		10.0	1	10/13/2023 22:16	WG2148873
Phenanthrene	ND		20.0	1	10/12/2023 19:20	WG2148873

Semi Volatile Organic Compounds (GC/MS) by Method 8270C

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
Phenol	ND		10.0	1	10/12/2023 19:20	WG2148873
Phorate	ND		50.0	1	10/13/2023 22:16	WG2148873
Pronamide	ND		20.0	1	10/13/2023 22:16	WG2148873
Pyrene	ND		10.0	1	10/12/2023 19:20	WG2148873
Safrole	ND		50.0	1	10/13/2023 22:16	WG2148873
Thionazin	ND		10.0	1	10/13/2023 22:16	WG2148873
n-Nitrosodi-n-butylamine	ND		10.0	1	10/13/2023 22:16	WG2148873
n-Nitrosodi-n-propylamine	ND		10.0	1	10/12/2023 19:20	WG2148873
n-Nitrosodiethylamine	ND		10.0	1	10/13/2023 22:16	WG2148873
n-Nitrosodimethylamine	ND		10.0	1	10/12/2023 19:20	WG2148873
n-Nitrosodiphenylamine	ND		10.0	1	10/12/2023 19:20	WG2148873
n-Nitrosomethylethylamine	ND		10.0	1	10/13/2023 22:16	WG2148873
n-Nitrosopiperidine	ND		10.0	1	10/13/2023 22:16	WG2148873
n-Nitrosopyrrolidine	ND		10.0	1	10/13/2023 22:16	WG2148873
o-Toluidine	ND		10.0	1	10/13/2023 22:16	WG2148873
p-Phenylenediamine	ND	J4	387	1	10/13/2023 22:16	WG2148873
(S) Phenol-d5	*19.5*			*10.0-120*	*10/12/2023 19:20*	WG2148873
(S) 2,4,6-Tribromophenol	*34.0*			*10.0-155*	*10/12/2023 19:20*	WG2148873
(S) p-Terphenyl-d14	*57.7*			*10.0-128*	*10/12/2023 19:20*	WG2148873
(S) Nitrobenzene-d5	*59.2*			*10.0-127*	*10/12/2023 19:20*	WG2148873
(S) 2-Fluorobiphenyl	*57.8*			*10.0-130*	*10/12/2023 19:20*	WG2148873
(S) 2-Fluorophenol	*26.1*			*10.0-120*	*10/12/2023 19:20*	WG2148873

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units
pH (On Site)	5.93	su
Specific Conductance (on site)	580	umhos/cm
Temperature (on-site)	16.1	Deg. C
Turbidity (on-site)	8.1	NTU
Dissolved Oxygen (on-site)	0.3	mg/l
eH/ORP (On Site)	26.9	mV
Depth to water (DTW) (FROM TOC)	23.79	ft

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	239		10.0	1	10/13/2023 16:42	WG2150608

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	27.1		3.00	1	10/14/2023 01:59	WG2149890
Sulfate	22.2		5.00	1	10/14/2023 01:59	WG2149890

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
TOC	2.89		1.00	1	10/12/2023 21:32	WG2149942

Metals (ICP) by Method 6010B

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Silver, Total Recoverable	ND		0.0500	1	10/13/2023 01:40	WG2149104
Barium,Total Recoverable	0.294		0.00500	1	10/13/2023 01:40	WG2149104
Iron, Total Recoverable	4.91		0.0600	1	10/13/2023 01:40	WG2149104
Manganese,Total Recoverable	11.1		0.00300	1	10/13/2023 01:40	WG2149104
Lead, Total Recoverable	ND		0.00500	1	10/13/2023 01:40	WG2149104
Selenium, Total Recoverable	ND		0.0100	1	10/13/2023 01:40	WG2149104

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Arsenic, Total Recoverable	ND		0.00500	1	10/21/2023 16:10	WG2149123
Beryllium, Total Recoverable	ND		0.00100	1	10/21/2023 16:10	WG2149123
Cadmium, Total Recoverable	0.00323		0.00100	1	10/21/2023 16:10	WG2149123
Cobalt,Total Recoverable	0.0186		0.00300	1	10/21/2023 16:10	WG2149123
Chromium, Total Recoverable	ND		0.00300	1	10/21/2023 16:10	WG2149123
Copper, Total Recoverable	ND		0.00400	1	10/21/2023 16:10	WG2149123
Nickel, Total Recoverable	0.0469		0.00400	1	10/21/2023 16:10	WG2149123
Antimony, Total Recoverable	ND		0.00200	1	10/21/2023 16:10	WG2149123
Thallium, Total Recoverable	ND		0.00100	1	10/21/2023 16:10	WG2149123
Vanadium,Total Recoverable	ND		0.00300	1	10/21/2023 16:10	WG2149123
Zinc, Total Recoverable	0.0734		0.00500	1	10/21/2023 16:10	WG2149123

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	ND		1.00	1	10/10/2023 06:43	WG2148115
1,1,1-Trichloroethane	ND		1.00	1	10/10/2023 06:43	WG2148115
1,1,2,2-Tetrachloroethane	ND		1.00	1	10/10/2023 06:43	WG2148115
1,1,2-Trichloroethane	ND		1.00	1	10/10/2023 06:43	WG2148115
1,1-Dichloroethane	ND		1.00	1	10/10/2023 06:43	WG2148115
1,1-Dichloroethene	ND		1.00	1	10/10/2023 06:43	WG2148115
1,2,3-Trichloropropane	ND		1.00	1	10/10/2023 06:43	WG2148115
1,2-Dibromo-3-Chloropropane	ND	J3	2.00	1	10/10/2023 06:43	WG2148115
1,2-Dibromoethane	ND		1.00	1	10/10/2023 06:43	WG2148115
1,2-Dichlorobenzene	ND		1.00	1	10/10/2023 06:43	WG2148115
1,2-Dichloroethane	ND		1.00	1	10/10/2023 06:43	WG2148115
1,2-Dichloropropane	ND		1.00	1	10/10/2023 06:43	WG2148115
1,4-Dichlorobenzene	ND		1.00	1	10/10/2023 06:43	WG2148115
2-Butanone (MEK)	ND	J3	5.00	1	10/10/2023 06:43	WG2148115
2-Hexanone	ND		5.00	1	10/10/2023 06:43	WG2148115
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/10/2023 06:43	WG2148115
Acetone	ND		10.0	1	10/10/2023 06:43	WG2148115
Acrylonitrile	ND		20.0	1	10/10/2023 06:43	WG2148115
Benzene	ND		1.00	1	10/10/2023 06:43	WG2148115
Bromochloromethane	ND		1.00	1	10/10/2023 06:43	WG2148115
Bromodichloromethane	ND		1.00	1	10/10/2023 06:43	WG2148115
Bromoform	ND		1.00	1	10/10/2023 06:43	WG2148115
Bromomethane	ND		1.00	1	10/10/2023 06:43	WG2148115
Carbon disulfide	ND		1.00	1	10/10/2023 06:43	WG2148115
Carbon tetrachloride	ND		1.00	1	10/10/2023 06:43	WG2148115
Chlorobenzene	ND		1.00	1	10/10/2023 06:43	WG2148115
Chloroethane	ND		1.00	1	10/10/2023 06:43	WG2148115
Chloroform	ND		1.00	1	10/10/2023 06:43	WG2148115
Chloromethane	ND		1.00	1	10/10/2023 06:43	WG2148115
Dibromochloromethane	ND		1.00	1	10/10/2023 06:43	WG2148115
Dibromomethane	ND		1.00	1	10/10/2023 06:43	WG2148115
Ethylbenzene	ND		1.00	1	10/10/2023 06:43	WG2148115
Iodomethane	ND		1.00	1	10/10/2023 06:43	WG2148115
Methylene Chloride	ND		1.07	1	10/10/2023 06:43	WG2148115
Styrene	ND		1.00	1	10/10/2023 06:43	WG2148115
Tetrachloroethene	ND		1.00	1	10/10/2023 06:43	WG2148115
Toluene	ND		1.00	1	10/10/2023 06:43	WG2148115
Trichloroethene	ND		1.00	1	10/10/2023 06:43	WG2148115
Trichlorofluoromethane	ND		1.00	1	10/10/2023 06:43	WG2148115
Vinyl acetate	ND		5.00	1	10/10/2023 06:43	WG2148115
Vinyl chloride	ND		1.00	1	10/10/2023 06:43	WG2148115
Xylenes, Total	ND		1.00	1	10/10/2023 06:43	WG2148115
cis-1,2-Dichloroethene	ND		1.00	1	10/10/2023 06:43	WG2148115
cis-1,3-Dichloropropene	ND		1.00	1	10/10/2023 06:43	WG2148115
trans-1,2-Dichloroethene	ND		1.00	1	10/10/2023 06:43	WG2148115
trans-1,3-Dichloropropene	ND		1.00	1	10/10/2023 06:43	WG2148115
trans-1,4-Dichloro-2-butene	ND		1.00	1	10/10/2023 06:43	WG2148115
(S) 1,2-Dichloroethane-d4	*116*			*70.0-130*	*10/10/2023 06:43*	WG2148115
(S) 4-Bromofluorobenzene	*107*			*77.0-126*	*10/10/2023 06:43*	WG2148115
(S) Toluene-d8	*95.5*			*80.0-120*	*10/10/2023 06:43*	WG2148115

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units
pH (On Site)	6.32	su
Specific Conductance (on site)	851	umhos/cm
Temperature (on-site)	16.2	Deg. C
Turbidity (on-site)	2.8	NTU
Dissolved Oxygen (on-site)	0.3	mg/l
eH/ORP (On Site)	108	mV
Depth to water (DTW) (FROM TOC)	9.65	ft

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	349		10.0	1	10/15/2023 08:14	WG2150609

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	27.0		3.00	1	10/14/2023 02:40	WG2149890
Sulfate	ND		5.00	1	10/14/2023 02:40	WG2149890

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
TOC	ND		1.00	1	10/12/2023 21:52	WG2149942

Metals (ICP) by Method 6010B

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Silver, Total Recoverable	ND		0.0500	1	10/13/2023 01:43	WG2149104
Barium,Total Recoverable	0.0974		0.00500	1	10/13/2023 01:43	WG2149104
Iron, Total Recoverable	ND		0.0600	1	10/13/2023 01:43	WG2149104
Manganese,Total Recoverable	2.61		0.00300	1	10/13/2023 01:43	WG2149104
Lead, Total Recoverable	ND		0.00500	1	10/13/2023 01:43	WG2149104
Selenium, Total Recoverable	ND		0.0100	1	10/13/2023 01:43	WG2149104

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Arsenic, Total Recoverable	ND		0.00500	1	10/21/2023 16:13	WG2149123
Beryllium, Total Recoverable	ND		0.00100	1	10/21/2023 16:13	WG2149123
Cadmium, Total Recoverable	0.0116		0.00100	1	10/21/2023 16:13	WG2149123
Cobalt,Total Recoverable	ND		0.00300	1	10/21/2023 16:13	WG2149123
Chromium, Total Recoverable	ND		0.00300	1	10/21/2023 16:13	WG2149123
Copper, Total Recoverable	ND		0.00400	1	10/21/2023 16:13	WG2149123
Nickel, Total Recoverable	0.0450		0.00400	1	10/21/2023 16:13	WG2149123
Antimony, Total Recoverable	ND		0.00200	1	10/21/2023 16:13	WG2149123
Thallium, Total Recoverable	ND		0.00100	1	10/21/2023 16:13	WG2149123
Vanadium,Total Recoverable	ND		0.00300	1	10/21/2023 16:13	WG2149123
Zinc, Total Recoverable	0.0678		0.00500	1	10/21/2023 16:13	WG2149123

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	ND		1.00	1	10/10/2023 07:02	WG2148115
1,1,1-Trichloroethane	ND		1.00	1	10/10/2023 07:02	WG2148115
1,1,2,2-Tetrachloroethane	ND		1.00	1	10/10/2023 07:02	WG2148115
1,1,2-Trichloroethane	ND		1.00	1	10/10/2023 07:02	WG2148115
1,1-Dichloroethane	ND		1.00	1	10/10/2023 07:02	WG2148115
1,1-Dichloroethene	ND		1.00	1	10/10/2023 07:02	WG2148115
1,2,3-Trichloropropane	ND		1.00	1	10/10/2023 07:02	WG2148115
1,2-Dibromo-3-Chloropropane	ND	J3	2.00	1	10/10/2023 07:02	WG2148115
1,2-Dibromoethane	ND		1.00	1	10/10/2023 07:02	WG2148115
1,2-Dichlorobenzene	ND		1.00	1	10/10/2023 07:02	WG2148115
1,2-Dichloroethane	ND		1.00	1	10/10/2023 07:02	WG2148115
1,2-Dichloropropane	ND		1.00	1	10/10/2023 07:02	WG2148115
1,4-Dichlorobenzene	ND		1.00	1	10/10/2023 07:02	WG2148115
2-Butanone (MEK)	ND	J3	5.00	1	10/10/2023 07:02	WG2148115
2-Hexanone	ND		5.00	1	10/10/2023 07:02	WG2148115
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/10/2023 07:02	WG2148115
Acetone	ND		10.0	1	10/10/2023 07:02	WG2148115
Acrylonitrile	ND		20.0	1	10/10/2023 07:02	WG2148115
Benzene	ND		1.00	1	10/10/2023 07:02	WG2148115
Bromochloromethane	ND		1.00	1	10/10/2023 07:02	WG2148115
Bromodichloromethane	ND		1.00	1	10/10/2023 07:02	WG2148115
Bromoform	ND		1.00	1	10/10/2023 07:02	WG2148115
Bromomethane	ND		1.00	1	10/10/2023 07:02	WG2148115
Carbon disulfide	ND		1.00	1	10/10/2023 07:02	WG2148115
Carbon tetrachloride	ND		1.00	1	10/10/2023 07:02	WG2148115
Chlorobenzene	ND		1.00	1	10/10/2023 07:02	WG2148115
Chloroethane	ND		1.00	1	10/10/2023 07:02	WG2148115
Chloroform	ND		1.00	1	10/10/2023 07:02	WG2148115
Chloromethane	ND		1.00	1	10/10/2023 07:02	WG2148115
Dibromochloromethane	ND		1.00	1	10/10/2023 07:02	WG2148115
Dibromomethane	ND		1.00	1	10/10/2023 07:02	WG2148115
Ethylbenzene	ND		1.00	1	10/10/2023 07:02	WG2148115
Iodomethane	ND		1.00	1	10/10/2023 07:02	WG2148115
Methylene Chloride	ND		1.07	1	10/10/2023 07:02	WG2148115
Styrene	ND		1.00	1	10/10/2023 07:02	WG2148115
Tetrachloroethene	ND		1.00	1	10/10/2023 07:02	WG2148115
Toluene	ND		1.00	1	10/10/2023 07:02	WG2148115
Trichloroethene	ND		1.00	1	10/10/2023 07:02	WG2148115
Trichlorofluoromethane	ND		1.00	1	10/10/2023 07:02	WG2148115
Vinyl acetate	ND		5.00	1	10/10/2023 07:02	WG2148115
Vinyl chloride	ND		1.00	1	10/10/2023 07:02	WG2148115
Xylenes, Total	ND		1.00	1	10/10/2023 07:02	WG2148115
cis-1,2-Dichloroethene	ND		1.00	1	10/10/2023 07:02	WG2148115
cis-1,3-Dichloropropene	ND		1.00	1	10/10/2023 07:02	WG2148115
trans-1,2-Dichloroethene	ND		1.00	1	10/10/2023 07:02	WG2148115
trans-1,3-Dichloropropene	ND		1.00	1	10/10/2023 07:02	WG2148115
trans-1,4-Dichloro-2-butene	ND		1.00	1	10/10/2023 07:02	WG2148115
(S) 1,2-Dichloroethane-d4	*115*			*70.0-130*	*10/10/2023 07:02*	WG2148115
(S) 4-Bromofluorobenzene	*107*			*77.0-126*	*10/10/2023 07:02*	WG2148115
(S) Toluene-d8	*94.8*			*80.0-120*	*10/10/2023 07:02*	WG2148115

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
1,1,1,2-Tetrachloroethane	ND		1.00	1	10/11/2023 02:17	WG2148782
1,1,1-Trichloroethane	ND		1.00	1	10/11/2023 02:17	WG2148782
1,1,2,2-Tetrachloroethane	ND		1.00	1	10/11/2023 02:17	WG2148782
1,1,2-Trichloroethane	ND	J4	1.00	1	10/11/2023 02:17	WG2148782
1,1-Dichloroethane	ND		1.00	1	10/11/2023 02:17	WG2148782
1,1-Dichloroethene	ND		1.00	1	10/11/2023 02:17	WG2148782
1,1-Dichloropropene	ND		1.00	1	10/11/2023 02:17	WG2148782
1,2,3-Trichloropropane	ND		1.00	1	10/11/2023 02:17	WG2148782
1,2-Dibromo-3-Chloropropane	ND		2.00	1	10/11/2023 02:17	WG2148782
1,2-Dibromoethane	ND		1.00	1	10/11/2023 02:17	WG2148782
1,2-Dichlorobenzene	ND		1.00	1	10/11/2023 02:17	WG2148782
1,2-Dichloroethane	ND		1.00	1	10/11/2023 02:17	WG2148782
1,2-Dichloropropane	ND		1.00	1	10/11/2023 02:17	WG2148782
1,3-Dichlorobenzene	ND		1.00	1	10/11/2023 02:17	WG2148782
1,3-Dichloropropane	ND		1.00	1	10/11/2023 02:17	WG2148782
1,4-Dichlorobenzene	ND		1.00	1	10/11/2023 02:17	WG2148782
2,2-Dichloropropane	ND		5.00	1	10/11/2023 02:17	WG2148782
2-Butanone (MEK)	ND		5.00	1	10/11/2023 02:17	WG2148782
2-Hexanone	ND		5.00	1	10/11/2023 02:17	WG2148782
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/11/2023 02:17	WG2148782
Acetone	ND		11.3	1	10/11/2023 02:17	WG2148782
Acetonitrile	ND		30.0	1	10/11/2023 02:17	WG2148782
Acrolein	ND		20.0	1	10/11/2023 02:17	WG2148782
Acrylonitrile	ND		20.0	1	10/11/2023 02:17	WG2148782
Allyl chloride	ND		10.0	1	10/11/2023 02:17	WG2148782
Benzene	ND		1.00	1	10/11/2023 02:17	WG2148782
Bromochloromethane	ND		1.00	1	10/11/2023 02:17	WG2148782
Bromodichloromethane	ND		1.00	1	10/11/2023 02:17	WG2148782
Bromoform	ND		1.00	1	10/11/2023 02:17	WG2148782
Bromomethane	ND		1.00	1	10/11/2023 02:17	WG2148782
Carbon disulfide	ND		1.00	1	10/11/2023 02:17	WG2148782
Carbon tetrachloride	ND		1.00	1	10/11/2023 02:17	WG2148782
Chlorobenzene	ND		1.00	1	10/11/2023 02:17	WG2148782
Chloroethane	ND		1.00	1	10/11/2023 02:17	WG2148782
Chloroform	ND		1.00	1	10/11/2023 02:17	WG2148782
Chloromethane	ND		1.00	1	10/11/2023 02:17	WG2148782
Chloroprene	ND		1.70	1	10/11/2023 02:17	WG2148782
Dibromochloromethane	ND	J4	1.00	1	10/11/2023 02:17	WG2148782
Dibromomethane	ND		1.00	1	10/11/2023 02:17	WG2148782
Dichlorodifluoromethane	ND		2.00	1	10/11/2023 02:17	WG2148782
Ethyl methacrylate	ND		3.00	1	10/11/2023 02:17	WG2148782
Ethylbenzene	ND		1.00	1	10/11/2023 02:17	WG2148782
Iodomethane	ND		1.00	1	10/11/2023 02:17	WG2148782
Isobutanol	ND		110	1	10/11/2023 02:17	WG2148782
Methacrylonitrile	ND		13.0	1	10/11/2023 02:17	WG2148782
Methyl methacrylate	ND		4.00	1	10/11/2023 02:17	WG2148782
Methylene Chloride	ND		1.07	1	10/11/2023 02:17	WG2148782
Propionitrile	ND		20.0	1	10/11/2023 02:17	WG2148782
Styrene	ND		1.00	1	10/11/2023 02:17	WG2148782
Tetrachloroethene	ND		1.00	1	10/11/2023 02:17	WG2148782
Toluene	ND		1.00	1	10/11/2023 02:17	WG2148782
Trichloroethene	ND		1.00	1	10/11/2023 02:17	WG2148782
Trichlorofluoromethane	ND		1.00	1	10/11/2023 02:17	WG2148782
Vinyl acetate	ND		5.00	1	10/11/2023 02:17	WG2148782
Vinyl chloride	ND		1.00	1	10/11/2023 02:17	WG2148782
Xylenes, Total	ND		1.00	1	10/11/2023 02:17	WG2148782

