

Karen Blue (adpce.ad)

From: Steve Jett <steve.jett@jettenviro.com>
Sent: Wednesday, June 28, 2023 2:36 PM
To: gwreports
Cc: Reynolds, Jodi; Travis Doll; Ciara Childers Beavers
Subject: May 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 May 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/1iQi01auYSC_GQlJmJtxKfSml8Yx9_Bgp/view?usp=sharing

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

Sincerely,

Steve Jett, P.G.
Owner
Jett Environmental Consulting
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AFIN: 72-00144
PMT#: 0290-S1-R3
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June 28, 2023

Submitted via Electronic Mail

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

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

Dear Mr. Wright:

Jett Environmental Consulting is pleased to present the results of the May 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 May 2023 sampling event was completed on May 9-11, 2023. A copy of the laboratory analytical report and field sampling forms are included in **Attachment G**. Sampling point LDS-12 was dry; 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 May 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 May 2023 chloride concentration was compared to 10 times the baseline value (see **Attachment A**). No May 2023 chloride concentrations exceeded the 10 times baseline values.

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

For monitoring wells with statistically significant increasing trends, the May 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 May 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 (gpac). 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 May 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 May 2023 LDS flow rates was below 60 gpac (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 May 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 May 2023 monitoring period. In addition, there were no flow rate exceedances to report for May 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
May 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	5/11/2023	78	10.4	<0.1	588	6.45	1302.14	70.77	1231.37
LGW-3R	5/10/2023	124	6.05	<0.1	118	5.10	1289.20	53.75	1235.45
LGW-4	5/10/2023	149	21.0	<0.1	757	6.18	1267.79	59.42	1208.37
LGW-5	5/10/2023	124	31.1	0.151	727	5.99	1271.91	69.74	1202.17
LGW-6	5/10/2023	133	14.5	<0.1	686	6.10	1244.79	49.78	1195.01
LGW-7	5/10/2023	113	15.1	<0.1	582	6.39	1220.60	42.13	1178.47
LGW-8R	5/10/2023	122	17.9	<0.1	729	6.23	1186.24	10.12	1176.12
LGW-9	5/10/2023	169	33.7	<0.1	766	5.99	1237.47	53.50	1183.97
LGW-10	5/10/2023	151	22.1	0.227	878	5.97	1240.61	59.15	1181.46
LGW-14R	5/10/2023	39	5.26	<0.1	545	6.61	1250.93	55.72	1195.21
MW-7N	5/10/2023	93	31.4	<0.1	588	6.45	1250.84	85.16	1165.68
MW-15	5/11/2023	278	37.2	<0.1	494	6.18	1291.46	58.18	1233.28
MW-16	5/11/2023	108	4.20	<0.1	346	6.95	1289.70	69.18	1220.52
MW-17	5/10/2023	205	12.2	<0.1	320	6.18	1288.93	59.73	1229.20
MW-19	5/10/2023	92	8.29	<0.1	337	6.51	1293.90	67.75	1226.15
LCS-1	5/9/2023	NA	1810	1440	17593	9.19	NA	NA	NA
LCS-2	5/9/2023	NA	1380	956	14299	7.88	NA	NA	NA
LCS-3	5/9/2023	NA	921	613	10410	8.14	NA	NA	NA
LCS-4	5/9/2023	NA	1720	1390	19485	8.84	NA	NA	NA
LCS-5	5/9/2023	NA	2850	2610	31447	12.84	NA	NA	NA
LCS-6	5/9/2023	NA	1720	1350	20209	8.48	NA	NA	NA
LCS-7	5/9/2023	NA	2140	1410	21192	8.43	NA	NA	NA
LCS-8	5/9/2023	NA	917	723	11712	7.95	NA	NA	NA
LCS-9	5/9/2023	NA	1640	1240	18701	9.25	NA	NA	NA
LCS-10	5/9/2023	NA	2190	1710	23560	8.53	NA	NA	NA
LCS-11	5/9/2023	NA	1890	1620	11708	9.98	NA	NA	NA
LCS-12	5/9/2023	NA	2060	1420	20422	11.19	NA	NA	NA
LDS-1	5/9/2023	NA	624	22.2	6016	7.16	NA	NA	NA
LDS-2	5/9/2023	NA	19.9	0.865	1385	6.95	NA	NA	NA
LDS-3	5/9/2023	NA	1530	47.2	12813	8.05	NA	NA	NA
LDS-4	5/9/2023	NA	2200	1340	23777	8.54	NA	NA	NA
LDS-5	5/9/2023	NA	1050	540	13870	11.10	NA	NA	NA
LDS-6	5/9/2023	NA	1630	227	15183	8.55	NA	NA	NA
LDS-7	5/9/2023	NA	499	204	6890	9.70	NA	NA	NA
LDS-8	5/9/2023	NA	82.1	12.9	2779	8.13	NA	NA	NA
LDS-9	5/9/2023	NA	47.4	14.3	2045	8.63	NA	NA	NA
LDS-10	5/9/2023	NA	1730	573	22283	8.28	NA	NA	NA
LDS-11	5/9/2023	NA	1990	837	17842	9.68	NA	NA	NA
LDS-12	NS	NA	NS	NS	NS	NS	NA	NA	NA
Field Blank	5/10/2023	NA	<3	<0.1	NA	NA	NA	NA	NA
Lab Method Blanks	---	NA	0.112	0.058	NA	NA	NA	NA	NA

Notes:

NA - Not Applicable

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

NS - Not Sampled. LDS-12 (dry).

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

* - 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

* - 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

* - 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

* - 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

* - 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

* - 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

* - 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

* - 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

* - 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	<.1000	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

* - 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

* - 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

* - 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

* - 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

* - 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

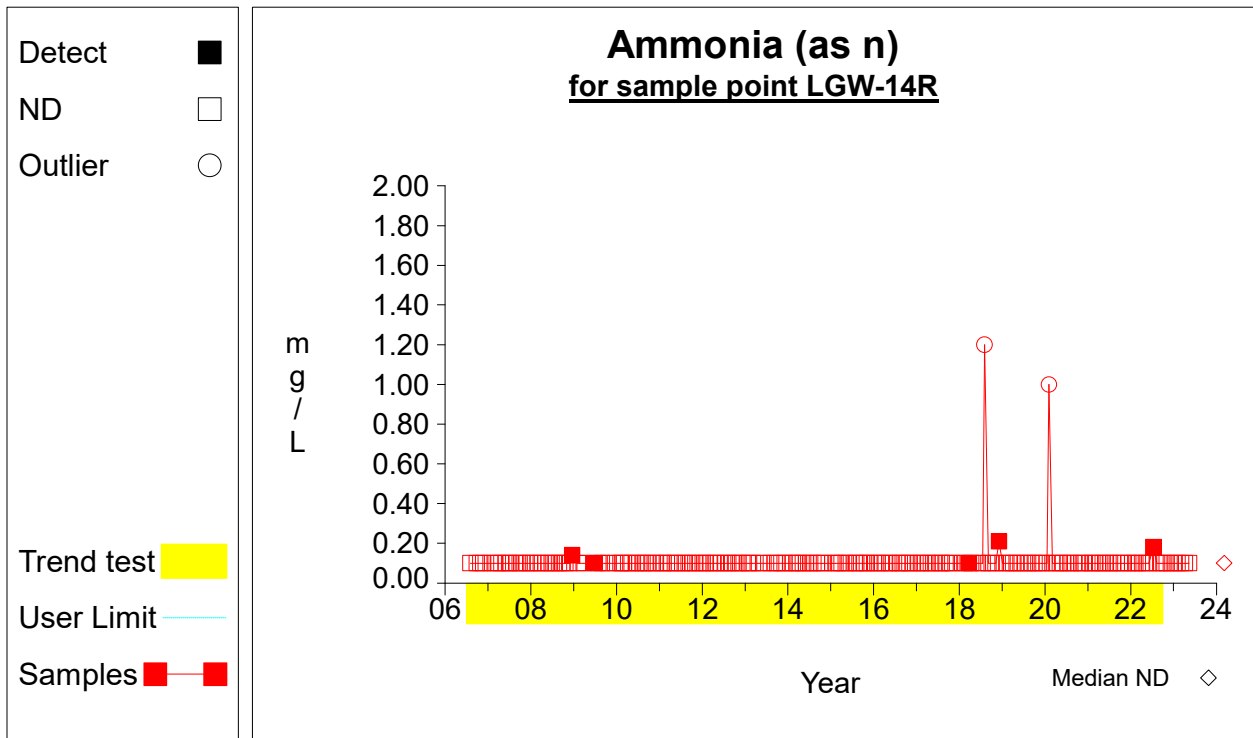
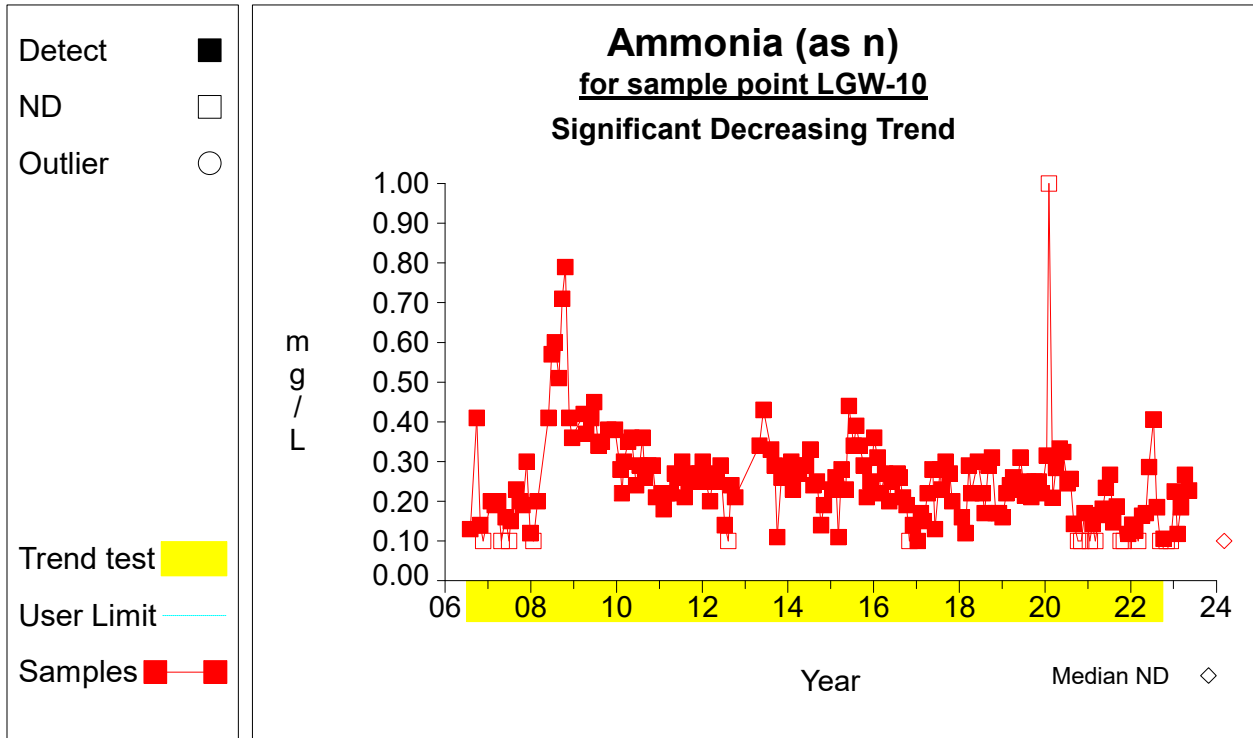
Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
8/9/2022 - 8/10/2022	<.100	39.5	6.42	609.0
9/7/2022 - 9/8/2022	<.100	40.7	6.35	610.0
10/5/2022 - 10/7/2022	<.100	37.4	5.98 *	590.0 *
11/2/2022 - 11/3/2022	<.100	36.2	6.35	641.0
12/6/2022 - 12/7/2022	<.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

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

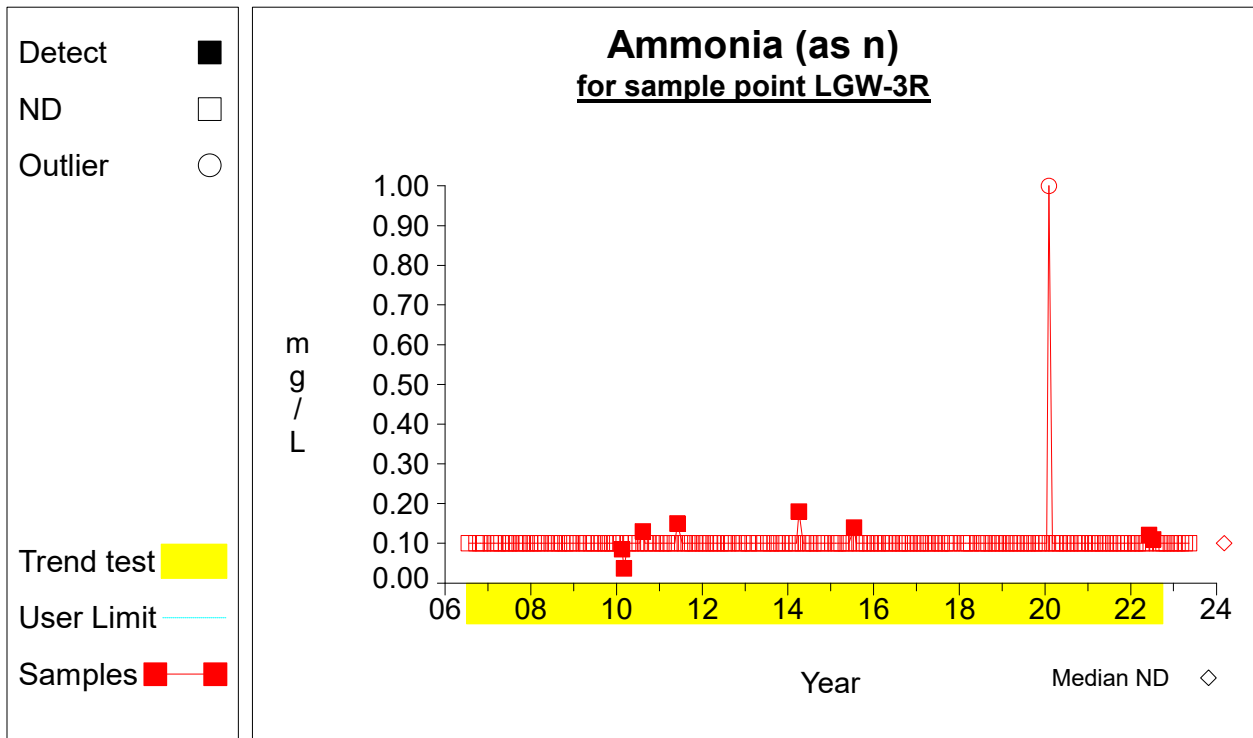
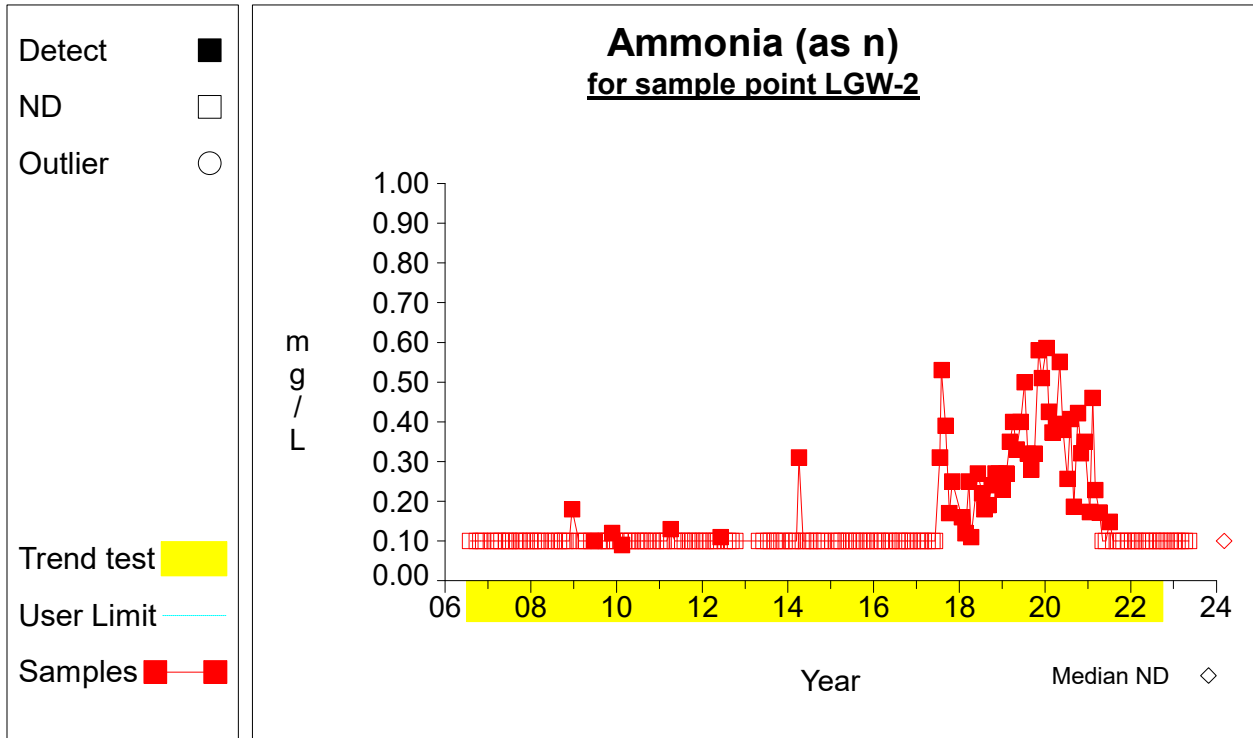
ATTACHMENT C

Trend Analysis

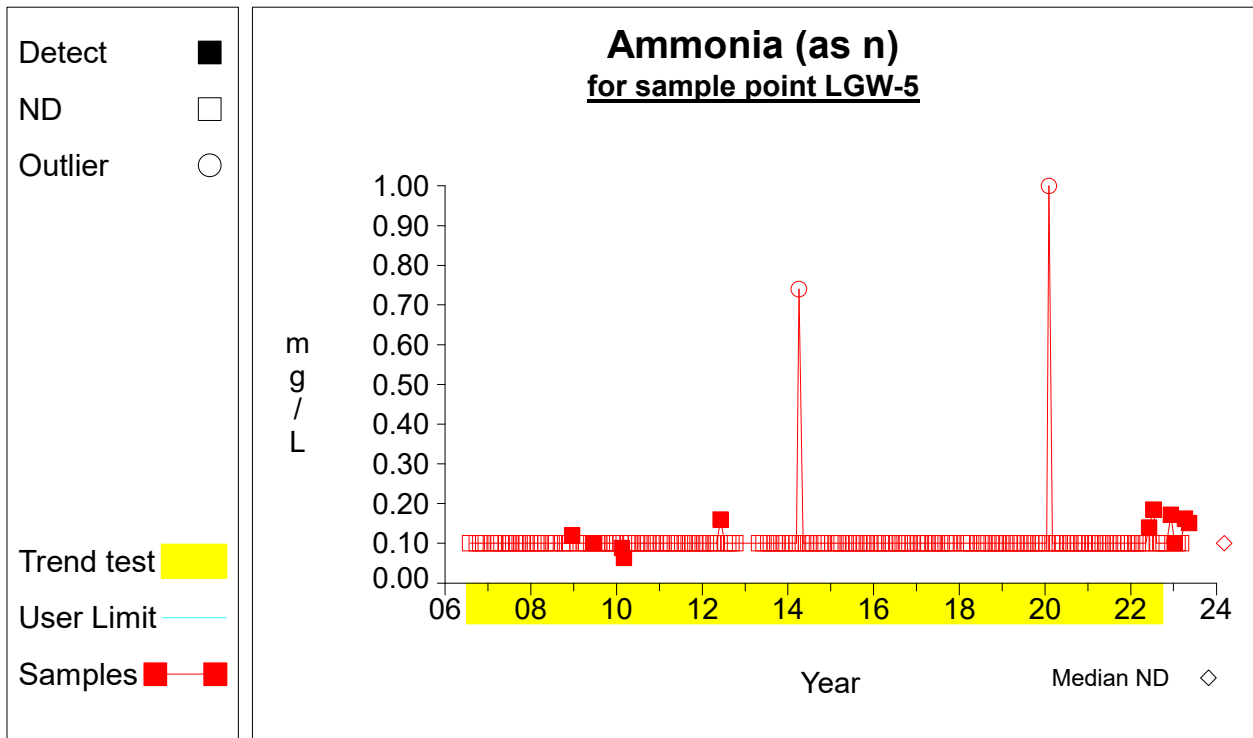
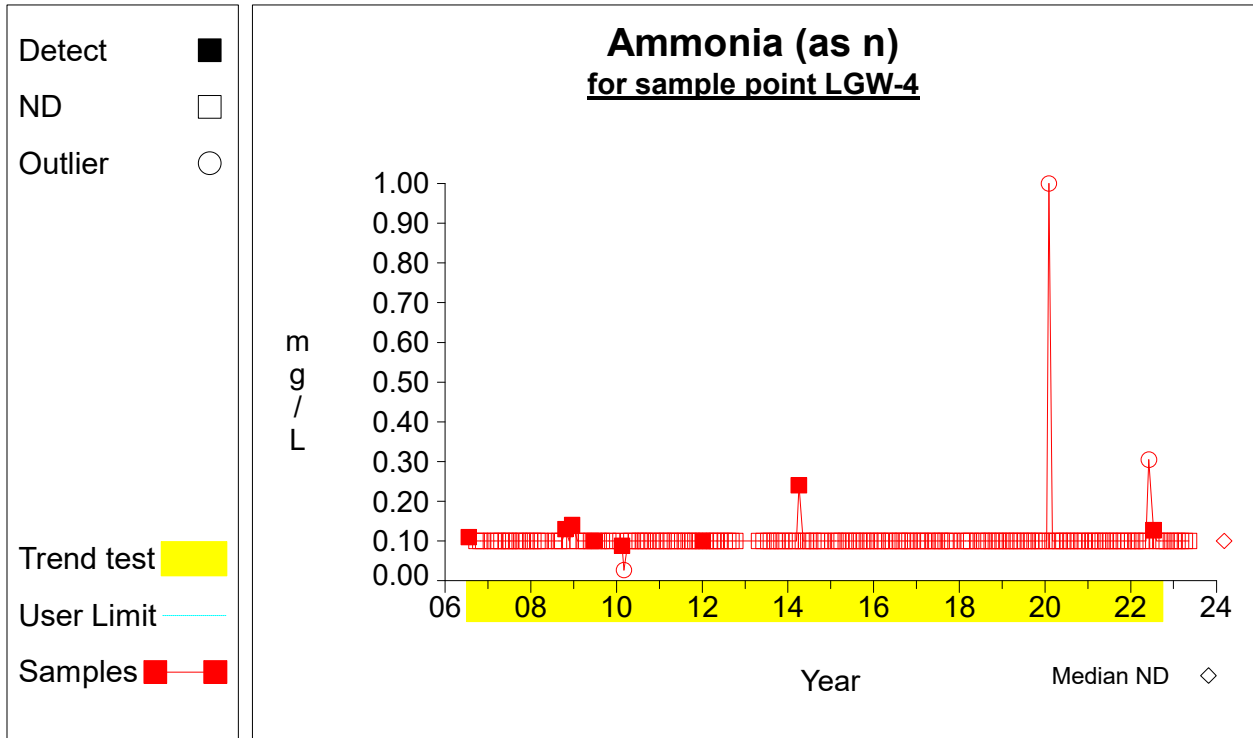
Time Series



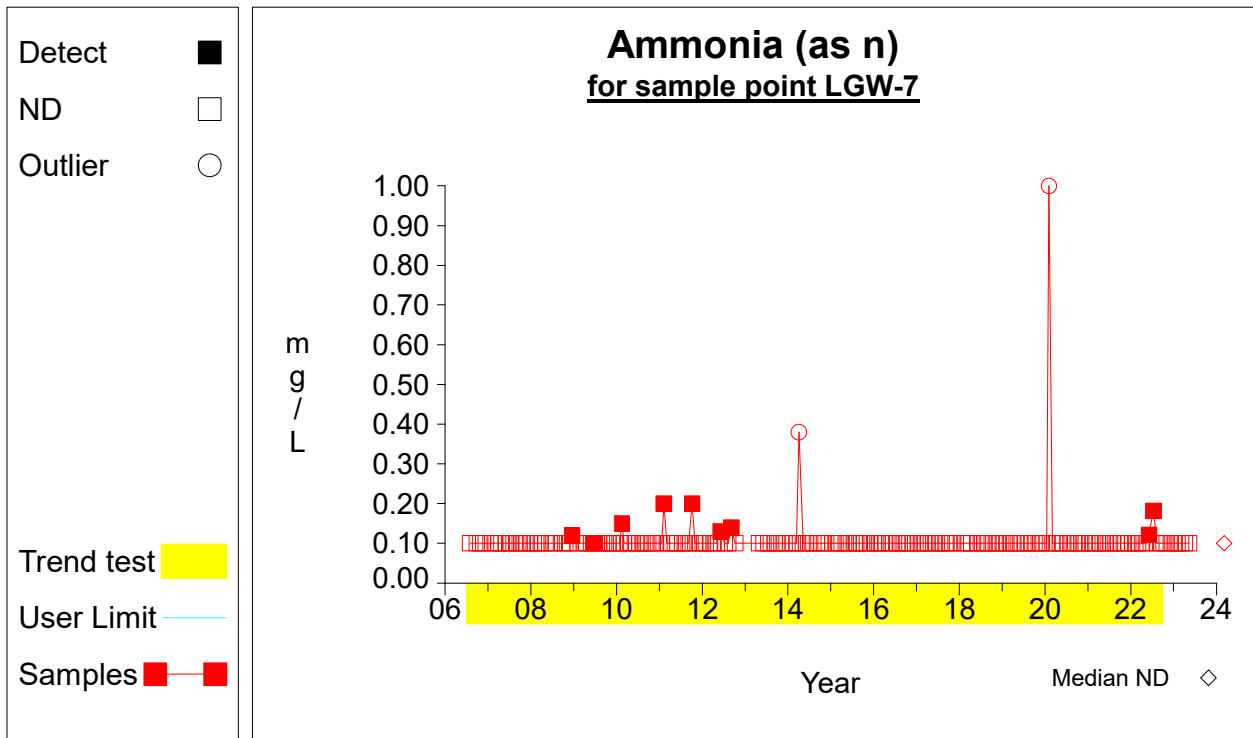
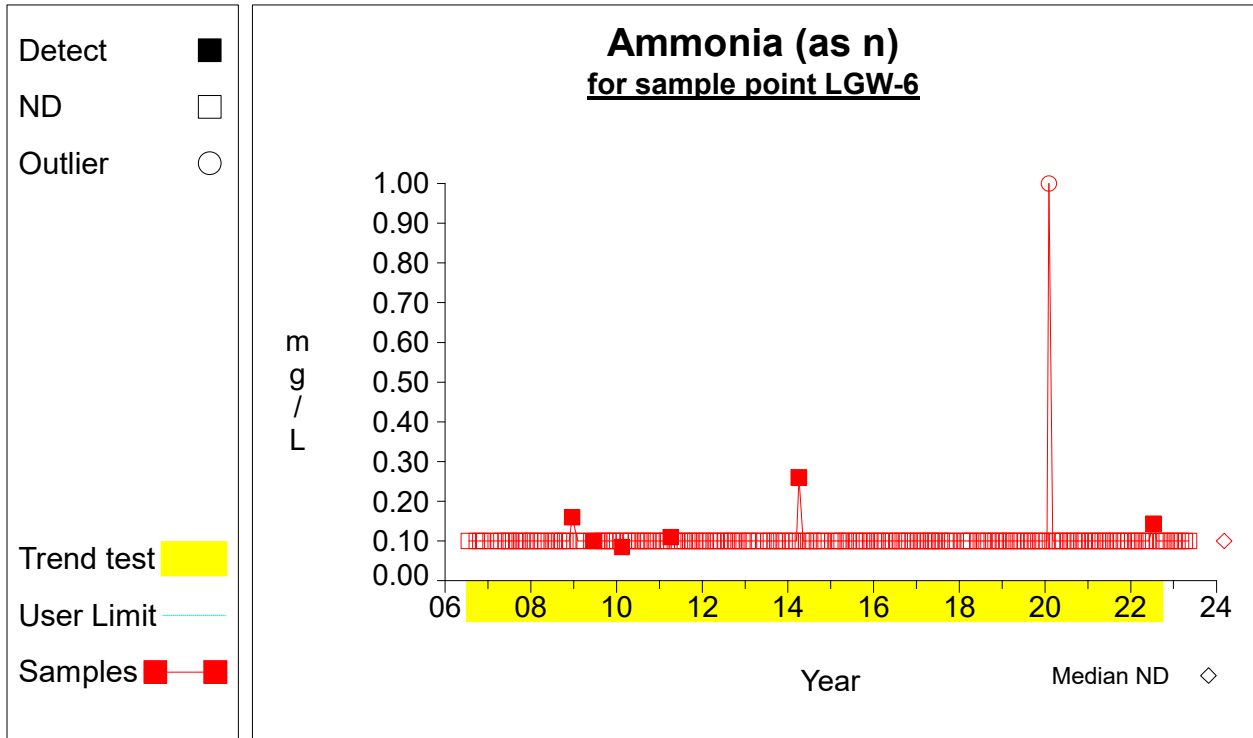
Time Series



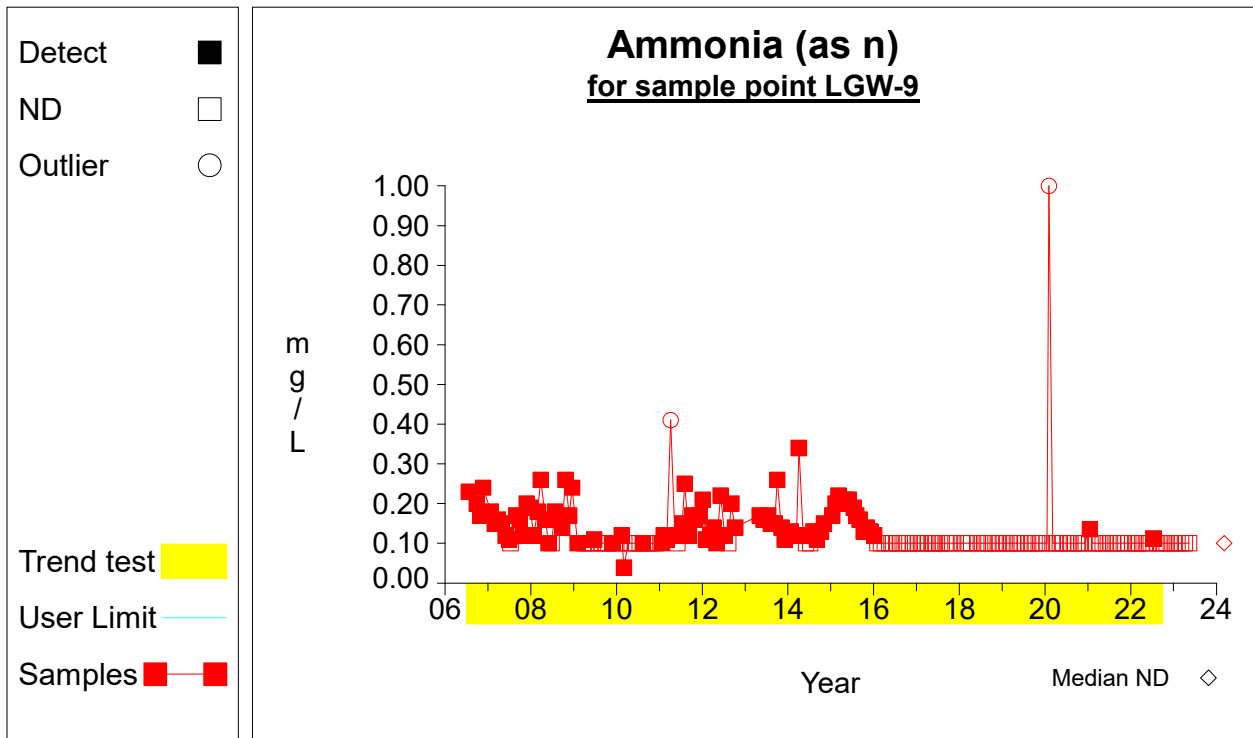
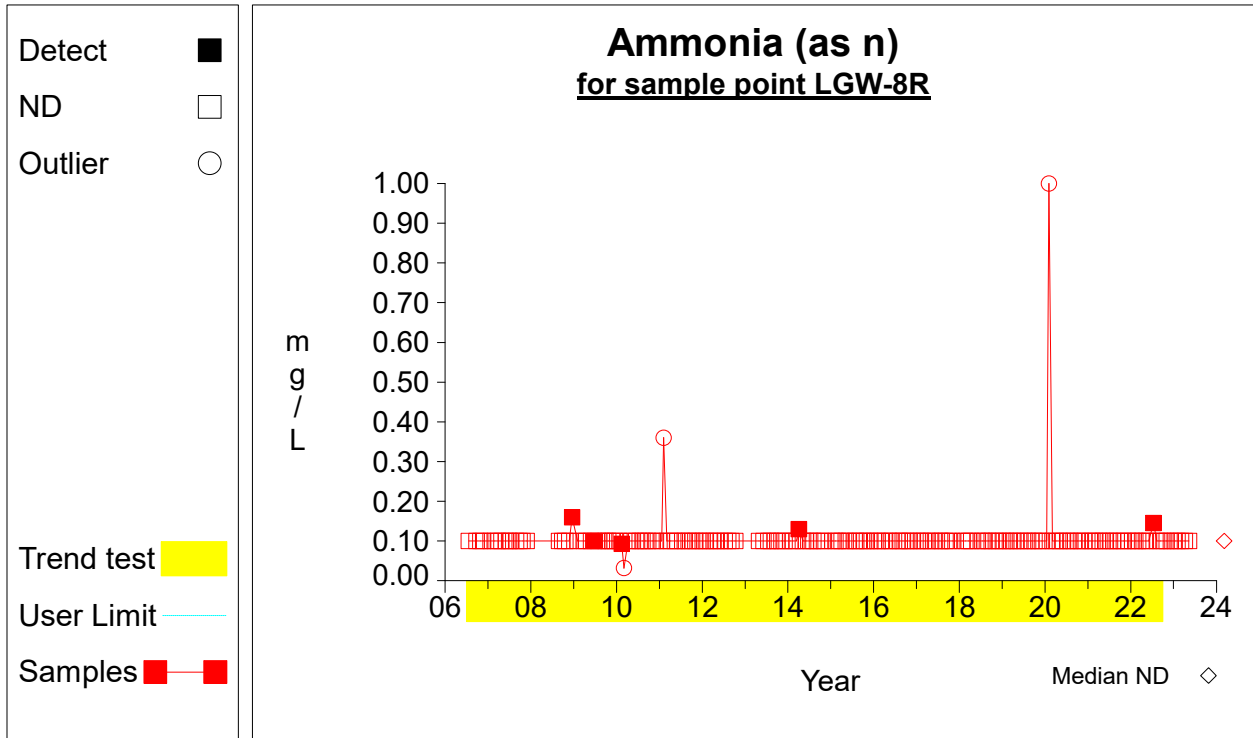
Time Series



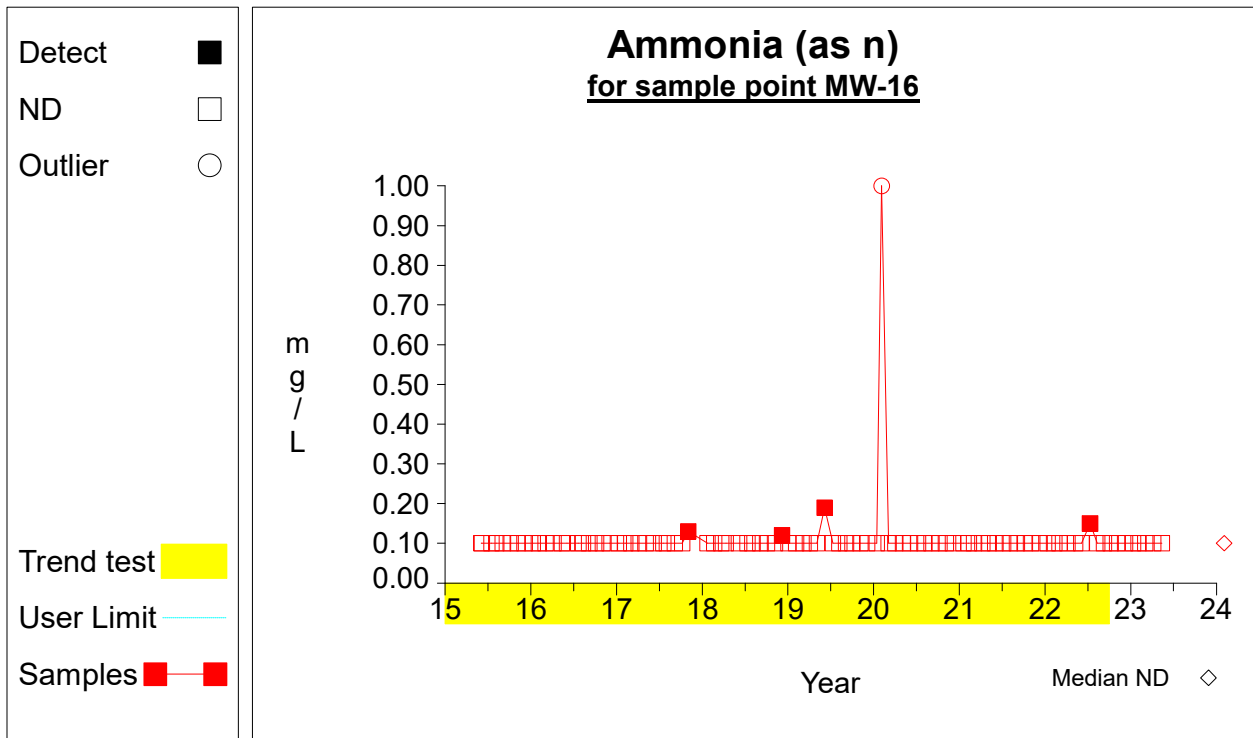
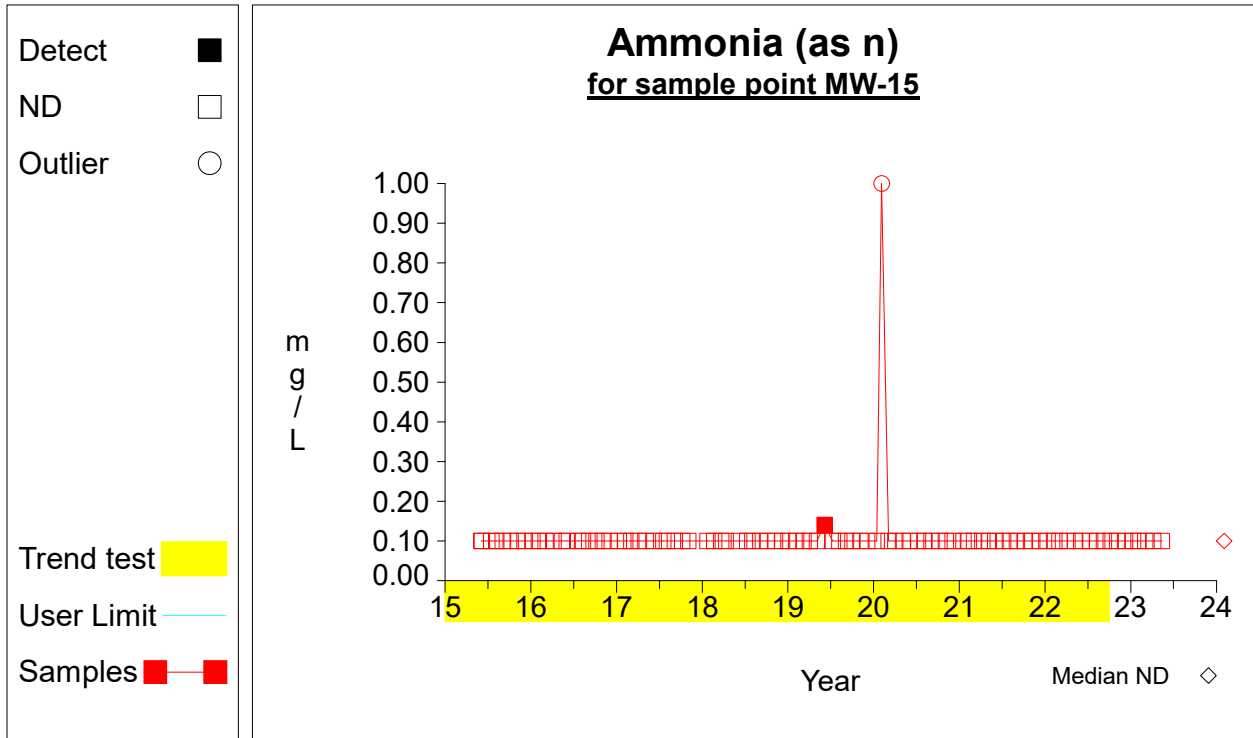
Time Series



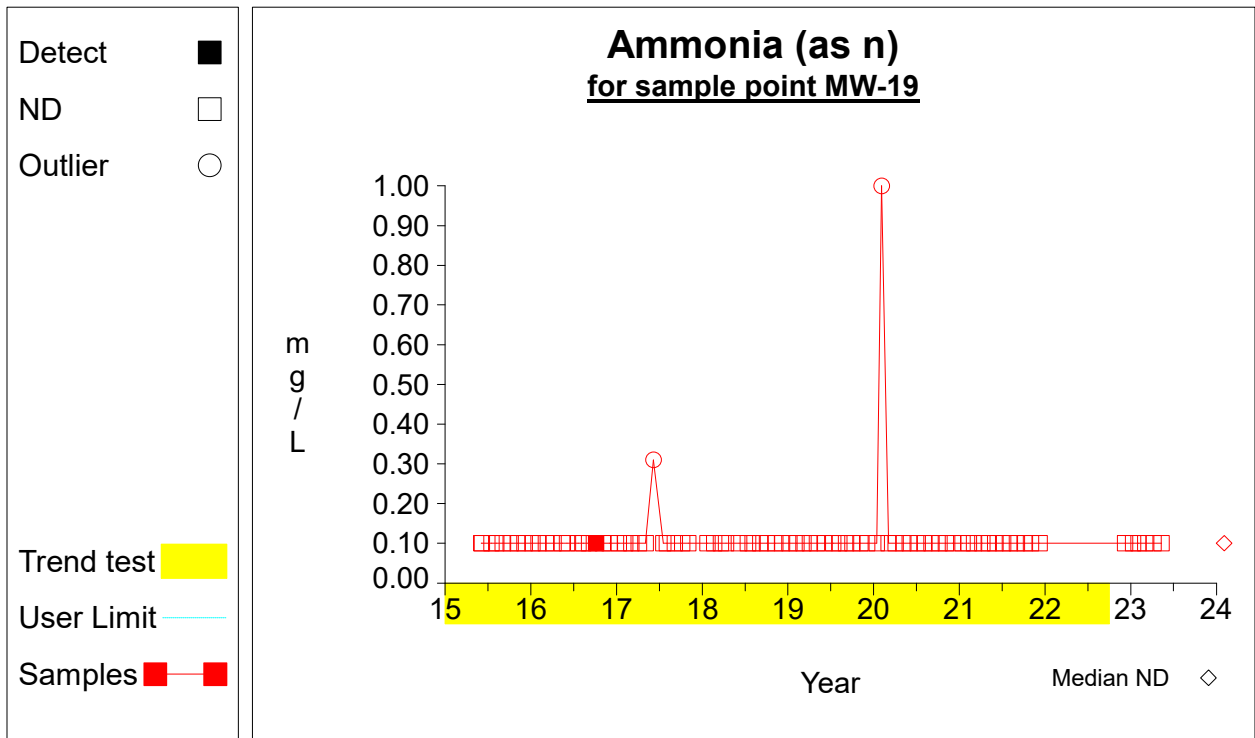
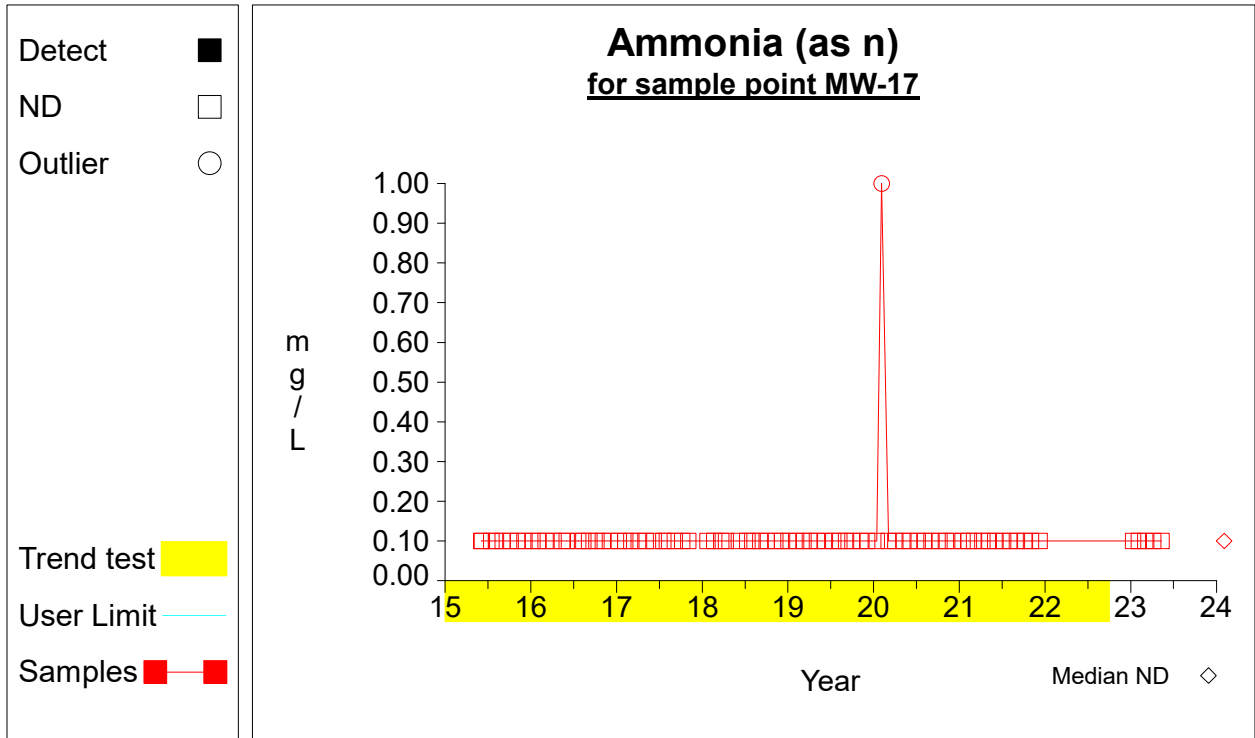
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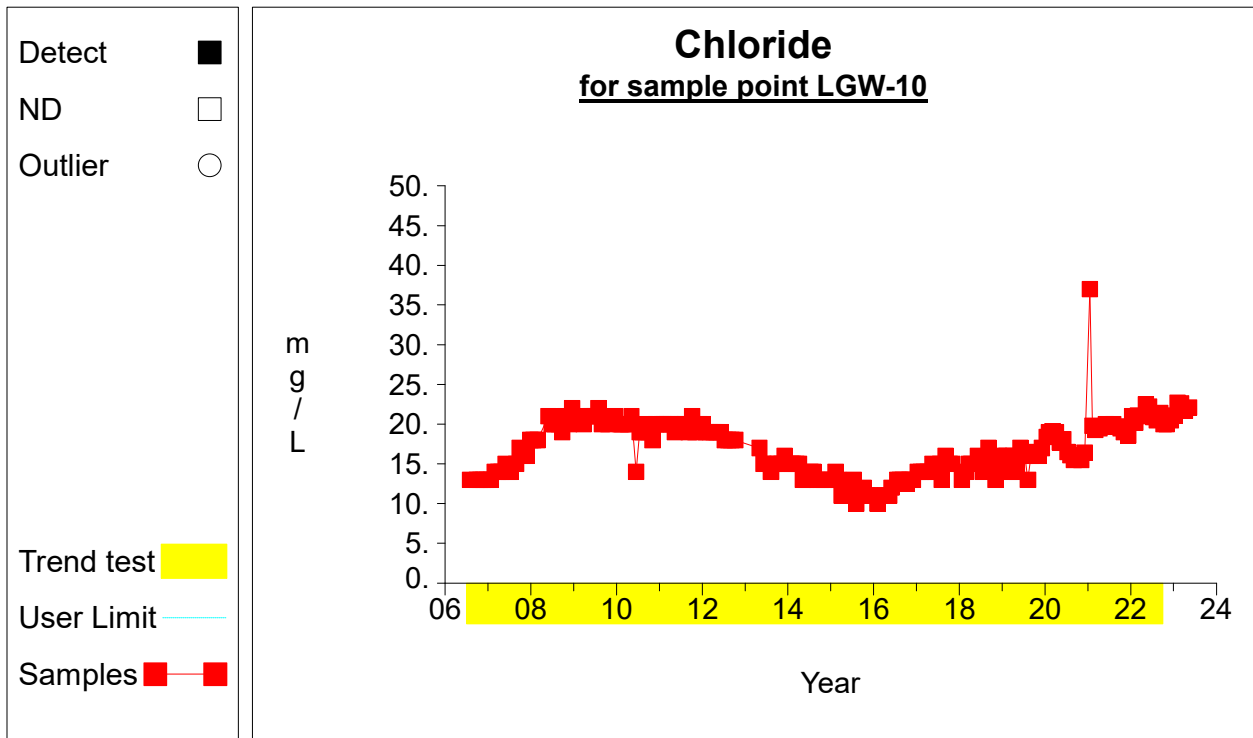
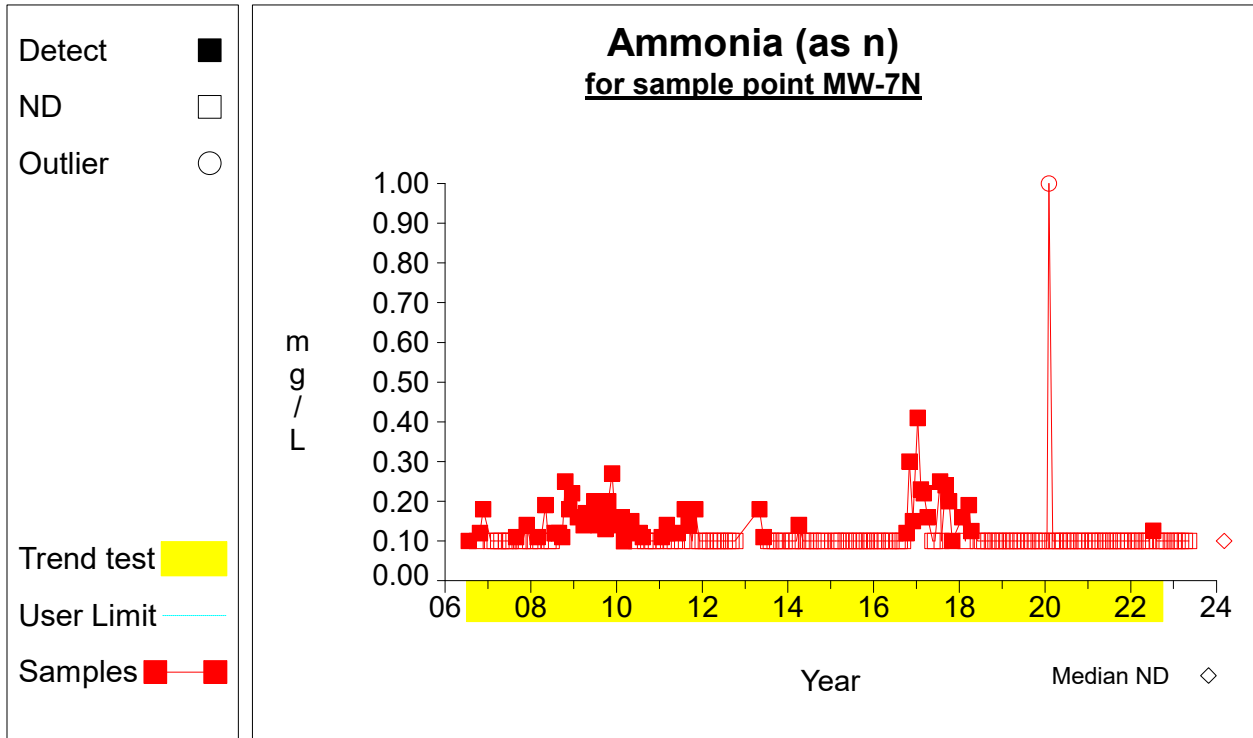
Time Series



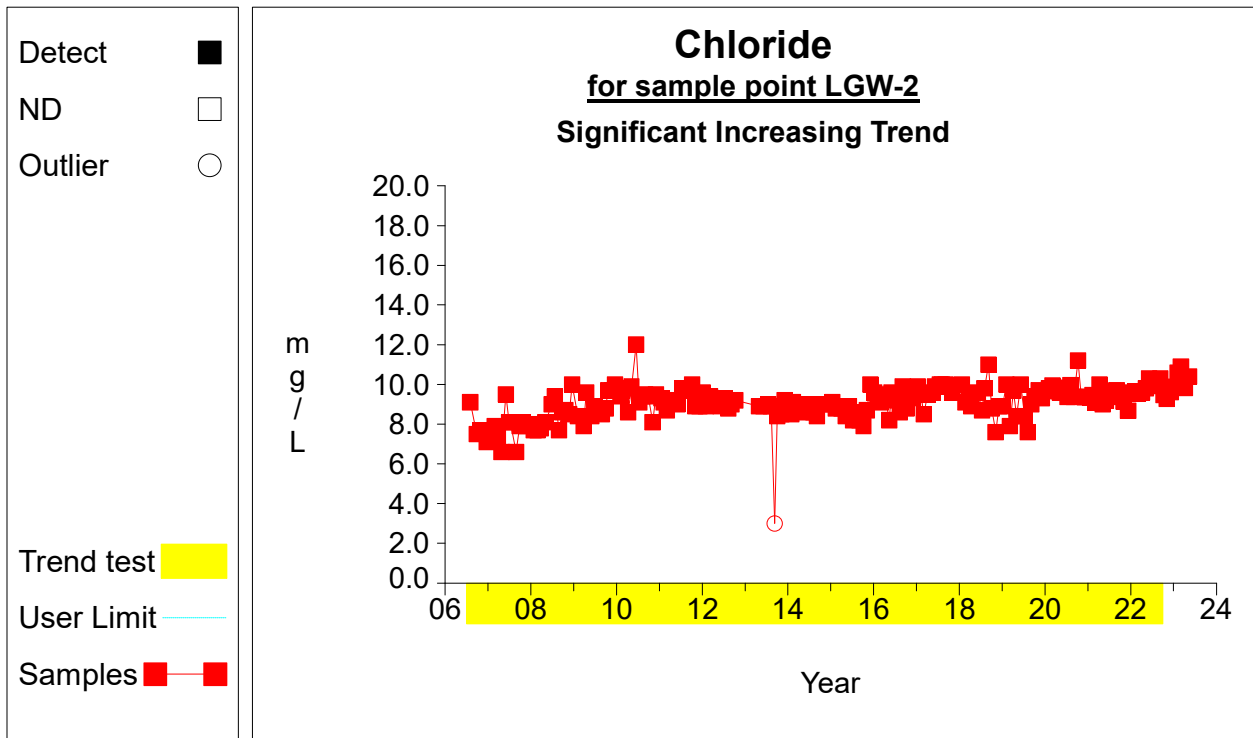
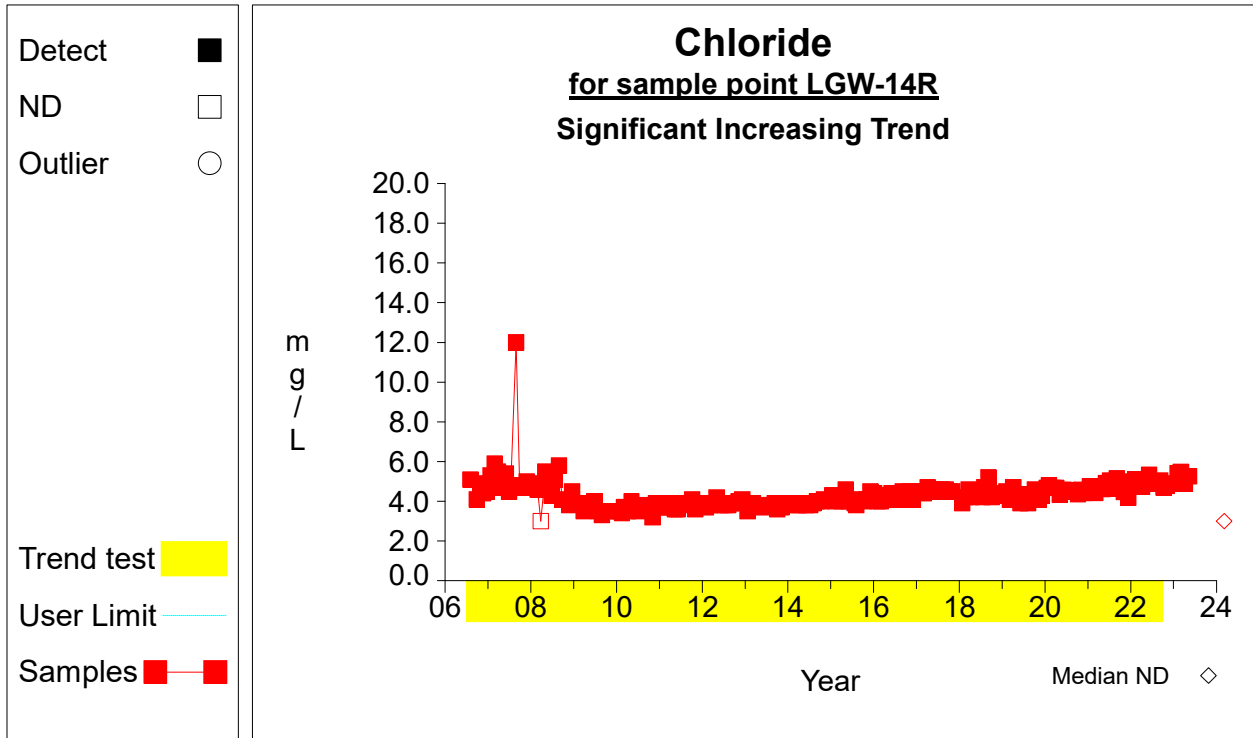
Time Series



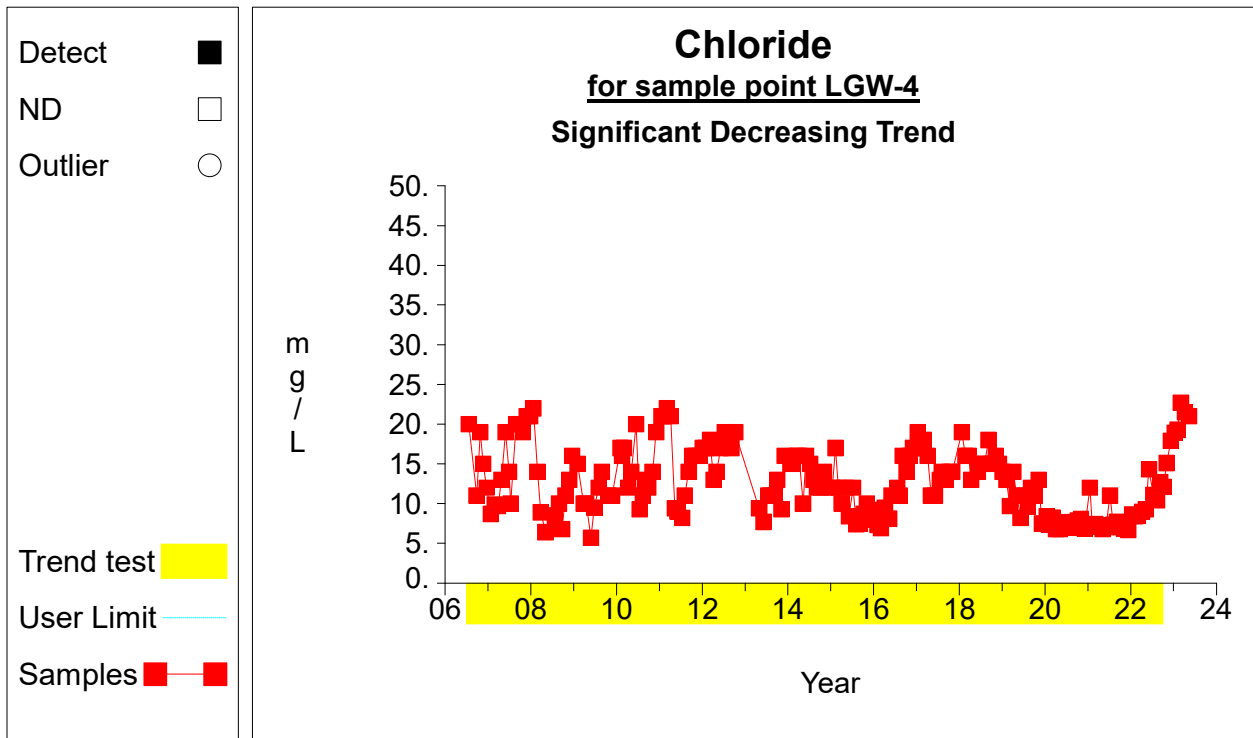
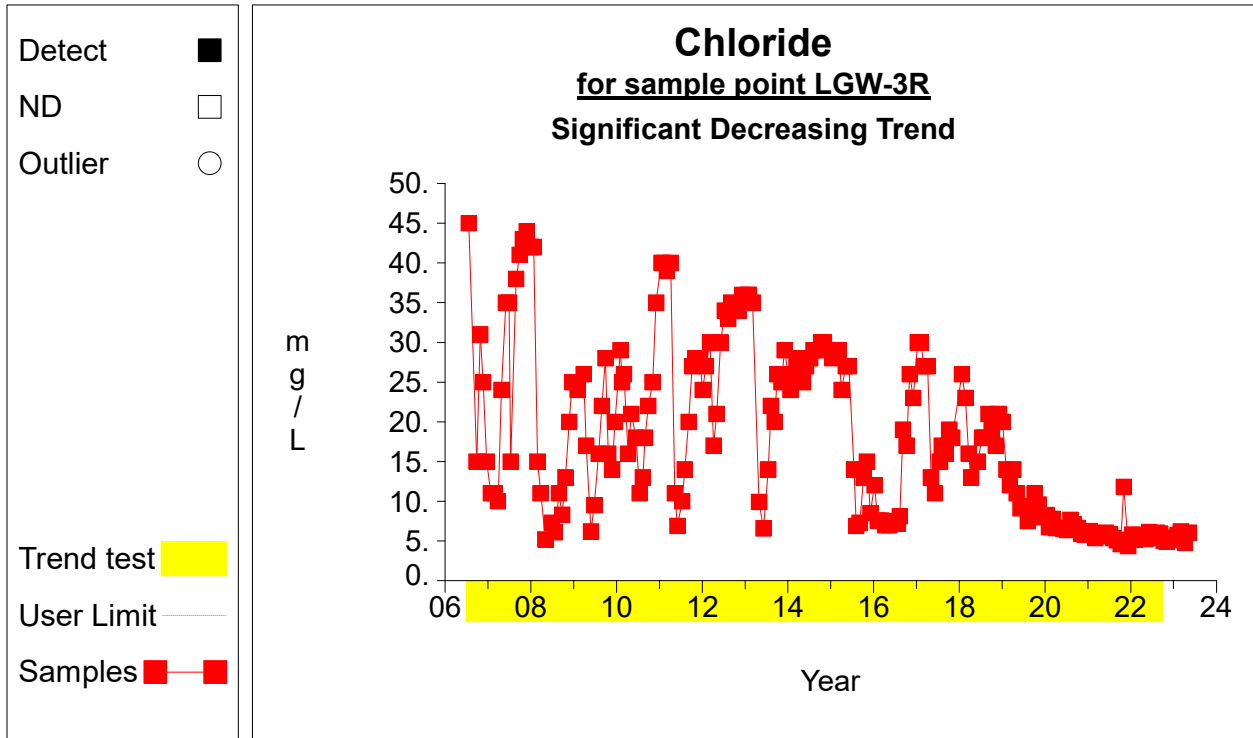
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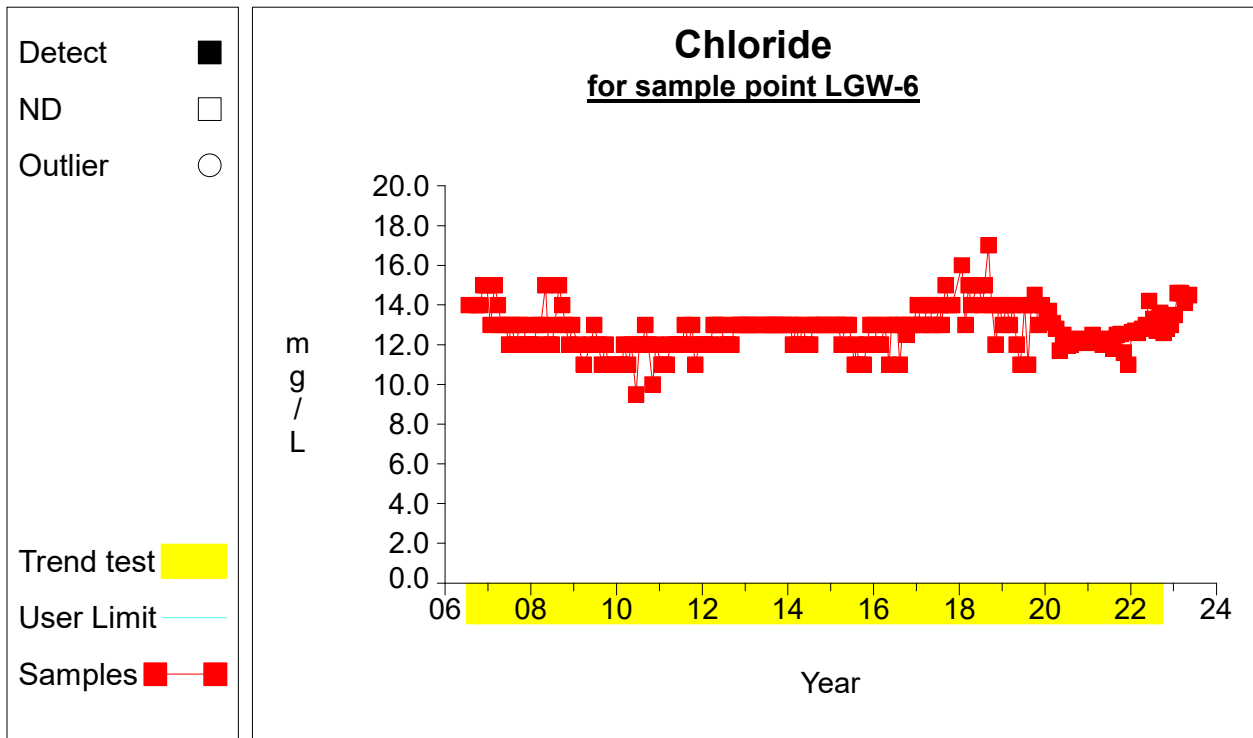
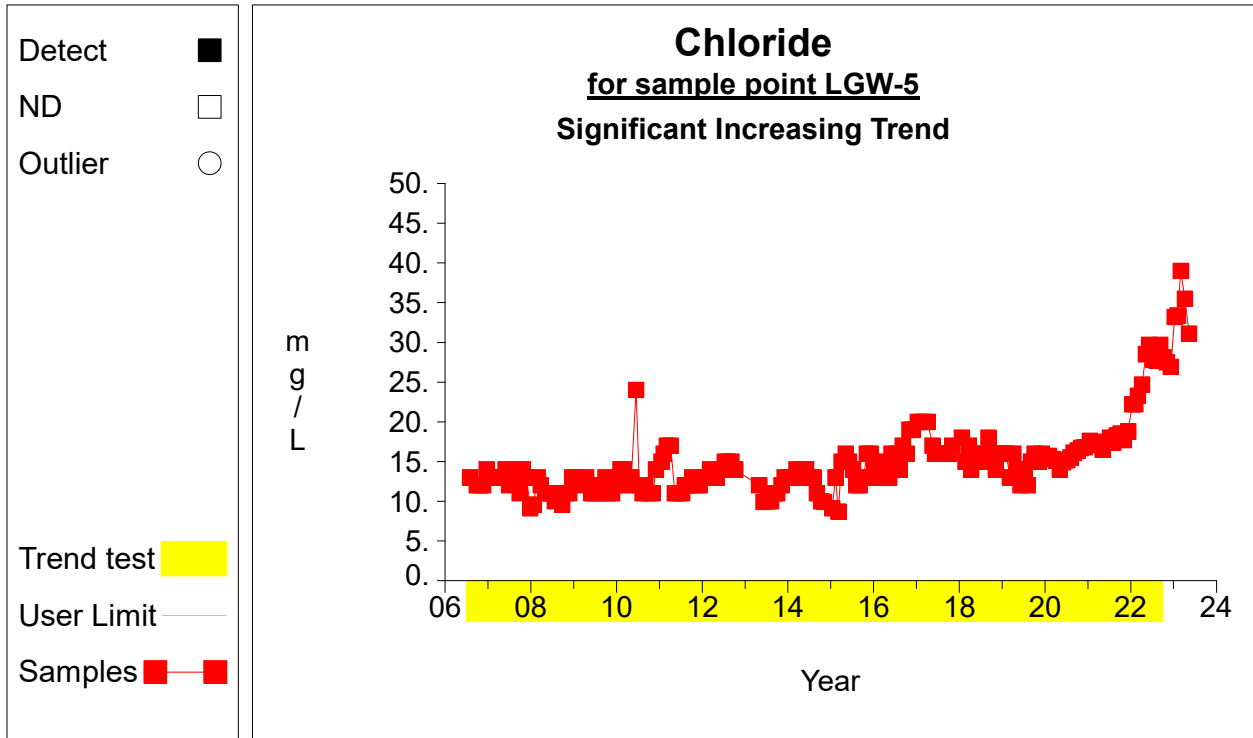
Time Series