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	RL ug/l	Dilution	Analysis date / time	Batch
cis-1,2-Dichloroethene	ND		1.00	1	10/11/2023 02:17	WG2148782
cis-1,3-Dichloropropene	ND		1.00	1	10/11/2023 02:17	WG2148782
trans-1,2-Dichloroethene	ND		1.00	1	10/11/2023 02:17	WG2148782
trans-1,3-Dichloropropene	ND		1.00	1	10/11/2023 02:17	WG2148782
trans-1,4-Dichloro-2-butene	ND		1.00	1	10/11/2023 02:17	WG2148782
(S) Toluene-d8	*108*			*80.0-120*	*10/11/2023 02:17*	WG2148782
(S) 1,2-Dichloroethane-d4	*95.8*			*70.0-130*	*10/11/2023 02:17*	WG2148782
(S) 4-Bromofluorobenzene	*92.3*			*77.0-126*	*10/11/2023 02:17*	WG2148782

Method Blank (MB)

(MB) R3986000-1 10/11/23 14:20

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	ND		2.82	10.0

L1663866-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1663866-01 10/11/23 14:20 • (DUP) R3986000-3 10/11/23 14:20

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	180	189	1	4.88		5

Laboratory Control Sample (LCS)

(LCS) R3986000-2 10/11/23 14:20

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800	8410	95.6	77.3-123	

Method Blank (MB)

(MB) R3985980-1 10/11/23 20:45

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	ND		2.82	10.0

L1664103-13 Original Sample (OS) • Duplicate (DUP)

(OS) L1664103-13 10/11/23 20:45 • (DUP) R3985980-3 10/11/23 20:45

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	225	225	1	0.000		5

Laboratory Control Sample (LCS)

(LCS) R3985980-2 10/11/23 20:45

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800	8430	95.8	77.3-123	

Method Blank (MB)

(MB) R3987323-1 10/13/23 16:42

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	ND		2.82	10.0

L1664045-10 Original Sample (OS) • Duplicate (DUP)

(OS) L1664045-10 10/13/23 16:42 • (DUP) R3987323-3 10/13/23 16:42

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	239	240	1	0.418		5

L1664323-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1664323-01 10/13/23 16:42 • (DUP) R3987323-4 10/13/23 16:42

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	213	211	1	0.943		5

Laboratory Control Sample (LCS)

(LCS) R3987323-2 10/13/23 16:42

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800	8770	99.7	77.3-123	

Method Blank (MB)

(MB) R3987291-1 10/15/23 08:14

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	4.00	J	2.82	10.0

L1664045-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1664045-07 10/15/23 08:14 • (DUP) R3987291-3 10/15/23 08:14

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	337	346	1	2.64		5

L1664045-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1664045-08 10/15/23 08:14 • (DUP) R3987291-4 10/15/23 08:14

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	341	351	1	2.89		5

Laboratory Control Sample (LCS)

(LCS) R3987291-2 10/15/23 08:14

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800	8710	99.0	77.3-123	

Method Blank (MB)

(MB) R3984452-1 10/10/23 15:20

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Ammonia Nitrogen	ND		0.0317	0.100

L1663953-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1663953-01 10/10/23 15:29 • (DUP) R3984452-5 10/10/23 15:30

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Ammonia Nitrogen	5.36	5.36	1	0.0560		10

L1664045-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1664045-04 10/10/23 15:49 • (DUP) R3984452-7 10/10/23 15:50

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Ammonia Nitrogen	ND	ND	1	0.000		10

Laboratory Control Sample (LCS)

(LCS) R3984452-2 10/10/23 15:21

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Ammonia Nitrogen	7.50	7.39	98.6	90.0-110	

L1663921-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1663921-01 10/10/23 15:24 • (MS) R3984452-3 10/10/23 15:26 • (MSD) R3984452-4 10/10/23 15:27

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Ammonia Nitrogen	5.00	ND	4.95	5.02	99.0	100	1	90.0-110			1.48	10

L1664045-03 Original Sample (OS) • Matrix Spike (MS)

(OS) L1664045-03 10/10/23 15:46 • (MS) R3984452-6 10/10/23 15:47

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Ammonia Nitrogen	5.00	ND	5.01	100	1	90.0-110	

Method Blank (MB)

(MB) R3983285-1 10/07/23 16:30

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Sulfide	ND		0.00650	0.0500

L1664045-09 Original Sample (OS) • Duplicate (DUP)

(OS) L1664045-09 10/07/23 16:31 • (DUP) R3983285-5 10/07/23 16:31

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Sulfide	ND	ND	1	0.000		20

Laboratory Control Sample (LCS)

(LCS) R3983285-2 10/07/23 16:30

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Sulfide	0.500	0.457	91.4	85.0-115	

L1664045-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1664045-01 10/07/23 16:30 • (MS) R3983285-3 10/07/23 16:30 • (MSD) R3983285-4 10/07/23 16:31

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Sulfide	0.500	ND	ND	ND	90.6	90.2	1	80.0-120			0.442	20

Method Blank (MB)

(MB) R3984879-1 10/11/23 14:47

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Cyanide	ND		0.00180	0.00500

L1663811-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1663811-01 10/11/23 14:58 • (DUP) R3984879-3 10/11/23 15:00

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Cyanide	ND	ND	1	14.7		20

L1663913-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1663913-02 10/11/23 15:08 • (DUP) R3984879-4 10/11/23 15:10

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Cyanide	ND	ND	1	0.000		20

Laboratory Control Sample (LCS)

(LCS) R3984879-2 10/11/23 14:48

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Cyanide	0.100	0.0975	97.5	87.1-120	

L1663953-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1663953-02 10/11/23 15:13 • (MS) R3984879-5 10/11/23 15:14 • (MSD) R3984879-6 10/11/23 15:16

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Cyanide	0.100	ND	0.0735	0.0780	71.2	75.7	1	90.0-110	J6	J6	5.94	20

Sample Narrative:

MS: Matrix spike failure due to matrix interference.

MSD: Matrix spike failure due to matrix interference.

L1664045-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1664045-04 10/11/23 15:24 • (MS) R3984879-7 10/11/23 15:26 • (MSD) R3984879-8 10/11/23 15:27

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Cyanide	0.100	ND	0.0893	0.0860	89.3	86.0	1	90.0-110	J6	J6	3.76	20

Sample Narrative:

MS: Matrix spike failure due to matrix interference.

MSD: Matrix spike failure due to matrix interference.

QUALITY CONTROL SUMMARY

L1664045-01,02,03,04,05,06,07,08,09,10,11

Method Blank (MB)

(MB) R3986690-1 10/13/23 09:10

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	0.0560		0.0519	1.00
Sulfate	0.189		0.0774	5.00

L1664045-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1664045-01 10/13/23 22:47 • (DUP) R3986690-3 10/13/23 23:00

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	17.2	16.9	1	1.54		15
Sulfate	ND	ND	1	0.931		15

L1664052-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1664052-03 10/14/23 03:21 • (DUP) R3986690-6 10/14/23 03:35

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	10.6	10.5	1	0.929		15
Sulfate	ND	ND	1	1.61		15

Laboratory Control Sample (LCS)

(LCS) R3986690-2 10/13/23 09:23

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	39.4	98.6	80.0-120	
Sulfate	40.0	38.9	97.3	80.0-120	

L1664045-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1664045-01 10/13/23 22:47 • (MS) R3986690-4 10/13/23 23:14 • (MSD) R3986690-5 10/13/23 23:55

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	40.0	17.2	54.8	54.9	94.0	94.1	1	80.0-120			0.0781	15
Sulfate	40.0	ND	40.0	40.0	96.0	96.1	1	80.0-120			0.0831	15

L1664052-03 Original Sample (OS) • Matrix Spike (MS)

(OS) L1664052-03 10/14/23 03:21 • (MS) R3986690-7 10/14/23 03:48

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40.0	10.6	49.4	97.0	1	80.0-120	
Sulfate	40.0	ND	43.1	97.6	1	80.0-120	

Method Blank (MB)

(MB) R3985998-2 10/12/23 12:27

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TOC	ND		0.102	1.00

L1664045-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1664045-05 10/12/23 18:55 • (DUP) R3985998-5 10/12/23 19:14

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC	1.09	1.18	1	7.67		20

L1664045-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1664045-08 10/12/23 20:34 • (DUP) R3985998-6 10/12/23 20:54

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC	ND	ND	1	9.90		20

Laboratory Control Sample (LCS)

(LCS) R3985998-1 10/12/23 12:07

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TOC	25.0	24.6	98.4	85.0-115	

L1663868-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1663868-01 10/12/23 16:33 • (MS) R3985998-3 10/12/23 16:57 • (MSD) R3985998-4 10/12/23 17:19

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TOC	25.0	ND	25.0	24.9	100	99.7	1	80.0-120			0.320	20

Method Blank (MB)

(MB) R3986208-1 10/14/23 10:30

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Mercury,Total Recoverable	ND		0.0000490	0.000200

Laboratory Control Sample (LCS)

(LCS) R3986208-2 10/14/23 10:33

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Mercury,Total Recoverable	0.00300	0.00349	116	80.0-120	

L1664048-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1664048-04 10/14/23 10:35 • (MS) R3986208-3 10/14/23 10:37 • (MSD) R3986208-4 10/14/23 10:40

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Mercury,Total Recoverable	0.00300	ND	0.00355	0.00356	118	119	1	75.0-125			0.433	20

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Method Blank (MB)

(MB) R3985834-1 10/13/23 00:49

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Barium,Total Recoverable	0.00737		0.00170	0.00500
Silver, Total Recoverable	ND		0.00280	0.00500
Iron, Total Recoverable	0.198		0.0141	0.100
Lead, Total Recoverable	0.0518		0.00190	0.00500
Manganese,Total Recoverable	0.0290		0.00120	0.0100
Selenium, Total Recoverable	ND		0.00740	0.0100
Tin, Total Recoverable	0.0130	J	0.00440	0.0500

Laboratory Control Sample (LCS)

(LCS) R3985834-2 10/13/23 00:52

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Barium,Total Recoverable	1.00	1.05	105	80.0-120	
Silver, Total Recoverable	0.200	0.182	91.2	80.0-120	
Iron, Total Recoverable	10.0	10.1	101	80.0-120	
Lead, Total Recoverable	1.00	1.03	103	80.0-120	
Manganese,Total Recoverable	1.00	0.999	99.9	80.0-120	
Selenium, Total Recoverable	1.00	1.05	105	80.0-120	
Tin, Total Recoverable	1.00	1.04	104	80.0-120	

L1663940-10 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1663940-10 10/13/23 00:55 • (MS) R3985834-4 10/13/23 01:01 • (MSD) R3985834-5 10/13/23 01:04

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Barium,Total Recoverable	1.00	0.104	1.14	1.14	103	103	1	75.0-125			0.0221	20
Silver, Total Recoverable	0.200	ND	0.196	0.194	98.0	97.1	1	75.0-125			0.976	20
Lead, Total Recoverable	1.00	ND	1.06	1.07	106	106	1	75.0-125			0.481	20
Manganese,Total Recoverable	1.00	2.52	3.47	3.45	94.3	92.2	1	75.0-125			0.610	20
Selenium, Total Recoverable	1.00	ND	1.11	1.09	111	109	1	75.0-125			1.92	20
Tin, Total Recoverable	1.00	ND	1.02	1.03	102	103	1	75.0-125			0.824	20

QUALITY CONTROL SUMMARY

L1664045-01,02,05,07,08

Method Blank (MB)

(MB) R3986468-1 10/15/23 11:38

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Barium,Total Recoverable	ND		0.00170	0.00500
Iron, Total Recoverable	ND		0.0141	0.100
Manganese,Total Recoverable	ND		0.00120	0.0100

Laboratory Control Sample (LCS)

(LCS) R3986468-2 10/15/23 11:41

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Barium,Total Recoverable	1.00	1.01	101	80.0-120	
Iron, Total Recoverable	10.0	9.81	98.1	80.0-120	
Manganese,Total Recoverable	1.00	0.972	97.2	80.0-120	

L1664045-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1664045-01 10/15/23 11:44 • (MS) R3986468-4 10/15/23 11:50 • (MSD) R3986468-5 10/15/23 11:53

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Barium,Total Recoverable	1.00	0.207	1.20	1.19	99.7	98.8	1	75.0-125			0.792	20
Iron, Total Recoverable	10.0	1.29	11.1	11.0	98.0	96.6	1	75.0-125			1.20	20
Manganese,Total Recoverable	1.00	29.9	30.2	30.2	29.5	32.4	1	75.0-125	E V	E V	0.0953	20

Method Blank (MB)

(MB) R3989350-1 10/21/23 15:10

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Antimony, Total Recoverable	ND		0.000754	0.00200
Arsenic, Total Recoverable	0.000277	J	0.000250	0.00200
Beryllium, Total Recoverable	ND		0.000120	0.00200
Cadmium, Total Recoverable	ND		0.000160	0.00100
Chromium, Total Recoverable	ND		0.000540	0.00200
Cobalt,Total Recoverable	ND		0.000260	0.00200
Copper, Total Recoverable	ND		0.000520	0.00500
Nickel, Total Recoverable	ND		0.000350	0.00200
Thallium, Total Recoverable	ND		0.000190	0.00200
Vanadium,Total Recoverable	0.00244	J	0.000180	0.00500
Zinc, Total Recoverable	ND		0.00256	0.0250

Laboratory Control Sample (LCS)

(LCS) R3989350-2 10/21/23 15:14

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Antimony, Total Recoverable	0.500	0.464	92.8	80.0-120	
Arsenic, Total Recoverable	0.500	0.489	97.7	80.0-120	
Beryllium, Total Recoverable	0.500	0.495	99.0	80.0-120	
Cadmium, Total Recoverable	0.500	0.514	103	80.0-120	
Chromium, Total Recoverable	0.500	0.497	99.4	80.0-120	
Cobalt,Total Recoverable	0.500	0.497	99.4	80.0-120	
Copper, Total Recoverable	0.500	0.447	89.4	80.0-120	
Nickel, Total Recoverable	0.500	0.492	98.3	80.0-120	
Thallium, Total Recoverable	0.500	0.495	99.1	80.0-120	
Vanadium,Total Recoverable	0.500	0.500	100	80.0-120	
Zinc, Total Recoverable	0.500	0.462	92.3	80.0-120	

L1663974-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1663974-02 10/21/23 15:17 • (MS) R3989350-4 10/21/23 15:24 • (MSD) R3989350-5 10/21/23 15:27

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Antimony, Total Recoverable	0.500	ND	0.502	0.507	100	101	1	75.0-125			0.894	20
Arsenic, Total Recoverable	0.500	ND	0.500	0.504	99.8	101	1	75.0-125			0.827	20
Beryllium, Total Recoverable	0.500	ND	0.496	0.500	99.1	99.9	1	75.0-125	E	E	0.792	20
Cadmium, Total Recoverable	0.500	ND	0.511	0.516	102	103	1	75.0-125			0.928	20
Chromium, Total Recoverable	0.500	0.00774	0.500	0.503	98.5	99.0	1	75.0-125			0.473	20

L1663974-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1663974-02 10/21/23 15:17 • (MS) R3989350-4 10/21/23 15:24 • (MSD) R3989350-5 10/21/23 15:27

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Cobalt,Total Recoverable	0.500	ND	0.484	0.485	96.7	96.9	1	75.0-125			0.227	20
Copper, Total Recoverable	0.500	0.00513	0.472	0.468	93.3	92.5	1	75.0-125			0.897	20
Nickel, Total Recoverable	0.500	ND	0.477	0.481	95.3	96.0	1	75.0-125			0.741	20
Thallium, Total Recoverable	0.500	ND	0.500	0.511	99.9	102	1	75.0-125			2.18	20
Vanadium,Total Recoverable	0.500	0.00526	0.510	0.508	101	101	1	75.0-125			0.300	20
Zinc, Total Recoverable	0.500	ND	0.467	0.471	92.6	93.3	1	75.0-125			0.849	20

Method Blank (MB)

(MB) R3985695-3 10/09/23 23:40

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
1,1,1,2-Tetrachloroethane	ND		0.120	0.500
1,1,1-Trichloroethane	ND		0.0940	0.500
1,1,2,2-Tetrachloroethane	ND		0.130	0.500
1,1,2-Trichloroethane	ND		0.0940	0.500
1,1-Dichloroethane	ND		0.114	0.500
1,1-Dichloroethene	ND		0.188	0.500
1,2,3-Trichloropropane	ND		0.247	2.50
1,2-Dibromo-3-Chloropropane	ND		0.325	2.50
1,2-Dibromoethane	ND		0.193	0.500
1,2-Dichlorobenzene	ND		0.101	0.500
1,2-Dichloroethane	ND		0.108	0.500
1,2-Dichloropropane	ND		0.190	0.500
1,4-Dichlorobenzene	ND		0.121	0.500
2-Butanone (MEK)	ND		1.28	5.00
2-Hexanone	ND		0.757	5.00
4-Methyl-2-pentanone (MIBK)	ND		0.823	5.00
Acetone	ND		1.05	25.0
Acrylonitrile	ND		0.873	5.00
Benzene	ND		0.0896	0.500
Bromochloromethane	ND		0.145	0.500
Bromodichloromethane	ND		0.0800	0.500
Bromoform	ND		0.186	0.500
Bromomethane	ND		0.157	2.50
Carbon disulfide	ND		0.101	0.500
Carbon tetrachloride	ND		0.159	0.500
Chlorobenzene	ND		0.140	0.500
Chloroethane	ND		0.141	2.50
Chloroform	ND		0.0860	0.500
Chloromethane	ND		0.153	1.25
Dibromochloromethane	ND		0.128	0.500
Dibromomethane	ND		0.117	0.500
Ethylbenzene	ND		0.158	0.500
Iodomethane	ND		0.377	10.0
Methylene Chloride	ND	J	1.07	2.50
Styrene	ND		0.117	0.500
Tetrachloroethene	ND		0.199	0.500
Toluene	ND		0.412	0.500
Trichloroethene	ND		0.153	0.500
Trichlorofluoromethane	ND		0.130	2.50
Vinyl acetate	ND		0.645	5.00

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Method Blank (MB)

(MB) R3985695-3 10/09/23 23:40

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Vinyl chloride	ND		0.118	0.500
Xylenes, Total	ND		0.316	1.50
cis-1,2-Dichloroethene	ND		0.0933	0.500
cis-1,3-Dichloropropene	ND		0.0976	0.500
trans-1,2-Dichloroethene	ND		0.152	0.500
trans-1,3-Dichloropropene	ND		0.222	0.500
trans-1,4-Dichloro-2-butene	ND		0.257	5.00
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*
(S) 4-Bromofluorobenzene	*104*			*77.0-126*
(S) Toluene-d8	*103*			*80.0-120*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3985695-1 10/09/23 22:05 • (LCSD) R3985695-2 10/09/23 22:24

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
1,1,1,2-Tetrachloroethane	5.00	4.95	5.86	99.0	117	75.0-125			16.8	20
1,1,1-Trichloroethane	5.00	5.13	6.01	103	120	73.0-124			15.8	20
1,1,2,2-Tetrachloroethane	5.00	4.92	5.67	98.4	113	65.0-130			14.2	20
1,1,2-Trichloroethane	5.00	4.91	5.35	98.2	107	80.0-120			8.58	20
1,1-Dichloroethane	5.00	5.12	5.90	102	118	70.0-126			14.2	20
1,1-Dichloroethene	5.00	5.17	6.14	103	123	71.0-124			17.2	20
1,2,3-Trichloropropane	5.00	4.84	5.46	96.8	109	73.0-130			12.0	20
1,2-Dibromo-3-Chloropropane	5.00	4.28	5.56	85.6	111	58.0-134		J3	26.0	20
1,2-Dibromoethane	5.00	4.88	5.52	97.6	110	80.0-122			12.3	20
1,2-Dichlorobenzene	5.00	5.15	5.90	103	118	79.0-121			13.6	20
1,2-Dichloroethane	5.00	5.47	6.15	109	123	70.0-128			11.7	20
1,2-Dichloropropane	5.00	5.16	5.93	103	119	77.0-125			13.9	20
1,4-Dichlorobenzene	5.00	4.79	5.54	95.8	111	79.0-120			14.5	20
2-Butanone (MEK)	25.0	27.8	34.4	111	138	44.0-160		J3	21.2	20
2-Hexanone	25.0	26.5	30.6	106	122	67.0-149			14.4	20
4-Methyl-2-pentanone (MIBK)	25.0	28.9	33.4	116	134	68.0-142			14.4	20
Acetone	25.0	29.8	36.8	119	147	19.0-160			21.0	27
Acrylonitrile	25.0	28.1	30.3	112	121	55.0-149			7.53	20
Benzene	5.00	4.78	5.48	95.6	110	70.0-123			13.6	20
Bromochloromethane	5.00	5.16	5.63	103	113	76.0-122			8.71	20
Bromodichloromethane	5.00	5.00	5.77	100	115	75.0-120			14.3	20
Bromoform	5.00	4.69	5.14	93.8	103	68.0-132			9.16	20
Bromomethane	5.00	5.00	5.78	100	116	10.0-160			14.5	25