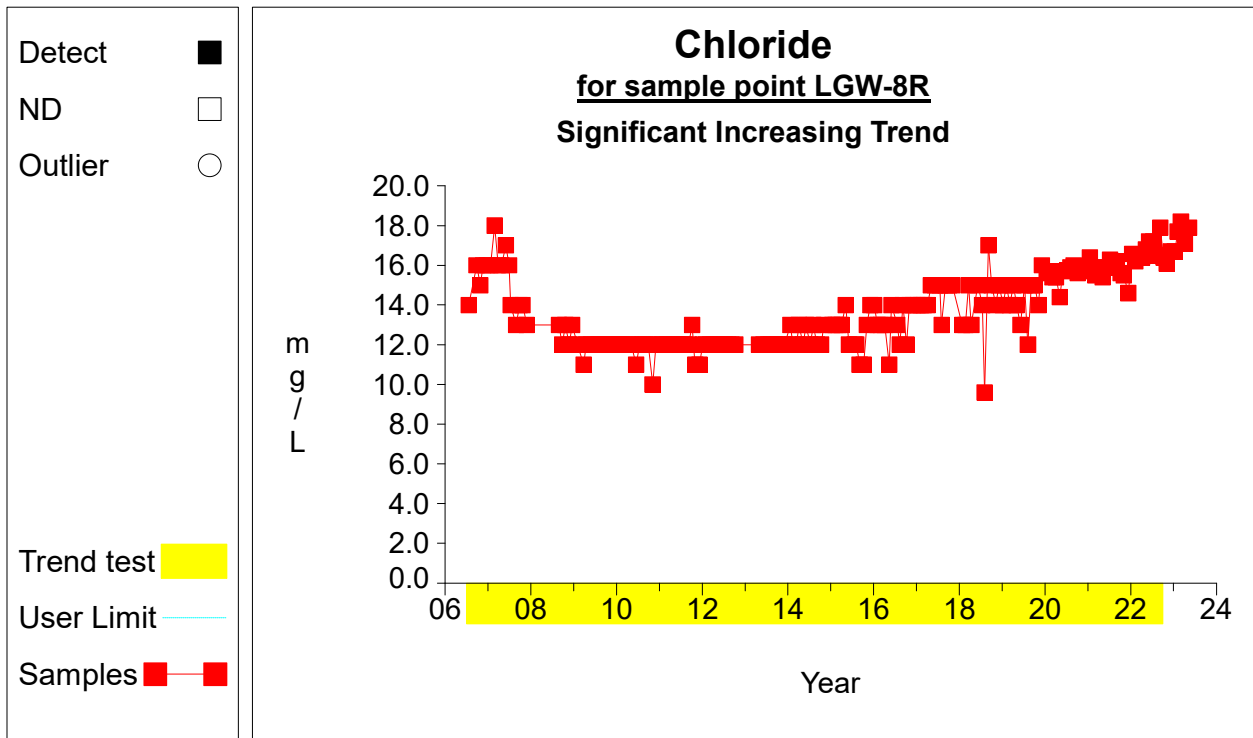
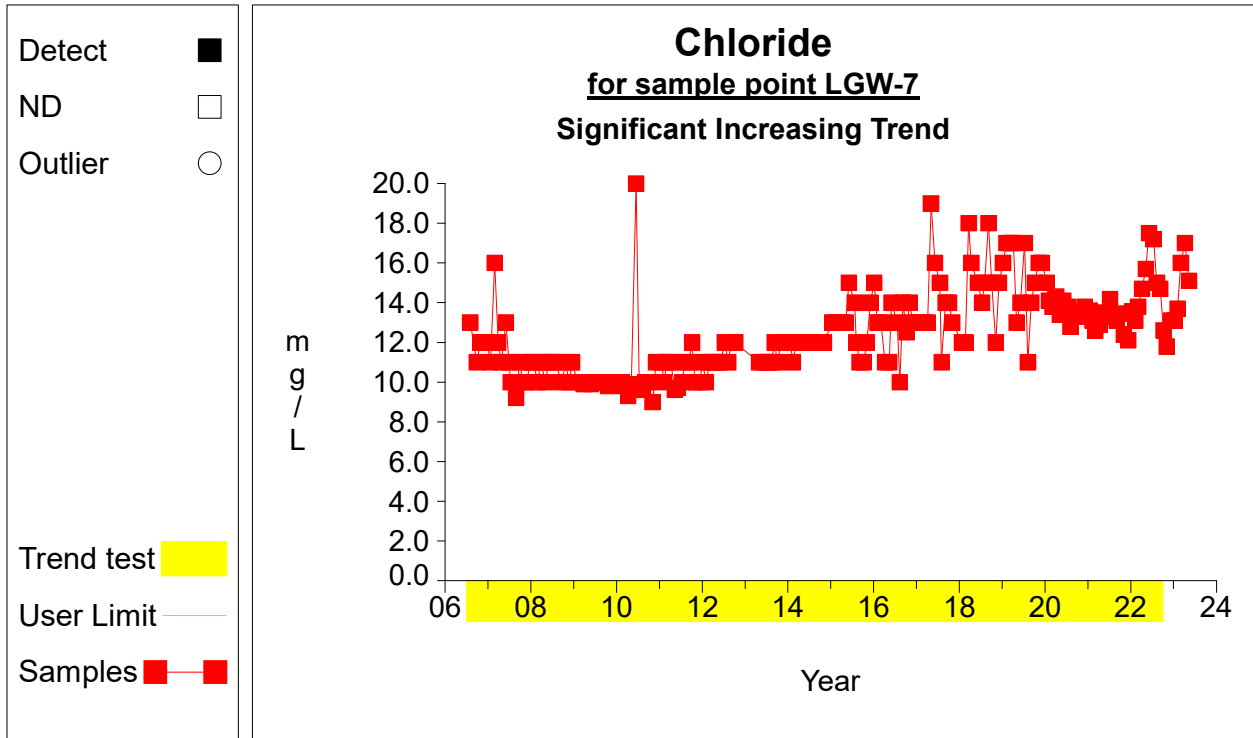
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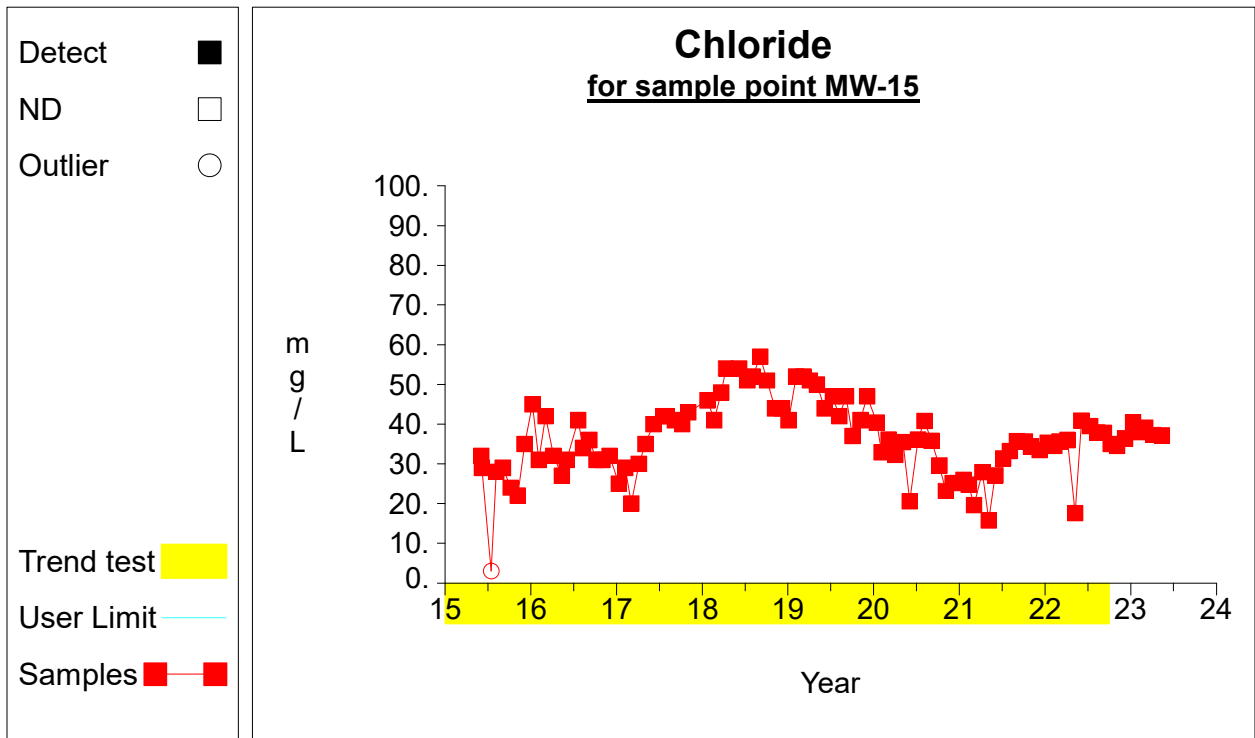
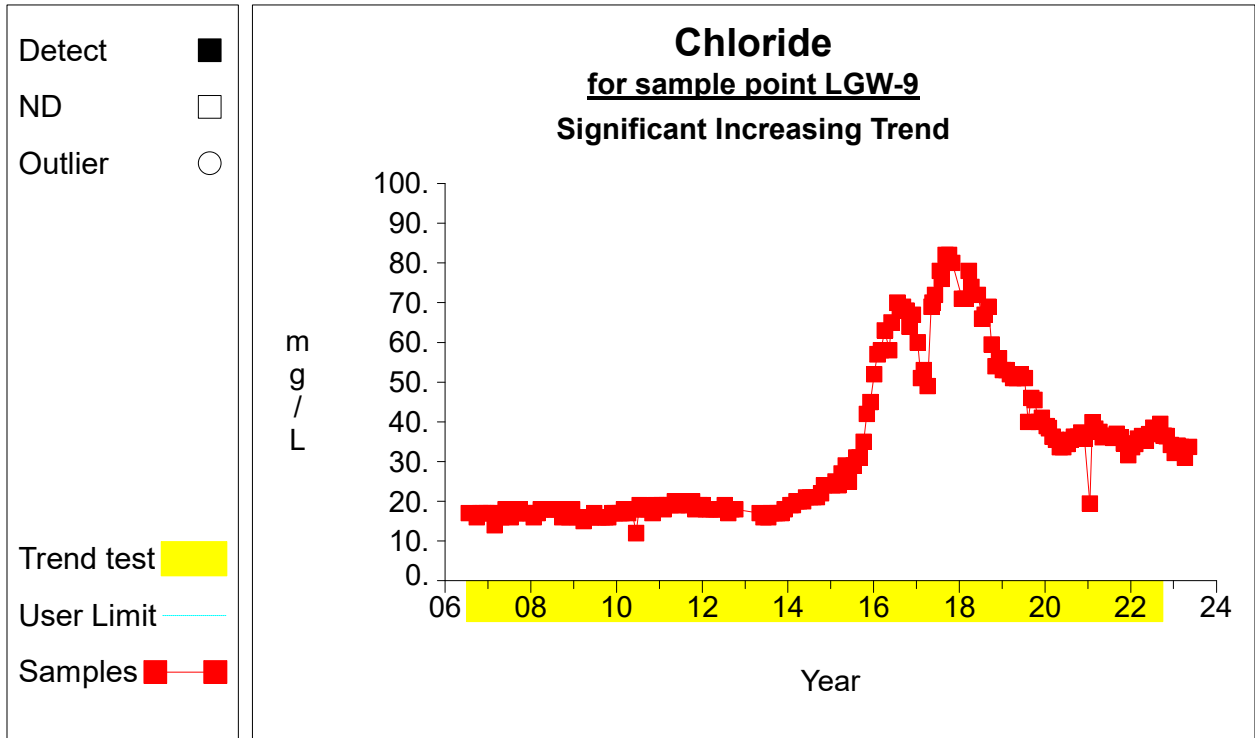
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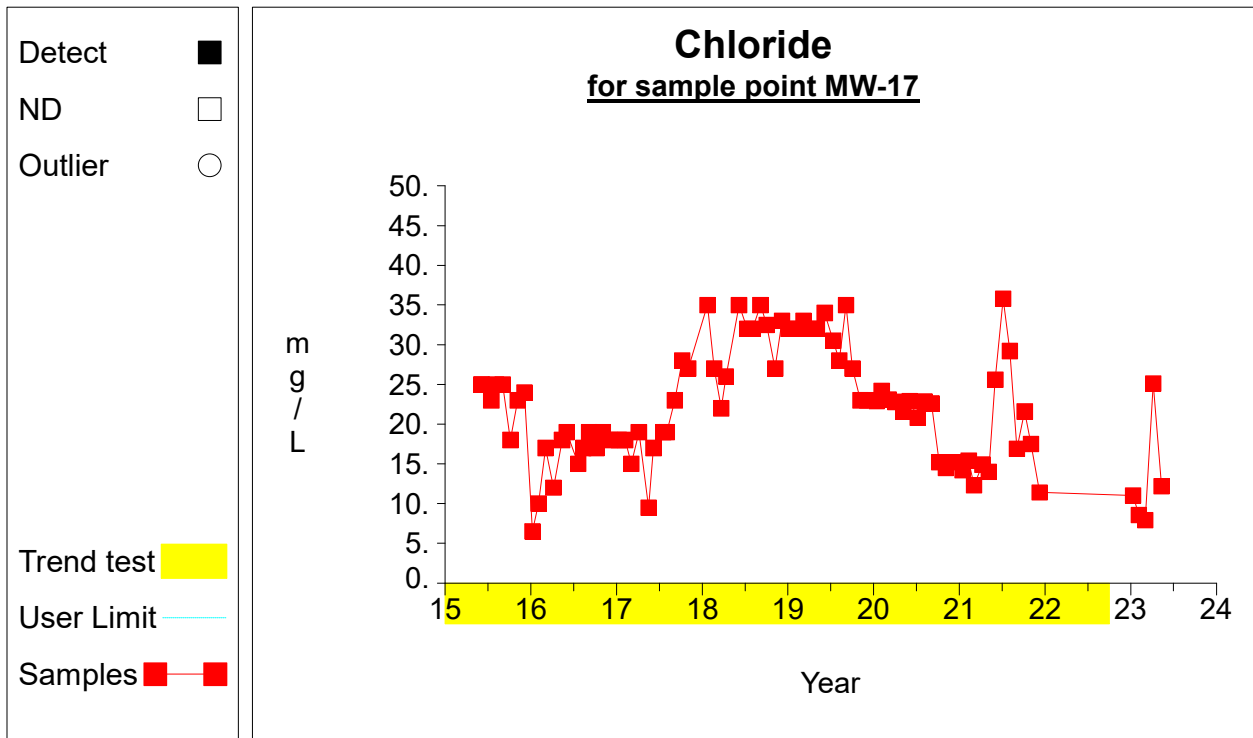
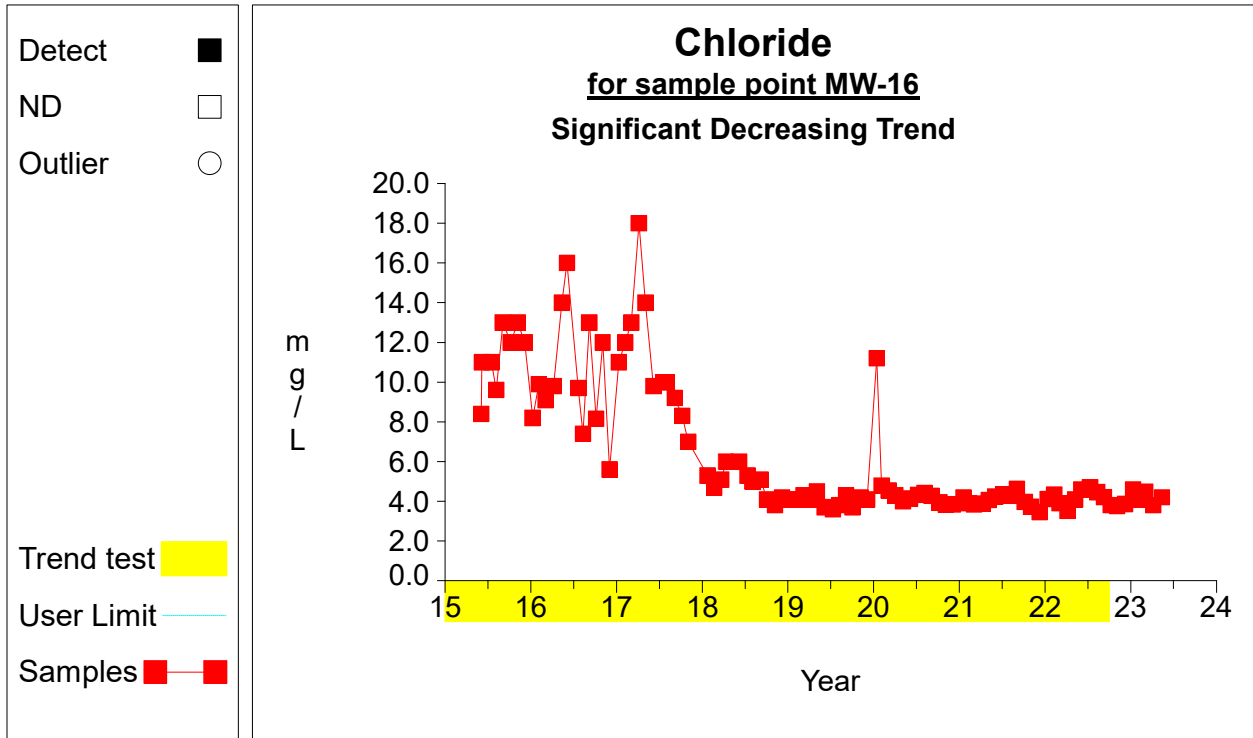
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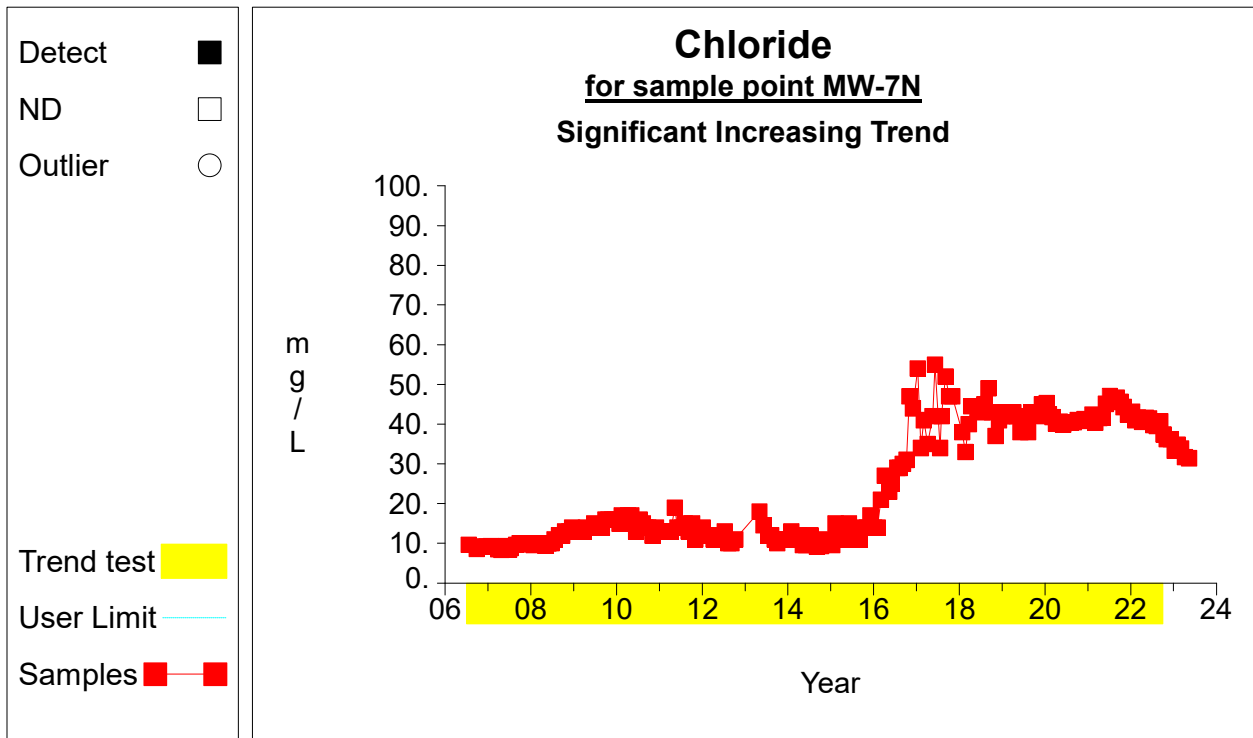
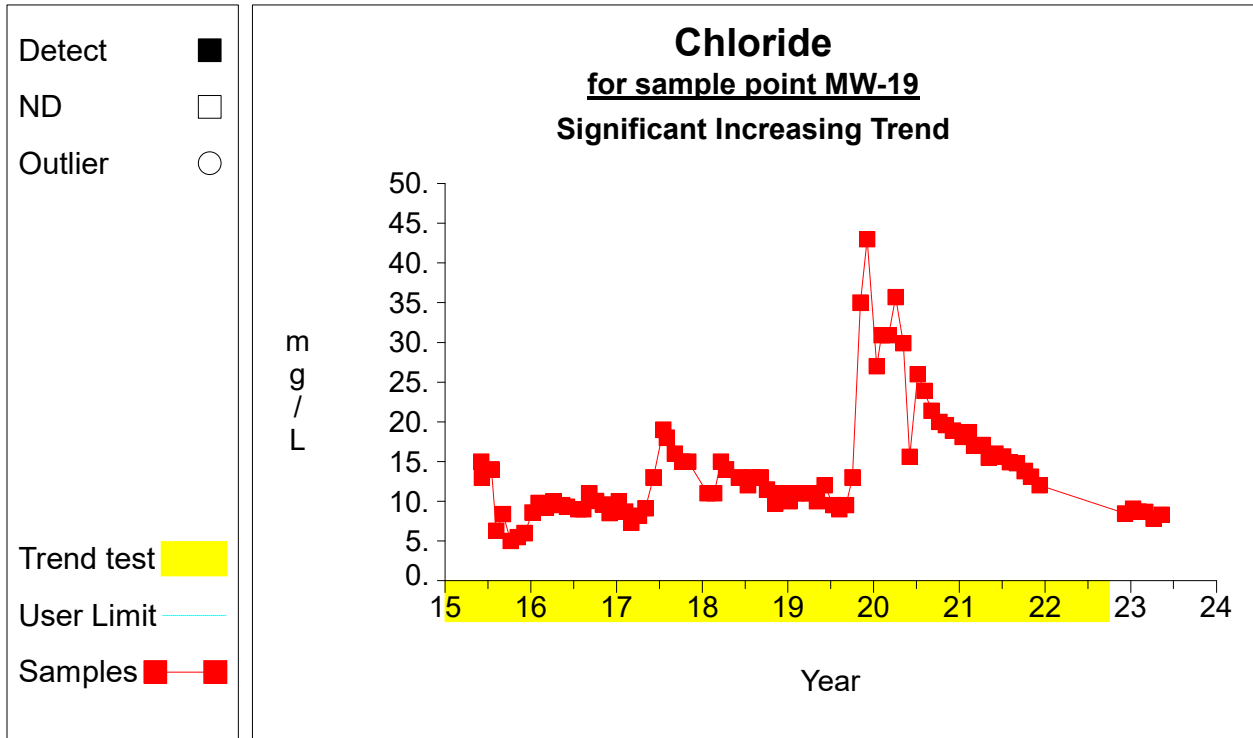
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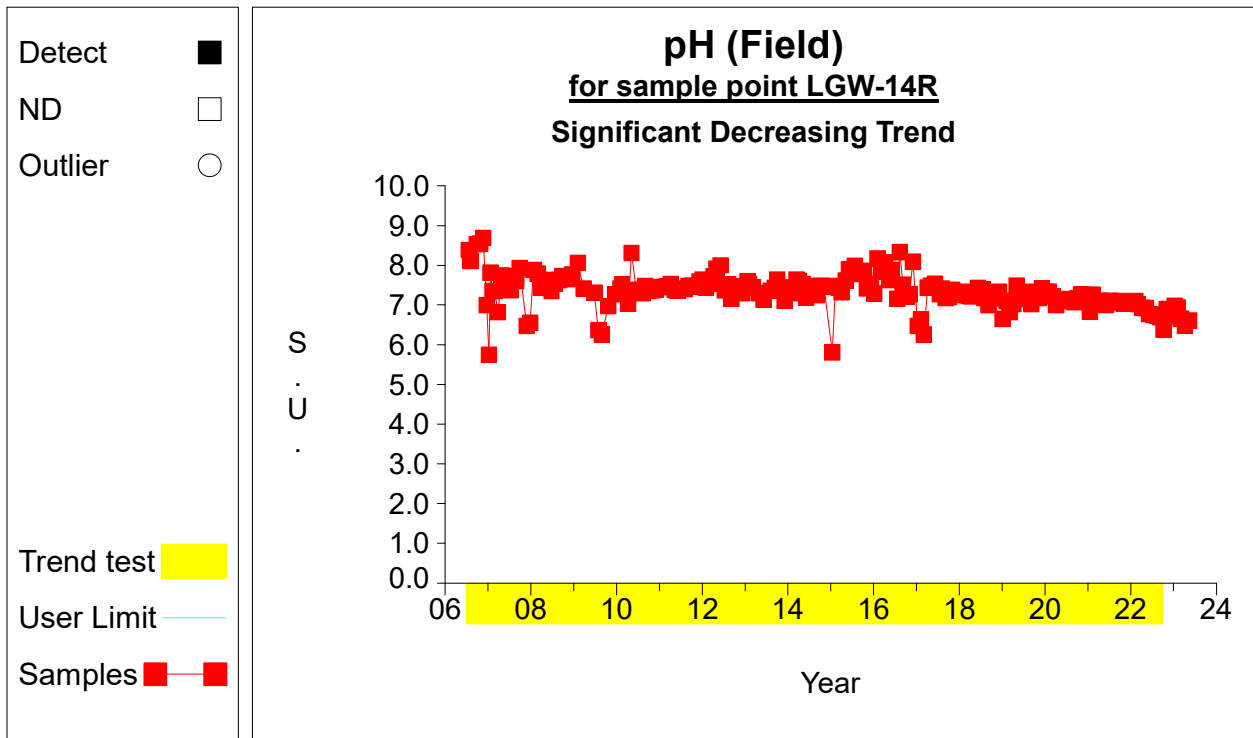
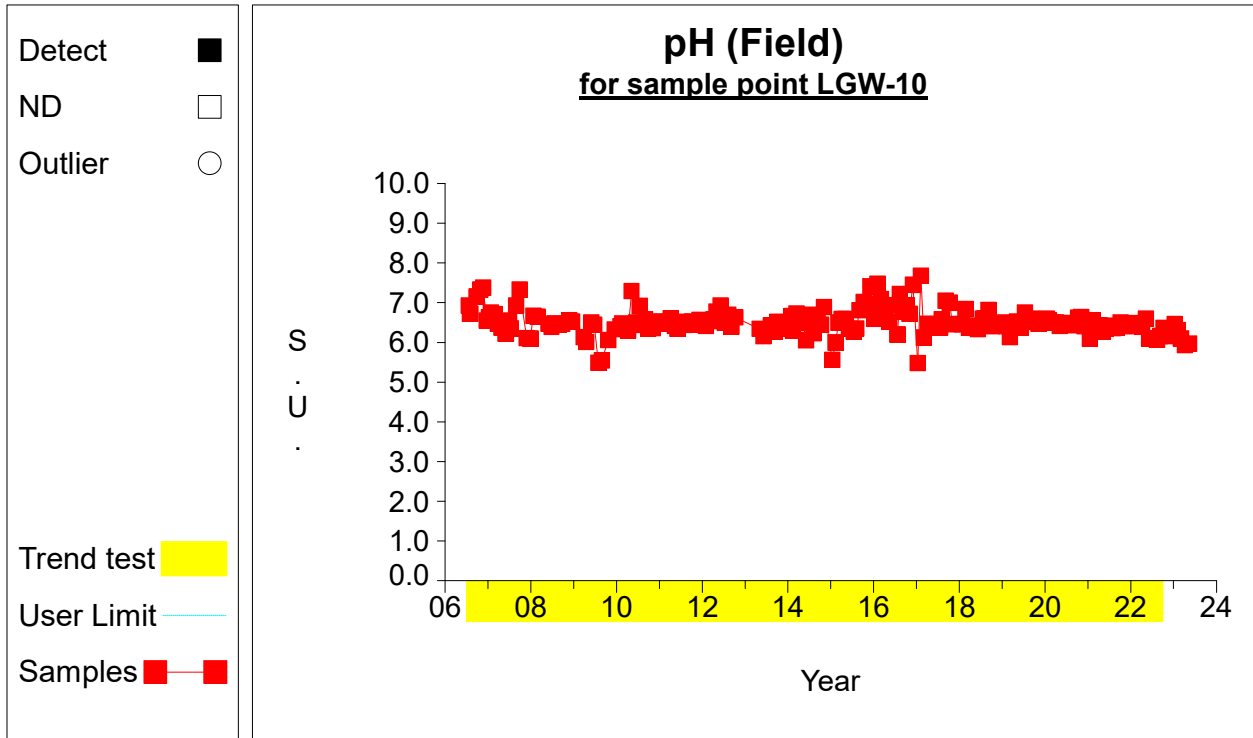
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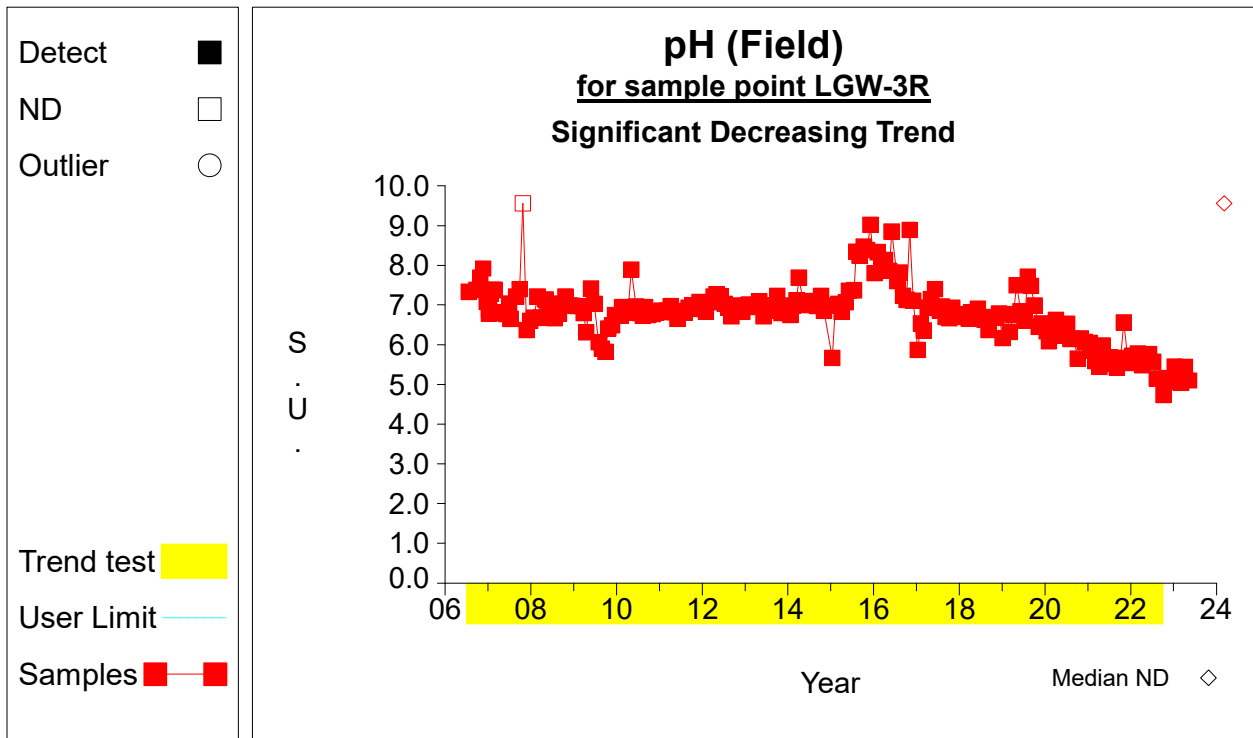
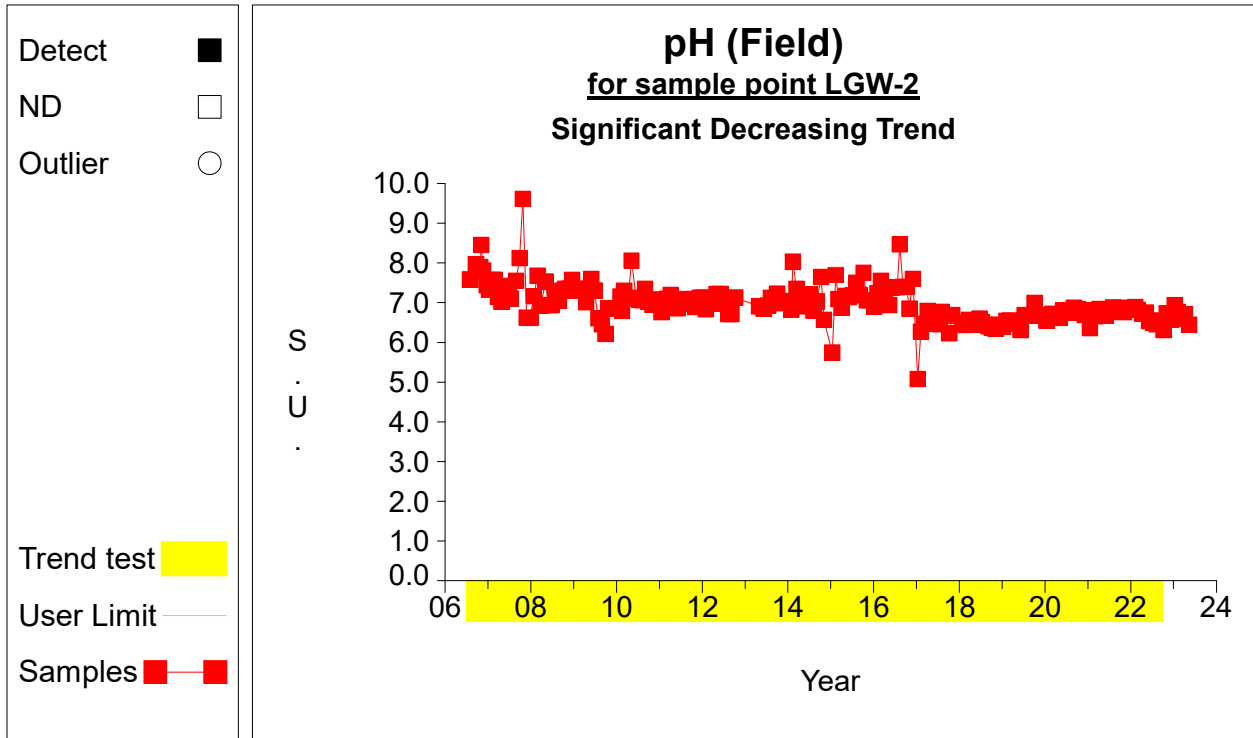
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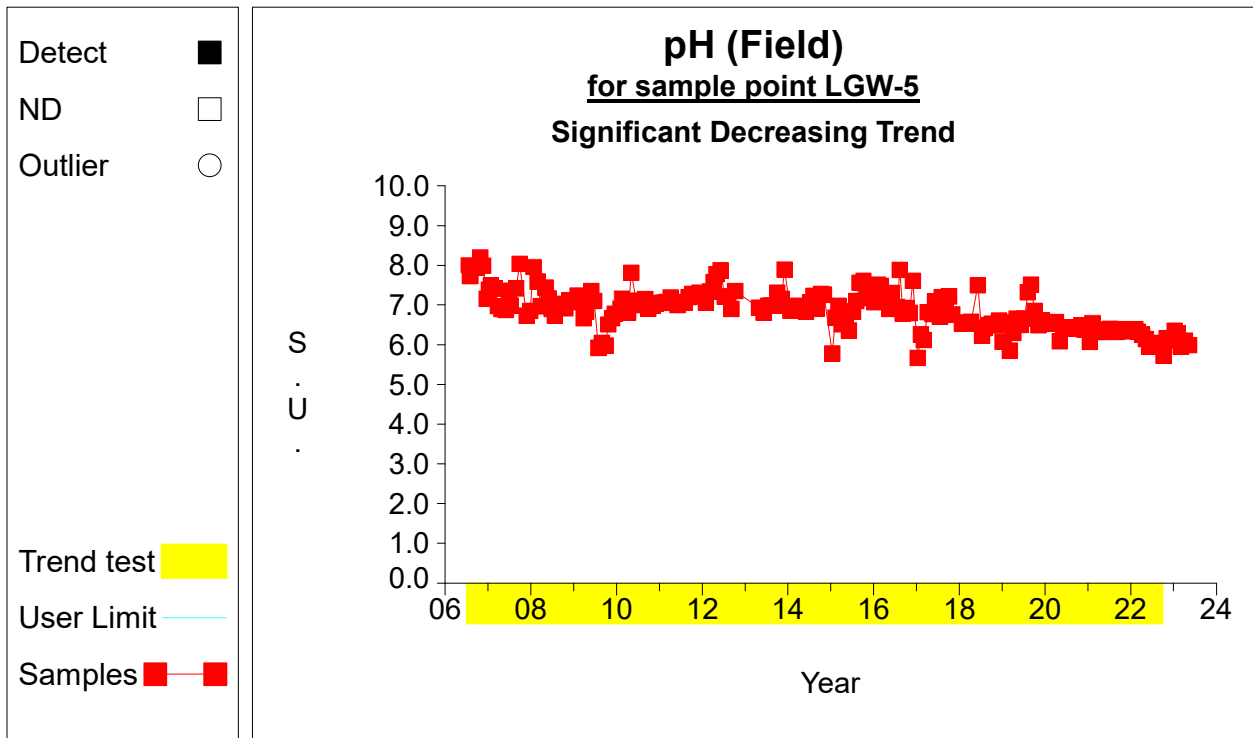
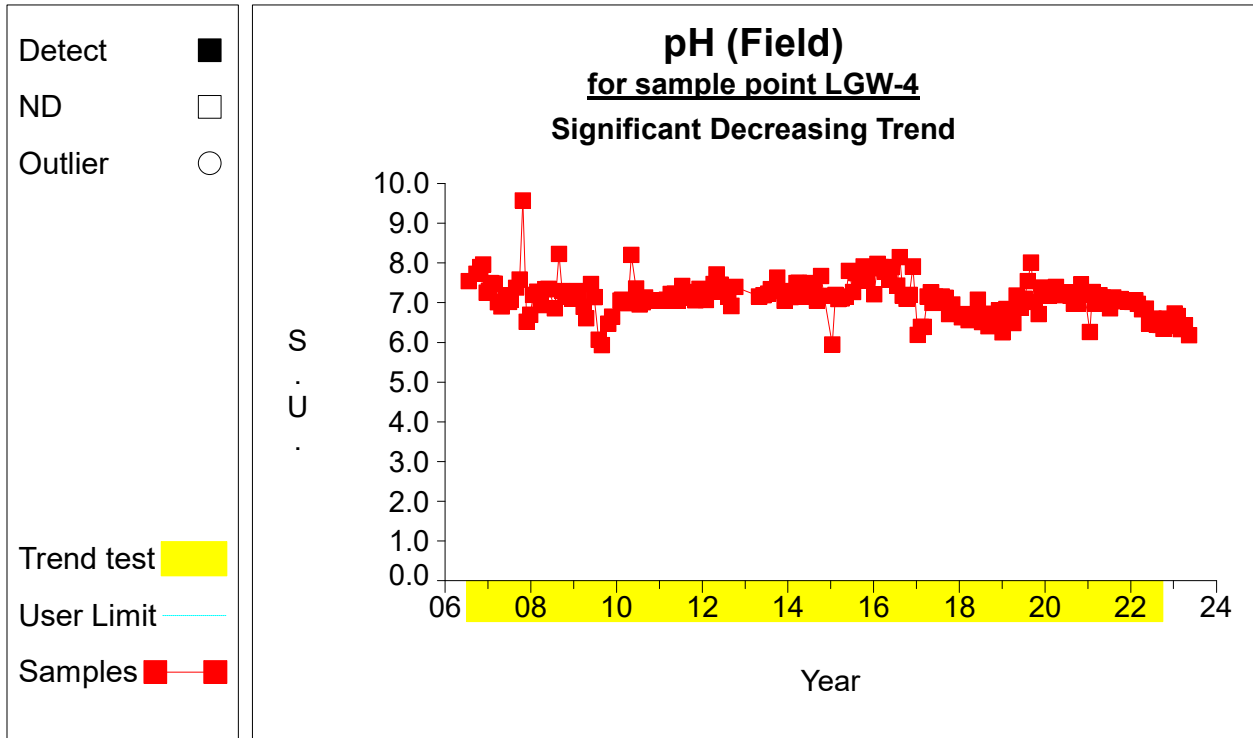
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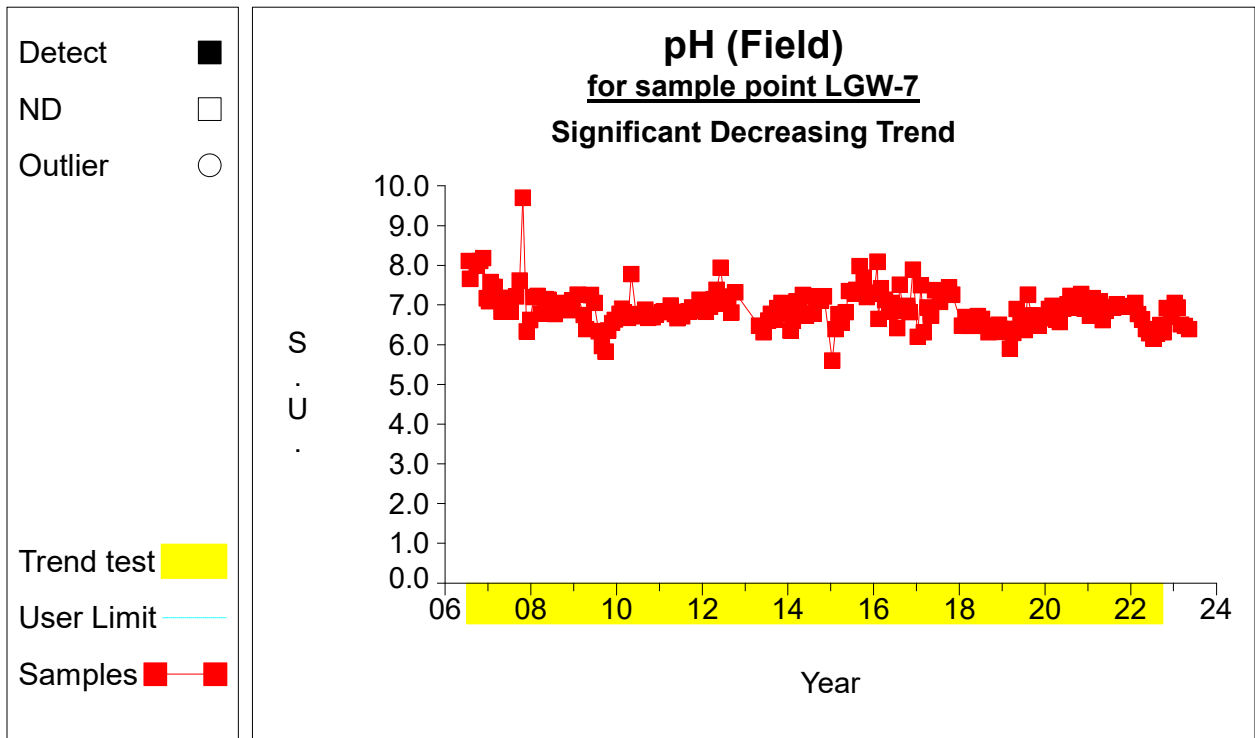
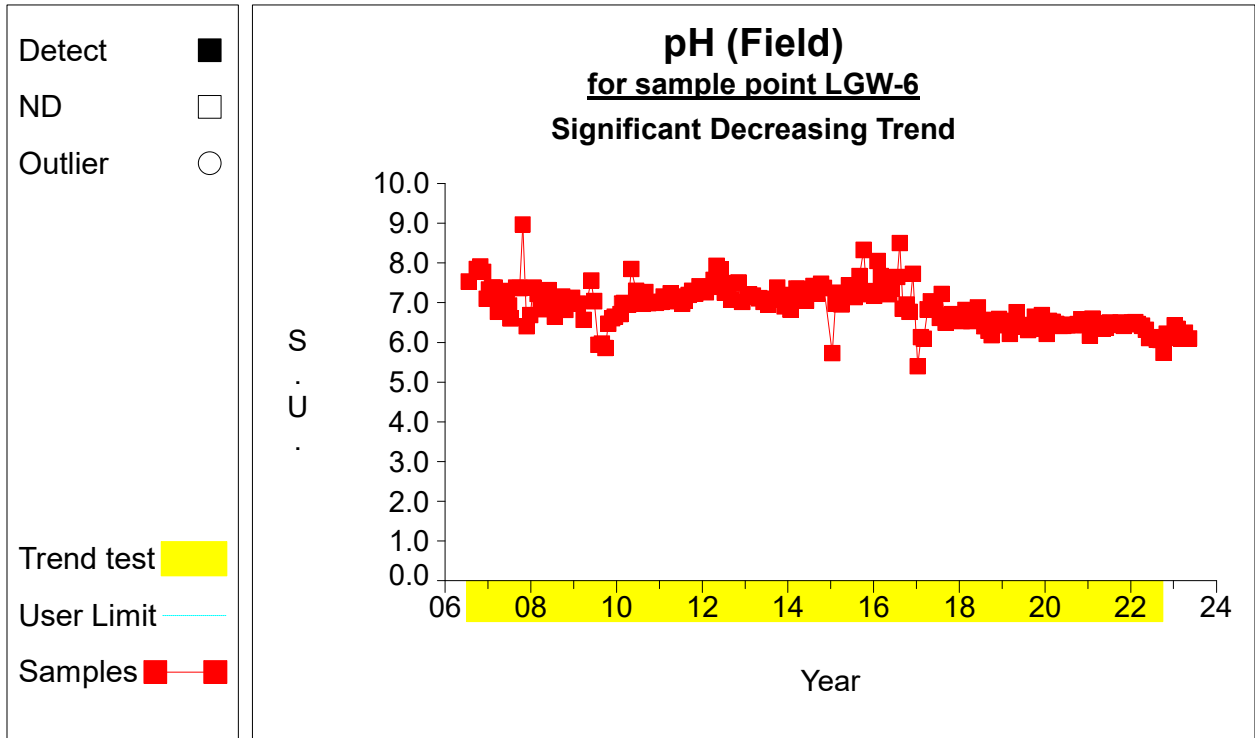
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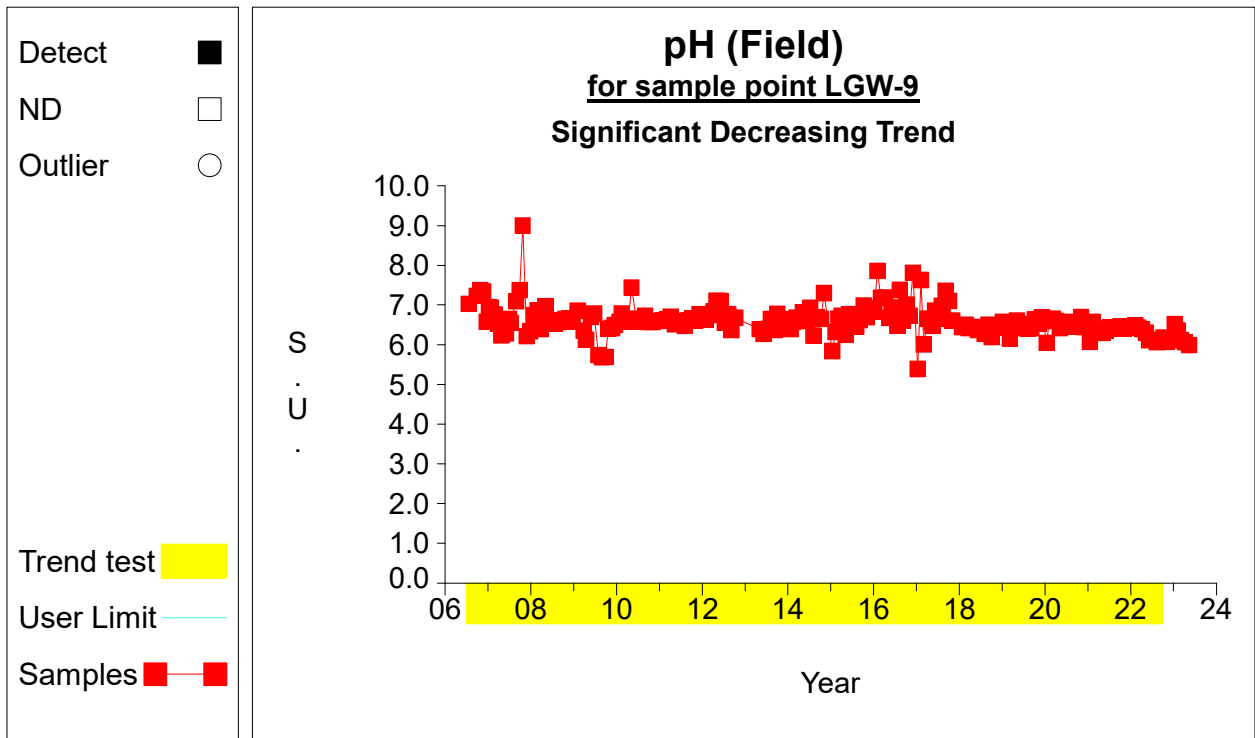
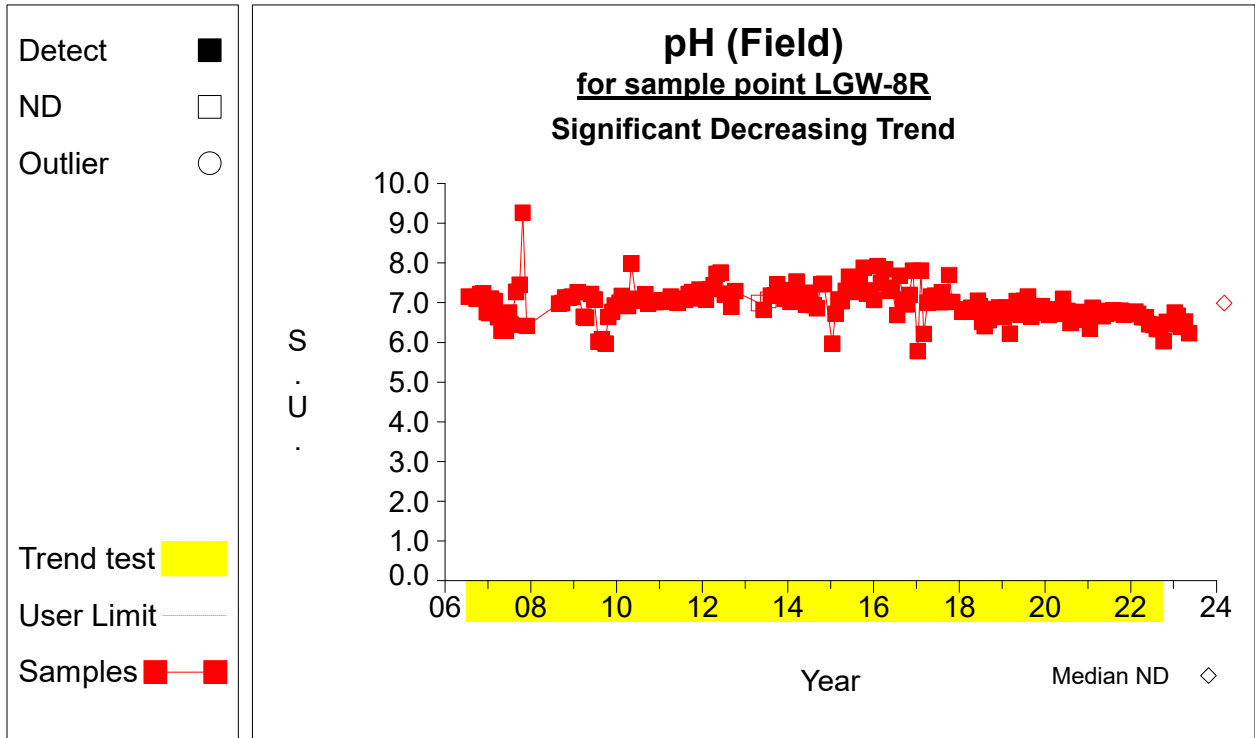
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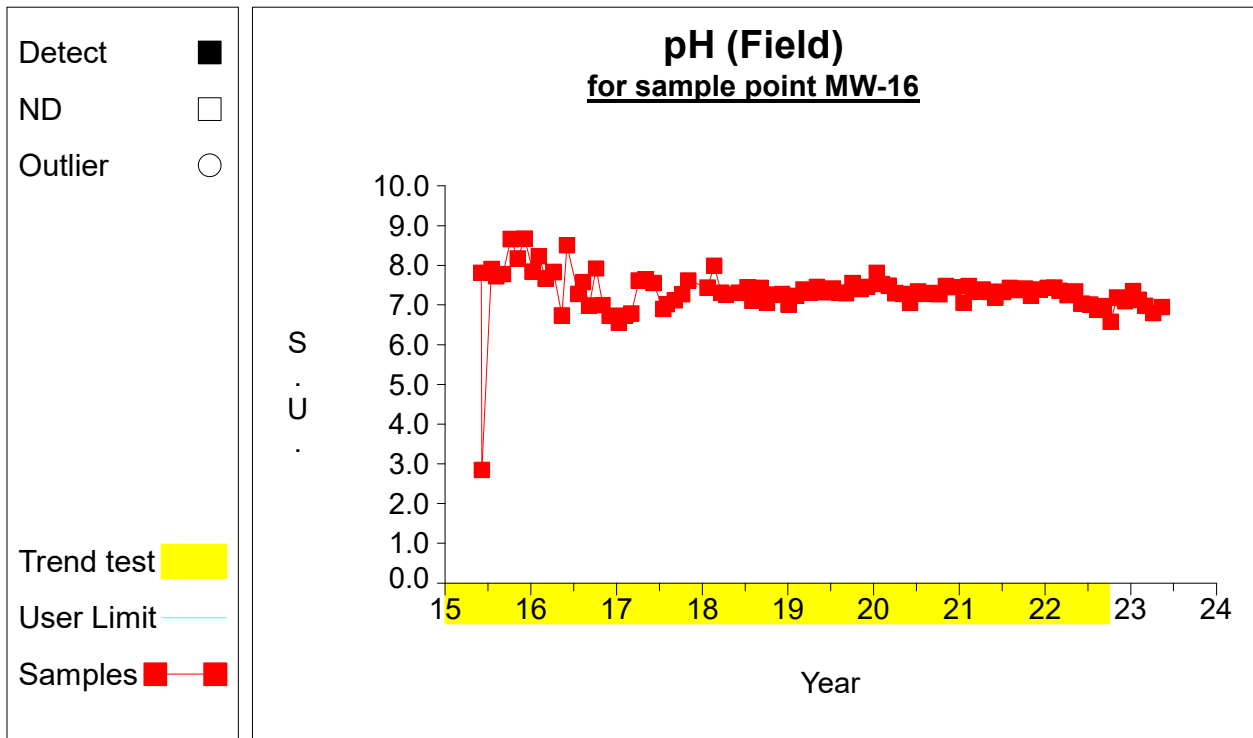
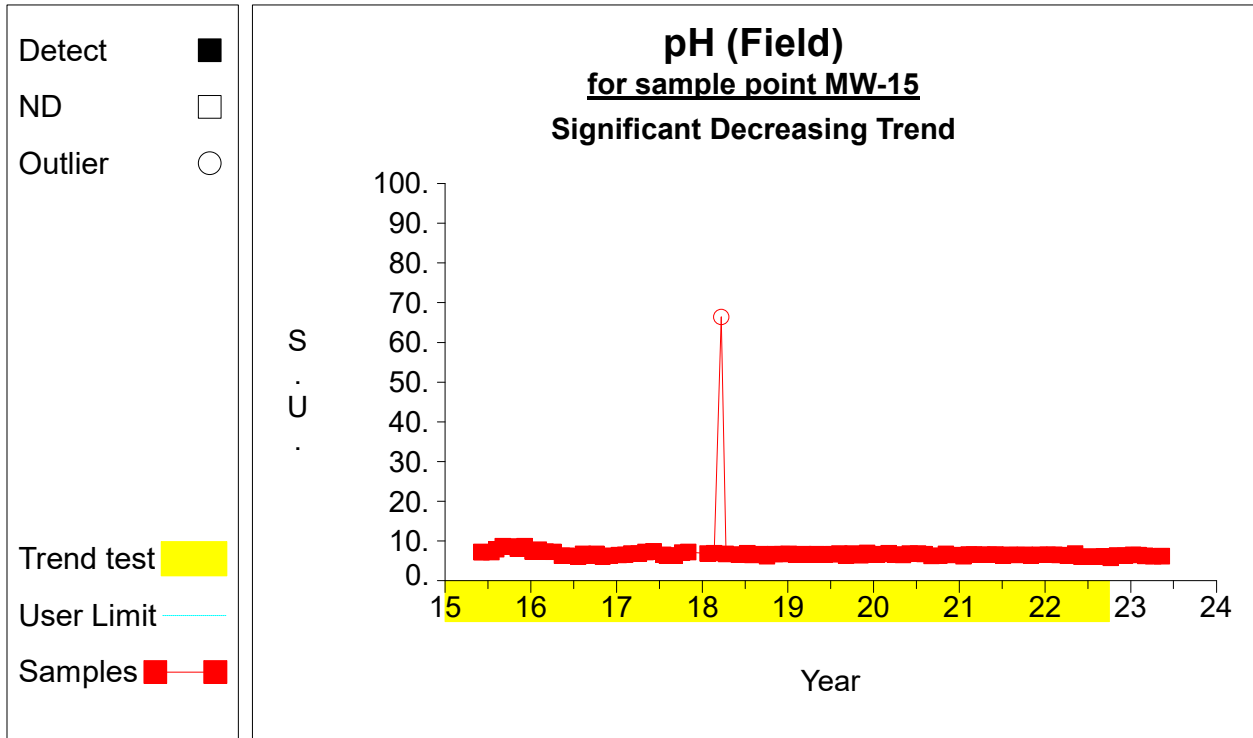
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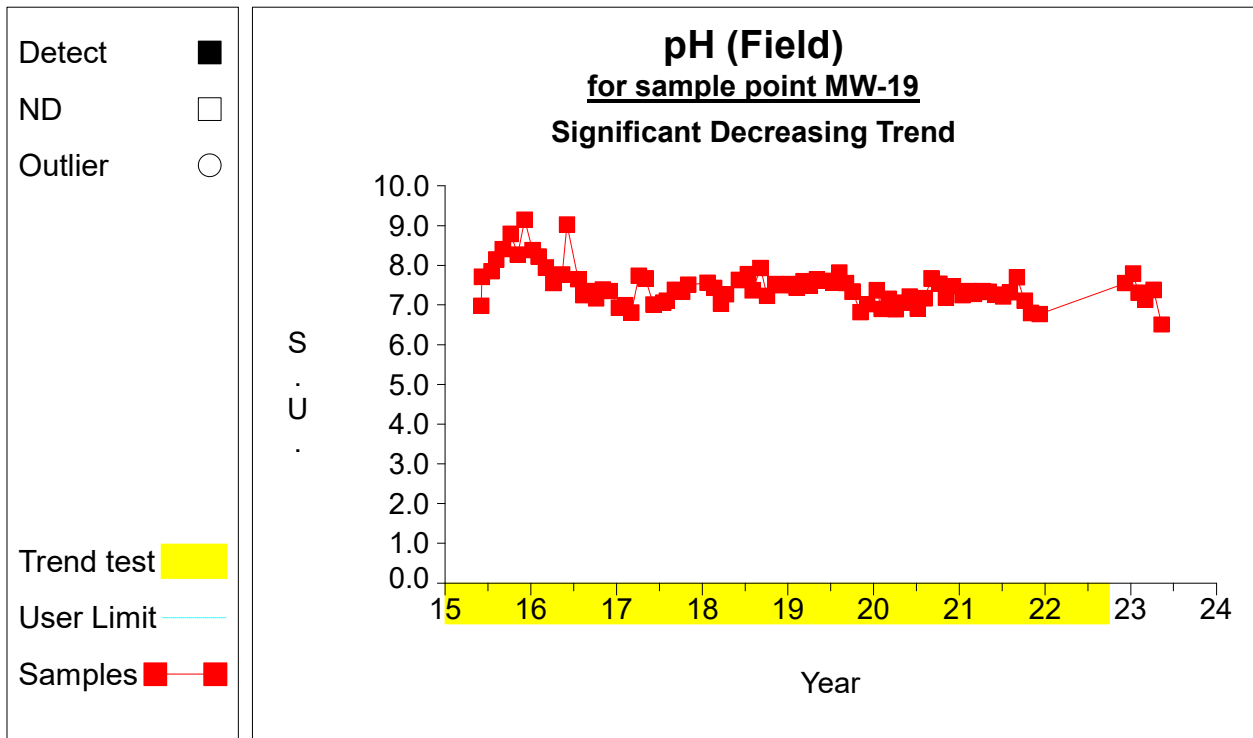
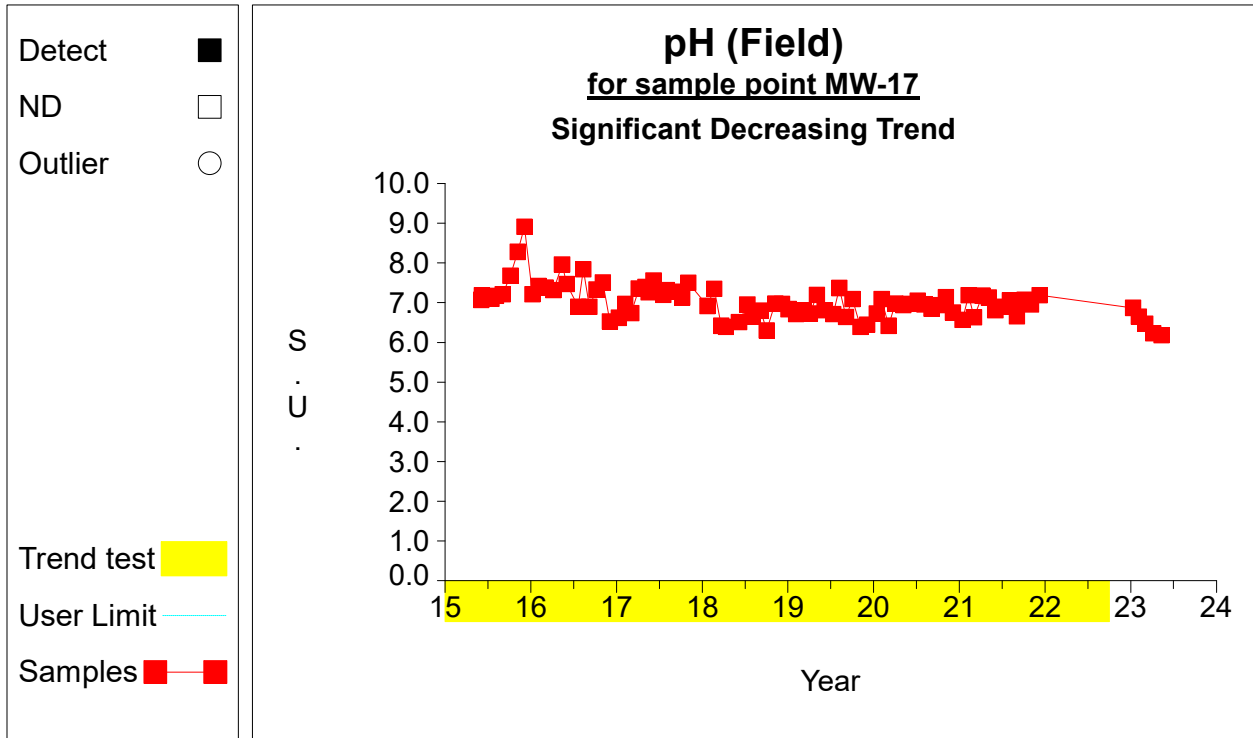
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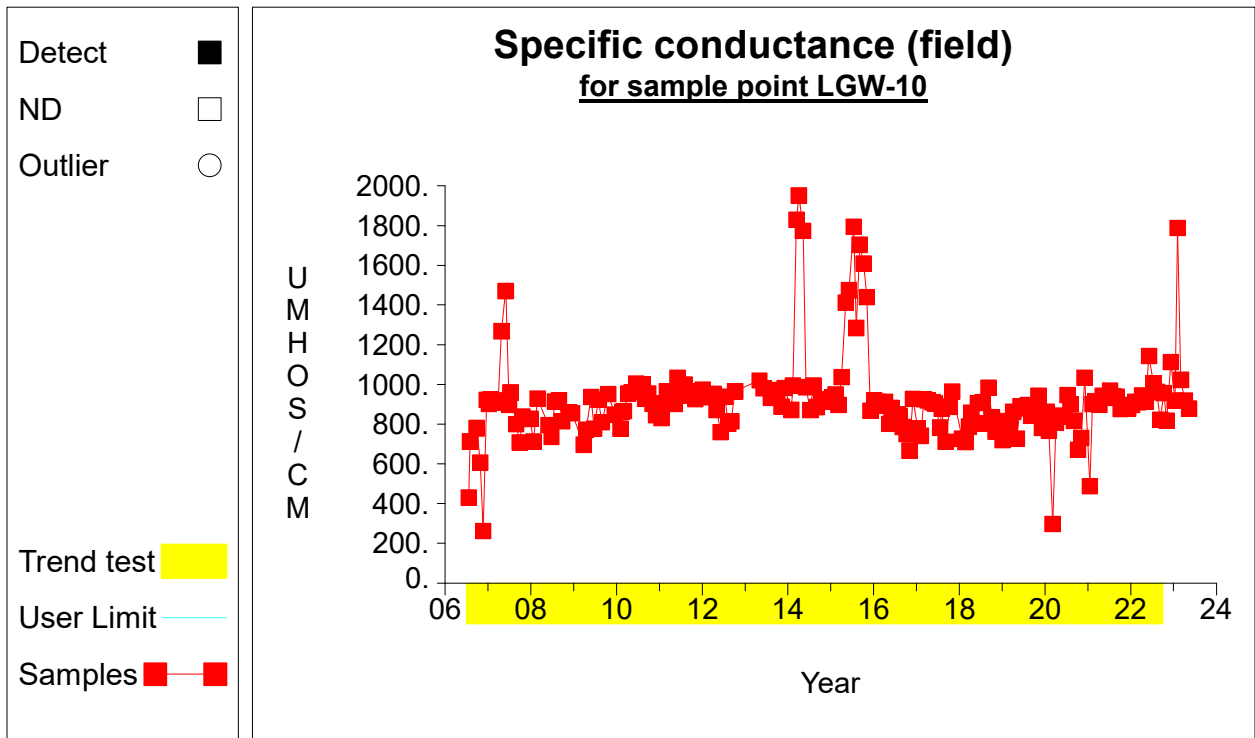
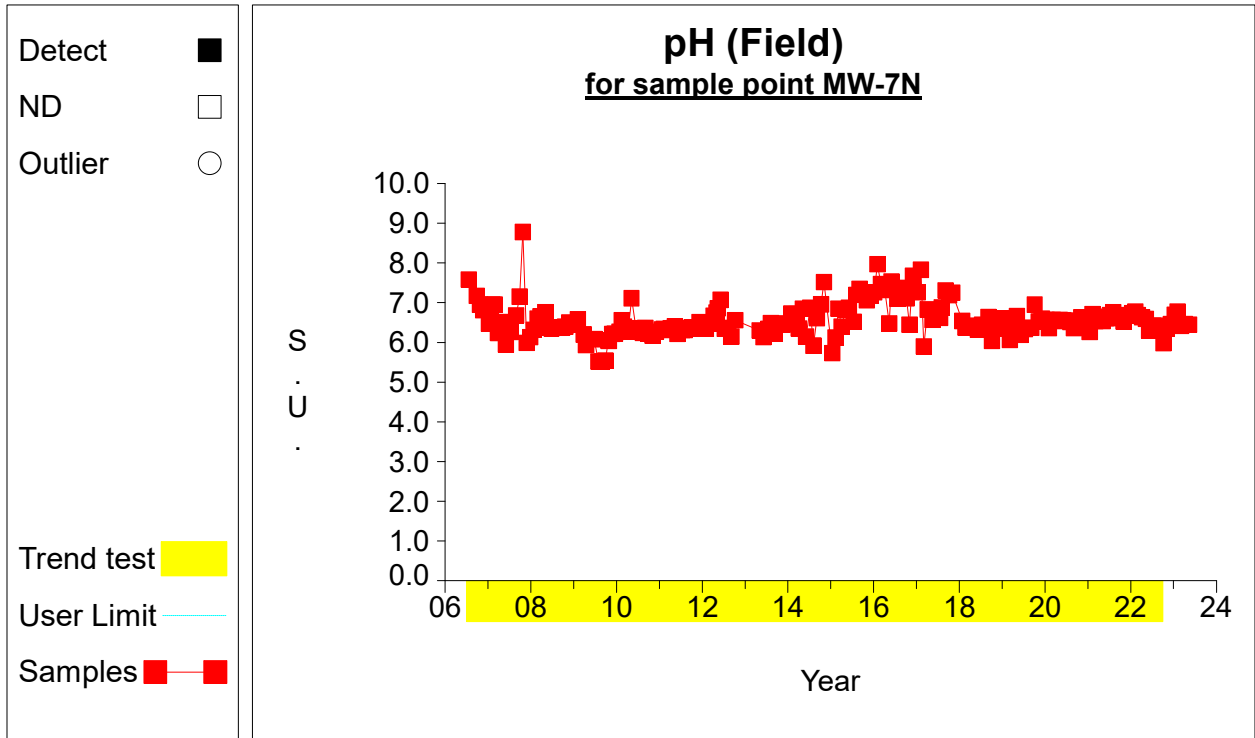
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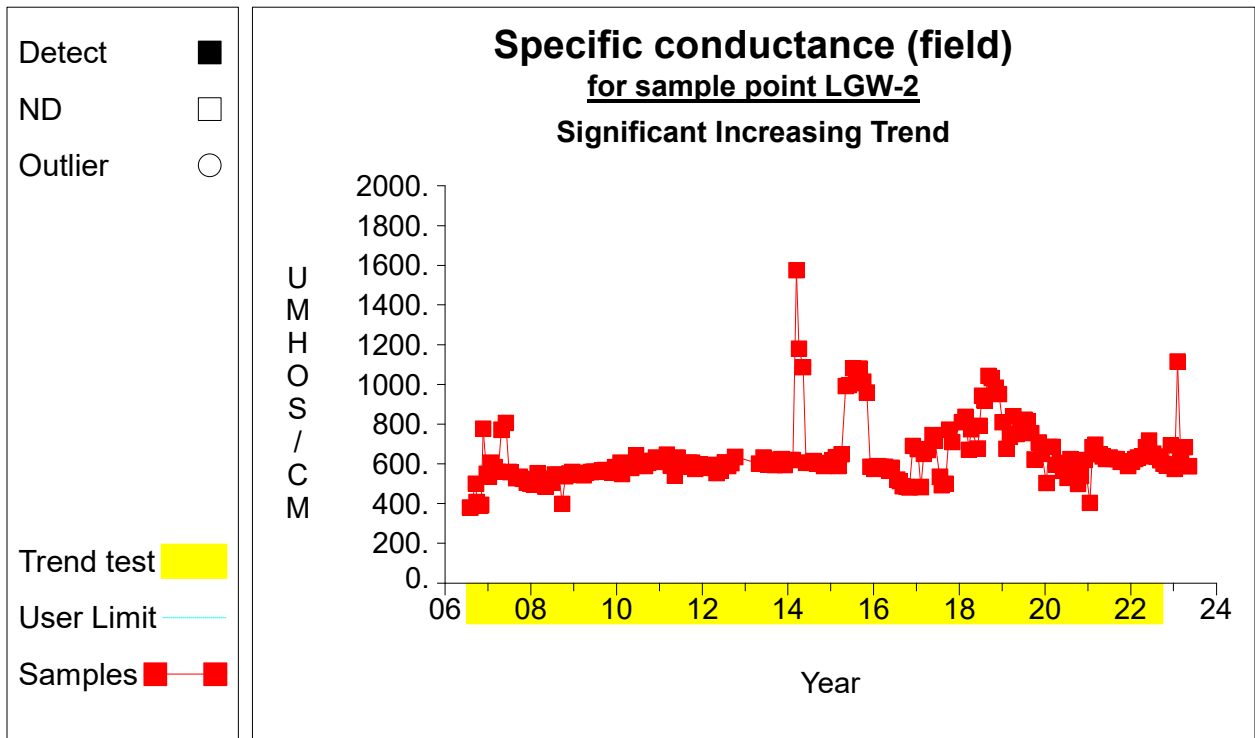
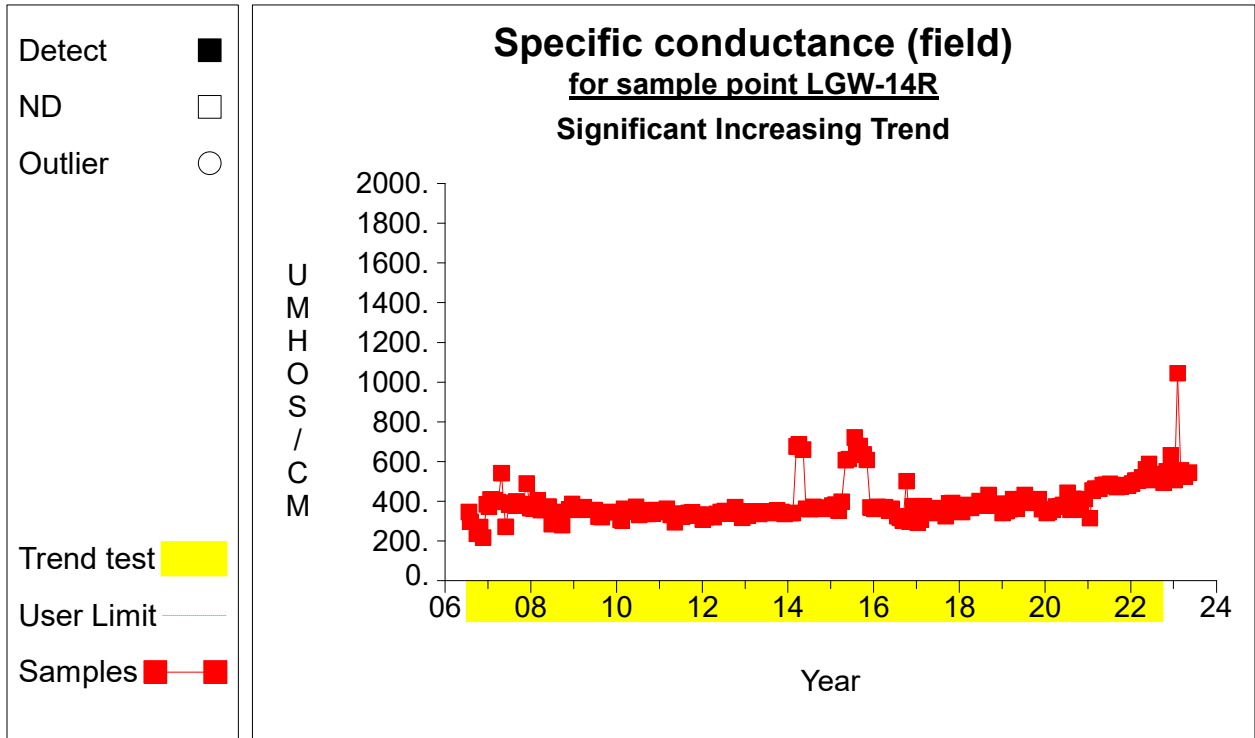
Time Series