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3985695-1 10/09/23 22:05 • (LCSD) R3985695-2 10/09/23 22:24

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Carbon disulfide	5.00	3.77	4.44	75.4	88.8	61.0-128			16.3	20
Carbon tetrachloride	5.00	5.13	6.04	103	121	68.0-126			16.3	20
Chlorobenzene	5.00	4.71	5.57	94.2	111	80.0-121			16.7	20
Chloroethane	5.00	4.76	4.96	95.2	99.2	47.0-150			4.12	20
Chloroform	5.00	4.98	5.67	99.6	113	73.0-120			13.0	20
Chloromethane	5.00	5.59	6.52	112	130	41.0-142			15.4	20
Dibromochloromethane	5.00	4.80	5.73	96.0	115	77.0-125			17.7	20
Dibromomethane	5.00	4.94	5.62	98.8	112	80.0-120			12.9	20
Ethylbenzene	5.00	4.86	5.61	97.2	112	79.0-123			14.3	20
Iodomethane	25.0	24.4	28.0	97.6	112	33.0-147			13.7	26
Methylene Chloride	5.00	4.34	4.72	86.8	94.4	67.0-120			8.39	20
Styrene	5.00	4.61	5.20	92.2	104	73.0-130			12.0	20
Tetrachloroethene	5.00	4.37	4.94	87.4	98.8	72.0-132			12.2	20
Toluene	5.00	4.45	5.11	89.0	102	79.0-120			13.8	20
Trichloroethene	5.00	4.54	5.33	90.8	107	78.0-124			16.0	20
Trichlorofluoromethane	5.00	5.40	6.13	108	123	59.0-147			12.7	20
Vinyl acetate	25.0	24.8	29.4	99.2	118	11.0-160			17.0	20
Vinyl chloride	5.00	5.02	5.88	100	118	67.0-131			15.8	20
Xylenes, Total	15.0	15.1	17.4	101	116	79.0-123			14.2	20
cis-1,2-Dichloroethene	5.00	4.62	5.37	92.4	107	73.0-120			15.0	20
cis-1,3-Dichloropropene	5.00	4.88	5.44	97.6	109	80.0-123			10.9	20
trans-1,2-Dichloroethene	5.00	4.57	5.22	91.4	104	73.0-120			13.3	20
trans-1,3-Dichloropropene	5.00	4.98	5.66	99.6	113	78.0-124			12.8	20
trans-1,4-Dichloro-2-butene	5.00	5.82	6.58	116	132	33.0-144			12.3	20
(S) 1,2-Dichloroethane-d4				*115*	*115*	*70.0-130*				
(S) 4-Bromofluorobenzene				*110*	*108*	*77.0-126*				
(S) Toluene-d8				*98.1*	*97.2*	*80.0-120*				

Method Blank (MB)

(MB) R3984893-3 10/10/23 23:04

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
1,1,1,2-Tetrachloroethane	ND		0.120	0.500
1,1,1-Trichloroethane	ND		0.0940	0.500
1,1,2,2-Tetrachloroethane	ND		0.130	0.500
1,1,2-Trichloroethane	ND		0.186	0.500
1,1-Dichloroethane	ND		0.114	0.500
1,1-Dichloroethene	ND		0.188	0.500
1,1-Dichloropropene	ND		0.128	0.500
1,2,3-Trichloropropane	ND		0.247	2.50
1,2-Dibromo-3-Chloropropane	ND		0.325	2.50
1,2-Dibromoethane	ND		0.193	0.500
1,2-Dichlorobenzene	ND		0.101	0.500
1,2-Dichloroethane	ND		0.108	0.500
1,2-Dichloropropane	ND		0.190	0.500
1,3-Dichlorobenzene	ND		0.130	0.500
1,3-Dichloropropane	ND		0.147	1.00
1,4-Dichlorobenzene	ND		0.121	0.500
2,2-Dichloropropane	ND		0.0929	0.500
2-Butanone (MEK)	ND		1.28	5.00
2-Hexanone	ND		0.757	5.00
4-Methyl-2-pentanone (MIBK)	ND		0.823	5.00
Acetone	ND		1.05	25.0
Acetonitrile	ND		15.0	50.0
Acrolein	ND		8.87	50.0
Acrylonitrile	ND		0.873	5.00
Allyl chloride	ND		1.70	5.00
Benzene	ND		0.0896	0.500
Bromochloromethane	ND		0.145	0.500
Bromodichloromethane	ND		0.0800	0.500
Bromoform	ND		0.186	0.500
Bromomethane	ND		0.157	2.50
Carbon disulfide	ND		0.101	0.500
Carbon tetrachloride	ND		0.159	0.500
Chlorobenzene	ND		0.140	0.500
Chloroethane	ND		0.141	2.50
Chloroform	ND		0.0860	0.500
Chloromethane	ND		0.153	1.25
Chloroprene	ND		1.70	50.0
Dibromochloromethane	ND		0.128	0.500
Dibromomethane	ND		0.117	0.500
Dichlorodifluoromethane	ND		0.127	2.50

Method Blank (MB)

(MB) R3984893-3 10/10/23 23:04

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Ethyl methacrylate	ND		1.40	5.00
Ethylbenzene	ND		0.158	0.500
Iodomethane	ND		0.377	10.0
Isobutanol	ND		39.0	100
Methacrylonitrile	ND		13.0	50.0
Methyl methacrylate	ND		1.20	5.00
Methylene Chloride	ND		1.07	2.50
Propionitrile	ND		13.0	50.0
Styrene	ND		0.117	0.500
Tetrachloroethene	ND		0.199	0.500
Toluene	ND		0.412	0.500
Trichloroethene	ND		0.153	0.500
Trichlorofluoromethane	ND		0.130	2.50
Vinyl acetate	ND		0.645	5.00
Vinyl chloride	ND		0.118	0.500
Xylenes, Total	ND		0.316	1.50
cis-1,2-Dichloroethene	ND		0.0933	0.500
cis-1,3-Dichloropropene	ND		0.0976	0.500
trans-1,2-Dichloroethene	ND		0.152	0.500
trans-1,3-Dichloropropene	ND		0.222	0.500
trans-1,4-Dichloro-2-butene	ND		0.257	5.00
(S) Toluene-d8	*108*			*80.0-120*
(S) 1,2-Dichloroethane-d4	*95.6*			*70.0-130*
(S) 4-Bromofluorobenzene	*94.4*			*77.0-126*

Laboratory Control Sample (LCS)

(LCS) R3984893-1 10/10/23 21:42

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
1,1,1,2-Tetrachloroethane	5.00	6.15	123	75.0-125	
1,1,1-Trichloroethane	5.00	5.48	110	73.0-124	
1,1,2,2-Tetrachloroethane	5.00	5.38	108	65.0-130	
1,1,2-Trichloroethane	5.00	6.04	121	80.0-120	J4
1,1-Dichloroethane	5.00	5.61	112	70.0-126	
1,1-Dichloroethene	5.00	5.25	105	71.0-124	
1,1-Dichloropropene	5.00	5.37	107	74.0-126	
1,2,3-Trichloropropane	5.00	5.29	106	73.0-130	
1,2-Dibromo-3-Chloropropane	5.00	4.37	87.4	58.0-134	

Laboratory Control Sample (LCS)

(LCS) R3984893-1 10/10/23 21:42

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
1,2-Dibromoethane	5.00	5.98	120	80.0-122	
1,2-Dichlorobenzene	5.00	5.92	118	79.0-121	
1,2-Dichloroethane	5.00	5.36	107	70.0-128	
1,2-Dichloropropane	5.00	5.74	115	77.0-125	
1,3-Dichlorobenzene	5.00	5.84	117	79.0-120	
1,3-Dichloropropane	5.00	5.87	117	80.0-120	
1,4-Dichlorobenzene	5.00	5.81	116	79.0-120	
2,2-Dichloropropane	5.00	5.44	109	58.0-130	
2-Butanone (MEK)	25.0	28.3	113	44.0-160	
2-Hexanone	25.0	29.3	117	67.0-149	
4-Methyl-2-pentanone (MIBK)	25.0	31.8	127	68.0-142	
Acetone	25.0	33.0	132	19.0-160	
Acrolein	25.0	17.7	70.8	10.0-160	
Acrylonitrile	25.0	28.2	113	55.0-149	
Allyl chloride	25.0	27.0	108	72.0-128	
Benzene	5.00	5.32	106	70.0-123	
Bromochloromethane	5.00	5.77	115	76.0-122	
Bromodichloromethane	5.00	5.20	104	75.0-120	
Bromoform	5.00	6.20	124	68.0-132	
Bromomethane	5.00	3.79	75.8	10.0-160	
Carbon disulfide	5.00	4.69	93.8	61.0-128	
Carbon tetrachloride	5.00	5.63	113	68.0-126	
Chlorobenzene	5.00	6.04	121	80.0-121	
Chloroethane	5.00	5.88	118	47.0-150	
Chloroform	5.00	5.47	109	73.0-120	
Chloromethane	5.00	5.80	116	41.0-142	
Dibromochloromethane	5.00	6.29	126	77.0-125	J4
Dibromomethane	5.00	5.47	109	80.0-120	
Dichlorodifluoromethane	5.00	5.35	107	51.0-149	
Ethylbenzene	5.00	6.10	122	79.0-123	
Iodomethane	25.0	20.2	80.8	33.0-147	
Methylene Chloride	5.00	4.37	87.4	67.0-120	
Styrene	5.00	5.35	107	73.0-130	
Tetrachloroethene	5.00	6.25	125	72.0-132	
Toluene	5.00	5.58	112	79.0-120	
Trichloroethene	5.00	5.89	118	78.0-124	
Trichlorofluoromethane	5.00	6.21	124	59.0-147	
Vinyl acetate	25.0	29.0	116	11.0-160	
Vinyl chloride	5.00	6.13	123	67.0-131	
Xylenes, Total	15.0	17.9	119	79.0-123	

Laboratory Control Sample (LCS)

(LCS) R3984893-1 10/10/23 21:42

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
cis-1,2-Dichloroethene	5.00	5.41	108	73.0-120	
cis-1,3-Dichloropropene	5.00	5.09	102	80.0-123	
trans-1,2-Dichloroethene	5.00	5.28	106	73.0-120	
trans-1,3-Dichloropropene	5.00	5.89	118	78.0-124	
trans-1,4-Dichloro-2-butene	5.00	4.31	86.2	33.0-144	
(S) Toluene-d8			*105*	*80.0-120*	
(S) 1,2-Dichloroethane-d4			*93.9*	*70.0-130*	
(S) 4-Bromofluorobenzene			*93.1*	*77.0-126*	

Laboratory Control Sample (LCS)

(LCS) R3984893-2 10/10/23 22:03

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetonitrile	500	468	93.6	40.0-160	
Chloroprene	50.0	50.5	101	60.0-143	
Ethyl methacrylate	50.0	57.2	114	72.0-129	
Isobutanol	1000	875	87.5	40.0-160	
Methacrylonitrile	500	479	95.8	61.0-145	
Methyl methacrylate	50.0	47.5	95.0	63.0-149	
Propionitrile	500	433	86.6	49.0-160	
(S) Toluene-d8			*105*	*80.0-120*	
(S) 1,2-Dichloroethane-d4			*93.8*	*70.0-130*	
(S) 4-Bromofluorobenzene			*94.1*	*77.0-126*	

Method Blank (MB)

(MB) R3984708-1 10/10/23 15:36

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
2,4,5-T	ND		0.843	2.00
2,4,5-Tp (Silvex)	ND		0.845	2.00
2,4-D	ND		0.744	2.00
(S) 2,4-Dichlorophenyl Acetic Acid	*55.8*			*14.0-158*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3984708-2 10/10/23 15:47 • (LCSD) R3984708-3 10/10/23 15:59

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
2,4,5-T	5.00	3.53	4.33	70.6	86.6	54.0-120	P	J3 P	20.4	20
2,4,5-Tp (Silvex)	5.00	2.68	3.39	53.6	67.8	50.0-125		J3	23.4	20
2,4-D	5.00	3.39	4.33	67.8	86.6	50.0-120		J3 P	24.4	20
(S) 2,4-Dichlorophenyl Acetic Acid				*52.2*	*67.8*	*14.0-158*				

Method Blank (MB)

(MB) R3985591-1 10/12/23 00:51

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
2,4,5-T	ND		0.843	2.00
2,4,5-Tp (Silvex)	ND		0.845	2.00
2,4-D	ND		0.744	2.00
(S) 2,4-Dichlorophenyl Acetic Acid	*74.2*			*14.0-158*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3985591-2 10/12/23 01:03 • (LCSD) R3985591-3 10/12/23 01:14

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
2,4,5-T	5.00	4.14	4.47	82.8	89.4	54.0-120			7.67	20
2,4,5-Tp (Silvex)	5.00	3.73	4.06	74.6	81.2	50.0-125			8.47	20
2,4-D	5.00	4.56	4.93	91.2	98.6	50.0-120			7.80	20
(S) 2,4-Dichlorophenyl Acetic Acid				*90.2*	*94.6*	*14.0-158*				

Method Blank (MB)

(MB) R3984938-1 10/08/23 21:06

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
4,4-DDD	ND		0.0170	0.0500
4,4-DDE	ND		0.0154	0.0500
4,4-DDT	ND		0.0177	0.0500
Aldrin	ND		0.00813	0.0500
Alpha BHC	ND		0.0166	0.0500
Beta BHC	ND		0.0184	0.0500
Chlordane	ND		0.0198	0.500
Delta BHC	ND		0.0150	0.0500
Dieldrin	ND		0.00751	0.0500
Endosulfan I	ND		0.0160	0.0500
Endosulfan II	ND		0.0164	0.0500
Endosulfan sulfate	ND		0.0196	0.0500
Endrin	ND		0.0161	0.0500
Endrin aldehyde	ND		0.0142	0.0500
Gamma BHC	ND		0.0176	0.0500
Heptachlor	ND		0.0108	0.0500
Heptachlor epoxide	ND		0.0175	0.0500
Methoxychlor	ND		0.0193	0.0500
Toxaphene	ND		0.168	0.500
(S) Decachlorobiphenyl	*22.0*			*10.0-128*
(S) Tetrachloro-m-xylene	*73.5*			*10.0-127*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3984938-4 10/08/23 21:15 • (LCSD) R3984938-5 10/08/23 21:24

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
4,4-DDD	1.00	0.946	0.948	94.6	94.8	56.0-140			0.211	22
4,4-DDE	1.00	0.848	0.815	84.8	81.5	52.0-128			3.97	22
4,4-DDT	1.00	0.910	0.870	91.0	87.0	50.0-141			4.49	23
Aldrin	1.00	0.838	0.816	83.8	81.6	22.0-124			2.66	34
Alpha BHC	1.00	0.958	0.984	95.8	98.4	54.0-130			2.68	23
Beta BHC	1.00	0.987	1.01	98.7	101	53.0-136			2.30	20
Delta BHC	1.00	0.954	0.974	95.4	97.4	54.0-133			2.07	20
Dieldrin	1.00	0.913	0.924	91.3	92.4	59.0-133			1.20	20
Endosulfan I	1.00	0.906	0.920	90.6	92.0	57.0-131			1.53	20
Endosulfan II	1.00	0.914	0.938	91.4	93.8	58.0-133			2.59	20
Endosulfan sulfate	1.00	0.870	0.901	87.0	90.1	58.0-133			3.50	21
Endrin	1.00	0.964	0.975	96.4	97.5	57.0-134			1.13	21

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3984938-4 10/08/23 21:15 • (LCSD) R3984938-5 10/08/23 21:24

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Endrin aldehyde	1.00	0.898	0.933	89.8	93.3	53.0-129			3.82	20
Gamma BHC	1.00	0.957	0.978	95.7	97.8	55.0-129			2.17	20
Heptachlor	1.00	0.937	0.933	93.7	93.3	27.0-132			0.428	31
Heptachlor epoxide	1.00	0.917	0.931	91.7	93.1	57.0-130			1.52	20
Methoxychlor	1.00	0.949	0.953	94.9	95.3	54.0-155			0.421	24
(S) Decachlorobiphenyl				*61.3*	*29.4*	*10.0-128*				
(S) Tetrachloro-m-xylene				*77.9*	*76.1*	*10.0-127*				

Method Blank (MB)

(MB) R3986371-1 10/13/23 01:06

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
4,4-DDD	ND		0.0170	0.0500
4,4-DDE	ND		0.0154	0.0500
4,4-DDT	ND		0.0177	0.0500
Aldrin	ND		0.00813	0.0500
Alpha BHC	ND		0.0166	0.0500
Beta BHC	ND		0.0184	0.0500
Chlordane	ND		0.0198	0.500
Delta BHC	ND		0.0150	0.0500
Dieldrin	ND		0.00751	0.0500
Endosulfan I	ND		0.0160	0.0500
Endosulfan II	ND		0.0164	0.0500
Endosulfan sulfate	ND		0.0196	0.0500
Endrin	ND		0.0161	0.0500
Endrin aldehyde	ND		0.0142	0.0500
Gamma BHC	ND		0.0176	0.0500
Heptachlor	ND		0.0108	0.0500
Heptachlor epoxide	ND		0.0175	0.0500
Methoxychlor	ND		0.0193	0.0500
Toxaphene	ND		0.168	0.500
(S) Decachlorobiphenyl	*13.9*			*10.0-128*
(S) Tetrachloro-m-xylene	*69.4*			*10.0-127*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3986371-2 10/13/23 01:15 • (LCSD) R3986371-3 10/13/23 01:24

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
4,4-DDD	1.00	0.916	0.912	91.6	91.2	56.0-140			0.438	22
4,4-DDE	1.00	0.802	0.767	80.2	76.7	52.0-128			4.46	22
4,4-DDT	1.00	0.904	0.882	90.4	88.2	50.0-141			2.46	23
Aldrin	1.00	0.870	0.844	87.0	84.4	22.0-124			3.03	34
Alpha BHC	1.00	0.946	0.935	94.6	93.5	54.0-130			1.17	23
Beta BHC	1.00	0.914	0.897	91.4	89.7	53.0-136			1.88	20
Delta BHC	1.00	0.883	0.922	88.3	92.2	54.0-133			4.32	20
Dieldrin	1.00	0.918	0.913	91.8	91.3	59.0-133			0.546	20
Endosulfan I	1.00	0.911	0.912	91.1	91.2	57.0-131			0.110	20
Endosulfan II	1.00	0.924	0.911	92.4	91.1	58.0-133			1.42	20
Endosulfan sulfate	1.00	0.900	0.903	90.0	90.3	58.0-133			0.333	21
Endrin	1.00	1.06	1.05	106	105	57.0-134			0.948	21

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3986371-2 10/13/23 01:15 • (LCSD) R3986371-3 10/13/23 01:24

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Endrin aldehyde	1.00	0.866	0.881	86.6	88.1	53.0-129			1.72	20
Gamma BHC	1.00	0.959	0.944	95.9	94.4	55.0-129			1.58	20
Heptachlor	1.00	1.03	1.04	103	104	27.0-132			0.966	31
Heptachlor epoxide	1.00	0.938	0.923	93.8	92.3	57.0-130			1.61	20
Methoxychlor	1.00	1.02	1.05	102	105	54.0-155			2.90	24
(S) Decachlorobiphenyl				*31.3*	*76.4*	*10.0-128*				
(S) Tetrachloro-m-xylene				*74.3*	*87.0*	*10.0-127*				

Method Blank (MB)

(MB) R3984938-1 10/08/23 21:06

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
PCB 1016	ND		0.100	0.500
PCB 1221	ND		0.0730	0.500
PCB 1232	ND		0.0420	0.500
PCB 1242	ND		0.0470	0.500
PCB 1248	ND		0.0860	0.500
PCB 1254	ND		0.0470	0.500
PCB 1260	ND		0.120	0.500
(S) Decachlorobiphenyl	*26.0*			*10.0-128*
(S) Tetrachloro-m-xylene	*82.4*			*10.0-127*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3984938-2 10/08/23 21:32 • (LCSD) R3984938-3 10/08/23 21:41

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
PCB 1016	2.50	2.43	2.18	97.2	87.2	36.0-135			10.8	29
PCB 1260	2.50	2.27	1.90	90.8	76.0	42.0-131			17.7	25
(S) Decachlorobiphenyl				*67.6*	*55.6*	*10.0-128*				
(S) Tetrachloro-m-xylene				*87.6*	*77.8*	*10.0-127*				

Method Blank (MB)

(MB) R3986371-1 10/13/23 01:06

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
PCB 1016	ND		0.100	0.500
PCB 1221	ND		0.0730	0.500
PCB 1232	ND		0.0420	0.500
PCB 1242	ND		0.0470	0.500
PCB 1248	ND		0.0860	0.500
PCB 1254	ND		0.0470	0.500
PCB 1260	ND		0.120	0.500
(S) Decachlorobiphenyl	*15.7*			*10.0-128*
(S) Tetrachloro-m-xylene	*72.6*			*10.0-127*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3986371-4 10/13/23 01:33 • (LCSD) R3986371-5 10/13/23 01:42

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
PCB 1016	2.50	2.05	1.51	82.0	60.4	36.0-135		J3	30.3	29
PCB 1260	2.50	2.30	1.47	92.0	58.8	42.0-131		J3	44.0	25
(S) Decachlorobiphenyl				*48.7*	*14.5*	*10.0-128*				
(S) Tetrachloro-m-xylene				*80.7*	*62.5*	*10.0-127*				

Method Blank (MB)

(MB) R3986579-2 10/12/23 11:55

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
1,2,4,5-Tetrachlorobenzene	ND		2.41	10.0
1,2,4-Trichlorobenzene	ND		0.355	10.0
2,2-Oxybis(1-Chloropropane)	ND		0.445	10.0
2,3,4,6-Tetrachlorophenol	ND		2.00	10.0
2,4,5-Trichlorophenol	ND		0.236	10.0
2,4,6-Trichlorophenol	ND		0.297	10.0
2,4-Dichlorophenol	ND		0.284	10.0
2,4-Dimethylphenol	ND		0.624	10.0
2,4-Dinitrophenol	ND		3.25	10.0
2,4-Dinitrotoluene	ND		1.65	10.0
2,6-Dinitrotoluene	ND		0.279	10.0
2-Chloronaphthalene	ND		0.330	1.00
2-Chlorophenol	ND		0.283	10.0
2-Methylnaphthalene	ND		0.311	1.00
2-Methylphenol	ND		0.312	10.0
2-Nitroaniline	ND		1.90	10.0
2-Nitrophenol	ND		0.320	10.0
3&4-Methyl Phenol	ND		0.266	10.0
3,3-Dichlorobenzidine	ND		2.02	10.0
3-Nitroaniline	ND		0.308	10.0
4,6-Dinitro-2-methylphenol	ND		2.62	10.0
4-Bromophenyl-phenylether	ND		0.335	10.0
4-Chloro-3-methylphenol	ND		0.263	10.0
4-Chloroaniline	ND		0.382	10.0
4-Chlorophenyl-phenylether	ND		0.303	10.0
4-Nitroaniline	ND		0.349	10.0
4-Nitrophenol	ND		2.01	10.0
Acenaphthene	ND		0.316	1.00
Acenaphthylene	ND		0.309	1.00
Acetophenone	ND		2.71	10.0
Anthracene	ND		0.291	1.00
Benzo(A)Anthracene	ND		0.0975	1.00
Benzo(a)pyrene	ND		0.340	1.00
Benzo(b)fluoranthene	ND		0.0896	1.00
Benzo(g,h,i)perylene	ND		0.161	1.00
Benzo(k)fluoranthene	ND		0.355	1.00
Benzyl Alcohol	ND		0.393	10.0
Benzylbutyl phthalate	ND		0.275	3.00
Bis(2-Ethylhexyl)phthalate	ND		0.709	3.00
Bis(2-chlorethoxy)methane	ND		0.329	10.0

Method Blank (MB)

(MB) R3986579-2 10/12/23 11:55

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Bis(2-chloroethyl)ether	ND		1.62	10.0
Chrysene	ND		0.332	1.00
Di-n-butyl phthalate	ND		0.266	3.00
Di-n-octyl phthalate	ND		0.278	3.00
Dibenz(a,h)anthracene	ND		0.279	1.00
Dibenzofuran	ND		0.338	10.0
Diethyl phthalate	ND		0.282	3.00
Dimethyl phthalate	ND		0.283	3.00
Diphenylamine	ND		1.19	10.0
Fluoranthene	ND		0.310	1.00
Fluorene	ND		0.323	1.00
Hexachloro-1,3-butadiene	ND		0.329	10.0
Hexachlorobenzene	ND		0.341	1.00
Hexachlorocyclopentadiene	ND		2.33	10.0
Hexachloroethane	ND		0.365	10.0
Indeno(1,2,3-cd)pyrene	ND		0.279	1.00
Isophorone	ND		0.272	10.0
Naphthalene	ND		0.372	1.00
Nitrobenzene	ND		0.367	10.0
Pentachlorophenol	ND		0.313	10.0
Phenanthrene	ND		0.366	1.00
Phenol	ND		0.334	10.0
Pyrene	ND		0.330	1.00
n-Nitrosodi-n-propylamine	ND		0.403	10.0
n-Nitrosodimethylamine	ND		1.26	10.0
n-Nitrosodiphenylamine	ND		1.19	10.0
(S) Phenol-d5	*18.9*			*10.0-120*
(S) 2,4,6-Tribromophenol	*46.8*			*10.0-155*
(S) p-Terphenyl-d14	*64.9*			*10.0-128*
(S) Nitrobenzene-d5	*53.8*			*10.0-127*
(S) 2-Fluorobiphenyl	*55.1*			*10.0-130*
(S) 2-Fluorophenol	*28.1*			*10.0-120*

Method Blank (MB)

(MB) R3987287-2 10/13/23 19:21

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
1,3,5-Trinitrobenzene	ND		1.32	10.0
1,3-Dinitrobenzene	ND		0.359	10.0
1,4-Naphthoquinone	ND		5.56	50.0
1-Naphthylamine	ND		0.289	10.0
2,6-Dichlorophenol	ND		2.77	10.0
2-Acetylaminofluorene	ND		0.253	10.0
2-Naphthylamine	ND		0.195	10.0
3,3-Dimethylbenzidine	ND		3.39	10.0
3-Methylcholanthrene	ND		0.164	10.0
4-Aminobiphenyl	ND		0.461	10.0
5-Nitro-o-toluidine	ND		1.99	10.0
Chlorobenzilate	ND		1.33	50.0
Diallate	ND		0.524	10.0
Dimethoate	ND		1.44	50.0
Dimethylbenz (A) Anthracene	ND		1.71	10.0
Dinoseb	ND		17.9	50.0
Diphenylamine	ND		1.19	10.0
Disulfoton	ND		0.267	10.0
Ethyl methanesulfonate	ND		0.326	10.0
Ethyl parathion	ND		0.379	10.0
Famphur	ND		1.06	20.0
Hexachloropropene	ND		0.149	50.0
Isodrin	ND		0.293	10.0
Isosafrole	ND		0.409	10.0
Kepone	ND		1.88	20.0
Methapyrilene	ND		4.25	50.0
Methyl methanesulfonate	ND		0.647	50.0
Methyl parathion	ND		0.213	10.0
O,O,O-Triethyl Phosphorothioate	ND		0.537	10.0
P-(Dimethylamino) Azobenzene	ND		0.208	10.0
Pentachlorobenzene	ND		0.369	10.0
Pentachloronitrobenzene	ND		0.327	10.0
Phenacetin	ND		0.262	10.0
Phorate	ND		0.382	50.0
Pronamide	ND		0.265	10.0
Safrole	ND		0.259	10.0
Thionazin	ND		0.204	10.0
n-Nitrosodi-n-butylamine	ND		0.331	10.0
n-Nitrosodiethylamine	ND		0.497	10.0

Method Blank (MB)

(MB) R3987287-2 10/13/23 19:21

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
n-Nitrosomethylethylamine	ND		1.71	10.0
n-Nitrosopiperidine	ND		0.268	10.0
n-Nitrosopyrrolidine	ND		2.55	10.0
o-Toluidine	ND		0.362	10.0
p-Phenylenediamine	ND		387	6900

Laboratory Control Sample (LCS)

(LCS) R3986579-1 10/12/23 11:34

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
1,2,4,5-Tetrachlorobenzene	50.0	28.3	56.6	31.0-121	
1,2,4-Trichlorobenzene	50.0	21.7	43.4	24.0-120	
2,2-Oxybis(1-Chloropropane)	50.0	29.5	59.0	28.0-120	
2,3,4,6-Tetrachlorophenol	50.0	30.8	61.6	42.0-132	
2,4,5-Trichlorophenol	50.0	29.8	59.6	44.0-120	
2,4,6-Trichlorophenol	50.0	29.4	58.8	42.0-120	
2,4-Dichlorophenol	50.0	23.2	46.4	36.0-120	
2,4-Dimethylphenol	50.0	25.1	50.2	33.0-120	
2,4-Dinitrophenol	50.0	36.9	73.8	10.0-120	
2,4-Dinitrotoluene	50.0	34.0	68.0	49.0-124	
2,6-Dinitrotoluene	50.0	34.4	68.8	46.0-120	
2-Chloronaphthalene	50.0	29.3	58.6	37.0-120	
2-Chlorophenol	50.0	24.1	48.2	25.0-120	
2-Methylnaphthalene	50.0	25.1	50.2	33.0-120	
2-Methylphenol	50.0	21.9	43.8	28.0-120	
2-Nitroaniline	50.0	33.2	66.4	43.0-120	
2-Nitrophenol	50.0	30.7	61.4	31.0-120	
3&4-Methyl Phenol	50.0	22.3	44.6	31.0-120	
3,3-Dichlorobenzidine	100	65.4	65.4	44.0-120	
3-Nitroaniline	50.0	30.9	61.8	38.0-120	
4,6-Dinitro-2-methylphenol	50.0	38.5	77.0	38.0-138	
4-Bromophenyl-phenylether	50.0	35.0	70.0	45.0-120	
4-Chloro-3-methylphenol	50.0	23.4	46.8	40.0-120	
4-Chloroaniline	50.0	22.2	44.4	25.0-120	
4-Chlorophenyl-phenylether	50.0	32.1	64.2	44.0-120	
4-Nitroaniline	50.0	30.1	60.2	18.0-160	
4-Nitrophenol	50.0	10.3	20.6	10.0-120	
Acenaphthene	50.0	30.7	61.4	41.0-120	

Laboratory Control Sample (LCS)

(LCS) R3986579-1 10/12/23 11:34

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acenaphthylene	50.0	29.6	59.2	43.0-120	
Acetophenone	50.0	33.5	67.0	29.0-120	
Anthracene	50.0	32.7	65.4	45.0-120	
Benzo(A)Anthracene	50.0	35.0	70.0	47.0-120	
Benzo(a)pyrene	50.0	32.7	65.4	47.0-120	
Benzo(b)fluoranthene	50.0	34.3	68.6	46.0-120	
Benzo(g,h,i)perylene	50.0	29.2	58.4	48.0-121	
Benzo(k)fluoranthene	50.0	33.9	67.8	46.0-120	
Benzyl Alcohol	50.0	22.9	45.8	25.0-120	
Benzylbutyl phthalate	50.0	39.7	79.4	43.0-121	
Bis(2-Ethylhexyl)phthalate	50.0	35.9	71.8	43.0-122	
Bis(2-chlorethoxy)methane	50.0	28.5	57.0	33.0-120	
Bis(2-chloroethyl)ether	50.0	30.8	61.6	23.0-120	
Chrysene	50.0	33.6	67.2	48.0-120	
Di-n-butyl phthalate	50.0	40.6	81.2	49.0-121	
Di-n-octyl phthalate	50.0	35.7	71.4	42.0-125	
Dibenz(a,h)anthracene	50.0	31.8	63.6	47.0-120	
Dibenzofuran	50.0	29.6	59.2	44.0-120	
Diethyl phthalate	50.0	34.6	69.2	48.0-122	
Dimethyl phthalate	50.0	32.9	65.8	48.0-120	
Diphenylamine	50.0	31.4	62.8	35.0-120	
Fluoranthene	50.0	34.4	68.8	51.0-120	
Fluorene	50.0	31.6	63.2	47.0-120	
Hexachloro-1,3-butadiene	50.0	23.1	46.2	19.0-120	
Hexachlorobenzene	50.0	33.3	66.6	44.0-120	
Hexachlorocyclopentadiene	50.0	20.0	40.0	15.0-120	
Hexachloroethane	50.0	28.4	56.8	15.0-120	
Indeno(1,2,3-cd)pyrene	50.0	29.2	58.4	49.0-122	
Isophorone	50.0	27.8	55.6	36.0-120	
Naphthalene	50.0	24.9	49.8	27.0-120	
Nitrobenzene	50.0	27.8	55.6	27.0-120	
Pentachlorophenol	50.0	25.2	50.4	23.0-120	
Phenanthrene	50.0	33.4	66.8	46.0-120	
Phenol	50.0	12.0	24.0	10.0-120	
Pyrene	50.0	34.8	69.6	47.0-120	
n-Nitrosodi-n-propylamine	50.0	33.9	67.8	31.0-120	
n-Nitrosodimethylamine	50.0	18.0	36.0	10.0-120	
n-Nitrosodiphenylamine	50.0	31.4	62.8	47.0-120	
(S) Phenol-d5			*22.0*	*10.0-120*	
(S) 2,4,6-Tribromophenol			*61.5*	*10.0-155*	

Laboratory Control Sample (LCS)

(LCS) R3986579-1 10/12/23 11:34

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
(S) p-Terphenyl-d14			*66.9*	*10.0-128*	
(S) Nitrobenzene-d5			*51.8*	*10.0-127*	
(S) 2-Fluorobiphenyl			*54.6*	*10.0-130*	
(S) 2-Fluorophenol			*29.6*	*10.0-120*	

Laboratory Control Sample (LCS)

(LCS) R3987287-1 10/13/23 19:03

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
1,3,5-Trinitrobenzene	50.0	39.8	79.6	37.0-147	
1,3-Dinitrobenzene	50.0	33.0	66.0	34.0-120	
1,4-Naphthoquinone	50.0	5.87	11.7	50.0-150	J4
1-Naphthylamine	50.0	25.0	50.0	19.0-120	
2,6-Dichlorophenol	50.0	23.1	46.2	19.0-136	
2-Acetylaminofluorene	50.0	32.0	64.0	32.0-120	
2-Naphthylamine	50.0	18.5	37.0	10.0-120	
3,3-Dimethylbenzidine	50.0	3.15	6.30	13.0-120	J4
3-Methylcholanthrene	50.0	36.2	72.4	30.0-160	
4-Aminobiphenyl	50.0	27.3	54.6	20.0-120	
5-Nitro-o-toluidine	50.0	34.2	68.4	34.0-120	
Chlorobenzilate	50.0	40.9	81.8	29.0-128	
Diallate	50.0	33.2	66.4	30.0-120	
Dimethoate	50.0	28.6	57.2	11.0-134	
Dimethylbenz (A) Anthracene	50.0	30.8	61.6	14.0-124	
Dinoseb	50.0	34.5	69.0	39.0-120	
Diphenylamine	50.0	31.0	62.0	35.0-120	
Disulfoton	50.0	34.7	69.4	32.0-120	
Ethyl methanesulfonate	50.0	24.4	48.8	10.0-120	
Ethyl parathion	50.0	36.5	73.0	46.0-130	
Famphur	50.0	37.6	75.2	32.0-120	
Hexachloropropene	50.0	22.6	45.2	10.0-120	
Isodrin	50.0	28.9	57.8	22.0-157	
Isosafrole	50.0	28.4	56.8	25.0-133	
Kepone	50.0	17.8	35.6	10.0-120	
Methapyrilene	50.0	5.76	11.5	10.0-120	
Methyl methanesulfonate	50.0	20.7	41.4	10.0-120	
Methyl parathion	50.0	43.8	87.6	42.0-120	
O,O,O-Triethyl Phosphorothioate	50.0	27.0	54.0	11.0-135	

Laboratory Control Sample (LCS)

(LCS) R3987287-1 10/13/23 19:03

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
P-(Dimethylamino) Azobenzene	50.0	29.3	58.6	27.0-120	
Pentachlorobenzene	50.0	30.1	60.2	25.0-120	
Pentachloronitrobenzene	50.0	34.9	69.8	34.0-132	
Phenacetin	50.0	30.4	60.8	34.0-127	
Phorate	50.0	37.8	75.6	13.0-160	
Pronamide	50.0	37.9	75.8	38.0-130	
Safrole	50.0	26.5	53.0	21.0-120	
Thionazin	50.0	34.9	69.8	38.0-121	
n-Nitrosodi-n-butylamine	50.0	28.8	57.6	13.0-143	
n-Nitrosodiethylamine	50.0	23.1	46.2	10.0-120	
n-Nitrosomethylethylamine	50.0	19.7	39.4	10.0-120	
n-Nitrosopiperidine	50.0	23.3	46.6	10.0-160	
n-Nitrosopyrrolidine	50.0	23.7	47.4	10.0-124	
o-Toluidine	50.0	19.3	38.6	10.0-120	
p-Phenylenediamine	50.0	0.000	0.000	50.0-150	J4

L1663622-23 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1663622-23 10/12/23 13:22 • (MS) R3986579-3 10/12/23 13:44 • (MSD) R3986579-4 10/12/23 14:06

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
1,2,4,5-Tetrachlorobenzene	45.5	ND	21.2	24.7	46.6	51.9	1	19.0-122			15.3	32
1,2,4-Trichlorobenzene	45.5	ND	17.1	18.8	37.6	39.5	1	15.0-120			9.47	31
2,2-Oxybis(1-Chloropropane)	45.5	ND	24.2	26.4	53.2	55.5	1	18.0-120			8.70	34
2,3,4,6-Tetrachlorophenol	45.5	ND	ND	ND	46.6	58.2	1	17.0-142			26.6	34
2,4,5-Trichlorophenol	45.5	ND	18.6	25.6	40.9	53.8	1	33.0-120		J3	31.7	31
2,4,6-Trichlorophenol	45.5	ND	17.3	24.3	38.0	51.1	1	26.0-120		J3	33.7	31
2,4-Dichlorophenol	45.5	ND	13.2	18.7	29.0	39.3	1	19.0-120		J3	34.5	27
2,4-Dimethylphenol	45.5	ND	11.8	20.9	25.9	43.9	1	15.0-120		J3	55.7	28
2,4-Dinitrophenol	45.5	ND	ND	ND	56.0	68.1	1	10.0-120			23.8	40
2,4-Dinitrotoluene	45.5	ND	27.6	29.2	60.7	61.3	1	39.0-125			5.63	25
2,6-Dinitrotoluene	45.5	ND	27.9	29.4	61.3	61.8	1	36.0-120			5.24	27
2-Chloronaphthalene	45.5	ND	22.6	25.2	49.7	52.9	1	29.0-120			10.9	28
2-Chlorophenol	45.5	ND	15.0	20.3	33.0	42.6	1	18.0-120			30.0	34
2-Methylnaphthalene	45.5	ND	18.9	21.0	41.5	44.1	1	17.0-120			10.5	28
2-Methylphenol	45.5	ND	13.5	18.9	29.7	39.7	1	10.0-120		J3	33.3	30
2-Nitroaniline	45.5	ND	ND	ND	60.9	63.0	1	33.0-120			7.97	27
2-Nitrophenol	45.5	ND	18.4	24.2	40.4	50.8	1	20.0-120			27.2	30
3&4-Methyl Phenol	45.5	ND	14.1	19.2	31.0	40.3	1	10.0-120			30.6	36

L1663622-23 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1663622-23 10/12/23 13:22 • (MS) R3986579-3 10/12/23 13:44 • (MSD) R3986579-4 10/12/23 14:06