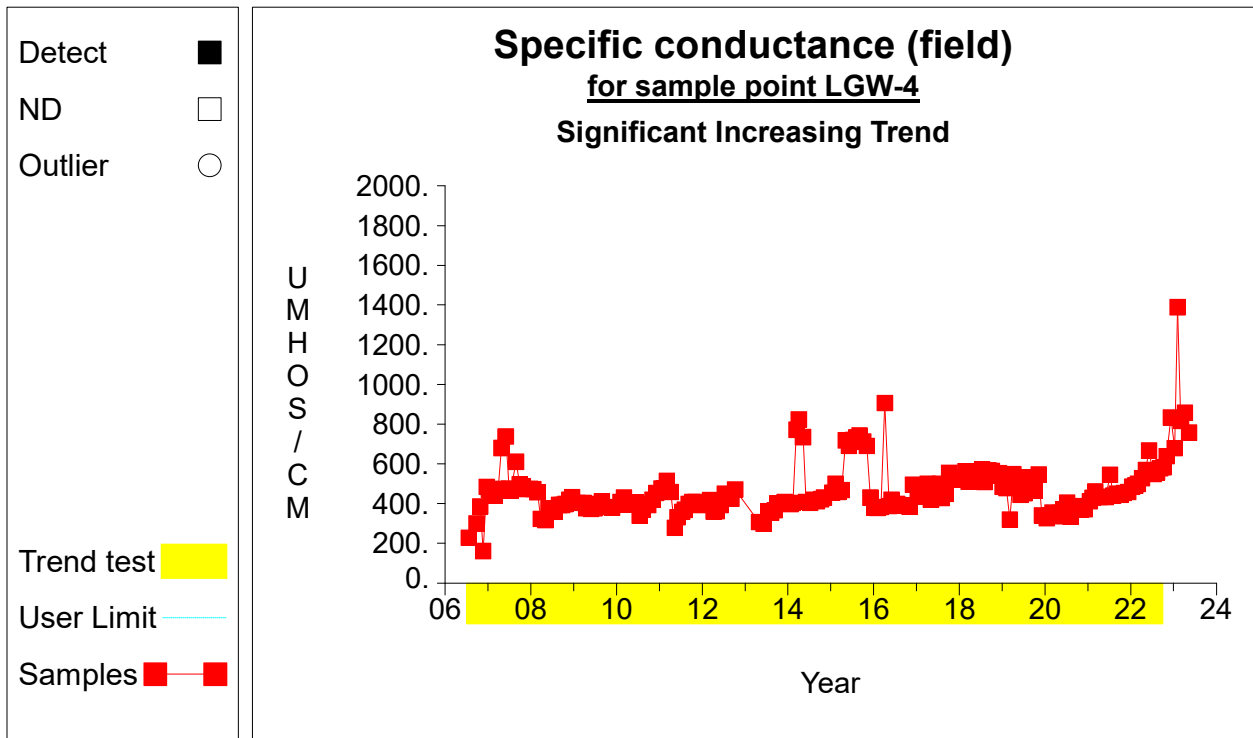
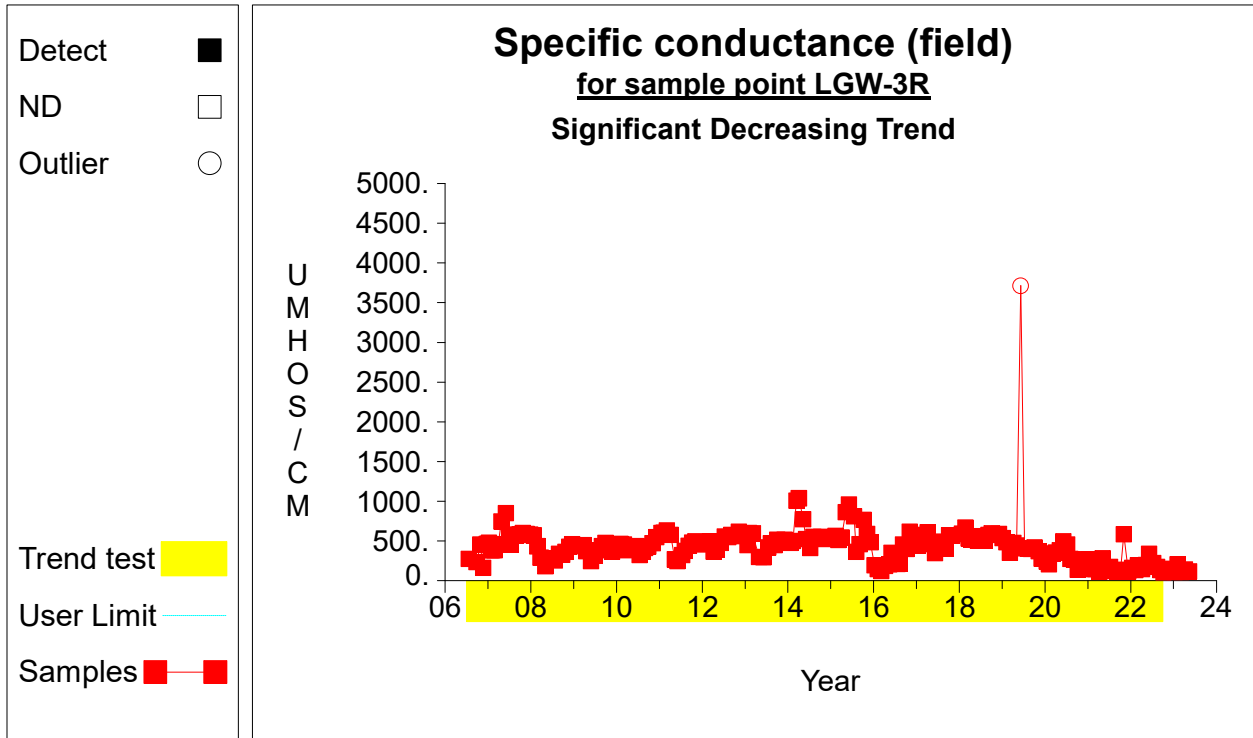
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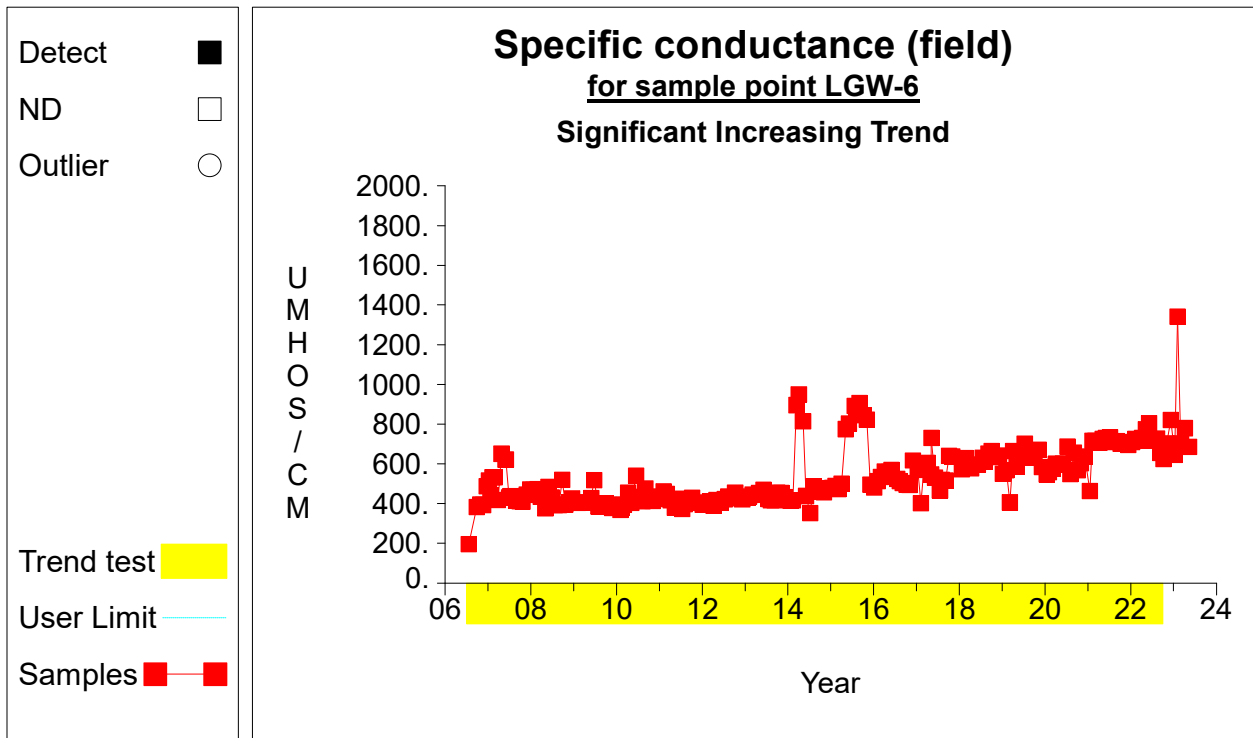
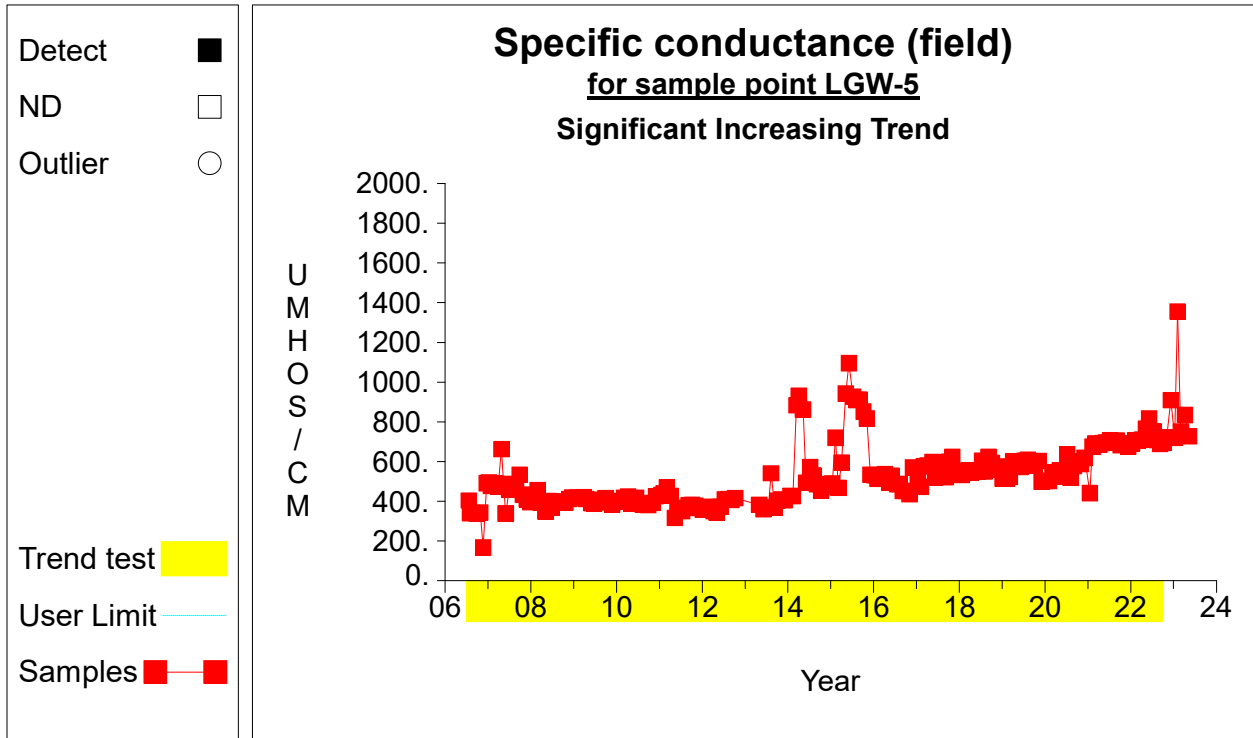
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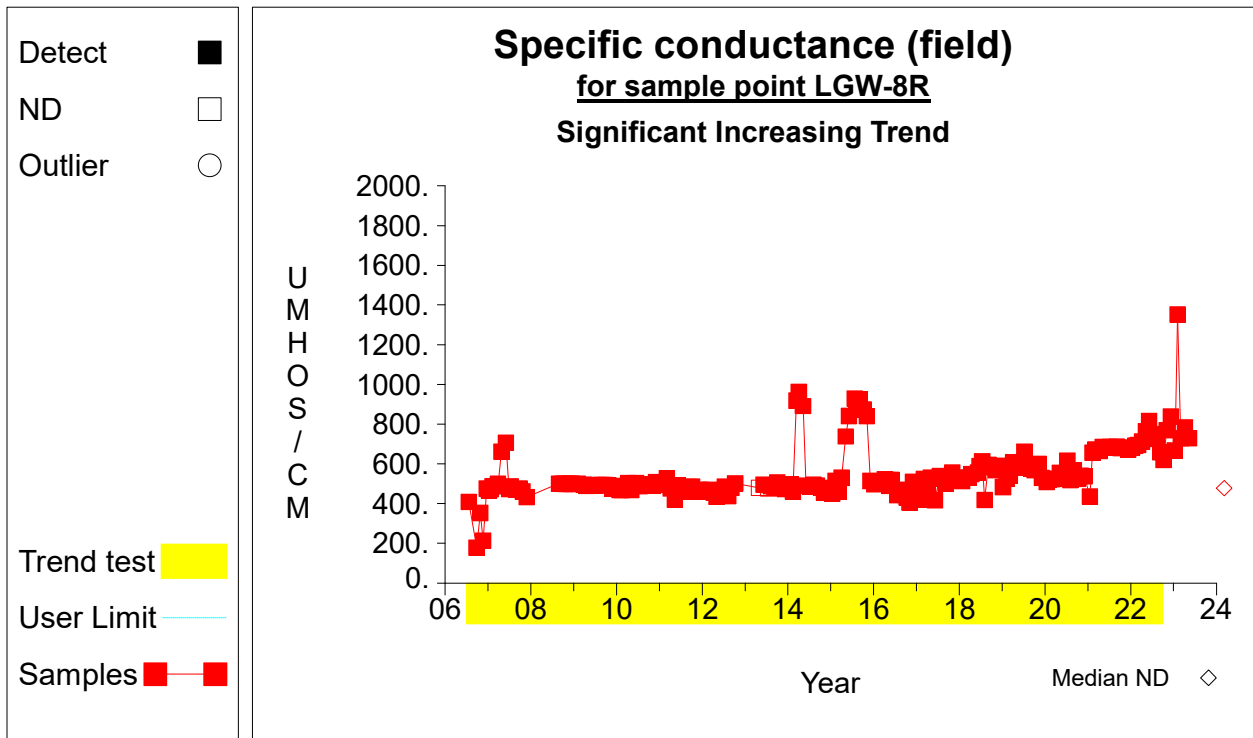
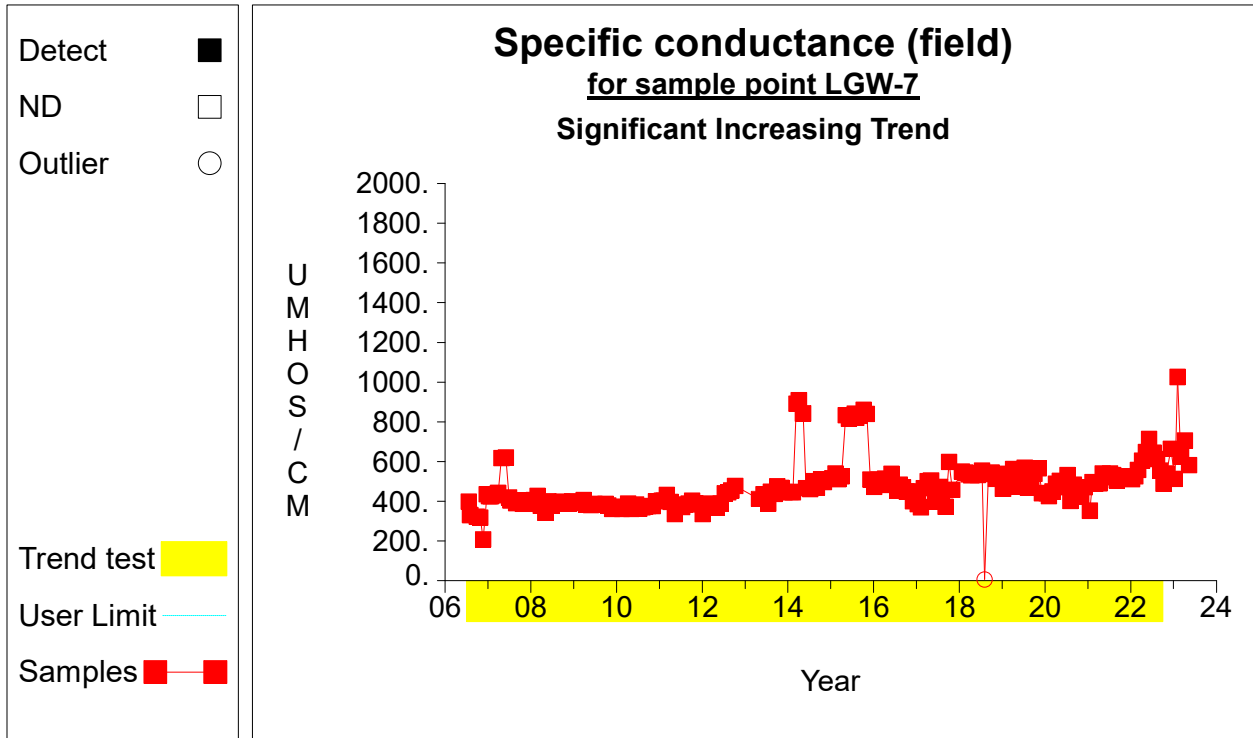
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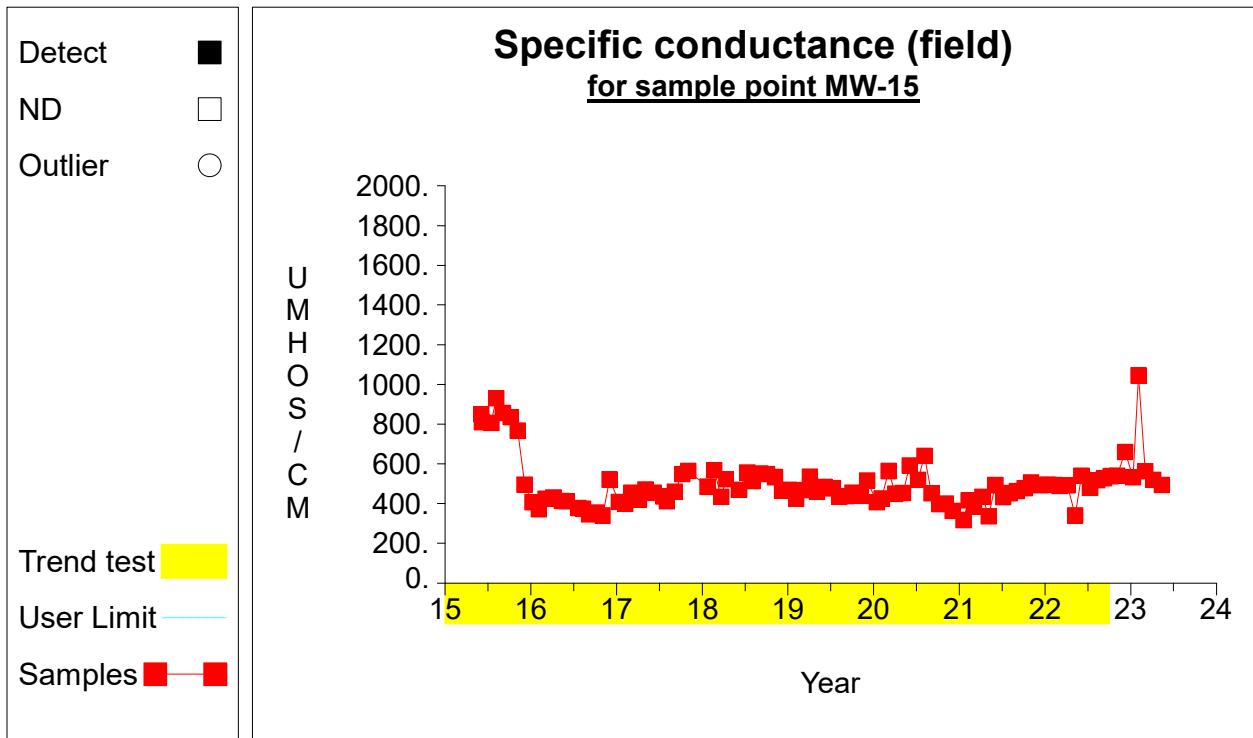
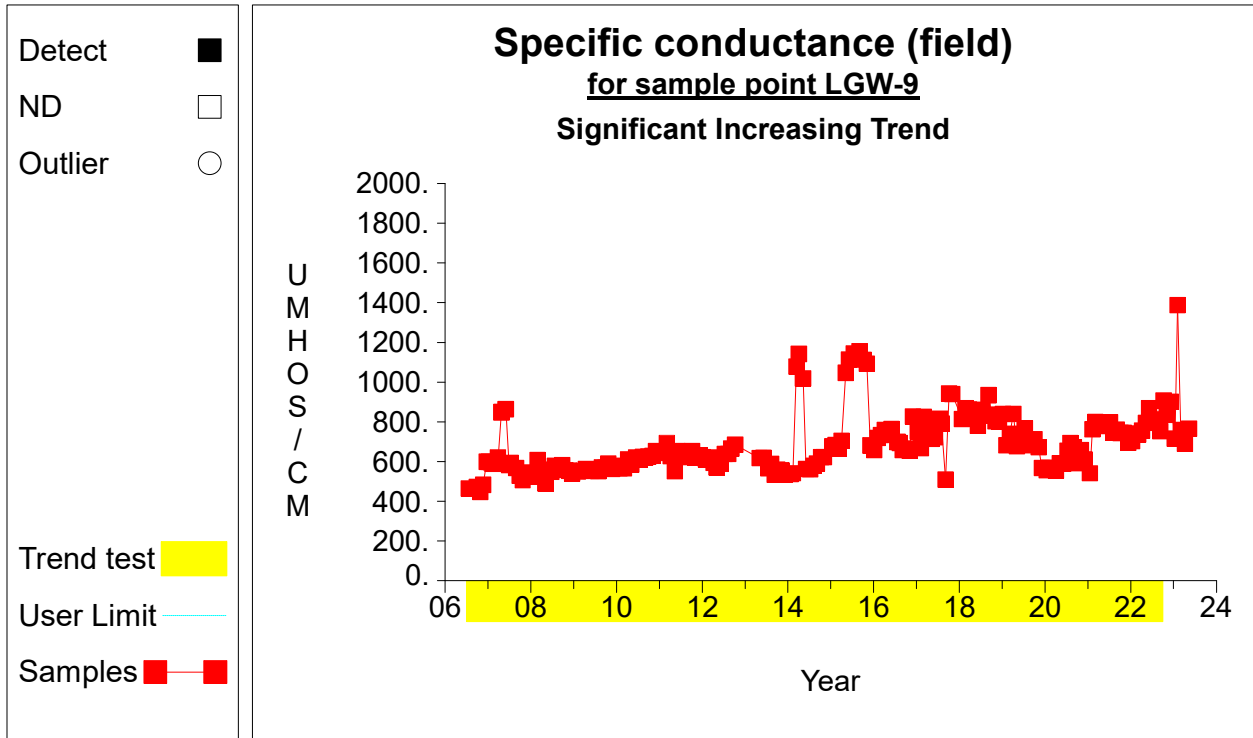
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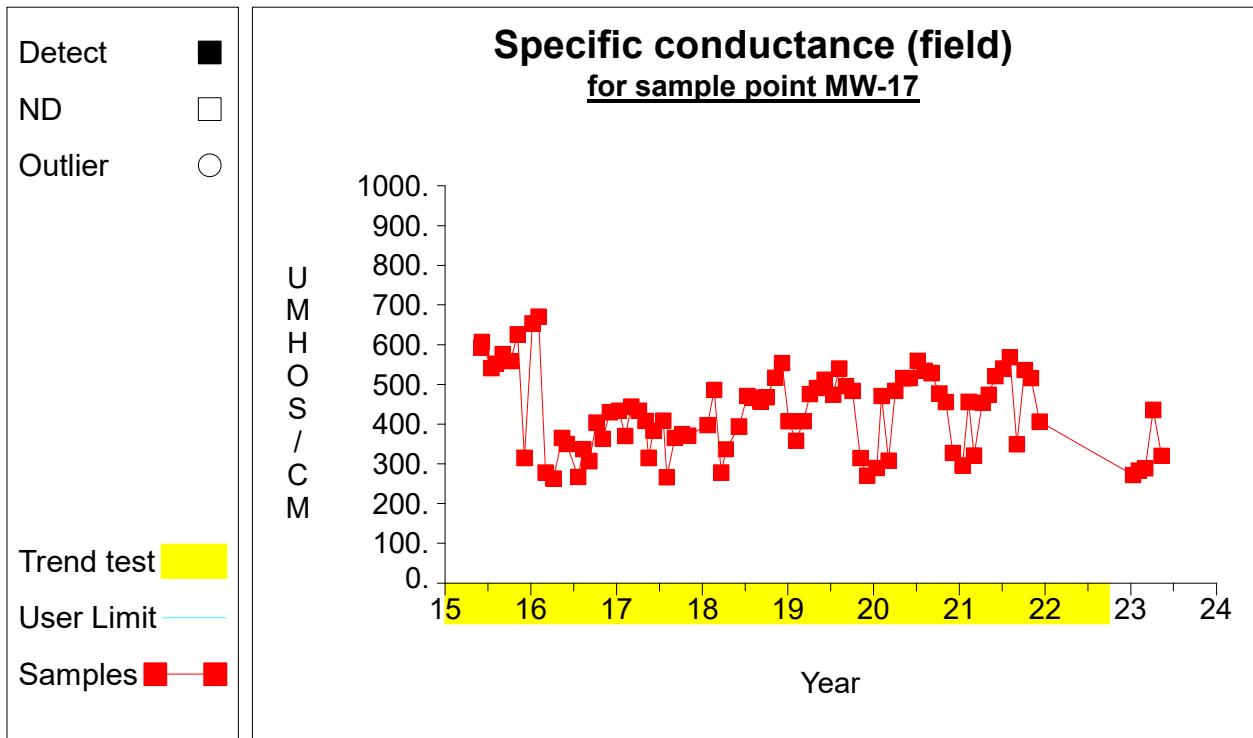
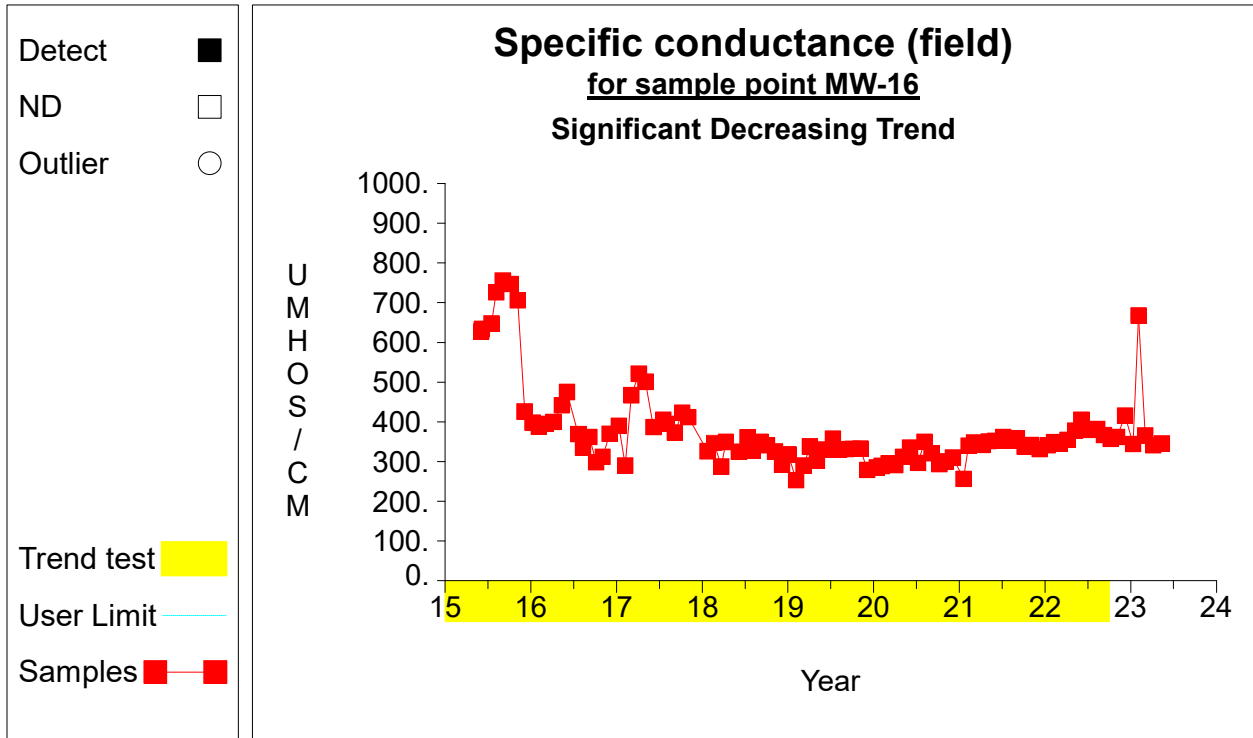
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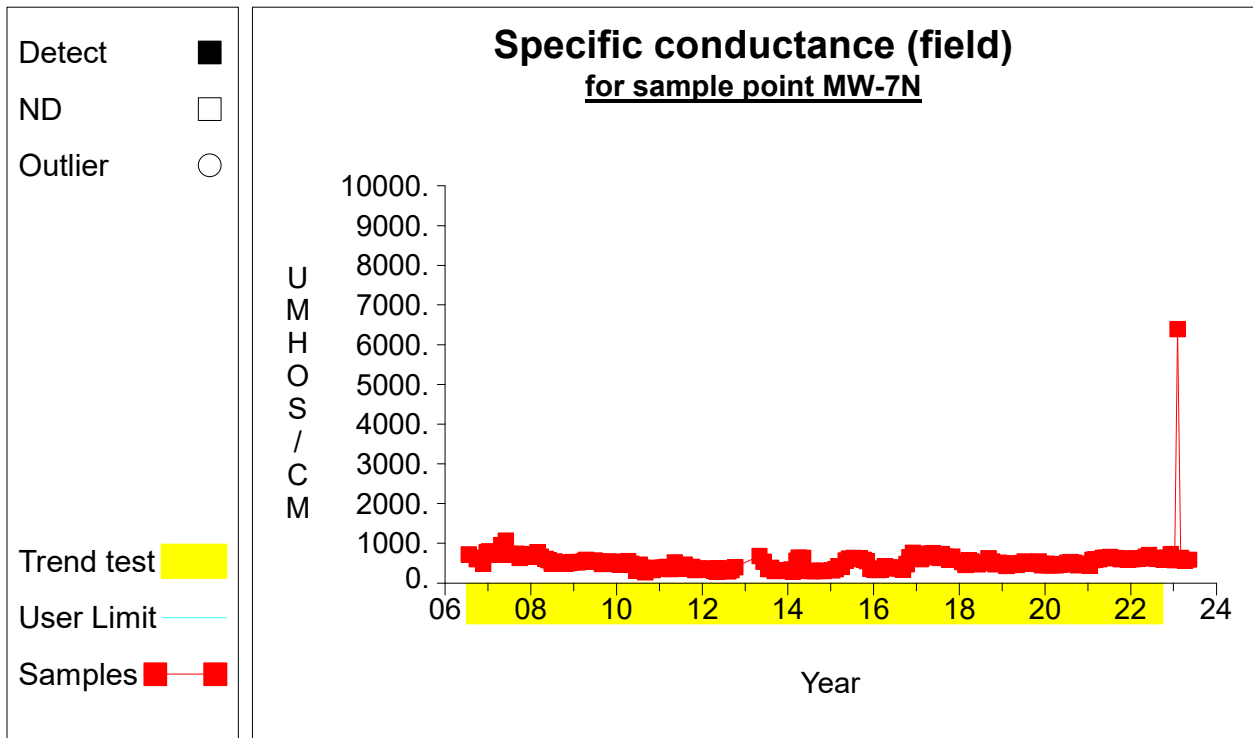
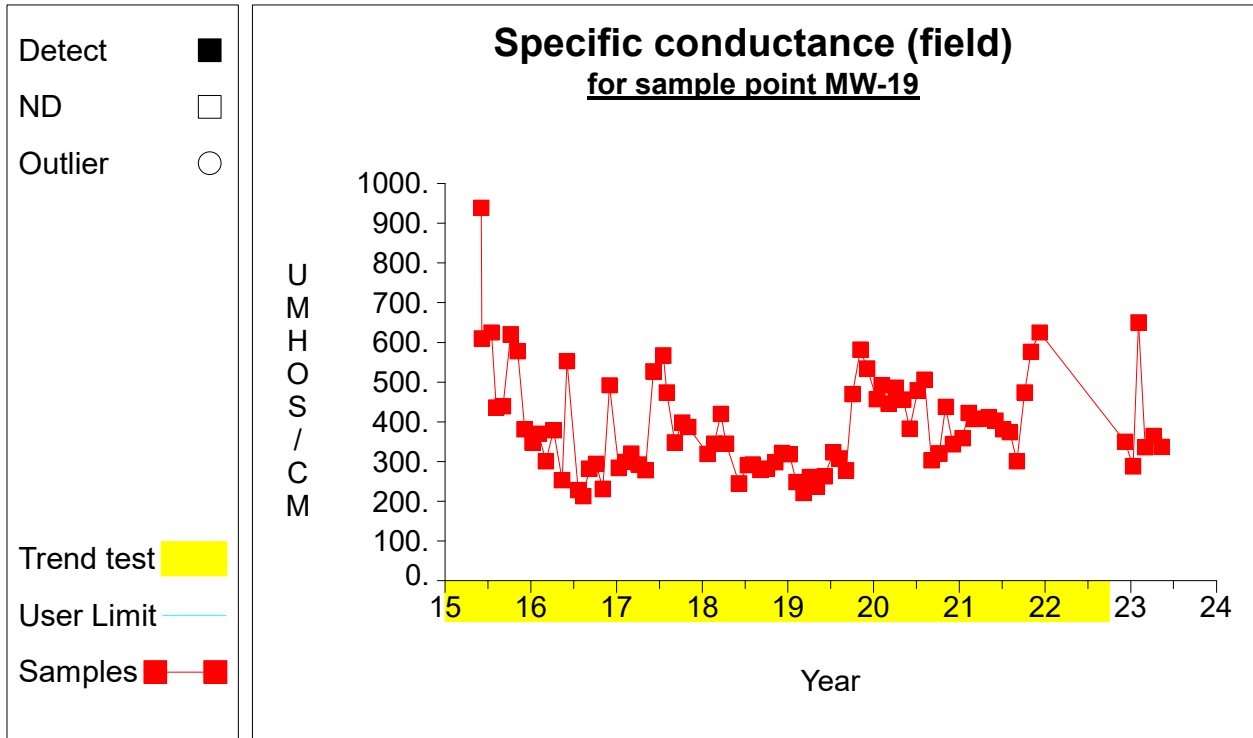
Time Series