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
3,3-Dichlorobenzidine	91.0	ND	52.6	56.1	57.8	58.9	1	10.0-134			6.44	30
3-Nitroaniline	45.5	ND	ND	ND	54.7	59.2	1	20.0-120			12.4	27
4,6-Dinitro-2-methylphenol	45.5	ND	ND	ND	61.1	68.7	1	10.0-144			16.2	39
4-Bromophenyl-phenylether	45.5	ND	ND	ND	57.8	61.6	1	37.0-120			10.8	24
4-Chloro-3-methylphenol	45.5	ND	13.7	19.7	30.1	41.4	1	26.0-120		J3	35.9	27
4-Chloroaniline	45.5	ND	15.7	18.7	34.5	39.3	1	10.0-120			17.4	31
4-Chlorophenyl-phenylether	45.5	ND	24.2	26.6	53.2	55.9	1	36.0-120			9.45	23
4-Nitroaniline	45.5	ND	ND	ND	51.4	56.1	1	10.0-160			13.2	26
4-Nitrophenol	45.5	ND	ND	ND	17.3	17.6	1	10.0-120			6.04	40
Acenaphthene	45.5	ND	23.4	26.6	51.4	55.9	1	28.0-120			12.8	25
Acenaphthylene	45.5	ND	23.1	25.7	50.8	54.0	1	31.0-121			10.7	25
Acetophenone	45.5	ND	27.0	30.2	59.3	63.4	1	20.0-120			11.2	35
Anthracene	45.5	ND	26.2	27.6	57.6	58.0	1	36.0-120			5.20	23
Benzo(A)Anthracene	45.5	ND	24.8	28.4	54.5	59.7	1	39.0-120			13.5	23
Benzo(a)pyrene	45.5	ND	21.0	25.4	46.2	53.4	1	37.0-120			19.0	24
Benzo(b)fluoranthene	45.5	ND	22.2	26.4	48.8	55.5	1	37.0-120			17.3	23
Benzo(g,h,i)perylene	45.5	ND	17.6	21.7	38.7	45.6	1	37.0-123			20.9	25
Benzo(k)fluoranthene	45.5	ND	22.1	26.1	48.6	54.8	1	37.0-120			16.6	26
Benzyl Alcohol	45.5	ND	17.7	21.1	38.9	44.3	1	14.0-120			17.5	38
Benzylbutyl phthalate	45.5	ND	31.0	34.3	68.1	72.1	1	34.0-126			10.1	24
Bis(2-Ethylhexyl)phthalate	45.5	ND	21.7	26.5	47.7	55.7	1	33.0-126			19.9	25
Bis(2-chlorethoxy)methane	45.5	ND	23.3	25.6	51.2	53.8	1	17.0-120			9.41	31
Bis(2-chloroethyl)ether	45.5	ND	27.5	31.6	60.4	66.4	1	14.0-120			13.9	33
Chrysene	45.5	ND	23.9	27.3	52.5	57.4	1	38.0-120			13.3	23
Di-n-butyl phthalate	45.5	ND	32.2	33.5	70.8	70.4	1	35.0-128			3.96	23
Di-n-octyl phthalate	45.5	ND	21.2	26.0	46.6	54.6	1	25.0-135			20.3	26
Dibenz(a,h)anthracene	45.5	ND	ND	23.5	41.3	49.4	1	36.0-121			22.2	24
Dibenzofuran	45.5	ND	22.9	25.9	50.3	54.4	1	32.0-120			12.3	26
Diethyl phthalate	45.5	ND	29.3	30.1	64.4	63.2	1	39.0-125			2.69	24
Dimethyl phthalate	45.5	ND	26.1	28.4	57.4	59.7	1	37.0-120			8.44	24
Diphenylamine	45.5	ND	26.0	26.6	57.1	55.9	1	35.0-120			2.28	30
Fluoranthene	45.5	ND	27.5	28.5	60.4	59.9	1	41.0-121			3.57	22
Fluorene	45.5	ND	23.4	26.1	51.4	54.8	1	37.0-120			10.9	24
Hexachloro-1,3-butadiene	45.5	ND	17.3	19.6	38.0	41.2	1	12.0-120			12.5	34
Hexachlorobenzene	45.5	ND	25.3	28.1	55.6	59.0	1	35.0-122			10.5	24
Hexachlorocyclopentadiene	45.5	ND	ND	ND	24.2	37.0	1	10.0-120		J3	46.2	33
Hexachloroethane	45.5	ND	22.0	24.2	48.4	50.8	1	10.0-120			9.52	40
Indeno(1,2,3-cd)pyrene	45.5	ND	17.2	21.5	37.8	45.2	1	38.0-125	J6		22.2	24
Isophorone	45.5	ND	21.8	24.4	47.9	51.3	1	21.0-120			11.3	27
Naphthalene	45.5	ND	19.2	21.2	42.2	44.5	1	10.0-120			9.90	31

L1663622-23 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1663622-23 10/12/23 13:22 • (MS) R3986579-3 10/12/23 13:44 • (MSD) R3986579-4 10/12/23 14:06

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Nitrobenzene	45.5	ND	22.6	24.1	49.7	50.6	1	12.0-120			6.42	30
Pentachlorophenol	45.5	ND	ND	ND	42.4	47.7	1	10.0-128			16.2	37
Phenanthrene	45.5	ND	26.1	27.8	57.4	58.4	1	33.0-120			6.31	22
Phenol	45.5	ND	11.4	10.6	25.1	22.3	1	10.0-120			7.27	40
Pyrene	45.5	ND	28.0	30.1	61.5	63.2	1	39.0-120			7.23	22
n-Nitrosodi-n-propylamine	45.5	ND	26.7	30.6	58.7	64.3	1	16.0-120			13.6	30
n-Nitrosodimethylamine	45.5	ND	16.2	17.5	35.6	36.8	1	10.0-120			7.72	40
n-Nitrosodiphenylamine	45.5	ND	26.0	26.6	57.1	55.9	1	37.0-120			2.28	24
(S) Phenol-d5					*18.6*	*20.0*		*10.0-120*				
(S) 2,4,6-Tribromophenol					*43.7*	*53.2*		*10.0-155*				
(S) p-Terphenyl-d14					*50.8*	*56.9*		*10.0-128*				
(S) Nitrobenzene-d5					*45.8*	*46.5*		*10.0-127*				
(S) 2-Fluorobiphenyl					*47.3*	*48.6*		*10.0-130*				
(S) 2-Fluorophenol					*23.3*	*27.2*		*10.0-120*				

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
P	RPD between the primary and confirmatory analysis exceeded 40%.
V	The sample concentration is too high to evaluate accurate spike recoveries.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address:

Eco-Vista (Tontitown)LF

88 Joyce Lane
Russellville, AR 72801

Billing Information:
jreyno10@wm.com
P.O. Box 4745
WM A/P DEPARTMENT
Portland, OR 97208-4745

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page 1 of 2

Pace PEOPLE ADVANCING SCIENCE

MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

Report to: Jodi Reynolds

Email To: ciara.childers.beavers@jettenviro.com;jeffholm

Project Description: Eco-Vista LF-GW-Apr & Oct

City/State Collected:

Please Circle: PT MT CT ET

Phone: 501-993-8966

Client Project # 200

Lab Project # WMECOVISAR-00013

Collected by (print): Chris Fincher

Site/Facility ID # AR03

P.O. #

Collected by (signature): [signature]

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

SDG # L1664045

F067

Acctnum: WMECOVISAR
Template: T238606
Prelogin: P1026525
PM: 616 - Stacy Kennedy
PB: 9/26/23 TLS
Shipped Via: FedEX Ground

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	8081/8082 100ml Amb-NoPres	8270AP9 100ml Amb NoPres	CHLORIDE 125mlHDPE-NoPres	CHLORIDE,SULFATE 125mlHDPE-NoPres	CN 250mlHDPEAmb-NaOH	Metals 250mlHDPE-HNO3	NH3 250mlHDPE-H2SO4	SULFIDE 250mlAmb-S-NaOH+ZnAc	SV8151 1L-Amb-No Pres	TDS 1L-HDPE NoPres	Remarks	Sample # (lab only)
Pres Chk											>12 Rcl	<2	<2					
LGW-6	Grab	GW	51.15	10.5.23	1355	16	X	X		X	X	X	X	X	X	X		-01
LGW-7	↓	GW	44.55	10.5.23	1700	4			X			X	X					-02
LGW-8R		GW	11.20	10.5.23	1735	4			X			X	X					-03
LGW-9		GW	55.45	10.5.23	1900	16	X	X		X	X	X	X	X	X	X		-04
LGW-10		GW	61.25	10.5.23	1815	16	X	X		X	X	X	X	X	X	X		-05
LGW-14R		GW	58.30	10.5.23	1325	2			X				X					-06
~~MW-7N~~		GW				3			X				X					
~~MW-15~~		GW				2			X				X					
~~MW-16~~		GW				2			X				X					
~~MW-17~~		GW				2			X				X					

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other ______

Remarks:

pH ______ Temp ______
Flow ______ Other ______

Samples returned via: __ UPS __ FedEx __ Courier ______

Tracking #

PH-10BDH4321 TRC-2352362
CR6-20221V
PH-10BDH4321 TRC-2352362
CR6-20221V

Sample Receipt Checklist
COC Seal Present/Intact: _NP X Y _N
COC Signed/Accurate: ✓ Y _N
Bottles arrive intact: ✓ _N
Correct bottles used: ✓ _N
Sufficient volume sent: ✓ Y _N
If Applicable
VOA Zero Headspace: ✓ _N
Preservation Correct/Checked: ✓ _N
RAD Screen <0.5 mR/hr: X Y _N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: (Yes) / No HCL / MeoH TBR	
[signature]	10.6.23	1200		2	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: CCAB °C 5.7=10	Bottles Received: 101
				If preservation required by Login: Date/Time	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) Christopher L. Gallin (CLG)	Date: 10/7/23 Time: 0900	Hold: Condition: NCF / (OK)

Company Name/Address:
Eco-Vista (Tontitown)LF

88 Joyce Lane
Russellville, AR 72801

Billing Information:
jreyno10@wm.com
P.O. Box 4745
WM A/P DEPARTMENT
Portland, OR 97208-4745

Pres Chk

Report to: **Jodi Reynolds**

Email To: ciara.childers.beavers@jettenviro.com;jeffholm

Project Description: **Eco-Vista LF-GW-Apr & Oct**

City/State Collected:

Please Circle: PT MT CT ET

Phone: **501-993-8966**

Client Project # **200**

Lab Project # **WMECOVISAR-00020**

Collected by (print): Chris Finch

Site/Facility ID # **AR03**

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	8081/8082 100ml Amb-NoPres	8270AP9 100ml Amb NoPres	CHLORIDE 125mlHDPE-NoPres	CHLORIDE,SULFATE 125mlHDPE-NoPres	CN 250mlHDPEAmb-NaOH	Metals 250mlHDPE-HNO3	NH3 250mlHDPE-H2SO4	SULFIDE 250mlAmb-S-NaOH+ZnAc	SV8151 1L-Amb-No Pres	TDS 1L-HDPE NoPres	Remarks	Sample # (lab only)
~~NE-14S~~		GW				7				X		X				X		
NE-15D	Grab	GW	48.75	10.6.23	1000	7				X		X				X		-07
~~NE-15S~~ Dry		GW				7				X		X				X		
MW-3N	Grab	GW	44.35	10.6.23	0825	7				X		X				X		-06
MW-8N	Grab	GW	30.30	10.5.23	1455	15	X	X		X	X	X		X	X	X		-04
MW-21	Grab	GW	24.00	10.6.23	0915	7				X		X				X		-10
NE-9	Grab	GW	11.20	10.6-23	1040	7				X		X				X		-11
~~FB~~		GW				8				X		X	X			X		
TRIP BLANK		GW				~~7~~												-12
		GW				7				X		X				X		

Chain of Custody Page 2 of 2

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN
12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1164045

Table #

Acctnum: **WMECOVISAR**
Template: **T238606**
Prelogin: **P1026525**
PM: **616 - Stacy Kennedy**
PB: 9/26/25 TLS
Shipped Via: **FedEX Ground**

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH ___ Temp ___
Flow ___ Other ___

Samples returned via: __ UPS __ FedEx __ Courier ___

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP X Y __N
COC Signed/Accurate: X Y __N
Bottles arrive intact: X Y __N
Correct bottles used: X Y __N
Sufficient volume sent: X Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: X Y __N
RAD Screen <0.5 mR/hr: X Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: (Yes / No) HCL / MeoH TBR
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 0.8 °C Bottles Received: 5740
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) Christopher L. Hollin	Date: 10/7/23 Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / (OK)

L 1664005

Tracking Numbers		Temperature
7014 8788 5214		5.2+0
7014 8788 5199		3.0+0
7014 8788 5225		.1+0
7014 8788 5203		-1+0

Name

Date

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: EVLF

Site No.:

Sample Point: LGW-6 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
10 05 23	13:30				

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment … Dedicated: [X] or [N]

Purging Device: C

Sampling Device: C

X-Other:

A- Submersible Pump; B-Peristaltic Pump; C-QED Bladder Pump; D-Bailer; E-Piston Pump; F-Dipper/Bottle

Filter Device: [Y] or [X] [0.45 µ] or [ ] µ (circle or fill in)

Filter Type: A-In-line Disposable; B-Pressure; C-Vacuum; X-Other

Sample Tube Type: D (A-Teflon; B-Stainless Steel; C-PVC; D-Polypropylene; X-Other:)

WELL DATA

Well Elevation (at TOC): (ft/msl)

Depth to Water (DTW) (from TOC): 51.10 (ft)

Groundwater Elevation (site datum, from TOC): (ft/msl)

Total Well Depth (from TOC): (ft)

Stick Up (from ground elevation): (ft)

Casing ID: 2 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
13:35	300 1st	6.86 1st	714	20.2	3.3	6.5	61.8	51.15
13:40	300 2nd	6.33 2nd	804	18.9	3.4	3.3	23.5	51.15
13:45	300 3rd	6.32 3rd	843	18.7	3.9	1.0	8.4	51.15
13:50	300 4th	6.34 4th	859	18.6	3.4	0.9	1.6	51.15
13:55	300	6.34	868	18.8	3.1	0.8	-9.3	51.15
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: / Units
10 05 23	6.34	868	18.8	3.1	0.8	-9.3	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: clear Odor: none Color: clear Other:

Weather Conditions (required daily, or as conditions change): Direction/Speed: Outlook: Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required):

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
10/5/23			Ramos

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client

ORIGINAL COPY

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: EVLF

Site No.: ____ Sample Point: LGW-7 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: ____

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
10 05 23	16:30	:			

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment … Dedicated: [Y] or [N]

Filter Device: [Y] or [X] [0.45 µ] or [ ] µ (circle or fill in)

Purging Device [C]

Sampling Device [C]

A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Filter Type: [ ] A-In-line Disposable, B-Pressure, C-Vacuum, X-Other ____

X-Other: ____

Sample Tube Type: [D] A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: ____

WELL DATA

Well Elevation (at TOC) (ft/msl)	Depth to Water (DTW) (from TOC) (ft)	Groundwater Elevation (site datum, from TOC) (ft/msl)
	43.65	

Total Well Depth (from TOC) (ft)	Stick Up (from ground elevation) (ft)	Casing ID (in)	Casing Material
		2	PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
16:35	200 1st	7.06 1st	6510	18.5	52	4.9	257	44.40
16:40	200 2nd	7.02 2nd	6388	18.3	28	3.7	421	44.45
16:45	200 3rd	6.93 3rd	6673	18.2	27	3.2	550	44.45
16:50	200 4th	6.78 4th	7120	18.3	27	2.2	716	44.45
16:55	200	6.71	7139	18.1	26	2.0	852	44.45
17:00	200	6.69	7144	18.2	26	1.9	910	44.55
:								
:								
:								
:								
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	–	–	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
10 05 23	6.69	7144	18.2	26	1.9	910	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

Sample Appearance: clear Odor: none Color: clear Other: ____

Weather Conditions (required daily, or as conditions change): Direction/Speed: ____ Outlook: ____ Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): ____

FIELD COMMENTS

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
10/5/23			

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client

ORIGINAL COPY

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: EVLF

Site No.: ____ Sample Point: LGW-8R (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: ____

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
10 05 23	17:10				

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment … Dedicated: [X] or [N]

Filter Device: [Y] or [X] [0.45 µ] or [ ] µ (circle or fill in)

Purging Device [C]
A- Submersible Pump D-Bailer
B-Peristaltic Pump E-Piston Pump
C-QED Bladder Pump F-Dipper/Bottle

Filter Type: [ ]
A-In-line Disposable C-Vacuum
B-Pressure X-Other ____

Sampling Device [C]

X-Other: ____

Sample Tube Type: [D]
A-Teflon C-PVC X-Other: ____
B-Stainless Steel D-Polypropylene

WELL DATA

Well Elevation (at TOC) (ft/msl)	Depth to Water (DTW) (from TOC) (ft)	Groundwater Elevation (site datum, from TOC) (ft/msl)
	109.0	

Total Well Depth (from TOC) (ft)	Stick Up (from ground elevation) (ft)	Casing ID (in)	Casing Material
		2	PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
17:15	~~200~~ 1st	6.65 1st	856	18.0	2.5	2.6	95.8	111.15
17:20	~~200~~ 2nd	6.64 2nd	865	17.4	2.4	0.9	98.4	111.12
17:25	~~200~~ 3rd	6.64 3rd	871	17.3	2.4	0.5	97.3	111.12
17:30	~~200~~ 4th	6.64 4th	872	17.3	2.5	0.4	96.4	111.12
17:35	~~200~~	6.64	873	17.3	2.5	0.4	95.9	111.12
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
10 05 23	6.64	873	17.3	2.5	0.4	95.9	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: clear Odor: none Color: clear Other: ____

Weather Conditions (required daily, or as conditions change): Direction/Speed: ____ Outlook: ____ Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): ____

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
10/5/23			Prony

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client

ORIGINAL COPY

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: EVLF
Site No.:
Sample Point: LGW-9 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
10 05 23	18:35	:			

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment … Dedicated: [X] or [N]

Purging Device: C
Sampling Device: C
X-Other:

A- Submersible Pump
B-Peristaltic Pump
C-QED Bladder Pump
D-Bailer
E-Piston Pump
F-Dipper/Bottle

Filter Device: [Y] or [X] [0.45 µ] or [ ] µ (circle or fill in)

Filter Type:
A-In-line Disposable
B-Pressure
C-Vacuum
X-Other

Sample Tube Type: D
A-Teflon
B-Stainless Steel
C-PVC
D-Polypropylene
X-Other:

WELL DATA

Well Elevation (at TOC)	Depth to Water (DTW) (from TOC)	Groundwater Elevation (site datum, from TOC)
(ft/msl)	54.24 (ft)	(ft/msl)

Total Well Depth (from TOC)	Stick Up (from ground elevation)	Casing ID	Casing Material
(ft)	(ft)	2 (in)	PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
18:40	200 1st	6.68 1st	9129	17.8	27	5.1	215	55.25
18:45	200 2nd	6.42 2nd	9129	17.2	28	1.6	553	55.35
18:50	200 3rd	6.41 3rd	9131	17.3	25	0.8	668	55.45
18:55	200 4th	6.41 4th	9131	17.2	26	0.5	749	55.55
19:00	200	6.41	9130	17.2	28	0.4	797	55.45
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:								
:								
:								
:								
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	–	–	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
10 05 23	6.41	9130	17.2	28	0.4	797	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

Sample Appearance: Clear Odor: None Color: Clear Other:

Weather Conditions (required daily, or as conditions change): Direction/Speed: Outlook: Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required):

FIELD COMMENTS

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
10, 5, 23			Promag

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client

ORIGINAL COPY

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: EVLF

Site No.: ____ Sample Point: 26W-10 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: ____

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
10 05 23	17:50	:			

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment … Dedicated: [X] or [N]

Purging Device [C]

Sampling Device [C]

A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

X-Other: ____

Filter Device: [Y] or [X] [0.45 µ] or [ ] µ (circle or fill in)

Filter Type: [ ] A-In-line Disposable, B-Pressure, C-Vacuum, X-Other ____

Sample Tube Type: [D] A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: ____

WELL DATA

Well Elevation (at TOC) (ft/msl)	Depth to Water (DTW) (from TOC) (ft)	Groundwater Elevation (site datum, from TOC) (ft/msl)
	59.58	

Total Well Depth (from TOC) (ft)	Stick Up (from ground elevation) (ft)	Casing ID (in)	Casing Material
		2	PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
17:55	200 1st	6.71 1st	1911	20.3	4.6	5.0	182.4	60.45
18:00	200 2nd	6.45 2nd	10415	17.6	3.9	1.3	-233	60.90
18:05	200 3rd	6.46 3rd	10418	17.4	3.5	0.6	-322	61.05
18:10	200 4th	6.46 4th	10417	17.4	3.5	0.4	-348	61.15
18:15	200	6.47	10418	17.5	3.4	0.3	-370	61.25
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:								
:								
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	–	–	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
10 05 23	6.47	10418	17.5	3.4	0.3	-370	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: Clear Odor: None Color: Clear Other: ____

Weather Conditions (required daily, or as conditions change): Direction/Speed: ____ Outlook: ____ Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): ____

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
10/5/23			Pasney

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client

ORIGINAL COPY

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: EVLF

Site No.: | | | | | Sample Point: LGW-14R (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: _____

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
10 05 23	13:00	:			

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment … Dedicated: [X] or [N]

Purging Device [C]
Sampling Device [C]
X-Other:

A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Filter Device: [Y] or [X] [0.45 µ] or [ ] µ (circle or fill in)
Filter Type: [ ] A-In-line Disposable, B-Pressure, C-Vacuum, X-Other
Sample Tube Type: [D] A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC)	Depth to Water (DTW) (from TOC)	Groundwater Elevation (site datum, from TOC)
(ft/msl)	56.60 (ft)	(ft/msl)

Total Well Depth (from TOC)	Stick Up (from ground elevation)	Casing ID	Casing Material
(ft)	(ft)	2 (in)	PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
13:05	200 1st	7.10 1st	616.2	21.7	2.5	8.1	126	57.30
13:10	200 2nd	6.89 2nd	714.2	20.0	2.7	5.6	44.9	58.10
13:15	200 3rd	6.87 3rd	751.0	20.1	2.7	3.9	56.3	58.20
13:20	200 4th	6.87 4th	751.1	19.9	2.7	3.8	60.4	58.25
13:25	200	6.86	751.0	19.7	2.9	3.8	64.3	58.30
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:								
:								
:								
:								
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
10 05 23	6.86	751.0	19.7	2.9	3.8	64.3	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

Sample Appearance: Clear Odor: none Color: Clear Other: _____

Weather Conditions (required daily, or as conditions change): Mostly Sunny Direction/Speed: E @ 5-10 g/h Outlook: Sunny 80s Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): _____

FIELD COMMENTS

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
10/5/23			Pconsy

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client

ORIGINAL COPY

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: EVLF

Site No.: ____ Sample Point: NE-15D (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: ____

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
10 06 23	09:30	:			

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: [Y] or [N]