Time Series



Time Series



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		

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	13.3	133
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		
LGW-7	8/1/2006	Chloride	13	mg/L	11.3	113
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		

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	20.5	205
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		
MW-19	6/2/2015	Chloride	15	mg/L	9.2	92
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		
MW-7N	7/19/2006	Chloride	9.6	mg/L	9.3	93
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		

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.	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
5/1/23	Mon	28.3	630662	3,424	17.0	169,345	37.2	175,645	0	0.00			
5/2/23	Tue	25.2	634086	2,541	16.8	169,345	37.2	175,645	0	0.00			
5/3/23	Wed	26.8	636627	1,432	16.6	169,345	37.2	175,645	0	0.00	0.00		
5/4/23	Thu	28.8	638059	2,690	16.5	169,345	37.2	175,645	0	0.00			
5/5/23	Fri	26.7	640749	1,279	16.4	169,345	37.2	175,645	0	0.00			
5/6/23	Sat	26.7	642028	1,279	16.4	169,345	37.2	175,645	0	0.00	0.00		
5/7/23	Sun	26.7	643307	1,280	16.4	169,345	37.2	175,645	0	0.00			
5/8/23	Mon	28.1	644587	1,236	16.2	169,345	37.2	175,645	0	0.00			
5/9/23	Tue	27.7	645823	1,386	16.1	169,345	37.2	175,645	0	0.00	0.00		
5/10/23	Wed	29.3	647209	1,590	16.1	169,345	37.2	175,645	0	0.00			
5/11/23	Thu	25.6	648799	5,315	16.1	169,345	37.2	175,645	0	0.00		0.00	
5/12/23	Fri	27.9	654114	3,794	16.0	169,345	37.2	175,645	0	0.00	0.00		
5/13/23	Sat	27.9	657908	2,539	16.0	169,345	37.2	175,645	0	0.00			
5/14/23	Sun	27.9	660447	2,539	16.0	169,345	37.2	175,645	0	0.00			
5/15/23	Mon	27.9	662986	1,797	15.9	169,345	37.2	175,645	0	0.00	0.00		
5/16/23	Tue	25.2	664783	6,478	15.9	169,345	37.2	175,645	0	0.00			
5/17/23	Wed	28.2	671261	3,972	15.9	169,345	37.2	175,645	0	0.00			
5/18/23	Thu	26.8	675233	3,665	16.0	169,345	37.2	175,645	0	0.00	0.00		
5/19/23	Fri	29.3	678898	2,462	16.2	169,345	37.2	175,645	0	0.00			
5/20/23	Sat	29.3	681360	2,462	16.2	169,345	37.2	175,645	0	0.00			
5/21/23	Sun	29.3	683822	2,464	16.2	169,345	37.2	175,645	0	0.00	0.00		
5/22/23	Mon	27.5	686286	1,700	16.2	169,345	37.2	175,645	0	0.00			
5/23/23	Tue	26.8	687986	1,712	16.5	169,345	37.2	175,645	1	0.00			
5/24/23	Wed	25.9	689698	2,413	16.6	169,346	37.2	175,646	0	0.19	0.06		
5/25/23	Thu	27.3	692111	3,638	17.1	169,346	37.2	175,646	2	0.00		0.01	
5/26/23	Fri	28.2	695749	2,055	18.1	169,348	37.2	175,648	0	0.38			
5/27/23	Sat	28.2	697804	2,055	18.1	169,348	37.2	175,648	0	0.00	0.13		
5/28/23	Sun	28.2	699859	2,056	18.1	169,348	37.2	175,648	0	0.00			
5/29/23	Mon	26.3	701915	217	23.6	169,348	37.1	175,648	677	0.00			
5/30/23	Tue	28.7	702132	0	22.1	170,025	57.3	176,325	994	128.46	42.82		
5/31/23	Wed	25.3	702132	1,937	17.6	171,019	57.3	177,319	0	188.61			

		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)	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
5/1/23	Mon	22.8	23490	0	12.6	8,821	6.6	8,821	0	0.00		0.02	
5/2/23	Tue	23	23490	593	12.8	8,821	6.6	8,821	0	0.00	0.00		
5/3/23	Wed	18.8	24083	0	12.8	8,821	6.6	8,821	0	0.00			
5/4/23	Thu	19	24083	0	13.0	8,821	6.6	8,821	0	0.00			
5/5/23	Fri	19.2	24083	0	13.1	8,821	6.6	8,821	0	0.00	0.00		
5/6/23	Sat	19.2	24083	0	13.1	8,821	6.6	8,821	0	0.00			
5/7/23	Sun	19.2	24083	0	13.1	8,821	6.6	8,821	0	0.00			
5/8/23	Mon	19.8	24083	0	13.3	8,821	6.6	8,821	0	0.00	0.00		
5/9/23	Tue	20	24083	0	13.4	8,821	6.6	8,821	0	0.00			
5/10/23	Wed	20.3	24083	0	13.4	8,821	6.6	8,821	0	0.00			
5/11/23	Thu	20.7	24083	0	13.5	8,821	6.6	8,821	0	0.00	0.00		
5/12/23	Fri	20.9	24083	0	14.6	8,821	6.6	8,821	0	0.00			
5/13/23	Sat	20.9	24083	0	14.6	8,821	6.6	8,821	0	0.00			
5/14/23	Sun	20.9	24083	0	14.6	8,821	6.6	8,821	0	0.00	0.00		
5/15/23	Mon	21.2	24083	0	15.9	8,821	6.6	8,821	0	0.00		0.00	
5/16/23	Tue	21.5	24083	0	16.3	8,821	6.6	8,821	0	0.00			
5/17/23	Wed	21.9	24083	0	17.0	8,821	6.6	8,821	0	0.00	0.00		
5/18/23	Thu	22.1	24083	0	17.0	8,821	6.6	8,821	0	0.00			
5/19/23	Fri	22.4	24083	139	17.2	8,821	6.6	8,821	0	0.00			
5/20/23	Sat	22.4	24222	139	17.2	8,821	6.6	8,821	0	0.00	0.00		
5/21/23	Sun	22.4	24361	140	17.2	8,821	6.6	8,821	0	0.00			
5/22/23	Mon	19.6	24501	0	18.7	8,821	6.6	8,821	0	0.00			
5/23/23	Tue	19.9	24501	0	19.0	8,821	6.6	8,821	0	0.00	0.00		
5/24/23	Wed	20.3	24501	0	20.2	8,821	6.6	8,821	0	0.00			
5/25/23	Thu	21	24501	0	21.5	8,821	6.6	8,821	0	0.00			
5/26/23	Fri	21.7	24501	0	23.4	8,821	6.6	8,821	0	0.00	0.00		
5/27/23	Sat	21.7	24501	0	23.4	8,821	6.6	8,821	0	0.00			
5/28/23	Sun	21.7	24501	0	23.4	8,821	6.6	8,821	0	0.00			
5/29/23	Mon	21.9	24501	0	23.4	8,821	6.6	8,821	0	0.00	0.00	0.00	
5/30/23	Tue	22.1	24501	0	23.4	8,821	6.6	8,821	0	0.00			
5/31/23	Wed	22.4	24501	0	23.4	8,821	6.6	8,821	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)	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
5/1/23	Mon	29.5	445865	0	25.4	32,728	35.0	32,728	0	0.00	0.00		Flow meter failure. Badger meter installed. New read is 0
5/2/23	Tue	28	2246	1,156	25.4	32,728	35.0	32,728	0	0.00			
5/3/23	Wed	28.4	3402	0	25.5	32,728	35.0	32,728	0	0.00			
5/4/23	Thu	27.7	3402	994	25.8	32,728	35.0	32,728	0	0.00	0.00		
5/5/23	Fri	28.2	4396	1,315	25.8	32,728	35.0	32,728	0	0.00			
5/6/23	Sat	28.2	5711	1,315	25.8	32,728	35.0	32,728	0	0.00			
5/7/23	Sun	28.2	7026	1,317	25.8	32,728	35.0	32,728	0	0.00	0.00		
5/8/23	Mon	28	8343	0	25.9	32,728	35.0	32,728	0	0.00			
5/9/23	Tue	28.4	8343	0	25.9	32,728	35.0	32,728	0	0.00			
5/10/23	Wed	26.9	8343	11,366	26.1	32,728	35.0	32,728	0	0.00	0.00		
5/11/23	Thu	27.1	19709	0	26.2	32,728	35.0	32,728	0	0.00			
5/12/23	Fri	28.4	19709	1,701	26.5	32,728	35.0	32,728	0	0.00		0.00	
5/13/23	Sat	28.4	21410	1,701	26.5	32,728	35.0	32,728	0	0.00	0.00		
5/14/23	Sun	28.4	23111	1,701	26.5	32,728	35.0	32,728	0	0.00			
5/15/23	Mon	27.2	24812	3,800	26.8	32,728	35.0	32,728	0	0.00			
5/16/23	Tue	28.8	28612	2,929	26.8	32,728	35.0	32,728	0	0.00	0.00		
5/17/23	Wed	25.6	31541	0	27.0	32,728	35.0	32,728	0	0.00			
5/18/23	Thu	26.7	31541	2,669	27.1	32,728	35.0	32,728	0	0.00			
5/19/23	Fri	25.7	34210	850	27.1	32,728	35.0	32,728	0	0.00	0.00		
5/20/23	Sat	25.7	35060	850	27.1	32,728	35.0	32,728	0	0.00		0.00	
5/21/23	Sun	25.7	35910	851	27.1	32,728	35.0	32,728	0	0.00			
5/22/23	Mon	26.6	36761	0	27.5	32,728	35.0	32,728	0	0.00	0.00		
5/23/23	Tue	27.9	36761	0	27.4	32,728	35.0	32,728	0	0.00			
5/24/23	Wed	27.6	36761	3,617	27.4	32,728	35.0	32,728	0	0.00			
5/25/23	Thu	20.5	40378	1,738	27.5	32,728	35.0	32,728	0	0.00	0.00		
5/26/23	Fri	23.8	42116	2,292	27.6	32,728	35.0	32,728	0	0.00			
5/27/23	Sat	23.8	44408	2,292	27.6	32,728	35.0	32,728	0	0.00			
5/28/23	Sun	23.8	46700	2,294	27.6	32,728	35.0	32,728	0	0.00	0.00		
5/29/23	Mon	26.6	48994	0	28.0	32,728	35.0	32,728	0	0.00			
5/30/23	Tue	26.9	48994	0	27.9	0	35.0	0	6	0.96			
5/31/23	Wed	27.2	48994	0	28.1	6	35.1	6	0	0.00	0.32		
													LDS NuFlo Meter swapped with a new Badger Meter. New read 0

		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)	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	
5/1/23	Mon	18	751868	2,262	30.6	4,900	58.4	0	0	0.00				
5/2/23	Tue	17.5	754130	2,503	30.5	4,900	58.4	0	0	0.00	0.00			
5/3/23	Wed	18.4	756633	2,449	30.5	4,900	58.4	0	0	0.00				
5/4/23	Thu	19.1	759082	1,815	30.4	4,900	58.4	0	303	39.15				
5/5/23	Fri	18.3	760897	2,081	26.2	5,203	62.7	0	0	0.00	13.05			
5/6/23	Sat	18.3	762978	2,081	26.2	5,203	62.7	0	0	0.00				
5/7/23	Sun	18.3	765059	2,083	26.2	5,203	62.7	0	0	0.00				
5/8/23	Mon	17.2	767142	2,213	26.8	5,203	62.7	0	0	0.00	0.00			
5/9/23	Tue	17.6	769355	2,075	27.2	5,203	62.7	0	0	0.00				
5/10/23	Wed	17.9	771430	2,352	27.2	5,203	62.7	0	0	0.00		2.80		
5/11/23	Thu	18.1	773782	2,143	27.5	5,203	62.7	0	0	0.00	0.00			
5/12/23	Fri	18	775925	2,049	27.7	5,203	62.7	0	0	0.00				
5/13/23	Sat	18	777974	2,049	27.7	5,203	62.7	0	0	0.00				
5/14/23	Sun	18	780023	2,051	27.7	5,203	62.7	0	0	0.00	0.00			
5/15/23	Mon	18.1	782074	1,861	28.8	5,203	62.7	0	0	0.00				
5/16/23	Tue	18.4	783935	1,951	28.9	5,203	62.7	0	0	0.00				
5/17/23	Wed	17.4	785886	1,971	28.9	5,203	62.7	0	0	0.00	0.00			
5/18/23	Thu	18.1	787857	2,075	29.4	5,203	62.7	0	903	116.67				
5/19/23	Fri	17.1	789932	1,897	19.4	6,106	70.1	0	0	0.00			LDS tank pumped down	
5/20/23	Sat	17.1	791829	1,897	19.4	6,106	70.1	0	0	0.00	38.89			
5/21/23	Sun	17.1	793726	1,898	19.4	6,106	70.1	0	0	0.00				
5/22/23	Mon	18	795624	1,938	20.6	6,106	46.6	0	0	0.00				
5/23/23	Tue	18.3	797562	1,719	20.8	6,106	46.6	0	305	39.41	13.14			
5/24/23	Wed	18.1	799281	1,900	21.3	6,411	51.1	0	0	0.00		11.15		
5/25/23	Thu	18.2	801181	1,862	19.1	6,411	51.1	0	0	0.00				
5/26/23	Fri	18	803043	1,826	19.1	6,411	51.1	0	0	0.00	0.00			
5/27/23	Sat	18	804869	1,806	19.1	6,411	51.1	0	0	0.00				
5/28/23	Sun	18	806675	1,817	19.1	6,411	51.1	0	0	0.00				
5/29/23	Mon	17.4	808492	1,418	20.4	6,411	51.1	0	222	28.68	9.56			
5/30/23	Tue	16.9	809910	1,319	21.0	6,633	54.2	0	268	34.63				
5/31/23	Wed	17.5	811229	1,946	20.6	6,901	56.9	0	153	19.77				

		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)	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
5/1/2023	Mon	30.7	2916177	18887	17.6	8253	25.7	64427	0	0.00		0.00	
5/2/2023	Tue	30.6	2935064	14626	17.6	8253	25.7	64427	0	0.00			
5/3/2023	Wed	31.2	2949690	10212	17.8	8253	25.7	64427	0	0.00	0.00		
5/4/2023	Thu	28.6	2959902	12157	17.8	8253	25.7	64427	0	0.00			
5/5/2023	Fri	26.6	2972059	11244	17.7	8253	25.7	64427	0	0.00			
5/6/2023	Sat	26.6	2983303	11244	17.7	8253	25.7	64427	0	0.00	0.00		
5/7/2023	Sun	26.6	2994547	11244	17.7	8253	25.7	64427	0	0.00			
5/8/2023	Mon	28	3005791	6848	17.6	8253	25.7	64427	0	0.00			
5/9/2023	Tue	27.4	3012639	16032	17.6	8253	25.7	64427	0	0.00	0.00		
5/10/2023	Wed	28.1	3028671	14851	17.5	8253	25.7	64427	0	0.00			
5/11/2023	Thu	29.5	3043522	6714	17.5	8253	25.7	64427	0	0.00			
5/12/2023	Fri	24.2	3050236	13284	17.5	8253	25.7	64427	0	0.00	0.00		
5/13/2023	Sat	24.2	3063520	13284	17.5	8253	25.7	64427	0	0.00			
5/14/2023	Sun	24.2	3076804	13285	17.5	8253	25.7	64427	0	0.00			
5/15/2023	Mon	28.4	3090089	17499	17.6	8253	25.7	64427	0	0.00	0.00	0.00	
5/16/2023	Tue	29	3107588	14140	17.6	8253	25.7	64427	0	0.00			
5/17/2023	Wed	24.2	3121728	13910	17.5	8253	25.7	64427	0	0.00			
5/18/2023	Thu	29.7	3135638	19057	17.5	8253	25.7	64427	0	0.00	0.00		
5/19/2023	Fri	28.1	3154695	17269	17.7	8253	25.7	64427	0	0.00			
5/20/2023	Sat	28.1	3171964	17269	17.7	8253	25.7	64427	0	0.00			
5/21/2023	Sun	28.1	3189233	17271	17.7	8253	25.7	64427	0	0.00	0.00		
5/22/2023	Mon	26	3206504	16649	17.8	8253	25.7	64427	0	0.00			
5/23/2023	Tue	27.3	3223153	15240	17.8	8253	25.7	64427	0	0.00			
5/24/2023	Wed	29.6	3238393	15875	17.7	8253	25.7	64427	0	0.00	0.00		
5/25/2023	Thu	26.6	3254268	17996	17.8	8253	25.7	64427	15	4.05			
5/26/2023	Fri	24	3272264	14793	17.9	8268	25.7	64442	0	0.00			
5/27/2023	Sat	24	3287057	14793	17.9	8268	25.7	64442	0	0.00	1.35		
5/28/2023	Sun	24	3301850	14795	17.9	8268	25.7	64442	0	0.00			
5/29/2023	Mon	27.1	3316645	12172	18.2	8268	25.7	64442	0	0.00		0.29	
5/30/2023	Tue	26	3328817	11271	18	8268	25.7	64442	0	0.00	0.00		
5/31/2023	Wed	29.1	3340088	23240	18.1	8268	25.7	64442	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)	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	
5/1/2023	Mon	19.7	1333602	1121	16.6	2814	41.6	4,632	0	0.00				
5/2/2023	Tue	16.2	1334723	1748	16.6	2814	41.6	4,632	0	0.00				
5/3/2023	Wed	17	1336471	370	16.6	2814	41.6	4,632	0	0.00	0.00			
5/4/2023	Thu	18.2	1336841	945	16.5	2814	41.6	4,632	0	0.00		0.00		
5/5/2023	Fri	16.9	1337786	1053	16.5	2814	41.6	4,632	0	0.00				
5/6/2023	Sat	16.9	1338839	1053	16.5	2814	41.6	4,632	0	0.00	0.00			
5/7/2023	Sun	16.9	1339892	1054	16.5	2814	41.6	4,632	0	0.00				
5/8/2023	Mon	15.3	1340946	938	16.3	2814	41.6	4,632	0	0.00				
5/9/2023	Tue	16.4	1341884	1117	16.3	2814	41.6	4,632	0	0.00	0.00			
5/10/2023	Wed	15.8	1343001	868	16.2	2814	41.6	4,632	0	0.00				
5/11/2023	Thu	17.1	1343869	1226	16.2	2814	41.6	4,632	0	0.00				
5/12/2023	Fri	12.6	1345095	931	16.2	2814	41.6	4,632	0	0.00	0.00			
5/13/2023	Sat	12.6	1346026	931	16.2	2814	41.6	4,632	0	0.00				
5/14/2023	Sun	12.6	1346957	932	16.2	2814	41.6	4,632	0	0.00				
5/15/2023	Mon	17.1	1347889	990	16.4	2814	41.6	4,632	0	0.00	0.00			
5/16/2023	Tue	15.2	1348879	973	16.5	2814	41.6	4,632	0	0.00				
5/17/2023	Wed	16.2	1349852	972	16.5	2814	41.6	4,632	11	2.89				
5/18/2023	Thu	16.7	1350824	986	16.4	2825	41.8	4,643	0	0.00	0.96	0.21		
5/19/2023	Fri	22.1	1351810	898	16.6	2825	41.8	4,643	0	0.00				
5/20/2023	Sat	22.1	1352708	898	16.6	2825	41.8	4,643	0	0.00				
5/21/2023	Sun	22.1	1353606	898	16.6	2825	41.8	4,643	0	0.00	0.00			
5/22/2023	Mon	24.1	1354504	975	16.7	2825	41.8	4,643	0	0.00				
5/23/2023	Tue	21.3	1355479	975	16.7	2825	41.8	4,643	0	0.00				
5/24/2023	Wed	13.6	1356454	977	16.8	2825	41.8	4,643	0	0.00	0.00			
5/25/2023	Thu	12.7	1357431	741	16.6	2825	41.8	4,643	0	0.00				
5/26/2023	Fri	16.2	1358172	908	16.7	2825	41.8	4,643	0	0.00				
5/27/2023	Sat	16.2	1359080	908	16.7	2825	41.8	4,643	0	0.00	0.00			
5/28/2023	Sun	16.2	1359988	909	16.7	2825	41.8	4,643	0	0.00				
5/29/2023	Mon	14.8	1360897	734	16.4	2825	41.8	4,643	0	0.00				
5/30/2023	Tue	15.1	1361631	810	16.4	2825	41.8	4,643	0	0.00	0.00			
5/31/2023	Wed	16.2	1362441	887	16.4	2825	41.8	4,643	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)	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
5/1/2023	Mon	2.5	1695791	2086	16.9	4044	48.3	4044	0	0.00	0.00		
5/2/2023	Tue	1.2	1697877	1076	16.9	4044	48.3	4044	0	0.00			
5/3/2023	Wed	2.2	1698953	3005	16.7	4044	48.3	4044	0	0.00		0.00	
5/4/2023	Thu	2	1701958	3696	16.7	4044	48.3	4044	0	0.00	0.00		
5/5/2023	Fri	2.8	1705654	0	16.5	4044	48.3	4044	0	0.00			
5/6/2023	Sat	2.8	1705654	0	16.5	4044	48.3	4044	0	0.00			
5/7/2023	Sun	2.8	1705654	5821	16.5	4044	48.3	4044	0	0.00	0.00		
5/8/2023	Mon	2.3	1711475	1940	16.5	4044	48.3	4044	0	0.00			
5/9/2023	Tue	4.3	1713415	1940	16.7	4044	48.3	4044	0	0.00			
5/10/2023	Wed	2.6	1715355	2447	16.7	4044	48.3	4044	0	0.00	0.00		
5/11/2023	Thu	3.1	1717802	7584	16.9	4044	48.3	4044	0	0.00			
5/12/2023	Fri	3.3	1725386	5418	17	4044	48.3	4044	0	0.00			
5/13/2023	Sat	3.3	1730804	5418	17	4044	48.3	4044	0	0.00	0.00		
5/14/2023	Sun	3.3	1736222	5418	17	4044	48.3	4044	0	0.00			
5/15/2023	Mon	2.8	1741640	2640	16.8	4044	48.3	4044	0	0.00			
5/16/2023	Tue	2.3	1744280	2246	16.8	4044	48.3	4044	0	0.00	0.00		
5/17/2023	Wed	1.1	1746526	2205	16.9	4044	48.3	4044	0	0.00		0.00	
5/18/2023	Thu	2.5	1748731	2272	17.2	4044	48.3	4044	0	0.00			
5/19/2023	Fri	2.9	1751003	3136	17.3	4044	48.3	4044	0	0.00	0.00		
5/20/2023	Sat	2.9	1754139	3136	17.3	4044	48.3	4044	0	0.00			
5/21/2023	Sun	2.9	1757275	3136	17.3	4044	48.3	4044	0	0.00			
5/22/2023	Mon	2	1760411	2260	17.5	4044	48.3	4044	0	0.00	0.00		
5/23/2023	Tue	3.1	1762671	2019	17.7	4044	48.3	4044	1	0.14			
5/24/2023	Wed	2.9	1764690	2294	17	4045	48.3	4045	0	0.00			
5/25/2023	Thu	1.6	1766984	2522	17.2	4045	48.3	4045	0	0.00	0.05		
5/26/2023	Fri	2	1769506	2468	17.3	4045	48.3	4045	0	0.00			
5/27/2023	Sat	2	1771974	2468	17.3	4045	48.3	4045	0	0.00			
5/28/2023	Sun	2	1774442	2468	17.3	4045	48.3	4045	0	0.00	0.00		
5/29/2023	Mon	3.9	1776910	1949	18.1	4045	48.3	4045	0	0.00			
5/30/2023	Tue	4.4	1778859	1739	18.1	4045	48.3	4045	0	0.00			
5/31/2023	Wed	3.8	1780598	2938	18	4045	48.3	4045	0	0.00	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)	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
5/1/2023	Mon	1.6	1626900	1662	17.3	3546	30	3546	0	0.00	0.00		
5/2/2023	Tue	2.7	1628562	1507	17.3	3546	30	3546	0	0.00			
5/3/2023	Wed	6.6	1630069	2115	17.4	3546	30	3546	0	0.00		0.00	
5/4/2023	Thu	7.9	1632184	4271	17.5	3546	30	3546	0	0.00	0.00		
5/5/2023	Fri	7.4	1636455	1659	17.3	3546	30	3546	0	0.00			
5/6/2023	Sat	7.4	1638114	1659	17.3	3546	30	3546	0	0.00			
5/7/2023	Sun	7.4	1639773	1661	17.3	3546	30	3546	0	0.00	0.00		
5/8/2023	Mon	7.9	1641434	1572	17.6	3546	30	3546	0	0.00			
5/9/2023	Tue	4.7	1643006	3662	17.6	3546	30	3546	0	0.00			
5/10/2023	Wed	6.6	1646668	2684	17.7	3546	30	3546	0	0.00	0.00		
5/11/2023	Thu	7.1	1649352	2601	17.7	3546	30	3546	0	0.00			
5/12/2023	Fri	6.3	1651953	7983	17.9	3546	30	3546	0	0.00			
5/13/2023	Sat	6.3	1659936	7983	17.9	3546	30	3546	0	0.00	0.00		
5/14/2023	Sun	6.3	1667919	7983	17.9	3546	30	3546	0	0.00			
5/15/2023	Mon	3.4	1675902	3629	17.8	3546	30	3546	4	0.51			
5/16/2023	Tue	4.7	1679531	1615	17.9	3550	30.1	3550	0	0.00	0.17		
5/17/2023	Wed	6.9	1681146	1628	18	3550	30.1	3550	0	0.00		0.04	
5/18/2023	Thu	7.9	1682774	1794	18.2	3550	30.1	3550	0	0.00			
5/19/2023	Fri	7.6	1684568	2127	18.7	3550	30.1	3550	0	0.00	0.00		
5/20/2023	Sat	7.6	1686695	2127	18.7	3550	30.1	3550	0	0.00			
5/21/2023	Sun	7.6	1688822	2127	18.7	3550	30.1	3550	0	0.00			
5/22/2023	Mon	5.8	1690949	1544	19.5	3550	30.1	3550	0	0.00	0.00		
5/23/2023	Tue	7.1	1692493	1428	19.9	3550	30.1	3550	0	0.00			
5/24/2023	Wed	4.4	1693921	1615	21.1	3550	30.1	3550	0	0.00			
5/25/2023	Thu	7.1	1695536	1512	22.3	3550	30	3550	205	25.95	8.65		
5/26/2023	Fri	7.4	1697048	1640	16.8	3755	32.3	3755	398	50.38			
5/27/2023	Sat	7.4	1698688	1640	16.8	4153	32.3	4153	398	50.38			
5/28/2023	Sun	7.4	1700328	1642	16.8	4551	32.3	4551	398	50.38	50.38		
5/29/2023	Mon	4.6	1701970	1141	21.4	4949	50.2	4949	571	72.28			
5/30/2023	Tue	7.4	1703111	1207	19.9	5520	56.4	5520	383	48.48			
5/31/2023	Wed	6.9	1704318	8342	20.5	5903	60.3	5903	556	70.38	63.71	26.30	LDS tank pumped down

		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)	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
5/1/2023	Mon	1.6	11693794	5097	30.8	301	301	0	0.00	0.00		
5/2/2023	Tue	2.6	11698891	4295	30.8	301	301	0	0.00			
5/3/2023	Wed	6.9	11703186	5576	30.7	301	301	0	0.00			
5/4/2023	Thu	12.1	11708762	5249	30.7	301	301	0	0.00	0.00		
5/5/2023	Fri	12.6	11714011	3904	30.8	301	301	0	0.00			
5/6/2023	Sat	12.6	11717915	3904	30.8	301	301	0	0.00			
5/7/2023	Sun	12.6	11721819	6546	30.8	301	301	0	0.00	0.00		
5/8/2023	Mon	10.7	11728365	6304	30.7	301	301	0	0.00			
5/9/2023	Tue	11.7	11734669	5139	30.8	301	301	0	0.00			
5/10/2023	Wed	10.7	11739808	2925	30.9	301	301	0	0.00	0.00		
5/11/2023	Thu	12.5	11742733	5666	30.8	301	301	510	49.51			
5/12/2023	Fri	12.8	11748399	5527	26.5	811	811	0	0.00		3.54	
5/13/2023	Sat	12.8	11753926	5527	26.5	811	811	0	0.00	16.50		
5/14/2023	Sun	12.8	11759453	5528	26.5	811	811	0	0.00			
5/15/2023	Mon	12.1	11764981	4869	30.1	811	811	0	0.00			
5/16/2023	Tue	12.2	11769850	4901	30.7	811	811	1446	140.39	46.80		
5/17/2023	Wed	9	11774751	4849	22.7	2257	2257	0	0.00			
5/18/2023	Thu	12.3	11779600	5147	22.9	2257	2257	0	0.00			
5/19/2023	Fri	9.9	11784747	4890	25.1	2257	2257	271	26.31	8.77		
5/20/2023	Sat	9.9	11789637	4890	25.1	2528	2528	271	26.31			
5/21/2023	Sun	9.9	11794527	4892	25.1	2799	2799	272	26.41			
5/22/2023	Mon	12.3	11799419	4942	21.6	3071	3071	0	0.00	17.57		
5/23/2023	Tue	10	11804361	4398	22.2	3071	3071	0	0.00			
5/24/2023	Wed	9.7	11808759	4908	22.3	3071	3071	0	0.00			
5/25/2023	Thu	10.6	11813667	4839	26.3	3071	3071	857	83.20	27.73		
5/26/2023	Fri	12.3	11818506	4939	20.9	3928	3928	915	88.83		27.96	
5/27/2023	Sat	12.3	11823445	4939	20.9	4843	4843	915	88.83			
5/28/2023	Sun	12.3	11828384	4939	20.9	5758	5758	917	89.03	88.90		
5/29/2023	Mon	11.4	11833323	4134	22.6	6675	6675	351	34.08			
5/30/2023	Tue	12.4	11837457	4823	25.1	7026	7026	473	45.92			
5/31/2023	Wed	10.5	11842280	4621	27	7499	7499	614	59.61	46.54		