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other: ____

Filter Device: Y or [X] — 0.45 µ or ____ µ (circle or fill in)

Filter Type: ____ — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other ____

Sample Tube Type: 0 — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: ____

WELL DATA

Well Elevation (at TOC) (ft/msl)	Depth to Water (DTW) (from TOC) (ft)	Groundwater Elevation (site datum, from TOC) (ft/msl)
	47.64	

Total Well Depth (from TOC) (ft): ____ Stick Up (from ground elevation) (ft): ____ Casing ID: 2 (in) Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
09:35	200 1st	6.59 1st	561.0 1st	17.3	4.6	3.9	-11.1	48.20
09:40	200 2nd	7.05 2nd	693 2nd	15.7	3.1	6.7	-7.6	48.35
09:45	200 3rd	6.92 3rd	749 3rd	14.8	3.3	2.3	39.3	48.55
09:50	200 4th	6.91 4th	751 4th	14.8	2.9	1.4	46.9	48.65
09:55	200	6.90	749	14.7	2.8	1.2	49.8	48.75
10:00	200	6.91	746	14.7	2.8	1.0	52.7	48.75
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:								
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
10 06 23	6.91	746	14.7	2.8	1.0	52.7	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

Sample Appearance: clear Odor: none Color: clear Other: ____

Weather Conditions (required daily, or as conditions change): Direction/Speed: ____ Outlook: ____ Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): ____

FIELD COMMENTS

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
10/6/23			

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client

ORIGINAL COPY

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: EVLF

Site No.: | | | | |

Sample Point: MW-3N (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: _____

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
10 06 23	08:00	:			

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment … Dedicated: [X] or [N]

Filter Device: [Y] or [X] [0.45 µ] or [ ] µ (circle or fill in)

Purging Device [C]

Sampling Device [C]

A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Filter Type: [ ] A-In-line Disposable, B-Pressure, C-Vacuum, X-Other: _____

X-Other: _____

Sample Tube Type: [D] A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: _____

WELL DATA

Well Elevation (at TOC)	Depth to Water (DTW) (from TOC)	Groundwater Elevation (site datum, from TOC)	Total Well Depth (from TOC)	Stick Up (from ground elevation)	Casing ID	Casing Material
(ft/msl)	43.88 (ft)	(ft/msl)	(ft)	(ft)	2 (in)	PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
08:05	200 1st	6.70 1st	843	14.9	4.2	2.0	103.5	44.15
08:10	200 2nd	6.67 2nd	825	15.0	3.5	0.9	105.8	44.25
08:15	200 3rd	6.66 3rd	813	15.1	3.2	0.6	108.3	44.25
08:20	200 4th	6.62 4th	810	15.2	3.2	0.5	110.0	44.30
08:25	200	6.62	788	15.2	3.2	0.5	110.5	44.35
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:								
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: _____ Units _____
10 06 23	6.62	788	15.2	3.2	0.5	110.5	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

Sample Appearance: Clear Odor: None Color: Clear Other: _____

Weather Conditions (required daily, or as conditions change): Direction/Speed: Calm Outlook: Sunny 70s-80s Precipitation: Y or [X]

Specific Comments (including purge/well volume calculations if required): _____

FIELD COMMENTS

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
10/5/23			Prony

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client

ORIGINAL COPY

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: EVLF

Site No.: ____ Sample Point: MW-8N (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: ____

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
10/05/23	14:36				

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment … Dedicated: [X] or [N]

Filter Device: [Y] or [X] [0.45 µ] or [____] µ (circle or fill in)

Purging Device [C]
Sampling Device [C]
X-Other: ____

A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Filter Type: [____]
A-In-line Disposable, B-Pressure, C-Vacuum, X-Other ____

Sample Tube Type: [D]
A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: ____

WELL DATA

Well Elevation (at TOC): ____ (ft/msl)
Depth to Water (DTW) (from TOC): 29.98 (ft)
Groundwater Elevation (site datum, from TOC): ____ (ft/msl)
Total Well Depth (from TOC): ____ (ft)
Stick Up (from ground elevation): ____ (ft)
Casing ID: 2 (in)
Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit		pH (std)		Conductance (SC/EC) (µmhos/cm @ 25 °C)		Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
14:35	200	1st	6.59	1st	616		18.9	32	1.2	647	30.15
14:40	200	2nd	6.44	2nd	610		18.7	35	0.8	734	30.13
14:45	200	3rd	6.42	3rd	615		17.6	30	0.4	873	30.13
14:50	200	4th	6.42	4th	611		17.7	33	0.4	902	30.13
14:55	200		6.41		612		17.9	37	0.3	918	30.13
Suggested range for 3 consec. readings or note Permit/State requirements:			+/- 0.2		+/- 3%		–	–	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
10/05/23	6.41	612	17.8	37	0.3	918	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: Clear Odor: None Color: Clear Other: ____

Weather Conditions (required daily, or as conditions change): Direction/Speed: ____ Outlook: ____ Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): ____

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
10/5/23			Pramco

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client

ORIGINAL COPY

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: EVLF

Site No.: ____ Sample Point: MW-21 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: ____

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
10 06 23	0840	:	.	.	.

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment … Dedicated: [X] or [N]

Purging Device [C] Sampling Device [C] X-Other: ____

A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Filter Device: [Y] or [X] [0.45 µ] or [ ] µ (circle or fill in)

Filter Type: [ ] A-In-line Disposable, B-Pressure, C-Vacuum, X-Other ____

Sample Tube Type: [D] A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: ____

WELL DATA

Well Elevation (at TOC) (ft/msl)	Depth to Water (DTW) (from TOC) (ft)	Groundwater Elevation (site datum, from TOC) (ft/msl)
	23.79	

Total Well Depth (from TOC) (ft)	Stick Up (from ground elevation) (ft)	Casing ID (in)	Casing Material
		2	PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
08:45	200 1st	5.99 1st	622	16.1	100	0.8	19.8	24.0
08:50	200 2nd	5.97 2nd	609	16.1	8.7	0.5	22.3	24.0
08:55	200 3rd	5.94 3rd	593	16.1	7.1	0.3	24.8	24.0
09:00	200 4th	5.93 4th	586	16.1	7.0	0.3	26.3	24.0
09:15	200	5.93	580	16.1	8.1	0.3	26.9	24.0
:								
:								
:								
:								
:								
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	–	–	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
10 06 23	5.93	580	16.1	8.1	0.3	26.9	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

Sample Appearance: Clear Odor: none Color: Clear Other: ____

Weather Conditions (required daily, or as conditions change): Direction/Speed: ____ Outlook: ____ Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): ____

FIELD COMMENTS

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
10/6/23			Prony

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client

ORIGINAL COPY

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: EVLF

Site No.: ____ Sample Point: NE-9 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: ____

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
10 06 23	10:20	:			

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment … Dedicated: [X] or [N]

Filter Device: [Y] or [X] [0.45 µ] or [ ] µ (circle or fill in)

Purging Device [C]

Sampling Device [C]

A- Submersible Pump B-Peristaltic Pump C-QED Bladder Pump D-Bailer E-Piston Pump F-Dipper/Bottle

Filter Type: [ ]

A-In-line Disposable B-Pressure C-Vacuum X-Other ____

X-Other: ____

Sample Tube Type: [D]

A-Teflon B-Stainless Steel C-PVC D-Polypropylene X-Other: ____

WELL DATA

Well Elevation (at TOC)	Depth to Water (DTW) (from TOC)	Groundwater Elevation (site datum, from TOC)
(ft/msl)	9.65 (ft)	(ft/msl)

Total Well Depth (from TOC)	Stick Up (from ground elevation)	Casing ID	Casing Material
(ft)	(ft)	2 (in)	PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
10:15	200 1st	6.35 1st	852	16.1	3.1	1.4	818.0	10.92
10:30	200 2nd	6.33 2nd	851	16.2	2.9	0.4	999	11.05
10:35	200 3rd	6.32 3rd	851	16.2	2.9	0.3	1028	11.15
10:40	200 4th	6.32 4th	851	16.2	2.8	0.3	1080	11.20
:								
:								
:								
:								
:								
:								
:								
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
10 06 23	6.32	851	16.2	2.8	0.3	1080	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: Clear Odor: None Color: Clear Other: ____

Weather Conditions (required daily, or as conditions change): Direction/Speed: ____ Outlook: ____ Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): ____

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
10 6 23			Prouty

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client

ORIGINAL COPY

ANALYTICAL REPORT

October 13, 2023

Eco-Vista (Tontitown)LF

Sample Delivery Group:	L1662806
Samples Received:	10/04/2023
Project Number:	200
Description:	Eco-Vista LF-GW-Apr & Oct
Site:	AR03
Report To:	Jodi Reynolds 88 Joyce Lane Russellville, AR 72801

Entire Report Reviewed By:

Stacy Kennedy
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

TABLE OF CONTENTS

LDS-1 L1662806-01 GW

Collected by: Chris Fincher | Collected date/time: 10/02/23 17:15 | Received date/time: 10/04/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2145503	50	10/05/23 16:37	10/05/23 16:37	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2148203	5	10/10/23 17:26	10/10/23 17:26	GEB	Mt. Juliet, TN

LDS-2 L1662806-02 GW

Collected by: Chris Fincher | Collected date/time: 10/02/23 17:45 | Received date/time: 10/04/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2145503	5	10/05/23 17:22	10/05/23 17:22	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2148203	10	10/10/23 17:39	10/10/23 17:39	GEB	Mt. Juliet, TN

LDS-3 L1662806-03 GW

Collected by: Chris Fincher | Collected date/time: 10/02/23 18:15 | Received date/time: 10/04/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2145503	500	10/05/23 17:24	10/05/23 17:24	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2148203	100	10/10/23 17:52	10/10/23 17:52	GEB	Mt. Juliet, TN

LDS-4 L1662806-04 GW

Collected by: Chris Fincher | Collected date/time: 10/02/23 18:45 | Received date/time: 10/04/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2145503	500	10/05/23 16:46	10/05/23 16:46	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2148204	100	10/11/23 10:41	10/11/23 10:41	HMM	Mt. Juliet, TN

LDS-5 L1662806-05 GW

Collected by: Chris Fincher | Collected date/time: 10/02/23 19:15 | Received date/time: 10/04/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2145503	500	10/05/23 16:48	10/05/23 16:48	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2148204	100	10/11/23 10:50	10/11/23 10:50	HMM	Mt. Juliet, TN

LDS-6 L1662806-06 GW

Collected by: Chris Fincher | Collected date/time: 10/02/23 19:45 | Received date/time: 10/04/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2145503	500	10/05/23 16:49	10/05/23 16:49	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2148204	100	10/11/23 11:00	10/11/23 11:00	HMM	Mt. Juliet, TN

LDS-7 L1662806-07 GW

Collected by: Chris Fincher | Collected date/time: 10/03/23 09:15 | Received date/time: 10/04/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2145503	100	10/05/23 17:25	10/05/23 17:25	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2148204	100	10/11/23 11:09	10/11/23 11:09	HMM	Mt. Juliet, TN

LDS-8 L1662806-08 GW

Collected by: Chris Fincher | Collected date/time: 10/03/23 09:45 | Received date/time: 10/04/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2145503	200	10/05/23 16:52	10/05/23 16:52	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2148204	100	10/11/23 11:19	10/11/23 11:19	HMM	Mt. Juliet, TN

LDS-9 L1662806-09 GW

Collected by: Chris Fincher | Collected date/time: 10/03/23 10:15 | Received date/time: 10/04/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2145503	10	10/05/23 16:54	10/05/23 16:54	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2148204	1	10/11/23 11:28	10/11/23 11:28	HMM	Mt. Juliet, TN

LDS-10 L1662806-10 GW

Collected by: Chris Fincher | Collected date/time: 10/03/23 10:45 | Received date/time: 10/04/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2145503	200	10/05/23 17:27	10/05/23 17:27	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2148204	100	10/11/23 12:25	10/11/23 12:25	HMM	Mt. Juliet, TN

LDS-11 L1662806-11 GW

Collected by: Chris Fincher | Collected date/time: 10/03/23 11:15 | Received date/time: 10/04/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2145503	500	10/05/23 17:28	10/05/23 17:28	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2148204	100	10/11/23 12:35	10/11/23 12:35	HMM	Mt. Juliet, TN

LDS-12 L1662806-12 GW

Collected by: Chris Fincher | Collected date/time: 10/03/23 11:45 | Received date/time: 10/04/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2145503	200	10/05/23 17:03	10/05/23 17:03	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2148204	100	10/11/23 12:45	10/11/23 12:45	HMM	Mt. Juliet, TN

LCS-1 L1662806-13 GW

Collected by: Chris Fincher | Collected date/time: 10/02/23 17:00 | Received date/time: 10/04/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2145503	500	10/05/23 17:04	10/05/23 17:04	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2148204	100	10/11/23 12:54	10/11/23 12:54	HMM	Mt. Juliet, TN

LCS-2 L1662806-14 GW

Collected by: Chris Fincher | Collected date/time: 10/02/23 17:30 | Received date/time: 10/04/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2145503	500	10/05/23 17:06	10/05/23 17:06	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2148204	100	10/11/23 13:04	10/11/23 13:04	HMM	Mt. Juliet, TN

LCS-3 L1662806-15 GW

Collected by: Chris Fincher | Collected date/time: 10/02/23 18:00 | Received date/time: 10/04/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2145503	500	10/05/23 17:07	10/05/23 17:07	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2148204	100	10/11/23 13:13	10/11/23 13:13	HMM	Mt. Juliet, TN

LCS-4 L1662806-16 GW

Collected by: Chris Fincher | Collected date/time: 10/02/23 18:30 | Received date/time: 10/04/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2145503	500	10/05/23 17:09	10/05/23 17:09	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2148204	100	10/11/23 13:23	10/11/23 13:23	HMM	Mt. Juliet, TN

LCS-5 L1662806-17 GW

Collected by: Chris Fincher | Collected date/time: 10/02/23 19:00 | Received date/time: 10/04/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2145503	500	10/05/23 17:10	10/05/23 17:10	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2148204	100	10/11/23 13:32	10/11/23 13:32	HMM	Mt. Juliet, TN

LCS-7 L1662806-18 GW

Collected by: Chris Fincher | Collected date/time: 10/03/23 09:00 | Received date/time: 10/04/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2145503	500	10/05/23 17:12	10/05/23 17:12	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2148204	100	10/11/23 14:01	10/11/23 14:01	HMM	Mt. Juliet, TN

LCS-8 L1662806-19 GW

Collected by: Chris Fincher | Collected date/time: 10/03/23 09:30 | Received date/time: 10/04/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2147303	500	10/08/23 11:32	10/08/23 11:32	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2148204	100	10/11/23 14:10	10/11/23 14:10	HMM	Mt. Juliet, TN

LCS-9 L1662806-20 GW

Collected by: Chris Fincher | Collected date/time: 10/03/23 10:00 | Received date/time: 10/04/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2147303	500	10/08/23 11:33	10/08/23 11:33	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2148204	100	10/11/23 14:20	10/11/23 14:20	HMM	Mt. Juliet, TN

LCS-10 L1662806-21 GW

Collected by: Chris Fincher | Collected date/time: 10/03/23 10:30 | Received date/time: 10/04/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2147303	500	10/08/23 11:35	10/08/23 11:35	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2148204	100	10/11/23 14:29	10/11/23 14:29	HMM	Mt. Juliet, TN

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

LCS-11 L1662806-22 GW

Collected by: Chris Fincher
Collected date/time: 10/03/23 11:00
Received date/time: 10/04/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2147303	500	10/08/23 11:36	10/08/23 11:36	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2148204	100	10/11/23 14:39	10/11/23 14:39	HMM	Mt. Juliet, TN

LCS-12 L1662806-23 GW

Collected by: Chris Fincher
Collected date/time: 10/03/23 11:30
Received date/time: 10/04/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2147303	500	10/08/23 11:38	10/08/23 11:38	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2148204	100	10/11/23 14:48	10/11/23 14:48	HMM	Mt. Juliet, TN

Unless qualified or notated within the narrative below, all sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Stacy Kennedy
Project Manager

Project Comments

The requested project specific reporting limits may be less than laboratory standard quantitation limits (PQL) but will be greater than or equal to the laboratory method detection limits (MDL). It is noted that results reported below lab standard quantitation limits (PQLs) may result in false positive/false negative values that may require additional laboratory quality assurance review, if requested. Routine laboratory procedures do not initiate a data review process for detections below the laboratory's PQL unless requested by the client.

Sample Delivery Group (SDG) Narrative

The laboratory analysis was performed from an unpreserved, insufficiently or inadequately preserved sample.

Batch	Method	Lab Sample ID
WG2145503	350.1	L1662806-03, 04, 06, 08, 11, 12, 13, 14, 15, 16, 17, 18
WG2147303	350.1	L1662806-19, 20, 21, 22, 23

Wet Chemistry by Method 9056A

The sample concentration is too high to evaluate accurate spike recoveries.

Batch	Lab Sample ID	Analytes
WG2148204	(MS) R3984960-7, L1662806-23	Chloride

The sample matrix interfered with the ability to make any accurate determination; spike value is low.

Batch	Lab Sample ID	Analytes
WG2148204	(MS) R3984960-4, (MSD) R3984960-5, L1662806-09	Chloride

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units
pH (On Site)	6.74	su
Specific Conductance (on site)	6183	umhos/cm
Temperature (on-site)	34.1	Deg. C
Turbidity (on-site)	4.89	NTU
Dissolved Oxygen (on-site)	0.41	mg/l
eH/ORP (On Site)	-203.6	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	17.9		1.58	50	10/05/2023 16:37	WG2145503

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	481		3.00	5	10/10/2023 17:26	WG2148203

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units
pH (On Site)	6.78	su
Specific Conductance (on site)	4079	umhos/cm
Temperature (on-site)	52.3	Deg. C
Turbidity (on-site)	11.83	NTU
Dissolved Oxygen (on-site)	2.21	mg/l
eH/ORP (On Site)	-138.1	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	10.6		0.158	5	10/05/2023 17:22	WG2145503

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	351		3.00	10	10/10/2023 17:39	WG2148203

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units
pH (On Site)	7.32	su
Specific Conductance (on site)	19733	umhos/cm
Temperature (on-site)	31	Deg. C
Turbidity (on-site)	8.87	NTU
Dissolved Oxygen (on-site)	0.79	mg/l
eH/ORP (On Site)	-207	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	159		15.8	500	10/05/2023 17:24	WG2145503

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	1750		5.19	100	10/10/2023 17:52	WG2148203

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units
pH (On Site)	7.54	su
Specific Conductance (on site)	18438	umhos/cm
Temperature (on-site)	31.6	Deg. C
Turbidity (on-site)	16.45	NTU
Dissolved Oxygen (on-site)	0.6	mg/l
eH/ORP (On Site)	-237.6	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	1030		15.8	500	10/05/2023 16:46	WG2145503

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	1110		5.19	100	10/11/2023 10:41	WG2148204

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units
pH (On Site)	7.41	su
Specific Conductance (on site)	11527	umhos/cm
Temperature (on-site)	28.1	Deg. C
Turbidity (on-site)	9.22	NTU
Dissolved Oxygen (on-site)	0.88	mg/l
eH/ORP (On Site)	-159.9	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	251		15.8	500	10/05/2023 16:48	WG2145503

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	480		5.19	100	10/11/2023 10:50	WG2148204

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units
pH (On Site)	7.59	su
Specific Conductance (on site)	13604	umhos/cm
Temperature (on-site)	25	Deg. C
Turbidity (on-site)	1.22	NTU
Dissolved Oxygen (on-site)	2.06	mg/l
eH/ORP (On Site)	-102.4	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	169		15.8	500	10/05/2023 16:49	WG2145503

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	1350		5.19	100	10/11/2023 11:00	WG2148204

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units
pH (On Site)	7.11	su
Specific Conductance (on site)	6375	umhos/cm
Temperature (on-site)	26.2	Deg. C
Turbidity (on-site)	4.71	NTU
Dissolved Oxygen (on-site)	1.89	mg/l
eH/ORP (On Site)	-159.4	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	88.5		3.17	100	10/05/2023 17:25	WG2145503

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	228		5.19	100	10/11/2023 11:09	WG2148204

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units
pH (On Site)	7.31	su
Specific Conductance (on site)	14601	umhos/cm
Temperature (on-site)	30.8	Deg. C
Turbidity (on-site)	15.61	NTU
Dissolved Oxygen (on-site)	4.22	mg/l
eH/ORP (On Site)	-34.3	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	978		6.34	200	10/05/2023 16:52	WG2145503

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	1180		5.19	100	10/11/2023 11:19	WG2148204

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units
pH (On Site)	6.25	su
Specific Conductance (on site)	2268	umhos/cm
Temperature (on-site)	26.6	Deg. C
Turbidity (on-site)	4.98	NTU
Dissolved Oxygen (on-site)	2.92	mg/l
eH/ORP (On Site)	-135.5	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	14.2		0.317	10	10/05/2023 16:54	WG2145503

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	47.5	J6	3.00	1	10/11/2023 11:28	WG2148204