		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)	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
5/1/2023	Mon	10.9	18106778	4063	28.2	168301	168301	0	0.00	0.00		
5/2/2023	Tue	13.3	18110841	3637	28.3	168301	168301	758	103.84			
5/3/2023	Wed	11.5	18114478	4348	26.4	169059	169059	542	74.25			
5/4/2023	Thu	13.1	18118826	5117	26.8	169601	169601	0	0.00	59.36		
5/5/2023	Fri	10.7	18123943	4159	27.2	169601	169601	0	0.00			
5/6/2023	Sat	10.7	18128102	4159	27.2	169601	169601	0	0.00			
5/7/2023	Sun	10.7	18132261	4160	27.2	169601	169601	0	0.00	0.00		
5/8/2023	Mon	13	18136421	4687	28	169601	169601	620	84.93			
5/9/2023	Tue	12.5	18141108	4182	26.3	170221	170221	0	0.00			
5/10/2023	Wed	11.1	18145290	4042	26.5	170221	170221	0	0.00	28.31		
5/11/2023	Thu	13.1	18149332	4325	26.6	170221	170221	490	67.12			
5/12/2023	Fri	13	18153657	5103	20.3	170711	170711	0	0.00		23.58	
5/13/2023	Sat	13	18158760	5103	21.3	170711	170711	0	0.00	22.37		
5/14/2023	Sun	13	18163863	5105	21.4	170711	170711	0	0.00			
5/15/2023	Mon	12.3	18168968	4941	21.9	170711	170711	0	0.00			
5/16/2023	Tue	13	18173909	5021	23.1	170711	170711	345	47.26	15.75		
5/17/2023	Wed	13.8	18178930	5017	20.1	171056	171056	0	0.00			
5/18/2023	Thu	12.5	18183947	5813	21	171056	171056	0	0.00			
5/19/2023	Fri	11.6	18189760	5042	21.3	171056	171056	150	20.55	6.85		
5/20/2023	Sat	11.6	18194802	5042	21.3	171206	171206	150	20.55			
5/21/2023	Sun	11.6	18199844	5042	21.3	171356	171356	151	20.68			
5/22/2023	Mon	13	18204886	5093	22.3	171507	171507	0	0.00	13.74		
5/23/2023	Tue	11.4	18209979	4657	24.1	171507	171507	0	0.00			
5/24/2023	Wed	13.5	18214636	5591	20.5	171507	171507	362	49.59			
5/25/2023	Thu	9.9	18220227	5028	20.9	171869	171869	0	0.00	16.53		
5/26/2023	Fri	13.5	18225255	6288	21.2	171869	171869	448	61.37		15.71	
5/27/2023	Sat	13.5	18231543	6288	21.2	172317	172317	448	61.37			
5/28/2023	Sun	13.5	18237831	6288	21.2	172765	172765	448	61.37	61.37		
5/29/2023	Mon	10.1	18244119	1535	24.2	173213	173213	453	62.05			
5/30/2023	Tue	14.4	18245654	3457	23	173666	173666	277	37.95			
5/31/2023	Wed	12.8	18249111	6464	23.4	173943	173943	362	49.59	49.86		

		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)	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
5/1/2023	Mon	7.4	17172841	21392	16.2	4236	4236	0	0.00	8.78		
5/2/2023	Tue	13.5	17194233	18319	16.3	4236	4236	0	0.00			
5/3/2023	Wed	15.2	17212552	24682	16.4	4236	4236	0	0.00			
5/4/2023	Thu	17.1	17237234	16908	16.6	4236	4236	292	39.46	13.15		
5/5/2023	Fri	17.9	17254142	27150	16	4528	4528	0	0.00		16.58	
5/6/2023	Sat	17.9	17281292	27150	16	4528	4528	0	0.00			
5/7/2023	Sun	17.9	17308442	27150	16	4528	4528	0	0.00	0.00		
5/8/2023	Mon	18.1	17335592	26405	16.4	4528	4528	0	0.00			
5/9/2023	Tue	16.5	17361997	30340	16.5	4528	4528	0	0.00			
5/10/2023	Wed	18.7	17392337	29913	16.6	4528	4528	203	27.43	9.14		
5/11/2023	Thu	11.5	17422250	28826	16.2	4731	4731	0	0.00			
5/12/2023	Fri	10	17451076	20605	16.5	4731	4731	0	0.00			
5/13/2023	Sat	10	17471681	20605	16.5	4731	4731	0	0.00	0.00		
5/14/2023	Sun	10	17492286	20606	16.5	4731	4731	0	0.00			
5/15/2023	Mon	14.6	17512892	22898	17.2	4731	4731	0	0.00			
5/16/2023	Tue	13.5	17535790	25195	15.9	4731	4731	278	37.57	12.52		
5/17/2023	Wed	10.8	17560985	25108	16.3	5009	5009	0	0.00			
5/18/2023	Thu	9.4	17586093	23977	16.6	5009	5009	0	0.00			
5/19/2023	Fri	12.8	17610070	24943	16.9	5009	5009	0	0.00	0.00	4.64	
5/20/2023	Sat	12.8	17635013	24943	16.9	5009	5009	0	0.00			
5/21/2023	Sun	12.8	17659956	24944	16.9	5009	5009	0	0.00			
5/22/2023	Mon	13	17684900	26009	17.3	5009	5009	0	0.00	0.00		
5/23/2023	Tue	16.6	17710909	23418	17.4	5009	5009	0	0.00			
5/24/2023	Wed	12.7	17734327	25853	17.4	5009	5009	0	0.00			
5/25/2023	Thu	15.4	17760180	26533	17.7	5009	5009	108	14.59	4.86		
5/26/2023	Fri	11.6	17786713	25731	15.4	5117	5117	0	0.00			
5/27/2023	Sat	11.6	17812444	25731	15.4	5117	5117	0	0.00			
5/28/2023	Sun	11.6	17838175	25733	15.4	5117	5117	12	1.62	0.54		
5/29/2023	Mon	16	17863908	22352	16.5	5129	5129	0	0.00			
5/30/2023	Tue	15.7	17886260	30293	16.5	5129	5129	0	0.00			
5/31/2023	Wed	18.1	17916553	21258	16.8	5129	5129	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
5/1/2023	Mon	1.6	6770069	4327	23.1	4754	262414	0	0.00			
5/2/2023	Tue	6.7	6774396	3181	23.2	4754	262414	0	0.00			
5/3/2023	Wed	8.7	6777577	6003	23.5	4754	262414	0	0.00	0.00		
5/4/2023	Thu	16.5	6783580	4371	23.9	4754	262414	0	0.00			
5/5/2023	Fri	28.6	6787951	1134	26.2	4754	262414	445	50.57		3.61	
5/6/2023	Sat	28.6	6789085	1134	26.2	5199	262859	445	50.57	33.71		
5/7/2023	Sun	28.6	6790219	1136	26.2	5644	263304	445	50.57			
5/8/2023	Mon	30.9	6791355	0	22.1	6089	263749	542	61.59			
5/9/2023	Tue	33.8	6791355	0	26.2	6631	264291	380	43.18	51.78		
5/10/2023	Wed	34.9	6791355	535	24.3	7011	264671	655	74.43			
5/11/2023	Thu	35.6	6791890	0	24.6	7666	265326	644	73.18			
5/12/2023	Fri	38.3	6791890	4159	22.2	8310	265970	380	43.18	63.60		
5/13/2023	Sat	38.3	6796049	4159	22.2	8690	266350	380	43.18			
5/14/2023	Sun	38.3	6800208	4159	22.2	9070	266730	380	43.18			
5/15/2023	Mon	11.1	6804367	2194	24.4	9450	267110	553	62.84	49.73		
5/16/2023	Tue	9.3	6806561	9410	25.6	10003	267663	281	31.93			
5/17/2023	Wed	10.1	6815971	5824	23.9	10284	267944	648	73.64			
5/18/2023	Thu	5.4	6821795	4776	24.4	10932	268592	298	33.86	46.48		
5/19/2023	Fri	6.5	6826571	3480	25.1	11230	268890	200	22.73		50.58	
5/20/2023	Sat	6.5	6830051	3480	25.1	11430	269090	200	22.73			
5/21/2023	Sun	6.5	6833531	3481	25.1	11630	269290	200	22.73	22.73		
5/22/2023	Mon	6.2	6837012	3043	27.3	11830	269490	671	76.25			
5/23/2023	Tue	3.5	6840055	2603	26.8	12501	270161	269	30.57			
5/24/2023	Wed	4.1	6842658	2855	24.7	12770	270430	132	15.00	40.61		
5/25/2023	Thu	6.7	6845513	2767	25.5	12902	270562	274	31.14			
5/26/2023	Fri	6	6848280	2574	25.7	13176	270836	502	57.05			
5/27/2023	Sat	6	6850854	2574	25.7	13678	271338	502	57.05	48.41		
5/28/2023	Sun	6	6853428	2576	25.7	14180	271840	503	57.16			
5/29/2023	Mon	9.6	6856004	2324	23.4	14683	272343	317	36.02			
5/30/2023	Tue	6.6	6858328	2543	23.6	15000	272660	569	64.66	52.61		
5/31/2023	Wed	5	6860871	2962	23.2	15569	273229	319	36.25			

		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	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
5/1/23	Mon	5.1	571,389	826	5.7	116,910	30	0	0.00			
5/2/23	Tue	4.6	572,215	783	7.3	116,910	30	0	0.00	3.55		
5/3/23	Wed	4.6	572,998	869	7.3	116,910	30	156	13.30			
5/4/23	Thu	7.6	573,867	887	8.6	117,066	39	132	11.25			
5/5/23	Fri	8.7	574,754	797	6.6	117,198	37	0	0.00	8.18	6.91	
5/6/23	Sat	8.7	575,551	797	6.6	117,198	37	0	0.00			
5/7/23	Sun	8.7	576,348	796	6.6	117,198	37	405	34.53			
5/8/23	Mon	7.1	577,144	1,092	6.0	117,603	47	0	0.00	11.51		
5/9/23	Tue	10.3	578,236	791	6.5	117,603	47	0	0.00			
5/10/23	Wed	9.8	579,027	1,036	6.6	117,603	47	0	0.00			
5/11/23	Thu	11.1	580,063	796	6.9	117,603	47	0	0.00	0.00		
5/12/23	Fri	8.1	580,859	779	7.3	117,603	45	232	19.78			
5/13/23	Sat	8.1	581,638	779	7.3	117,835	45	232	19.78			
5/14/23	Sun	8.1	582,417	780	7.3	118,067	45	232	19.78	19.78		
5/15/23	Mon	5.7	583,197	714	3.8	118,299	42	0	0.00			
5/16/23	Tue	8.8	583,911	753	6.4	118,299	40	0	0.00			
5/17/23	Wed	10.1	584,664	829	6.7	118,299	39	193	16.45	5.48		
5/18/23	Thu	7	585,493	733	4.9	118,492	32	0	0.00			
5/19/23	Fri	10	586,226	734	5.8	118,492	32	0	0.00		7.88	
5/20/23	Sat	10	586,960	734	5.8	118,492	32	0	0.00	0.00		
5/21/23	Sun	10	587,694	735	5.8	118,492	32	167	14.24			
5/22/23	Mon	5	588,429	786	7.1	118,659	30	184	15.69			
5/23/23	Tue	5.5	589,215	648	6.5	118,843	32	0	0.00	9.97		
5/24/23	Wed	8.3	589,863	859	5.7	118,843	32	196	16.71			
5/25/23	Thu	7.9	590,722	622	6.9	119,039	34	0	0.00			
5/26/23	Fri	10.5	591,344	753	5.4	119,039	35	61	5.20	7.30		
5/27/23	Sat	10.5	592,097	753	5.4	119,100	35	61	5.20			
5/28/23	Sun	10.5	592,850	755	5.4	119,161	35	63	5.37			
5/29/23	Mon	8.8	593,605	650	6.2	119,224	44	0	0.00	3.52		
5/30/23	Tue	7.4	594,255	745	6.5	119,224	44	164	13.98			
5/31/23	Wed	10.7	595,000	691	7.0	119,388	44	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
5/1/23	Mon	35.8	36,411	0	32.4	116519	7	0	0.00			
5/2/23	Tue	35.7	36,411	0	32.6	116519	7	0	0.00	0.00		
5/3/23	Wed	35.7	36,411	0	32.8	116519	7	0	0.00			
5/4/23	Thu	35.7	36,411	0	33.1	116519	7	0	0.00			
5/5/23	Fri	35.6	36,411	0	33.3	116519	7	0	0.00	0.00		
5/6/23	Sat	35.6	36,411	0	33.3	116519	7	0	0.00			
5/7/23	Sun	35.6	36,411	0	33.3	116519	7	0	0.00		0.00	
5/8/23	Mon	35.7	36,411	0	33.3	116519	7	0	0.00	0.00		
5/9/23	Tue	35.7	36,411	0	33.3	116519	7	0	0.00			
5/10/23	Wed	35.8	36,411	0	33.5	116519	7	0	0.00			
5/11/23	Thu	35.8	36,411	0	33.6	116519	7	0	0.00	0.00		
5/12/23	Fri	35.8	36,411	0	33.6	116519	7	0	0.00			
5/13/23	Sat	35.8	36,411	0	33.6	116519	7	0	0.00			
5/14/23	Sun	35.8	36,411	0	33.6	116519	7	0	0.00	0.00		
5/15/23	Mon	35.8	36,411	0	33.6	116519	7	0	0.00			
5/16/23	Tue	35.8	36,411	0	33.6	116519	7	0	0.00			
5/17/23	Wed	35.8	36,411	0	33.6	116519	7	0	0.00	0.00		
5/18/23	Thu	35.8	36,411	0	33.6	116519	7	0	0.00			
5/19/23	Fri	35.8	36,411	0	33.6	116519	7	0	0.00			
5/20/23	Sat	35.8	36,411	0	33.6	116519	7	0	0.00	0.00		
5/21/23	Sun	35.8	36,411	0	33.6	116519	7	0	0.00		0.00	
5/22/23	Mon	35.8	36,411	0	33.6	116519	7	0	0.00			
5/23/23	Tue	35.8	36,411	0	33.6	116519	7	0	0.00	0.00		
5/24/23	Wed	35.8	36,411	0	33.6	116519	7	0	0.00			
5/25/23	Thu	35.8	36,411	0	33.6	116519	7	0	0.00			
5/26/23	Fri	35.8	36,411	0	33.6	116519	7	0	0.00	0.00		
5/27/23	Sat	35.8	36,411	0	33.6	116519	7	0	0.00			
5/28/23	Sun	35.8	36,411	0	33.6	116519	7	0	0.00			
5/29/23	Mon	35.8	36,411	0	33.6	116519	7	0	0.00	0.00		
5/30/23	Tue	35.8	36,411	0	33.6	116519	7	0	0.00			
5/31/23	Wed	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					
EVLFL01	LE-1	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFL03	LE-03	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFL04	LE-4	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFL05	LE-05	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFL07	LE-7	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFL08	LE-08	Lateral Expansion Area Well	No	Interior	REPLACED
EVLFL8R	LE-8R	REPLACEMENT FOR LE-08	Yes	Interior	0.25 hour
EVLFL10	LE-10	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFL11	LE-11	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFL12	LE-12	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFL13	LE-13	Lateral Expansion Area Well	No	Interior	REPLACED
EVLFL13R	LE-13R	Replacement for LE-13	Yes	Interior	0.25 hour
EVLFL15	LE-15	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFL16	LE-16	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFL18	LE-18	Lateral Expansion Area Well	No	Interior	REPLACED
EVLFL18R	LE-18R	REPLACEMENT FOR LE-18	Yes	Interior	0.25 hour
EVLFL19	LE-19	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFL21	LE-21	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFL24	LE-24	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFL26	LE-26	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFL27	LE-27	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFL29	LE-29	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFL31	LE-31	Lateral Expansion Area Well	No	Interior	REPLACED
EVLFL31R	LE-31R	REPLACEMENT FOR LE-31	Yes	Interior	0.25 hour
EVLFL32	LE-32	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFL33	LE-33	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFL34	LE-34	Lateral Expansion Area Well	No	Interior	REPLACED
EVLFL34R	LE-34R	REPLACEMENT FOR LE-34	Yes	Interior	0.25 hour
EVLFL36	LE-36	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFL38	LE-38	Lateral Expansion Area Well	No	Interior	REPLACED
EVLFL38R	LE-38R	REPLACEMENT FOR LE-38	Yes	Interior	0.25 hour
EVLFL39	LE-39	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFL41	LE-41	Lateral Expansion Area Well	No	Interior	REPLACED
EVLFL41R	LE-41R	REPLACEMENT FOR LE-41	Yes	Interior	0.25 hour
EVLFL42	LE-42	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFL43	LE-43	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFL45	LE-45	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFL48	LE-48	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFL50	LE-50	Lateral Expansion Area Well	No	Interior	REPLACED
EVLFL50R	LE-50R	REPLACEMENT FOR LE-50	Yes	Interior	0.25 hour
EVLFL52	LE-52	Lateral Expansion Area Well	No	Interior	REPLACED
EVLFL52R	LE-52R	REPLACEMENT FOR LE-52	Yes	Interior	0.25 hour
EVLFL53	LE-53	Lateral Expansion Area Well	No	Interior	REPLACED
EVLFL53R	LE-53R	REPLACEMENT FOR LE-53	Yes	Interior	0.25 hour
EVLFL55	LE-55	Lateral Expansion Area Well	No	Interior	REPLACED
EVLFL55R	LE-55R	REPLACEMENT FOR LE-55	Yes	Interior	0.25 hour
EVLFL56	LE-56	Lateral Expansion Area Well	No	Interior	REPLACED
EVLFL56R	LE-56R	REPLACEMENT FOR LE-56	Yes	Interior	0.25 hour
EVLFL57	LE-57	Lateral Expansion Area Well	No	Interior	REPLACED
EVLFL57R	LE-57R	REPLACEMENT FOR LE-57	Yes	Interior	0.25 hour
EVLFL58	LE-58	Lateral Expansion Area Well	No	Interior	REPLACED
EVLFL58R	LE-58R	REPLACEMENT FOR LE-58	Yes	Interior	0.25 hour
EVLFL59	LE-59	Lateral Expansion Area Well	No	Interior	0.25 hour

Device Name	Alias	Description	Active	Location	Downtime (hours)
EVLLE59R	LE-59R	REPLACEMENT FOR LE-59	Yes	Interior	0.25 hour
EVLFL62	LE-62	Lateral Expansion Area Well	No	Interior	REPLACED
EVLLE62R	LE-62R	REPLACEMENT FOR LE-62	Yes	Interior	0.25 hour
EVLFL64	LE-64	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFL65	LE-65	Lateral Expansion Area Well	No	Interior	REPLACED
EVLLE65R	LE-65R	REPLACEMENT FOR LE-65	Yes	Interior	0.25 hour
EVLFL67	LE-67	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFL70	LE-70	Lateral Expansion Area Well	No	Interior	REPLACED
EVLFE70R	LE-70R	Replacement for LE-70	Yes	Interior	0.25 hour
EVLFL71	LE-71	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFL72	LE-72	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFL73	LE-73	Lateral Expansion Area Well	No	Interior	REPLACED
EVLLE73R	LE-73R	Replacement for LE-73	Yes	Interior	0.25 hour
EVLFL75	LE-75	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFL76	LE-76	Lateral Expansion Area Well	No	Interior	REPLACED
EVLFE76R	LE-76R	Replacement for LE-76	Yes	Interior	0.25 hour
EVLFL78	LE-78	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFL79	LE-79	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFL80	LE-80	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFL83	LE-83	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFL84	LE-84	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFL85	LE-85	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFL86	LE-86	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFL87	LE-87	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFL114	LE-114	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLLE116	LE-116	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLLE117	LE-117	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLLE118	LE-118	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLLE119	LE-119	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLLE120	LE-120	Lateral Expansion Area Well	No	Interior	REPLACED
EVLE120R	LE-120R	REPLACEMENT FOR LE-120	Yes	Interior	0.25 hour
EVLLE121	LE-121	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLLE122	LE-122	Lateral Expansion Area Well	No	Interior	REPLACED
EVLE122R	LE-122R	REPLACEMENT FOR LE-122	Yes	Interior	0.25 hour
EVLLE127	LE-127	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLLE130	LE-130	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLLE143	LE-143	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLLE145	LE-145	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLLE146	LE-146	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLLE151	LE-151	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLLE154	LE-154	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVEW1000	EW-1000	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVEW1002	EW-1002	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVEW1003	EW-1003	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVEW1006	EW-1006	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVEW1007	EW-1007	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVEW1008	EW-1008	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVEW1009	EW-1009	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVEW1010	EW-1010	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVEW1011	EW-1011	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVEW1012	EW-1012	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVEW1014	EW-1014	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVEW1017	EW-1017	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVEW1018	EW-1018	Lateral Expansion Area Well	Yes	Interior	0.25 hour

Device Name	Alias	Description	Active	Location	Downtime (hours)
EVEW1022	EW-1022	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVEW1024	EW-1024	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVEW1025	EW-1025	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVEW1027	EW-1027	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVEW1028	EW-1028	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVEW1055	EW-1055	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVEW1056	EW-1056	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVEW1057	EW-1057	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVEW1058	EW-1058	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVEW1059	EW-1059	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVEW1060	EW-1060	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVEW1061	EW-1061	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVEW1067	EW-1067	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFTD1A	TD-1A	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFTD1B	TD-1B	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFTD02	TD-2	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EWEVOT10	OT-10	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EWEVOT11	OT-11	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EWEVOT12	OT-12	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EWEVOT13	OT-13	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EWEVOT14	OT-14	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EWEVOT15	OT-15	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EWEVOT16	OT-16	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EWEVOT17	OT-17	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EWEVOT18	OT-18	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EWEVOT19	OT-19	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EWEVOT20	OT-20	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EWEVOT21	OT-21	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EWEVOT22	OT-22	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EWEVOT23	OT-23	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EWEVOT24	OT-24	Lateral Expansion Area Well	Yes	Interior	0.25 hour
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	0.25 hour
EVLFHGC4	HGC-4	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFHGC5	HGC-5	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFHGC6	HGC-6	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFHGC7	HGC-7	Lateral Expansion Area Well	Yes	Interior	0.25 hour
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	0.25 hour
EVHGC10A	HGC-10A	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVHGC10B	HGC-10B	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLHGC12	HGC-12	Lateral Expansion Area Well	Yes	Interior	0.25 hour
Old Hill Gas Wells					
TOTIEW01	EW-01	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW02	EW-02	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW03	EW-03	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW04	EW-04	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW05	EW-05	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW06	EW-06	Old Hill Extraction Well	No	Interior	REPLACED
TOTIEW6R	EW-6R	Replacement for EW-6	Yes	Interior	0.25 hour
TOTIEW07	EW-07	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW08	EW-08	Old Hill Extraction Well	No	Interior	0.25 hour

Device Name	Alias	Description	Active	Location	Downtime (hours)
TOTIEW09	EW-09	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW10	EW-10	Old Hill Extraction Well	No	Interior	REPLACED
TOTEW10R	EW-10R	Replacement for EW-10	Yes	Interior	0.25 hour
TOTIEW11	EW-11	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW12	EW-12	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW13	EW-13	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW14	EW-14	Old Hill Extraction Well	No	Interior	REPLACED
TOTEW14R	EW-14R	Replacement for EW-14	Yes	Interior	0.25 hour
TOTIEW15	EW-15	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW16	EW-16	Old Hill Extraction Well	No	Interior	shut off 5.16
TOTIEW17	EW-17	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW18	EW-18	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW19	EW-19	Old Hill Extraction Well	No	Interior	shut off 5.16
TOTIEW20	EW-20	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW21	EW-21	Old Hill Extraction Well	No	Interior	shut off 5.16
TOTIEW22	EW-22	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW23	EW-23	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW24	EW-24	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW25	EW-25	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW26	EW-26	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW27	EW-27	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW28	EW-28	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW29	EW-29	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW30	EW-30	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW31	EW-31	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW32	EW-32	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW33	EW-33	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW34	EW-34	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW35	EW-35	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW36	EW-36	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW37	EW-37	Old Hill Extraction Well	No	Interior	REPLACED
TOTEW37R	EW-37R	REPLACEMENT FOR EW-37	Yes	Interior	0.25 hour
TOTIEW38	EW-38	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW39	EW-39	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW40	EW-40	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW41	EW-41	Old Hill Extraction Well	No	Interior	REPLACED
TOTEW41R	EW-41R	REPLACEMENT FOR EW-41	Yes	Interior	0.25 hour
TOTIEW42	EW-42	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW43	EW-43	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW44	EW-44	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW45	EW-45	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW46	EW-46	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW47	EW-47	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW48	EW-48	Old Hill Extraction Well	No	Interior	REPLACED
TOTEW48R	EW-48R	REPLACEMENT FOR EW-48	Yes	Interior	0.25 hour
TOTIEW49	EW-49	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW50	EW-50	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW51	EW-51	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW52	EW-52	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW53	EW-53	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW54	EW-54	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW55	EW-55	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW56	EW-56	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW57	EW-57	Old Hill Extraction Well	Yes	Interior	0.25 hour

Device Name	Alias	Description	Active	Location	Downtime (hours)
TOTIEW58	EW-58	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW59	EW-59	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW60	EW-60	Old Hill Extraction Well	Yes	Interior	0.25 hour
TOTIEW61	EW-61	Old Hill Extraction Well	No	Interior	shut off 5.16
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	none
TOTIOW06	OW-06	Out of Waste-NW of Old Hill	Yes	Exterior	none
TOTIOW07	OW-07	Out of Waste-NW of Old Hill	Yes	Exterior	none
TOTIOW08	OW-08	Out of Waste-NW of Old Hill	Yes	Exterior	none
TOTIOW09	OW-09	Out of Waste-NW of Old Hill	Yes	Exterior	none
TOTIOW10	OW-10	Out of Waste-NW of Old Hill	Yes	Exterior	none
TOTIOW11	OW-11	Not Active - Old Stuttz 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	none
TOTIOW20	OW-20	Out of Waste-NW of Old Hill	Yes	Exterior	none
TOTIOW21	OW-21	Out of Waste-NW of Old Hill	Yes	Exterior	none
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

Device Name	Alias	Description	Active	Location	Downtime (hours)
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
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): 5.13.23-power outage

File Path: D:\DPOBOX (PROMUS ENGINEERING)\PROJECTS\ACTIVE\20130-WNEV-GCCS-COA\DRAWINGS\WNEV-UPDATED SITE PLAN.DWG

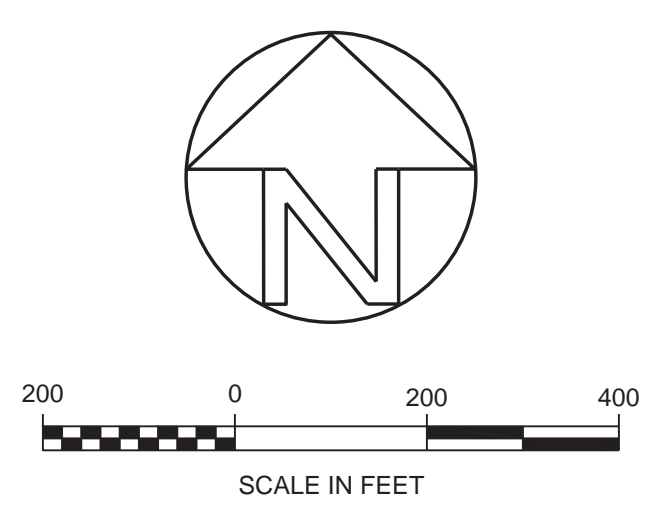
Date: 8/27/2020 10:21 AM

Last Saved By: JONATHANKING



LEGEND

- 450 — EXISTING 10-FT CONTOUR
- — EXISTING 2-FT CONTOUR
- — EXISTING LFG LATERALS
- - - PERMITTED LANDFILL BOUNDARY
- — CELL BOUNDARY
- — PROPERTY BOUNDARY



- NOTE:**
- EXISTING TOPOGRAPHY IS A COMPOSITE OF SURVEY INFORMATION OBTAINED FROM SOUTHERN RESOURCES MAPPING CORPORATION, INC. (SRMCMAPS.COM) BASED ON AERIAL PHOTOGRAMMETRIC DATA COLLECTED ON 12/03/2019, AND SURVEY INFORMATION OBTAINED FROM MASON SURVEYING AND CONSULTING, INC. BASED ON GROUND SURVEYS PROVIDED ON AUGUST 13, 2020.
 - PROPERTY BOUNDARY, WASTE LIMITS, AND DISPOSAL AREAS, WERE OBTAINED FROM CAD FILES PROVIDED BY THE OWNER AND ARE APPROXIMATE.
 - EXISTING GCCS COMPONENTS WERE OBTAINED FROM CAD FILES PROVIDED BY FRANKLIN ENGINEERS AND CONSULTANTS, LLC AND MASON ENGINEERING & CONSULTING, LLC.

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



GENERAL SITE PLAN - 2020

GCCS SYSTEM CONFIGURATION
ECO VISTA CLASS 1 LANDFILL
TONTITTOWN, ARKANSAS

PROJECT NO.: 20130
SHEET NUMBER
1

ATTACHMENT G

Laboratory Analytical Report & Field Forms

Eco-Vista (Tontitown)LF

Sample Delivery Group: L1616254
Samples Received: 05/13/2023
Project Number: 300
Description: Eco-Vista-GW-Feb, Mar, May, Jun, Aug, Sep, Nov, Dec
Site: AR03
Report To: Jodi Reynolds
88 Joyce Lane
Russellville, AR 72801

Entire Report Reviewed By:



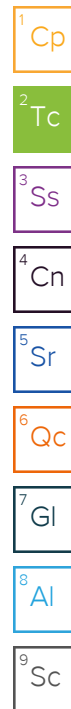
Stacy Kennedy
Project Manager

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 National12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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SAMPLE SUMMARY

LGW-2 L1616254-01 GW

Collected by: Chris Fincher
 Collected date/time: 05/11/23 07:55
 Received date/time: 05/13/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2060993	1	05/17/23 14:05	05/17/23 14:05	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2064592	1	05/22/23 19:20	05/22/23 19:20	MDM	Mt. Juliet, TN



LGW-3R L1616254-02 GW

Collected by: Chris Fincher
 Collected date/time: 05/10/23 17:05
 Received date/time: 05/13/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2060993	1	05/17/23 14:11	05/17/23 14:11	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2064592	1	05/22/23 19:57	05/22/23 19:57	MDM	Mt. Juliet, TN

LGW-4 L1616254-03 GW

Collected by: Chris Fincher
 Collected date/time: 05/10/23 16:25
 Received date/time: 05/13/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2060993	1	05/17/23 14:12	05/17/23 14:12	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2064592	1	05/22/23 20:07	05/22/23 20:07	MDM	Mt. Juliet, TN

LGW-5 L1616254-04 GW

Collected by: Chris Fincher
 Collected date/time: 05/10/23 15:45
 Received date/time: 05/13/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2060993	1	05/17/23 14:14	05/17/23 14:14	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2064592	1	05/22/23 20:16	05/22/23 20:16	MDM	Mt. Juliet, TN

LGW-6 L1616254-05 GW

Collected by: Chris Fincher
 Collected date/time: 05/10/23 14:15
 Received date/time: 05/13/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2060993	1	05/17/23 14:15	05/17/23 14:15	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2064592	1	05/22/23 20:45	05/22/23 20:45	MDM	Mt. Juliet, TN

LGW-7 L1616254-06 GW

Collected by: Chris Fincher
 Collected date/time: 05/10/23 13:30
 Received date/time: 05/13/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2060993	1	05/17/23 14:17	05/17/23 14:17	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2064592	1	05/22/23 20:55	05/22/23 20:55	MDM	Mt. Juliet, TN

LGW-8R L1616254-07 GW

Collected by: Chris Fincher
 Collected date/time: 05/10/23 12:45
 Received date/time: 05/13/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2060993	1	05/17/23 14:18	05/17/23 14:18	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2064592	1	05/22/23 21:04	05/22/23 21:04	MDM	Mt. Juliet, TN

SAMPLE SUMMARY

LGW-9 L1616254-08 GW

Collected by
Chris Fincher

Collected date/time
05/10/23 12:10

Received date/time
05/13/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2060993	1	05/17/23 14:20	05/17/23 14:20	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2064592	1	05/22/23 21:14	05/22/23 21:14	MDM	Mt. Juliet, TN

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

LGW-10 L1616254-09 GW

Collected by
Chris Fincher

Collected date/time
05/10/23 17:35

Received date/time
05/13/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2060993	1	05/17/23 14:21	05/17/23 14:21	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2064592	1	05/22/23 21:23	05/22/23 21:23	MDM	Mt. Juliet, TN

LGW-14R L1616254-10 GW

Collected by
Chris Fincher

Collected date/time
05/10/23 15:00

Received date/time
05/13/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2060993	1	05/17/23 14:23	05/17/23 14:23	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2064592	1	05/22/23 21:33	05/22/23 21:33	MDM	Mt. Juliet, TN

MW-7N L1616254-11 GW

Collected by
Chris Fincher

Collected date/time
05/10/23 11:30

Received date/time
05/13/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2060993	1	05/17/23 14:25	05/17/23 14:25	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2064592	1	05/22/23 21:42	05/22/23 21:42	MDM	Mt. Juliet, TN

MW-15 L1616254-12 GW

Collected by
Chris Fincher

Collected date/time
05/11/23 07:10

Received date/time
05/13/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2060993	1	05/17/23 14:31	05/17/23 14:31	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2064592	1	05/22/23 22:11	05/22/23 22:11	MDM	Mt. Juliet, TN

MW-16 L1616254-13 GW

Collected by
Chris Fincher

Collected date/time
05/11/23 06:35

Received date/time
05/13/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2060993	1	05/17/23 14:32	05/17/23 14:32	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2064592	1	05/22/23 22:40	05/22/23 22:40	MDM	Mt. Juliet, TN

MW-17 L1616254-14 GW

Collected by
Chris Fincher

Collected date/time
05/10/23 10:20

Received date/time
05/13/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2060993	1	05/17/23 14:34	05/17/23 14:34	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2064592	1	05/22/23 22:49	05/22/23 22:49	MDM	Mt. Juliet, TN

SAMPLE SUMMARY

MW-19 L1616254-15 GW

Collected by: Chris Fincher
 Collected date/time: 05/10/23 18:10
 Received date/time: 05/13/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2060993	1	05/17/23 14:35	05/17/23 14:35	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2064592	1	05/22/23 22:59	05/22/23 22:59	MDM	Mt. Juliet, TN

¹ Cp

² Tc

³ Ss

FB L1616254-16 GW

Collected by: Chris Fincher
 Collected date/time: 05/10/23 09:45
 Received date/time: 05/13/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2060993	1	05/17/23 14:38	05/17/23 14:38	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2064592	1	05/22/23 23:09	05/22/23 23:09	MDM	Mt. Juliet, TN

⁴ Cn

⁵ Sr

⁶ Qc

LGW-6-DUP L1616254-17 GW

Collected by: Chris Fincher
 Collected date/time: 05/10/23 14:20
 Received date/time: 05/13/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2060994	1	05/17/23 12:33	05/17/23 12:33	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2064592	1	05/22/23 23:18	05/22/23 23:18	MDM	Mt. Juliet, TN

⁷ Gl

⁸ Al

⁹ Sc

CASE NARRATIVE

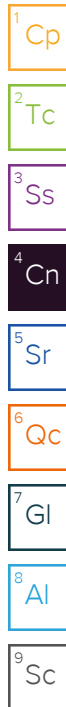
Unless qualified or notated within the narrative below, all sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental 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.