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units
pH (On Site)	6.89	su
Specific Conductance (on site)	12067	umhos/cm
Temperature (on-site)	28.3	Deg. C
Turbidity (on-site)	14.6	NTU
Dissolved Oxygen (on-site)	0.83	mg/l
eH/ORP (On Site)	-194.4	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	599		6.34	200	10/05/2023 17:27	WG2145503

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	913		5.19	100	10/11/2023 12:25	WG2148204

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units
pH (On Site)	7.3	su
Specific Conductance (on site)	27197	umhos/cm
Temperature (on-site)	29.6	Deg. C
Turbidity (on-site)	123.19	NTU
Dissolved Oxygen (on-site)	1	mg/l
eH/ORP (On Site)	-259.7	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	1630		15.8	500	10/05/2023 17:28	WG2145503

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	2280		5.19	100	10/11/2023 12:35	WG2148204

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units
pH (On Site)	7.1	su
Specific Conductance (on site)	9590	umhos/cm
Temperature (on-site)	30.3	Deg. C
Turbidity (on-site)	59.13	NTU
Dissolved Oxygen (on-site)	1.82	mg/l
eH/ORP (On Site)	-175.2	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	800		6.34	200	10/05/2023 17:03	WG2145503

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	1400		5.19	100	10/11/2023 12:45	WG2148204

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units
pH (On Site)	7.62	su
Specific Conductance (on site)	19557	umhos/cm
Temperature (on-site)	33.1	Deg. C
Turbidity (on-site)	76.52	NTU
Dissolved Oxygen (on-site)	0.26	mg/l
eH/ORP (On Site)	-425.7	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	2380		15.8	500	10/05/2023 17:04	WG2145503

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	1360		5.19	100	10/11/2023 12:54	WG2148204

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units
pH (On Site)	7.29	su
Specific Conductance (on site)	16217	umhos/cm
Temperature (on-site)	31	Deg. C
Turbidity (on-site)	417.21	NTU
Dissolved Oxygen (on-site)	0.78	mg/l
eH/ORP (On Site)	-196.9	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	1210		15.8	500	10/05/2023 17:06	WG2145503

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	1360		5.19	100	10/11/2023 13:04	WG2148204

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units
pH (On Site)	7.49	su
Specific Conductance (on site)	15674	umhos/cm
Temperature (on-site)	31.6	Deg. C
Turbidity (on-site)	238.17	NTU
Dissolved Oxygen (on-site)	2.71	mg/l
eH/ORP (On Site)	-119.8	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	1110		15.8	500	10/05/2023 17:07	WG2145503

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	1380		5.19	100	10/11/2023 13:13	WG2148204

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units
pH (On Site)	7.37	su
Specific Conductance (on site)	18440	umhos/cm
Temperature (on-site)	27.9	Deg. C
Turbidity (on-site)	12.47	NTU
Dissolved Oxygen (on-site)	0.87	mg/l
eH/ORP (On Site)	-222	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	1620		15.8	500	10/05/2023 17:09	WG2145503

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	1400		5.19	100	10/11/2023 13:23	WG2148204

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units
pH (On Site)	7.63	su
Specific Conductance (on site)	29557	umhos/cm
Temperature (on-site)	32.6	Deg. C
Turbidity (on-site)	453.86	NTU
Dissolved Oxygen (on-site)	0.48	mg/l
eH/ORP (On Site)	-284	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	2680		15.8	500	10/05/2023 17:10	WG2145503

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	2080		5.19	100	10/11/2023 13:32	WG2148204

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units
pH (On Site)	7.38	su
Specific Conductance (on site)	17471	umhos/cm
Temperature (on-site)	29	Deg. C
Turbidity (on-site)	43.81	NTU
Dissolved Oxygen (on-site)	2.37	mg/l
eH/ORP (On Site)	-51.1	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	1630		15.8	500	10/05/2023 17:12	WG2145503

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	2130		5.19	100	10/11/2023 14:01	WG2148204

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units
pH (On Site)	7.38	su
Specific Conductance (on site)	12976	umhos/cm
Temperature (on-site)	30.3	Deg. C
Turbidity (on-site)	21.05	NTU
Dissolved Oxygen (on-site)	5.06	mg/l
eH/ORP (On Site)	-17.2	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	1020		15.8	500	10/08/2023 11:32	WG2147303

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	1280		5.19	100	10/11/2023 14:10	WG2148204

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units
pH (On Site)	7.37	su
Specific Conductance (on site)	16596	umhos/cm
Temperature (on-site)	30.4	Deg. C
Turbidity (on-site)	53.2	NTU
Dissolved Oxygen (on-site)	3.15	mg/l
eH/ORP (On Site)	-22.5	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	1380		15.8	500	10/08/2023 11:33	WG2147303

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	1140		5.19	100	10/11/2023 14:20	WG2148204

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units
pH (On Site)	7.3	su
Specific Conductance (on site)	23723	umhos/cm
Temperature (on-site)	35.1	Deg. C
Turbidity (on-site)	44.48	NTU
Dissolved Oxygen (on-site)	0.65	mg/l
eH/ORP (On Site)	-270.9	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	1770		15.8	500	10/08/2023 11:35	WG2147303

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	1580		5.19	100	10/11/2023 14:29	WG2148204

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units
pH (On Site)	7.41	su
Specific Conductance (on site)	22915	umhos/cm
Temperature (on-site)	32.6	Deg. C
Turbidity (on-site)	54.87	NTU
Dissolved Oxygen (on-site)	3	mg/l
eH/ORP (On Site)	-120.4	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	1800		15.8	500	10/08/2023 11:36	WG2147303

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	1940		5.19	100	10/11/2023 14:39	WG2148204

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units
pH (On Site)	7.34	su
Specific Conductance (on site)	22105	umhos/cm
Temperature (on-site)	32.4	Deg. C
Turbidity (on-site)	162.38	NTU
Dissolved Oxygen (on-site)	2.67	mg/l
eH/ORP (On Site)	-187	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	1560		15.8	500	10/08/2023 11:38	WG2147303

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	1740	V	5.19	100	10/11/2023 14:48	WG2148204

Method Blank (MB)

(MB) R3982560-1 10/05/23 16:24

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Ammonia Nitrogen	ND		0.0317	0.100

L1662654-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1662654-01 10/05/23 16:27 • (DUP) R3982560-3 10/05/23 16:28

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Ammonia Nitrogen	8.68	8.62	1	0.740		10

L1662677-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1662677-01 10/05/23 16:33 • (DUP) R3982560-8 10/05/23 16:34

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Ammonia Nitrogen	3.15	3.13	1	0.700		10

Laboratory Control Sample (LCS)

(LCS) R3982560-2 10/05/23 16:25

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Ammonia Nitrogen	7.50	7.67	102	90.0-110	

L1662654-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1662654-01 10/05/23 16:27 • (MS) R3982560-6 10/05/23 16:30 • (MSD) R3982560-7 10/05/23 16:31

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Ammonia Nitrogen	5.00	8.68	13.4	13.8	95.0	102	1	90.0-110	E	E	2.40	10

L1662677-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1662677-01 10/05/23 16:33 • (MS) R3982560-9 10/05/23 16:36

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Ammonia Nitrogen	5.00	3.15	8.26	102	1	90.0-110	

Method Blank (MB)

(MB) R3983418-1 10/08/23 11:00

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Ammonia Nitrogen	ND		0.0317	0.100

L1663538-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1663538-01 10/08/23 11:51 • (DUP) R3983418-7 10/08/23 11:53

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Ammonia Nitrogen	0.135	0.131	1	3.01		10

L1662663-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1662663-03 10/08/23 12:07 • (DUP) R3983418-8 10/08/23 12:08

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Ammonia Nitrogen	ND	ND	1	0.000		10

Laboratory Control Sample (LCS)

(LCS) R3983418-2 10/08/23 11:02

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Ammonia Nitrogen	7.50	7.42	98.9	90.0-110	

L1661991-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1661991-02 10/08/23 11:08 • (MS) R3983418-3 10/08/23 11:09 • (MSD) R3983418-4 10/08/23 11:11

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Ammonia Nitrogen	5.00	ND	5.16	5.48	103	110	1	90.0-110			6.04	10

L1663507-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1663507-01 10/08/23 11:48 • (MS) R3983418-6 10/08/23 11:50

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Ammonia Nitrogen	5.00	1.30	6.62	106	1	90.0-110	

Method Blank (MB)

(MB) R3984710-1 10/10/23 09:12

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	0.269		0.0519	1.00

L1662728-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1662728-03 10/10/23 15:19 • (DUP) R3984710-3 10/10/23 15:32

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	ND	ND	1	0.427		15

L1662974-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1662974-01 10/10/23 18:17 • (DUP) R3984710-6 10/10/23 18:30

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	10.7	10.5	1	1.65		15

Sample Narrative:

OS: Dilution due to matrix.

Laboratory Control Sample (LCS)

(LCS) R3984710-2 10/10/23 09:25

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	39.8	99.5	80.0-120	

L1662728-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1662728-03 10/10/23 15:19 • (MS) R3984710-4 10/10/23 15:44 • (MSD) R3984710-5 10/10/23 15:57

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	40.0	ND	41.2	41.1	98.4	98.0	1	80.0-120			0.300	15

L1662974-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1662974-01 10/10/23 18:17 • (MS) R3984710-7 10/10/23 18:43

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40.0	10.7	50.6	99.9	1	80.0-120	

Sample Narrative:

OS: Dilution due to matrix.

Method Blank (MB)

(MB) R3984960-1 10/11/23 08:51

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	ND		0.0519	1.00

L1662806-09 Original Sample (OS) • Duplicate (DUP)

(OS) L1662806-09 10/11/23 11:28 • (DUP) R3984960-3 10/11/23 11:38

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	47.5	47.3	1	0.404		15

L1662806-23 Original Sample (OS) • Duplicate (DUP)

(OS) L1662806-23 10/11/23 14:48 • (DUP) R3984960-6 10/11/23 14:58

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	1740	1850	100	6.13		15

Laboratory Control Sample (LCS)

(LCS) R3984960-2 10/11/23 09:00

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	38.1	95.3	80.0-120	

L1662806-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1662806-09 10/11/23 11:28 • (MS) R3984960-4 10/11/23 12:06 • (MSD) R3984960-5 10/11/23 12:16

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	40.0	47.5	75.1	73.9	69.0	66.0	1	80.0-120	J6	J6	1.61	15

L1662806-23 Original Sample (OS) • Matrix Spike (MS)

(OS) L1662806-23 10/11/23 14:48 • (MS) R3984960-7 10/11/23 15:07

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40.0	1740	13400	29200	100	80.0-120	V

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
V	The sample concentration is too high to evaluate accurate spike recoveries.

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address:
Eco-Vista (Tontitown)LF

88 Joyce Lane
Russellville, AR 72801

Billing Information:
jreyno10@wm.com
P.O. Box 4745
WM A/P DEPARTMENT
Portland, OR 97208-4745

Pres Chk

Report to: **Jodi Reynolds**

Email To: **ciara.childers.beavers@jettenviro.com;jeffholm**

Project Description: **Eco-Vista LF-GW-Apr & Oct**

City/State Collected:

Please Circle: PT MT CT ET

Phone: **501-993-8966**

Client Project # **200**

Lab Project # **WMECOVISAR-00020**

Collected by (print): Christy Fincher

Site/Facility ID # **AR03**

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	TOC 250mlAmb-HCl	TOC 250mlHDPE-HCl	V8260LL 40mlAmb-HCl	V8260LLAP9 40mlAmb-HCl	V8260LLAP9 40mlAmb-HCl-Blk	Remarks	Sample # (lab only)
LDS-1	Grab	GW	N/A	10.2.23	1715	2							-01
LDS-2		GW			1745	2							-02
LDS-3		GW			1815	2							-03
LDS-4		GW			1845	2							-04
LDS-5		GW			1915	2							-05
LDS-6		GW		↓	1945	2							-06
LDS-7		GW		10.3.23	0915	2							-07
LDS-8		GW			0945	2							-08
LDS-9		GW			1015	2							-09
LDS-10	↓	GW	↓	↓	1045	2							-10

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 7024 8788 5052

Chain of Custody Page 1 of 3

Pace
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MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122
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SDG # 166280

B043

T:

Acctnum: **WMECOVISAR**

Template: **T238606**

Prelogin: **P1026525**

PM: **616 - Stacy Kennedy**

PB: 9/26/23 TJS

Shipped Via: **FedEx Ground**

Sample Receipt Checklist

COC Seal Present/Intact: NP	Y	N
COC Signed/Accurate:	Y	N
Bottles arrive intact:	Y	N
Correct bottles used:	Y	N
Sufficient volume sent:	Y	N
If Applicable		
VOA Zero Headspace:	Y	N
Preservation Correct/Checked:	Y	N
RAD Screen <0.5 mR/hr:	Y	N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
	10.3.23	1300		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: CF#8 3.4 +0.3 3.4
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 10/4/23 Time: 9:00

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Company Name/Address:
Eco-Vista (Tontitown)LF

88 Joyce Lane
Russellville, AR 72801

Billing Information:
jreyno10@wm.com
P.O. Box 4745
WM A/P DEPARTMENT
Portland, OR 97208-4745

Pres Chk

Report to: **Jodi Reynolds**

Email To: **ciara.childers.beavers@jettenviro.com;jeffholm**

Project Description: **Eco-Vista LF-GW-Apr & Oct**

City/State Collected:

Please Circle: PT MT CT ET

Phone: **501-993-8966**

Client Project # **200**

Lab Project # **WMECOVISAR-00020**

Collected by (print): Chris Finch

Site/Facility ID # **AR03**

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	TOC 250mlAmb-HCl	TOC 250mlHDPE-HCl	V8260LL 40mlAmb-HCl	V8260LLAP9 40mlAmb-HCl	V8260LLAP9 40mlAmb-HCl-Blk	Remarks	Sample # (lab only)
LDS-11	Grab	GW	N/A	10.3.23	1115	2							-11
LDS-12		GW		10.3.23	1145	2							-12
LCS-1		GW		10.2.23	1700	2							-13
LCS-2		GW			1730	2							-14
LCS-3		GW			1800	2							-15
LCS-4		GW			1830	2							-16
LCS-5		GW			1900	2							-17
~~LCS-6~~		GW				2							
LCS-7		GW		10.3.23	0900	2							-18
LCS-8		GW		10.3.23	0930	2							-19

Analysis / Container / Preservative

Chain of Custody Page 2 of 3

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MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # 166806

Table #

Acctnum: **WMECOVISAR**
Template: **T238606**
Prelogin: **P1026525**
PM: **616 - Stacy Kennedy**
PB: 9/26/23 TV
Shipped Via: **FedEX Ground**

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH ____ Temp ____
Flow ____ Other ____

Samples returned via:
__ UPS __ FedEx __ Courier ____

Tracking # 7074 8788 5062

Sample Receipt Checklist

COC Seal Present/Intact: NP	Y	N
COC Signed/Accurate:	Y	N
Bottles arrive intact:	Y	N
Correct bottles used:	Y	N
Sufficient volume sent:	Y	N
If Applicable		
VOA Zero Headspace:	Y	N
Preservation Correct/Checked:	Y	N
RAD Screen <0.5 mR/hr:	Y	N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes (No) HCL / MeoH TBR
	10.3.23	1300		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: CAB 3.4+0=3.4
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 10-4-23 Time: 9:00

If preservation required by Login: Date/Time

Hold: Condition: NCF / OK

Company Name/Address:
Eco-Vista (Tontitown)LF
88 Joyce Lane
Russellville, AR 72801

Billing Information:
jreyno10@wm.com
P.O. Box 4745
WM A/P DEPARTMENT
Portland, OR 97208-4745

Pres Chk

Report to: Jodi Reynolds

Email To: ciara.childers.beavers@jettenviro.com;jeffholm

Project Description: Eco-Vista LF-GW-Apr & Oct

City/State Collected:

Please Circle: PT MT CT ET

Phone: 501-993-8966

Client Project # 200

Lab Project # WMECOVISAR-00020

Collected by (print): Chris Fowler

Site/Facility ID # AR03

P.O. #

Collected by (signature): [signature]

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Analysis / Container / Preservative

Chain of Custody Page 3 of 3

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SDG # L1662806

Table #

Acctnum: WMECOVISAR
Template: T238606
Prelogin: P1026525
PM: 616 - Stacy Kennedy
PB: 9/26/23 TJS
Shipped Via: FedEX Ground

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	TOC 250mlAmb-HCl	TOC 250mlHDPE-HCl	V8260LL 40mlAmb-HCl	V8260LLAP9 40mlAmb-HCl	V8260LLAP9 40mlAmb-HCl-Blk	Remarks	Sample # (lab only)
LCS-9	Grab	GW	N/A	10.3.23	1000	2							-20
LCS-10	↓	GW	↓	↓	1030	2							-21
LCS-11		GW			1100	2							-22
LCS-12		GW			1130	2							-23
DUP		GW				8		X	X				
DUP2		GW				8		X	X				
LGW-2		GW				3	X						
LGW-3R		GW				2							
LGW-4		GW				3	X						
LGW-5		GW				16	X			X			

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other ______

Remarks:

pH ______ Temp ______
Flow ______ Other ______

Samples returned via:
__ UPS __ FedEx __ Courier ________

Tracking # 7074 8788 5052

Sample Receipt Checklist
COC Seal Present/Intact: __NP _Y _N
COC Signed/Accurate: _Y _N
Bottles arrive intact: _Y _N
Correct bottles used: _Y _N
Sufficient volume sent: _Y _N
If Applicable
VOA Zero Headspace: _Y _N
Preservation Correct/Checked: _Y _N
RAD Screen <0.5 mR/hr: _Y _N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	
[signature]	10.3.23	1300			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: CC48 3.4+0=3.4	If preservation required by Login: Date/Time
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) [signature]	Date: 10-4-23 Time: 9:00	Hold: Condition: NCF / OK

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.: L1662806

Site Name: EVLF

Sample I.D.: LOS-1

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D (D - Direct, I - Indirect, V - Visual)

Sampling Equipment: S (D - Dipper, T - Transfer Vessel, S - Sample Bottle, O - Other)

Sample Type: Grab / Composite (circle one)

Field Measurements

Sample Date MM/DD/YYYY	Sample Time 24 Hr. Clock	pH (std. Units)	CONDUCTIVITY (umhos/cm @ 25°C)	Temp °C	TURBIDITY (NTUs)	DO mg/L - ppm	eH/ORP (std. Units)
10/02/2023	1715	6.74	6183	34.1	4.89	0.41	-203.6

Record final stabilized field readings.

Field Observations

Sample Appearance: Odor: Yes Color: Yellow Other:

Sheen Present [Y] or [N] Foam Present: [Y] or [N] Floating Solids: [Y] or [N]

Weather Conditions: (required daily, or as conditions change):

Direction/Speed: Precipitation: [Y] or [N]

Specific Comments:

Date	Name	Signature	Company
10/2/23			BCM
/ /			

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.: L1662806

Site Name: EVLF

Sample I.D.: LDS-2

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D (D - Direct, I - Indirect, V - Visual)

Sampling Equipment: S (D - Dipper, T - Transfer Vessel, S - Sample Bottle, O - Other)

Sample Type: G (Grab / Composite) (circle one)

Field Measurements

Sample Date MM/DD/YYYY	Sample Time 24 Hr. Clock	pH (std. Units)	CONDUCTIVITY (umhos/cm @ 25°C)	Temp °C	TURBIDITY (NTUs)	DO mg/L - ppm	eH/ORP (std. Units)
10/02/2023	1745	6.78	4079	32.3	11.83	2.21	-138.1

Record final stabilized field readings.

Field Observations

Sample Appearance: Odor: Yes Color: Yellow Other:

Sheen Present [Y] or [N] Foam Present: [X] or [N] Floating Solids: [Y] or [N]

Weather Conditions: (required daily, or as conditions change):

Direction/Speed: Precipitation: [Y] or [N]

Specific Comments:

Date	Name	Signature	Company
10/2/23			Thomas
/ /			

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.: L1662806

Site Name: EVLF

Sample I.D.: LDS-3

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: [D] D - Direct, I - Indirect, V - Visual

Sampling Equipment: [S] D - Dipper, T - Transfer Vessel, S - Sample Bottle, O - Other [ ]

Sample Type: [ ] Grab / Composite (circle one)

Field Measurements

Sample Date MM/DD/YYYY	Sample Time 24 Hr. Clock	pH (std. Units)	CONDUCTIVITY (umhos/cm @ 25"C)	Temp 'C	TURBIDITY (NTUs)	DO mg/L - ppm	eH/ORP (std. Units)
10/07/2023	1815	7.32	19733	31.0	8.87	0.79	-207.0

Record final stabilized field readings.

Field Observations

Sample Appearance: Odor: YES Color: Brown Other:

Sheen Present [Y] or [N] Foam Present: [Y] or [N] Floating Solids: [Y] or [N]

Weather Conditions: (required daily, or as conditions change):

Direction/Speed: Precipitation: [Y] or [N]

Specific Comments:

Date	Name	Signature	Company
10/7/23			ADMS
/ /			

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Site Name: EVLF

Sample I.D.: LDS-4

Laboratory Use Only / Lab I.D.: L1662806

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D — D - Direct, I - Indirect, V - Visual

Sampling Equipment: S — D - Dipper, T - Transfer Vessel, S - Sample Bottle, O - Other

Sample Type: G — Grab / Composite (circle one)

Field Measurements

Sample Date MM/DD/YYYY	Sample Time 24 Hr. Clock	pH (std. Units)	CONDUCTIVITY (umhos/cm @ 25°C)	Temp °C	TURBIDITY (NTUs)	DO mg/L - ppm	eH/ORP (std. Units)
10/02/2023	1845	7.54	18438	31.6	16.45	0.60	-237.6

Record final stabilized field readings.

Field Observations

Sample Appearance: Odor: Yes Color: Brown Other:

Sheen Present Y or N Foam Present: Y or N Floating Solids: Y or N

Weather Conditions: (required daily, or as conditions change):

Direction/Speed: Precipitation: Y or N

Specific Comments:

Date	Name	Signature	Company
10/2/23			Praxis
/ /			

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.: L1662806

Site Name: EVLF

Sample I.D.: LDS-5

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D — D - Direct, I - Indirect, V - Visual

Sampling Equipment: S — D - Dipper, T - Transfer Vessel, S - Sample Bottle, O - Other

Sample Type: Grab / Composite (circle one)

Field Measurements

Sample Date MM/DD/YYYY	Sample Time 24 Hr. Clock	pH (std. Units)	CONDUCTIVITY (umhos/cm @ 25°C)	Temp °C	TURBIDITY (NTUs)	DO mg/L - ppm	eH/ORP (std. Units)
10/02/2023	1915	7.41	11527	28.1	9.22	0.88	-159.9

Record final stabilized field readings.

Field Observations

Sample Appearance: Odor: Yes Color: Brown Other:

Sheen Present Y or N Foam Present: Y or N Floating Solids: Y or N

Weather Conditions: (required daily, or as conditions change):

Direction/Speed: Precipitation: Y or N

Specific Comments:

Date	Name	Signature	Company
10/2/23			PROMS
/ /			

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.: L1662806

Site Name: EVLF

Sample I.D.: LDS-6

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D (D - Direct, I - Indirect, V - Visual)

Sampling Equipment: S (D - Dipper, T - Transfer Vessel, S - Sample Bottle, O - Other)

Sample Type: [ ] Grab / Composite (circle one)

Field Measurements

Sample Date MM/DD/YYYY	Sample Time 24 Hr. Clock	pH (std. Units)	CONDUCTIVITY (umhos/cm @ 25°C)	Temp °C	TURBIDITY (NTUs)	DO mg/L - ppm	eH/ORP (std. Units)
10/02/2023	1945	~~25.0~~ 7.59	13604	25.0	1.22	2.06	-102.4

Record final stabilized field readings.

Field Observations

Sample Appearance: Odor: Yes Color: Brown Other:

Sheen Present [Y] or [N] Foam Present: [Y] or [N] Floating Solids: [Y] or [N]

Weather Conditions: (required daily, or as conditions change):

Direction/Speed: Precipitation: [Y] or [N]

Specific Comments:

NO LCS-6 Sample Available - Pump Inoperable

Date	Name	Signature	Company
10/2/23			Promus
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FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.: L1662806

Site Name: EVLF

Sample I.D.: LDS-7

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D (D - Direct, I - Indirect, V - Visual)

Sampling Equipment: S (D - Dipper, T - Transfer Vessel, S - Sample Bottle, O - Other)

Sample Type: G (Grab / Composite) (circle one)

Field Measurements

Sample Date MM/DD/YYYY	Sample Time 24 Hr. Clock	pH (std. Units)	CONDUCTIVITY (umhos/cm @ 25°C)	Temp °C	TURBIDITY (NTUs)	DO mg/L - ppm	eH/ORP (std. Units)
10/03/2023	0915	7.11	6375	26.2	4.71	1.89	-159.4

Record final stabilized field readings.

Field Observations

Sample Appearance: Odor: Yes Color: Yellow Other:

Sheen Present [Y] or [N] Foam Present: [Y] or [N] Floating Solids: [Y] or [N]

Weather Conditions: (required daily, or as conditions change):

Direction/Speed: Precipitation: [Y] or [N]

Specific Comments:

Date	Name	Signature	Company
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FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.: L1662806

Site Name: EVLF

Sample I.D. LDS-8

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D — D - Direct, I - Indirect, V - Visual

Sampling Equipment: S — D - Dipper, T - Transfer Vessel, S - Sample Bottle, O - Other

Sample Type: G — Grab / Composite (circle one)

Field Measurements

Sample Date MM/DD/YYYY	Sample Time 24 Hr. Clock	pH (std. Units)	CONDUCTIVITY (umhos/cm @ 25°C)	Temp °C	TURBIDITY (NTUs)	DO mg/L - ppm	eH/ORP (std. Units)
10/03/2023	0945	7.31	14601	30.8	15.61	4.22	-34.3

Record final stabilized field readings.

Field Observations

Sample Appearance: Odor: Yes Color: Brown Other:

Sheen Present [Y] or [N] Foam Present: [Y] or [N] Floating Solids: [Y] or [N]

Weather Conditions: (required daily, or as conditions change):

Direction/Speed: Precipitation: [Y] or [N]

Specific Comments:

Date	Name	Signature	Company
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FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.: L1662806

Site Name: EVLF

Sample I.D.: LDS-9

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D — D - Direct, I - Indirect, V - Visual

Sampling Equipment: S — D - Dipper, T - Transfer Vessel, S - Sample Bottle, O - Other

Sample Type: Grab / Composite (circle one)

Field Measurements

Sample Date MM/DD/YYYY	Sample Time 24 Hr. Clock	pH (std. Units)	CONDUCTIVITY (umhos/cm @ 25°C)	Temp °C	TURBIDITY (NTUs)	DO mg/L - ppm	eH/ORP (std. Units)
10/03/2023	1015	6.25	2768	26.6	4.98	2.92	-135.5

Record final stabilized field readings.

Field Observations

Sample Appearance: Odor: Yes Color: Yellow Other:

Sheen Present Y or N Foam Present: Y or N Floating Solids: Y or N

Weather Conditions: (required daily, or as conditions change):

Direction/Speed: Precipitation: Y or N

Specific Comments:

Date	Name	Signature	Company
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FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.: L1662806

Site Name: EVLF

Sample I.D.: LDS-10

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D (D - Direct, I - Indirect, V - Visual)

Sampling Equipment: S (D - Dipper, T - Transfer Vessel, S - Sample Bottle, O - Other)

Sample Type: Grab / Composite (circle one)

Field Measurements

Sample Date MM/DD/YYYY	Sample Time 24 Hr. Clock	pH (std. Units)	CONDUCTIVITY (umhos/cm @ 25°C)	Temp °C	TURBIDITY (NTUs)	DO mg/L - ppm	eH/ORP (std. Units)
10/03/2023	1045	6.89	12067	28.3	14.60	0.83	-194.4

Record final stabilized field readings.

Field Observations

Sample Appearance: Odor: Yes Color: Yellow Other:

Sheen Present [Y] or [N] Foam Present: [Y] or [N] Floating Solids: [Y] or [N]

Weather Conditions: (required daily, or as conditions change):

Direction/Speed: Precipitation: [Y] or [N]

Specific Comments:

Date	Name	Signature	Company
10/3/23			Arcadis

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.: L1662806

Site Name: EVLF

Sample I.D.: LDS-11

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D — D - Direct, I - Indirect, V - Visual

Sampling Equipment: S — D - Dipper, T - Transfer Vessel, S - Sample Bottle, O - Other

Sample Type: [ ] Grab / Composite (circle one)

Field Measurements

Sample Date MM/DD/YYYY	Sample Time 24 Hr. Clock	pH (std. Units)	CONDUCTIVITY (umhos/cm @ 25°C)	Temp °C	TURBIDITY (NTUs)	DO mg/L - ppm	eH/ORP (std. Units)
10/03/2023	1115	7.30	27197	29.6	123.19	1.00	-259.7

Record final stabilized field readings.

Field Observations

Sample Appearance: Odor: YES Color: BROWN Other:

Sheen Present [Y] or [N] Foam Present: [Y] or [N] Floating Solids: [Y] or [N]

Weather Conditions: (required daily, or as conditions change):

Direction/Speed: Precipitation: [Y] or [N]

Specific Comments:

Sample Port Broken, Leaks!

10/3/23 — Date

Name

Signature

Company

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.: L1662806

Site Name: EVLF

Sample I.D.: LDS-12

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: O — D - Direct, I - Indirect, V - Visual

Sampling Equipment: S — D - Dipper, T - Transfer Vessel, S - Sample Bottle, O - Other

Sample Type: [ ] Grab / Composite (circle one)

Field Measurements

Sample Date MM/DD/YYYY	Sample Time 24 Hr. Clock	pH (std. Units)	CONDUCTIVITY (umhos/cm @ 25°C)	Temp °C	TURBIDITY (NTUs)	DO mg/L - ppm	eH/ORP (std. Units)
10/03/2003	1145	7.10	9590	30.3	59.13	1.82	-175.2

Record final stabilized field readings.

Field Observations

Sample Appearance: Odor: yes Color: Brown Other:

Sheen Present [Y] or [N] Foam Present: [Y] or [N] Floating Solids: [Y] or [N]

Weather Conditions: (required daily, or as conditions change):

Direction/Speed: Precipitation: [Y] or [N]

Specific Comments:

Date	Name	Signature	Company
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FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.: L1662806

Site Name: EVLF

Sample I.D.: LCS-1

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D (D - Direct, I - Indirect, V - Visual)

Sampling Equipment: S (D - Dipper, T - Transfer Vessel, S - Sample Bottle, O - Other)

Sample Type: Grab / Composite (circle one)

Field Measurements

Sample Date MM/DD/YYYY	Sample Time 24 Hr. Clock	pH (std. Units)	CONDUCTIVITY (umhos/cm @ 25°C)	Temp °C	TURBIDITY (NTUs)	DO mg/L - ppm	eH/ORP (std. Units)
10/02/2023	1700	7.62	19557	33.1	76.52	0.26	-425.7

Record final stabilized field readings.

Field Observations

Sample Appearance: Odor: Yes Color: Brown Other:

Sheen Present [Y] or [N] Foam Present: [Y] or [N] Floating Solids: [Y] or [N]

Weather Conditions: (required daily, or as conditions change): 85° Sunny

Direction/Speed: Calm Precipitation: [Y] or [N]

Specific Comments:

Date	Name	Signature	Company
10/2/23	C. Finch	[signature]	Brown
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FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Site Name: EVLF

Sample I.D.: LCS-2

Laboratory Use Only / Lab I.D.: L1662806

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D — D - Direct, I - Indirect, V - Visual

Sampling Equipment: S — D - Dipper, T - Transfer Vessel, S - Sample Bottle, O - Other

Sample Type: Grab / Composite (circle one)

Field Measurements

Sample Date MM/DD/YYYY	Sample Time 24 Hr. Clock	pH (std. Units)	CONDUCTIVITY (umhos/cm @ 25°C)	Temp °C	TURBIDITY (NTUs)	DO mg/L - ppm	eH/ORP (std. Units)
10/02/2023	1130	7.29	16217	31.0	417.21	0.78	-196.9

Record final stabilized field readings.

Field Observations

Sample Appearance: Odor: Yes Color: Brown Other:

Sheen Present [Y] or [X] Foam Present: [X] or [N] Floating Solids: [X] or [N]

Weather Conditions: (required daily, or as conditions change):

Direction/Speed: Precipitation: [Y] or [N]

Specific Comments:

Date	Name	Signature	Company
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FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.: L1662806

Site Name: EVLF

Sample I.D.: LCS-3

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D — D - Direct, I - Indirect, V - Visual

Sampling Equipment: S — D - Dipper, T - Transfer Vessel, S - Sample Bottle, O - Other

Sample Type: [ ] Grab / Composite (circle one)

Field Measurements

Sample Date MM/DD/YYYY	Sample Time 24 Hr. Clock	pH (std. Units)	CONDUCTIVITY (umhos/cm @ 25°C)	Temp °C	TURBIDITY (NTUs)	DO mg/L - ppm	eH/ORP (std. Units)
10/07/2023	1800	7.47	15674	31.6	238.17	2.71	-119.8

Record final stabilized field readings.

Field Observations

Sample Appearance: Odor: Yes Color: Brown Other:

Sheen Present [Y] or [N] Foam Present: [Y] or [N] Floating Solids: [Y] or [N]

Weather Conditions: (required daily, or as conditions change):

Direction/Speed: Precipitation: [Y] or [N]

Specific Comments:

Date	Name	Signature	Company
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FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.: L1662806

Site Name: EVLF

Sample I.D.: LCS-4

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D (D - Direct, I - Indirect, V - Visual)

Sampling Equipment: S (D - Dipper, T - Transfer Vessel, S - Sample Bottle, O - Other)

Sample Type: G / Composite (circle one)

Field Measurements

Sample Date MM/DD/YYYY	Sample Time 24 Hr. Clock	pH (std. Units)	CONDUCTIVITY (umhos/cm @ 25°C)	Temp °C	TURBIDITY (NTUs)	DO mg/L - ppm	eH/ORP (std. Units)
10/02/2023	1830	7.37	18440	27.9	12.47	0.87	-222.0

Record final stabilized field readings.

Field Observations

Sample Appearance: Odor: Yes Color: Brown Other:

Sheen Present [Y] or [N] Foam Present: [Y] or [N] Floating Solids: [Y] or [N]

Weather Conditions: (required daily, or as conditions change):

Direction/Speed: Precipitation: [Y] or [N]

Specific Comments:

Date	Name	Signature	Company
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FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.: L1662806

Site Name: EMF

Sample I.D.: LCS-5

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D — D - Direct, I - Indirect, V - Visual

Sampling Equipment: S — D - Dipper, T - Transfer Vessel, S - Sample Bottle, O - Other

Sample Type: Grab / Composite (circle one)

Field Measurements

Sample Date MM/DD/YYYY	Sample Time 24 Hr. Clock	pH (std. Units)	CONDUCTIVITY (umhos/cm @ 25°C)	Temp °C	TURBIDITY (NTUs)	DO mg/L - ppm	eH/ORP (std. Units)
10/07/2003	1900	7.63	29557	32.6	453.86	0.48	-284.0

Record final stabilized field readings.

Field Observations

Sample Appearance: Odor: yes Color: Brown Other:

Sheen Present Y or N Foam Present: Y or N Floating Solids: Y or N

Weather Conditions: (required daily, or as conditions change): Dark

Direction/Speed: Precipitation: Y or N

Specific Comments:

Date	Name	Signature	Company
10/7/03			Brown
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FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.: L1662806

Site Name: EVLF

Sample I.D.: LCS-7

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D — D - Direct, I - Indirect, V - Visual

Sampling Equipment: S — D - Dipper, T - Transfer Vessel, S - Sample Bottle, O - Other

Sample Type: [ ] Grab / Composite (circle one)

Field Measurements

Sample Date MM/DD/YYYY	Sample Time 24 Hr. Clock	pH (std. Units)	CONDUCTIVITY (umhos/cm @ 25°C)	Temp °C	TURBIDITY (NTUs)	DO mg/L - ppm	eH/ORP (std. Units)
10/03/2023	0900	7.38	17471	29.0	43.81	2.37	-51.1

Record final stabilized field readings.

Field Observations

Sample Appearance: Odor: NOS Color: Brown Other:

Sheen Present [Y] or [N] Foam Present: [Y] or [N] Floating Solids: [Y] or [N]

Weather Conditions: (required daily, or as conditions change): Sunny 70s-80s

Direction/Speed: SE @ 5-10 mph Precipitation: [Y] or [N]

Specific Comments:

Date	Name	Signature	Company
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FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.: L1662806

Site Name: EVLF

Sample I.D.: LCS-8

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D — D - Direct, I - Indirect, V - Visual

Sampling Equipment: S — D - Dipper, T - Transfer Vessel, S - Sample Bottle, O - Other

Sample Type: [ ] Grab / Composite (circle one)

Field Measurements

Sample Date MM/DD/YYYY	Sample Time 24 Hr. Clock	pH (std. Units)	CONDUCTIVITY (umhos/cm @ 25°C)	Temp °C	TURBIDITY (NTUs)	DO mg/L - ppm	eH/ORP (std. Units)
10/03/2023	0930	7.38	12976	30.3	21.05	5.06	-17.2

Record final stabilized field readings.

Field Observations

Sample Appearance: Odor: Yes Color: Brown Other:

Sheen Present [Y] or [N] Foam Present: [Y] or [N] Floating Solids: [Y] or [N]

Weather Conditions: (required daily, or as conditions change):

Direction/Speed: Precipitation: [Y] or [N]

Specific Comments:

Date	Name	Signature	Company
10/3/23			Prons
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FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.: L1662806

Site Name: EVLF

Sample I.D.: LCJ-9

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D — D - Direct, I - Indirect, V - Visual

Sampling Equipment: S — D - Dipper, T - Transfer Vessel, S - Sample Bottle, O - Other

Sample Type: G — Grab / Composite (circle one)

Field Measurements

Sample Date MM/DD/YYYY	Sample Time 24 Hr. Clock	pH (std. Units)	CONDUCTIVITY (umhos/cm @ 25°C)	Temp °C	TURBIDITY (NTUs)	DO mg/L - ppm	eH/ORP (std. Units)
10/03/2023	1000	7.37	16596	30.4	33.20	3.15	-22.5

Record final stabilized field readings.

Field Observations

Sample Appearance: Odor: Yes Color: Brown Other:

Sheen Present: Y or N Foam Present: Y or N Floating Solids: Y or N

Weather Conditions: (required daily, or as conditions change):

Direction/Speed: Precipitation: Y or N

Specific Comments:

Date	Name	Signature	Company
10/3/23			PBMS
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FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.: L1662806

Site Name: EVLF

Sample I.D.: LCS-10

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D — D - Direct, I - Indirect, V - Visual

Sampling Equipment: S — D - Dipper, T - Transfer Vessel, S - Sample Bottle, O - Other

Sample Type: [ ] Grab / Composite (circle one)

Field Measurements

Sample Date MM/DD/YYYY	Sample Time 24 Hr. Clock	pH (std. Units)	CONDUCTIVITY (umhos/cm @ 25°C)	Temp °C	TURBIDITY (NTUs)	DO mg/L - ppm	eH/ORP (std. Units)
10/03/2023	1030	7.30	23723	35.1	44.48	0.65	-270.9

Record final stabilized field readings.

Field Observations

Sample Appearance: Odor: Yes Color: Brown Other:

Sheen Present [Y] or [N] Foam Present: [Y] or [N] Floating Solids: [N] or [N]

Weather Conditions: (required daily, or as conditions change):

Direction/Speed: Precipitation: [Y] or [N]

Specific Comments:

Date	Name	Signature	Company
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FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.: L1662806

Site Name: EVLF

Sample I.D.: LCS-11

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: [D] D - Direct, I - Indirect, V - Visual

Sampling Equipment: [T] D - Dipper, T - Transfer Vessel, S - Sample Bottle, O - Other [ ]

Sample Type: [ ] Grab / Composite (circle one)

Field Measurements

Sample Date MM/DD/YYYY	Sample Time 24 Hr. Clock	pH (std. Units)	CONDUCTIVITY (umhos/cm @ 25°C)	Temp °C	TURBIDITY (NTUs)	DO mg/L - ppm	eH/ORP (std. Units)
10/03/2023	1100	7.41	22915	32.6	54.87	3.00	-120.41

Record final stabilized field readings.

Field Observations

Sample Appearance: Odor: Yes Color: Black Other:

Sheen Present [X] or [N] Foam Present: [X] or [N] Floating Solids: [X] or [N]

Weather Conditions: (required daily, or as conditions change):

Direction/Speed: Precipitation: [Y] or [N]

Specific Comments:

Date	Name	Signature	Company
10/3/23			
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FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.: L1662806

Site Name: EVLF

Sample I.D.: LCS-12

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D — D - Direct, I - Indirect, V - Visual

Sampling Equipment: S — D - Dipper, S - Sample Bottle, T - Transfer Vessel, O - Other

Sample Type: G — Grab / Composite (circle one)

Field Measurements

Sample Date MM/DD/YYYY	Sample Time 24 Hr. Clock	pH (std. Units)	CONDUCTIVITY (umhos/cm @ 25°C)	Temp °C	TURBIDITY (NTUs)	DO mg/L - ppm	eH/ORP (std. Units)
10/03/2023	1130	7.34	22105	32.4	162.38	2.67	-187.0

Record final stabilized field readings.

Field Observations

Sample Appearance: Odor: YES Color: Brown Other:

Sheen Present [Y] or [X] Foam Present: [X] or [N] Floating Solids: [Y] or [X]

Weather Conditions: (required daily, or as conditions change):

Direction/Speed: Precipitation: [Y] or [N]

Specific Comments:

Date	Name	Signature	Company
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