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

Analyte	Result	Units
pH (On Site)	6.45	su
Specific Conductance (on site)	588	umhos/cm
Temperature (on-site)	17.4	Deg. C
Turbidity (on-site)	3.4	NTU
Dissolved Oxygen (on-site)	4.3	mg/l
eH/ORP (On Site)	173.1	mV
Depth to water (DTW) (FROM TOC)	70.77	ft

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		0.100	1	05/17/2023 14:05	WG2060993

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	10.4		3.00	1	05/22/2023 19:20	WG2064592

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

Analyte	Result	Units
pH (On Site)	5.1	su
Specific Conductance (on site)	118	umhos/cm
Temperature (on-site)	18.5	Deg. C
Turbidity (on-site)	9	NTU
Dissolved Oxygen (on-site)	6.4	mg/l
eH/ORP (On Site)	190.2	mV
Depth to water (DTW) (FROM TOC)	53.75	ft

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		0.100	1	05/17/2023 14:11	WG2060993

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	6.05		3.00	1	05/22/2023 19:57	WG2064592

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

Analyte	Result	Units
pH (On Site)	6.18	su
Specific Conductance (on site)	757	umhos/cm
Temperature (on-site)	17.3	Deg. C
Turbidity (on-site)	5.7	NTU
Dissolved Oxygen (on-site)	0.7	mg/l
eH/ORP (On Site)	165.1	mV
Depth to water (DTW) (FROM TOC)	59.42	ft

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		0.100	1	05/17/2023 14:12	WG2060993

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	21.0		3.00	1	05/22/2023 20:07	WG2064592

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

Analyte	Result	Units
pH (On Site)	5.99	su
Specific Conductance (on site)	727	umhos/cm
Temperature (on-site)	21.1	Deg. C
Turbidity (on-site)	3.4	NTU
Dissolved Oxygen (on-site)	0.9	mg/l
eH/ORP (On Site)	183	mV
Depth to water (DTW) (FROM TOC)	69.74	ft

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	0.151		0.100	1	05/17/2023 14:14	WG2060993

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	31.1		3.00	1	05/22/2023 20:16	WG2064592

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

Analyte	Result	Units
pH (On Site)	6.1	su
Specific Conductance (on site)	686	umhos/cm
Temperature (on-site)	18.3	Deg. C
Turbidity (on-site)	3.6	NTU
Dissolved Oxygen (on-site)	0.3	mg/l
eH/ORP (On Site)	175.2	mV
Depth to water (DTW) (FROM TOC)	49.78	ft

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		0.100	1	05/17/2023 14:15	WG2060993

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	14.5		3.00	1	05/22/2023 20:45	WG2064592

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

Analyte	Result	Units
pH (On Site)	6.39	su
Specific Conductance (on site)	582	umhos/cm
Temperature (on-site)	19.3	Deg. C
Turbidity (on-site)	3.8	NTU
Dissolved Oxygen (on-site)	2.4	mg/l
eH/ORP (On Site)	171.6	mV
Depth to water (DTW) (FROM TOC)	42.13	ft

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		0.100	1	05/17/2023 14:17	WG2060993

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	15.1		3.00	1	05/22/2023 20:55	WG2064592

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

Analyte	Result	Units
pH (On Site)	6.23	su
Specific Conductance (on site)	729	umhos/cm
Temperature (on-site)	16.9	Deg. C
Turbidity (on-site)	3.5	NTU
Dissolved Oxygen (on-site)	0.4	mg/l
eH/ORP (On Site)	173.9	mV
Depth to water (DTW) (FROM TOC)	10.12	ft

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		0.100	1	05/17/2023 14:18	WG2060993

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	17.9		3.00	1	05/22/2023 21:04	WG2064592

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

Analyte	Result	Units
pH (On Site)	5.99	su
Specific Conductance (on site)	766	umhos/cm
Temperature (on-site)	17.4	Deg. C
Turbidity (on-site)	3.7	NTU
Dissolved Oxygen (on-site)	0.5	mg/l
eH/ORP (On Site)	184.4	mV
Depth to water (DTW) (FROM TOC)	53.5	ft

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		0.100	1	05/17/2023 14:20	WG2060993

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	33.7		3.00	1	05/22/2023 21:14	WG2064592

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

Analyte	Result	Units
pH (On Site)	5.97	su
Specific Conductance (on site)	878	umhos/cm
Temperature (on-site)	17.8	Deg. C
Turbidity (on-site)	5	NTU
Dissolved Oxygen (on-site)	0.5	mg/l
eH/ORP (On Site)	189.6	mV
Depth to water (DTW) (FROM TOC)	59.15	ft

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	0.227		0.100	1	05/17/2023 14:21	WG2060993

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	22.1		3.00	1	05/22/2023 21:23	WG2064592

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)	545	umhos/cm
Temperature (on-site)	18.2	Deg. C
Turbidity (on-site)	2.9	NTU
Dissolved Oxygen (on-site)	4.7	mg/l
eH/ORP (On Site)	160.1	mV
Depth to water (DTW) (FROM TOC)	55.72	ft

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		0.100	1	05/17/2023 14:23	WG2060993

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	5.26		3.00	1	05/22/2023 21:33	WG2064592

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

Analyte	Result	Units
pH (On Site)	6.45	su
Specific Conductance (on site)	588	umhos/cm
Temperature (on-site)	17.9	Deg. C
Turbidity (on-site)	3.5	NTU
Dissolved Oxygen (on-site)	4	mg/l
eH/ORP (On Site)	175.9	mV
Depth to water (DTW) (FROM TOC)	85.16	ft

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		0.100	1	05/17/2023 14:25	WG2060993

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	31.4		3.00	1	05/22/2023 21:42	WG2064592

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

Analyte	Result	Units
pH (On Site)	6.18	su
Specific Conductance (on site)	494	umhos/cm
Temperature (on-site)	16.3	Deg. C
Turbidity (on-site)	2.8	NTU
Dissolved Oxygen (on-site)	6.2	mg/l
eH/ORP (On Site)	180.2	mV
Depth to water (DTW) (FROM TOC)	58.18	ft

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		0.100	1	05/17/2023 14:31	WG2060993

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	37.2		3.00	1	05/22/2023 22:11	WG2064592

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

Analyte	Result	Units
pH (On Site)	6.95	su
Specific Conductance (on site)	346	umhos/cm
Temperature (on-site)	16.5	Deg. C
Turbidity (on-site)	3.4	NTU
Dissolved Oxygen (on-site)	5.9	mg/l
eH/ORP (On Site)	168.6	mV
Depth to water (DTW) (FROM TOC)	69.18	ft

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		0.100	1	05/17/2023 14:32	WG2060993

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	4.20		3.00	1	05/22/2023 22:40	WG2064592

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

Analyte	Result	Units
pH (On Site)	6.18	su
Specific Conductance (on site)	320	umhos/cm
Temperature (on-site)	17.8	Deg. C
Turbidity (on-site)	18.9	NTU
Dissolved Oxygen (on-site)	7.6	mg/l
eH/ORP (On Site)	192.6	mV
Depth to water (DTW) (FROM TOC)	59.73	ft

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		0.100	1	05/17/2023 14:34	WG2060993

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	12.2		3.00	1	05/22/2023 22:49	WG2064592

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)	337	umhos/cm
Temperature (on-site)	19.5	Deg. C
Turbidity (on-site)	4.7	NTU
Dissolved Oxygen (on-site)	4.4	mg/l
eH/ORP (On Site)	166.1	mV
Depth to water (DTW) (FROM TOC)	67.75	ft

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		0.100	1	05/17/2023 14:35	WG2060993

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	8.29		3.00	1	05/22/2023 22:59	WG2064592

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		0.100	1	05/17/2023 14:38	WG2060993

¹Cp

²Tc

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	ND		3.00	1	05/22/2023 23:09	WG2064592

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		0.100	1	05/17/2023 12:33	WG2060994

¹ Cp

² Tc

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	14.6		3.00	1	05/22/2023 23:18	WG2064592

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Method Blank (MB)

(MB) R3925940-1 05/17/23 13:51

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Ammonia Nitrogen	ND		0.0317	0.100

L1616172-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1616172-03 05/17/23 14:00 • (DUP) R3925940-5 05/17/23 14:02

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Ammonia Nitrogen	ND	ND	1	0.000		10

L1616254-16 Original Sample (OS) • Duplicate (DUP)

(OS) L1616254-16 05/17/23 14:38 • (DUP) R3925940-7 05/17/23 14:40

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Ammonia Nitrogen	ND	ND	1	0.000		10

Laboratory Control Sample (LCS)

(LCS) R3925940-2 05/17/23 13:53

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Ammonia Nitrogen	7.50	7.39	98.5	90.0-110	

L1616172-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1616172-02 05/17/23 13:56 • (MS) R3925940-3 05/17/23 13:57 • (MSD) R3925940-4 05/17/23 13:59

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Ammonia Nitrogen	5.00	0.281	5.27	5.33	99.7	101	1	90.0-110			1.25	10

L1616254-15 Original Sample (OS) • Matrix Spike (MS)

(OS) L1616254-15 05/17/23 14:35 • (MS) R3925940-6 05/17/23 14:37

Analyte	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
Ammonia Nitrogen	5.00	ND	4.96	99.3	1	90.0-110	

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R3925899-1 05/17/23 12:19

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Ammonia Nitrogen	ND		0.0317	0.100

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

L1615608-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1615608-02 05/17/23 12:28 • (DUP) R3925899-5 05/17/23 12:30

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Ammonia Nitrogen	ND	ND	1	0.000		10

L1616421-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1616421-02 05/17/23 12:43 • (DUP) R3925899-7 05/17/23 12:45

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Ammonia Nitrogen	ND	ND	1	0.000		10

Laboratory Control Sample (LCS)

(LCS) R3925899-2 05/17/23 12:21

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Ammonia Nitrogen	7.50	7.23	96.4	90.0-110	

L1615608-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1615608-01 05/17/23 12:24 • (MS) R3925899-3 05/17/23 12:25 • (MSD) R3925899-4 05/17/23 12:27

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Ammonia Nitrogen	5.00	0.559	5.33	5.47	95.3	98.2	1	90.0-110			2.67	10

L1616278-02 Original Sample (OS) • Matrix Spike (MS)

(OS) L1616278-02 05/17/23 12:40 • (MS) R3925899-6 05/17/23 12:42

Analyte	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
Ammonia Nitrogen	5.00	ND	4.72	94.4	1	90.0-110	

Method Blank (MB)

(MB) R3928261-1 05/22/23 18:22

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Chloride	0.0681		0.0519	1.00

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

L1616254-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1616254-01 05/22/23 19:20 • (DUP) R3928261-3 05/22/23 19:29

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Chloride	10.4	10.3	1	0.632		15

L1616254-11 Original Sample (OS) • Duplicate (DUP)

(OS) L1616254-11 05/22/23 21:42 • (DUP) R3928261-6 05/22/23 21:52

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Chloride	31.4	31.5	1	0.189		15

Laboratory Control Sample (LCS)

(LCS) R3928261-2 05/22/23 18:31

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Chloride	40.0	39.1	97.8	80.0-120	

L1616254-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1616254-01 05/22/23 19:20 • (MS) R3928261-4 05/22/23 19:38 • (MSD) R3928261-5 05/22/23 19:48

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Chloride	50.0	10.4	58.2	57.9	95.6	95.1	1	80.0-120			0.414	15

L1616254-11 Original Sample (OS) • Matrix Spike (MS)

(OS) L1616254-11 05/22/23 21:42 • (MS) R3928261-7 05/22/23 22:02

Analyte	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
Chloride	50.0	31.4	78.2	93.5	1	80.0-120	

GLOSSARY OF TERMS

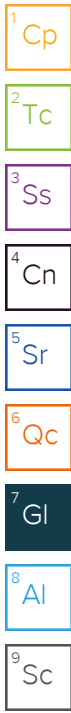
Guide to Reading and Understanding Your Laboratory Report

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.
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

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

ACCREDITATIONS & LOCATIONS

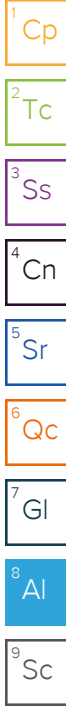
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

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	LA000356
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																			
-------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--



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 # L1616254
G074

Acctnum: **WMECOVISAR**
 Template: **T161046**
 Prelogin: **P994341**
 PM: **616 - Stacy Kennedy**
 PB:
 Shipped Via: **FedEX Ground**

Report to:
Jodi Reynolds

Project Description:
 Eco-Vista-GW-Feb, Mar, May, Jun, Aug, Sep, Nov, De

Email To:
 jeffholmgren@sbcglobal.net;jreyno10@wm.com

Please Circle:
 PT MT CT ET

City/State Collected:
 Client Project # **300**

Site/Facility ID # **AR03**

Collected by (print):
Chris Finley

Collected by (signature):

Immediately Packed on Ice N ___ Y ___

Lab Project # **WMECOVISAR-00005**

P.O. # **11057634**

Quote #

Date Results Needed

No. of Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	CHLORIDE 125mIHDPE-NoPres	NH3 250mIHDPE-H2SO4												
LDS-9		GW				2	X	X												
LDS-10		GW				2	X	X												
LDS-11		GW				2	X	X												
LDS-12		GW				2	X	X												
LGW-2	Grab	GW	71.90	5.11.23	0755	2	X	X											- 01	
LGW-3R		GW	54.00	5.10.23	1705	2	X	X												- 02
LGW-4		GW	59.65		1625	2	X	X												- 03
LGW-5		GW	69.75		1545	2	X	X												- 04
LGW-6		GW	49.80		1415	2	X	X												- 05
LGW-7		GW	42.85		1330	2	X	X												- 06

* Matrix:
 SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other

Remarks: Pace project service: Check for multiple coolers upon receipt.

Sample Receipt Checklist	
COC Seal Present/Intact:	<u>NP</u> <input checked="" type="checkbox"/> N
COC Signed/Accurate:	<u>Y</u> <input checked="" type="checkbox"/> N
Bottles arrive intact:	<u>Y</u> <input checked="" type="checkbox"/> N
Correct bottles used:	<u>Y</u> <input checked="" type="checkbox"/> N
Sufficient volume sent:	<u>Y</u> <input checked="" type="checkbox"/> N
IF Applicable	
VDA Zero HeadSpace:	<u>Y</u> <input checked="" type="checkbox"/> N
Preservation Correct/Checked:	<u>Y</u> <input checked="" type="checkbox"/> N
RAD Screen <0.5 mR/hr:	<u>Y</u> <input checked="" type="checkbox"/> N

Samples returned via: UPS FedEx Courier

Tracking # 6357 9916 5212

Relinquished by: (Signature)

Date: 5.12.23

Time: 1030

Received by: (Signature)

Temp: 5.1 °C
 BSA7 5.140 = 5.1

Date: 5/3/23

Time: 9:00

Trip Blank Received: Yes/No
 HCL/MeOH
 TBR

If preservation required by Login: Date/Time


Hold:

Condition: NCF 1/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

Analysis / Container / Preservative	Pres Chk

Chain of Custody Page 2 of 3

 PEOPLE ADVANCING SCIENCE
MT JULIET, TN

Report to:
Jodi Reynolds

Email To:
 jeffholmgren@sbcglobal.net;jreyno10@wm.com

Project Description:
 Eco-Vista-GW-Feb, Mar, May, Jun, Aug, Sep, Nov, De

City/State Collected:
 Please Circle:
 PT MT CT ET

Phone: **501-993-8966**

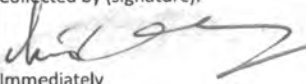
Client Project #
300

Lab Project #
WMECOVISAR-00005

Collected by (print):
Chris Fincher

Site/Facility ID #
AR03

P.O. #
11057634

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

No. of Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	
LGW-8R	Grab	GW	10.25	5.10.23	1245	2	
LGW-9	↓	GW	54.55	5.10.23	1210	2	
LGW-10		GW	60.55	5.10.23	1735	2	
LGW-14R		GW	58.60	5.10.23	1500	2	
MW-7N		GW	85.45	5.10.23	1150	2	
MW-15		GW	58.20	5.11.23	0710	2	
MW-16		GW	71.05	5.11.23	0635	2	
MW-17		GW	59.80	5.10.23	1020	2	
MW-19		GW	69.00	5.10.23	1810	2	
FB		✓	GW	N/A	5.10.23	0945	2

CHLORIDE 125mIHDPPE-NoPres	NH3 250mIHDPPE-H2SO4																				
----------------------------	----------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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/hubs/pas-standard-terms.pdf>

SDG # **L1616284**

Table #

Acctnum: **WMECOVISAR**

Template: **T161046**

Prelogin: **P994341**

PM: **616 - Stacy Kennedy**

PB: **4/21/23 CAM**

Shipped Via: **FedEX Ground**

Remarks	Sample # (lab only)
	-07
	-08
	-09
	-10
	-11
	-12
	-13
	-14
	-15
	-16

* Matrix:
 SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other

Remarks: Pace project service: Check for multiple coolers upon receipt.

pH _____ Temp _____
 Flow _____ Other _____

Sample Receipt Checklist

COC Seal Present/Intact:	NP	<input checked="" type="checkbox"/>	N
COC Signed/Accurate:		<input checked="" type="checkbox"/>	N
Bottles arrive intact:		<input checked="" type="checkbox"/>	N
Correct bottles used:		<input checked="" type="checkbox"/>	N
Sufficient volume sent:		<input checked="" type="checkbox"/>	N
If Applicable			
VOA Zero Headspace:		<input checked="" type="checkbox"/>	N
Preservation Correct/Checked:		<input checked="" type="checkbox"/>	N
RAD Screen <0.5 mR/hr:		<input checked="" type="checkbox"/>	N

Samples returned via: UPS FedEx Courier Tracking # **6357 9916 5212**

Relinquished by: (Signature) 	Date: 5.12.23	Time: 1030	Received by: (Signature)	Trip Blank Received: Yes/No HCL/MeOH TBR
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 5.1 °C MSA7 5.1 + 0.25.1
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) 	Date: 5/13/23 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	Analysis / Container / Preservative									

Chain of Custody Page 3 of 3

 PEOPLE ADVANCING SCIENCE
MT JULIET, TN

Report to:
Jodi Reynolds

Email To:
 jeffholm@sbglobal.net; jreyno10@wm.com

Project Description:
 Eco-Vista-GW-Feb, Mar, May, Jun, Aug, Sep, Nov, De

City/State Collected:

Please Circle:
 PT MT CT ET

Phone: **501-993-8966**


Client Project #
300

Lab Project #
WMECOVISAR-00005

Collected by (print):
Chris Fincher

Site/Facility ID #
AR03

P.O. #
11057634

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	CHLORIDE 125mIHDPE-NoPres	NH3 250mIHDPE-H2SO4										
LGW-6-DUP	Grab	GW	N/A	5.10.23	1420	2	X	X										
		GW				2	X	X										
		GW				2	X	X										
		GW				2	X	X										
		GW				2	X	X										

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/hubs/pas-standard-terms.pdf>

SDG # **L1616254**
 Table #
 Acctnum: **WMECOVISAR**
 Template: **T161046**
 Prelogin: **P994341**
 PM: **616 - Stacy Kennedy**
 PB: **4/21/23CAM**
 Shipped Via: **FedEX Ground**
 Remarks Sample # (lab only)

* Matrix:
 SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other

Remarks: Pace project service: Check for multiple coolers upon receipt.

pH _____ Temp _____
 Flow _____ Other _____

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

Samples returned via: UPS FedEx Courier
 Tracking # **6357 9916 5212**

Relinquished by: (Signature)


Date: **5.12.23**
 Time: **1030**

Received by: (Signature)

Trip Blank Received: Yes NO
 HCL / MeOH
 TBR

Relinquished by: (Signature)

Date: _____
 Time: _____

Received by: (Signature)

Temp: **5.1 °C** Bottles Received: **NSA7 5.1+0=5.1**

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date: _____
 Time: _____

Received for lab by: (Signature) **JFW**

Date: **5/23/23** Time: **9:00**

Hold: _____ Condition: **NCF / OK**

FIELD INFORMATION FORM



Site Name: EVLF
 Site No.:
 Sample Point: LGW-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:
21616254

PURGE INFO
 PURGE DATE: 05/11/23 PURGE TIME: 07:30 ELAPSED HRS:
(MM DD YY) (2400 Hr Clock) (hrs:min)
 WATER VOL IN CASING: ACTUAL VOL PURGED: WELL VOLs PURGED:
(Gallons) (Gallons)
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: or **Filter Device:** or 0.45 μ or μ (circle or fill in)
 Purging Device: A-Submersible Pump D-Bailer **Filter Type:** A-In-line Disposable C-Vacuum
 B-Peristaltic Pump E-Piston Pump B-Pressure X-Other
 Sampling Device: C-QED Bladder Pump F-Dipper/Bottle A-Teflon C-PVC X-Other:
 X-Other: Sample Tube Type: 0 B-Stainless Steel D-Polypropylene

WELL DATA
 Well Elevation (at TOC): (ft/msl) Depth to Water (DTW) (from TOC): 2077 (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	Rate/Unit	pH	Conductance	Temp.	Turbidity	D.O.	eH/ORP	DTW
	(2400 Hr Clock)		(std)	(μmhos/cm @ 25°C)	(°C)	(ntu)	(mg/L - ppm)	(mV)	(ft)
	07:35	200	6.13	518	17.1	3.4	7.8	162.2	71.55
	07:40	200	6.44	580	17.5	3.1	7.4	167.8	71.75
	07:45	200	6.44	586	17.5	3.1	4.7	171.8	71.85
	07:50	200	6.45	588	17.4	3.1	4.5	172.4	71.90
	07:55	200	6.45	588	17.4	3.4	4.3	173.1	71.9

Suggested range for 3 consec. readings or note Permit/State requirements: pH +/- 0.2, Conductance +/- 3%, Temp. --, Turbidity --, D.O. +/- 10%, eH/ORP +/- 25 mV, DTW 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: 05/11/23 pH: 6.45 CONDUCTANCE: 588 TEMP.: 17.4 TURBIDITY: 3.4 DO: 4.3 eH/ORP: 173.1 Other:
(MM DD YY) (std) (umhos/cm @ 25°C) (°C) (ntu) (mg/L-ppm) (mV) Units
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: 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):
5/11/23 C. Fincher [Signature] [Signature]
 Date Name Signature Company

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client

FIELD INFORMATION FORM



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:
21616254

PURGE INFO: 051023 | 16:35 | | | |
 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
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.

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 | A-Submersible Pump | D-Bailer | Filter Type: | A-In-line Disposable | C-Vacuum
 Sampling Device: C | B-Peristaltic Pump | E-Piston Pump | B-Pressure | X-Other:
 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) 53.75 (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.

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (μ mhos/cm @ 25°C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
16:40	200 1 st	6.69	1252	19.5	93	6.2	142.5	54.00
16:45	200 2 nd	5.58	1125	18.5	72	6.6	178.3	54.00
16:50	200 3 rd	5.23	1120	18.4	88	6.4	187.0	54.00
16:55	200 4 th	5.13	1119	18.5	118	6.4	188.8	54.0
17:00	200	5.11	1118	18.5	121	6.4	189.5	54.0
17:05	200	5.10	1118	18.5	90	6.4	190.2	54.0

Suggested range for 3 consec. readings or note Permit/State requirements:
 pH: +/- 0.2 | Conductance: +/- 3% | Temp: - | Turbidity: - | D.O.: +/- 10% | eH/ORP: +/- 25 mV | DTW: 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) 051023 | pH (std) 5.10 | CONDUCTANCE (umhos/cm @ 25°C) 1118 | TEMP. (°C) 18.5 | TURBIDITY (ntu) 90 | DO (mg/L-ppm) 6.4 | eH/ORP (mV) 190.2 | Other:
 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: Storms | 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):
5.10.23 | C. Engel | [Signature] | Perkins
 Date | Name | Signature | Company

FIELD INFORMATION FORM



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:
11616254

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
<u>051023</u>	<u>1555</u>	<u> </u> : <u> </u>	<u> </u>	<u> </u>	<u> </u>

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: C A- Submersible Pump D-Bailer Filter Type: A-In-line Disposable C-Vacuum

Sampling Device: C B-Peristaltic Pump E-Piston Pump B-Pressure X-Other:

X-Other: C-QED Bladder Pump F-Dipper/Bottle 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): 59.42 (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) (umhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
<u>16:00</u>	<u>200</u> 1 st	<u>6.80</u>	<u>747</u>	<u>17.9</u>	<u>5.5</u>	<u>6.3</u>	<u>1156.2</u>	<u>59.65</u>
<u>16:05</u>	<u>200</u> 2 nd	<u>6.39</u>	<u>773</u>	<u>17.8</u>	<u>4.8</u>	<u>1.2</u>	<u>1162.7</u>	<u>59.65</u>
<u>16:10</u>	<u>200</u> 3 rd	<u>6.29</u>	<u>772</u>	<u>17.6</u>	<u>4.6</u>	<u>0.5</u>	<u>1633</u>	<u>59.65</u>
<u>16:15</u>	<u>200</u> 4 th	<u>6.24</u>	<u>766</u>	<u>17.4</u>	<u>5.2</u>	<u>0.5</u>	<u>1640</u>	<u>59.65</u>
<u>16:20</u>	<u>200</u>	<u>6.21</u>	<u>767</u>	<u>17.4</u>	<u>5.6</u>	<u>0.6</u>	<u>1645</u>	<u>59.65</u>
<u>16:25</u>	<u>200</u>	<u>6.18</u>	<u>757</u>	<u>17.3</u>	<u>5.7</u>	<u>0.7</u>	<u>1651</u>	<u>59.65</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

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
<u>051023</u>	<u>6.18</u>	<u>757</u>	<u>17.3</u>	<u>5.7</u>	<u>0.7</u>	<u>1651</u>	<u> </u>

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):

5, 10, 23 C. Fincher [Signature] Ponnes

Date Name Signature Company

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client

FIELD INFORMATION FORM



Site Name: EVLF

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:
L1616254

Site No.: Sample Point: 2GW-5
Sample ID

PURGE INFO
 PURGE DATE (MM DD YY): 05/02/23 PURGE TIME (2400 Hr Clock): 15:15 ELAPSED HRS (hrs:min):
 WATER VOL IN CASING (Gallons): ACTUAL VOL PURGED (Gallons): WELL VOLS PURGED:

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: or N
 Purging Device: C A-Submersible Pump D-Bailer Filter Device: Y or 0.45 μ or μ (circle or fill in)
 Sampling Device: C B-Peristaltic Pump E-Piston Pump Filter Type: A-In-line Disposable C-Vacuum
 X-Other: C-QED Bladder Pump F-Dipper/Bottle Sample Tube Type: D A-Teflon C-PVC X-Other:
 B-Pressure X-Other: B-Stainless Steel D-Polypropylene

WELL DATA
 Well Elevation (at TOC) (ft/msl) Depth to Water (DTW) (from TOC) 69.74 (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.

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (umhos/cm @ 25°C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
15:20	200 1"	6.54	1657	20.4	33	5.5	177.5	69.75
15:25	200 2"	6.18	1689	19.9	34	3.0	182.7	69.75
15:30	200 3"	6.02	1703	19.9	34	2.1	183.1	69.75
15:35	200 4"	5.90	726	21.6	35	1.3	183.3	69.75
15:40	200	5.97	727	21.3	34	1.1	183.0	69.75
15:45	200	5.99	727	21.1	34	0.9	183.0	69.75

Suggested range for 3 consec. readings or note Permit/State requirements: pH +/- 0.2, Conductance +/- 3%, D.O. +/- 10%, eH/ORP +/- 25 mV, DTW 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): 05/10/23 pH (std): 5.99 CONDUCTANCE (umhos/cm @ 25°C): 727 TEMP. (°C): 21.1 TURBIDITY (ntu): 34 DO (mg/L-ppm): 0.9 eH/ORP (mV): 178.30 Other:
 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: 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):
5/10/23 C. Finner [Signature] Promus
 Date Name Signature Company

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client

FIELD INFORMATION FORM



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:
61616254

PURGE INFO
 PURGE DATE: 05/10/23 PURGE TIME: 13:45 ELAPSED HRS:
(MM DD YY) (2400 Hr Clock) (hrs:min)
 WATER VOL IN CASING: ACTUAL VOL PURGED: WELL VOLS PURGED:
(Gallons) (Gallons)
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: or
 Purging Device: C A- Submersible Pump D-Bailer
 Sampling Device: C B-Peristaltic Pump E-Piston Pump
 X-Other: C-QED Bladder Pump F-Dipper/Bottle
 Filter Device: Y or 0.45 μ or μ (circle or fill in)
 Filter Type: A-In-line Disposable C-Vacuum
 B-Pressure X-Other:
 Sample Tube Type: 0 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): 4978 (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)
13:50	200 1 st	7.31	629	18.8	3.7	2.7	174.6	49.8
13:55	200 2 nd	6.40	674	18.6	3.7	10.8	175.6	49.8
14:00	200 3 rd	6.21	683	18.5	3.8	10.5	175.5	49.8
14:05	200 4 th	6.14	684	18.5	3.5	10.4	175.3	49.8
14:10	200	6.12	685	18.4	3.6	10.3	175.3	49.8
14:15	200	6.10	686	18.3	3.6	10.3	175.2	49.8
:								
:								
:								
:								

Suggested range for 3 consec. readings or note Permit/State requirements: pH +/- 0.2, Conductance +/- 3%, D.O. +/- 10%, eH/ORP +/- 25 mV, DTW 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): 05/10/23 pH (std): 6.10 CONDUCTANCE (umhos/cm @ 25°C): 686 TEMP. (°C): 18.3 TURBIDITY (ntu): 3.6 DO (mg/L-ppm): 0.3 eH/ORP (mV): 175.2 Other:
 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
Dup @ 1420

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):
5.10.23 C. Finck [Signature] Pomies
 Date Name Signature Company

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client

FIELD INFORMATION FORM



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:
21616254

PURGE INFO
 PURGE DATE: 05/10/23 PURGE TIME: 13:00 ELAPSED HRS:
 WATER VOL IN CASING: ACTUAL VOL PURGED: WELL VOLS PURGED:
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 D-Bailer
 Sampling Device: C B-Peristaltic Pump E-Piston Pump
 X-Other: C-QED Bladder Pump F-Dipper/Bottle
 Filter Device: Y or N 0.45 μ or μ (circle or fill in)
 Filter Type: A-In-line Disposable C-Vacuum
 B-Pressure 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): 4213 (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.

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 1 st	6.65	567	19.7	3.9	5.7	161.4	42.85
13:10	200 2 nd	6.68	492	19.6	4.1	3.6	162.5	42.85
13:15	200 3 rd	6.52	537	19.8	3.9	3.0	167.0	42.85
13:20	200 4 th	6.43	565	19.6	3.8	2.7	169.7	42.85
13:25	200	6.41	575	19.4	3.8	2.5	170.6	42.85
13:30	200	6.39	582	19.3	3.8	2.4	171.6	42.85

Suggested range for 3 consec. readings or note Permit/State requirements: pH +/- 0.2, Conductance +/- 3%, Temp. -, Turbidity -, D.O. +/- 10%, eH/ORP +/- 25 mV, DTW Stabilize

Stabilization Data Fields are Optional (i.e. complete stabilization readings for parameters required by W.M. 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
Final Field Readings are required	<u>05/10/23</u>	<u>6.39</u>	<u>582</u>	<u>19.3</u>	<u>3.8</u>	<u>2.4</u>	<u>171.6</u>	<u> </u>

(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):

I certify that sampling procedures were in accordance with applicable EPA, State, and W.M. protocols (if more than one sampler, all should sign):
5/10/23 C. Fincher
 Date Name Signature Company

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client

FIELD INFORMATION FORM



Site Name: EVLF
 Site No.:
 Sample Point: 2GW-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:
L1616254

PURGE INFO
 PURGE DATE: 05/02/23 (MM DD YY)
 PURGE TIME: 12:25 (2400 Hr Clock)
 ELAPSED HRS: (hrs:min)
 WATER VOL IN CASING: (Gallons)
 ACTUAL VOL PURGED: (Gallons)
 WELL VOLS PURGED:

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: or N
 Purging Device: C A-Submersible Pump D-Bailer
 Sampling Device: C B-Peristaltic Pump E-Piston Pump
 X-Other: C-QED Bladder Pump F-Dipper/Bottle
 Filter Device: Y or 0.45 μ or μ (circle or fill in)
 Filter Type: A-In-line Disposable C-Vacuum
 B-Pressure 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): 10.12 (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)
		<u>12:30</u>	<u>200</u> 1 st	<u>6.26</u>	<u>729</u>	<u>17.4</u>	<u>36</u>	<u>2.1</u>	<u>1718</u>
	<u>12:35</u>	<u>200</u> 2 nd	<u>6.30</u>	<u>727</u>	<u>17.1</u>	<u>35</u>	<u>0.8</u>	<u>1733</u>	<u>10.25</u>
	<u>12:40</u>	<u>200</u> 3 rd	<u>6.24</u>	<u>728</u>	<u>17.1</u>	<u>35</u>	<u>0.5</u>	<u>1736</u>	<u>10.25</u>
	<u>12:45</u>	<u>200</u> 4 th	<u>6.23</u>	<u>729</u>	<u>16.9</u>	<u>35</u>	<u>0.4</u>	<u>1739</u>	<u>10.25</u>

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): 05/02/23
 pH (std): 6.23
 CONDUCTANCE (μmhos/cm @ 25°C): 729
 TEMP. (°C): 16.9
 TURBIDITY (ntu): 3.5
 DO (mg/L-ppm): 0.4
 eH/ORP (mV): 1739
 Other: Units:

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):

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):
5/10/23 C. Fincher [Signature] PBORNS
 Date Name Signature Company

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client

FIELD INFORMATION FORM



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:
LG16254

PURGE INFO
 PURGE DATE (MM DD YY): 05/10/23
 PURGE TIME (2400 Hr Clock): 11:45
 ELAPSED HRS (hrs:min):
 WATER VOL IN CASING (Gallons):
 ACTUAL VOL PURGED (Gallons):
 WELL VOLs PURGED:

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: or
 Filter Device: or 0.45 μ or μ (circle or fill in)
 Purging Device: A-Submersible Pump D-Bailer
 Sampling Device: B-Peristaltic Pump E-Piston Pump
 X-Other: C-QED Bladder Pump F-Dipper/Bottle
 Filter Type: A-In-line Disposable C-Vacuum
 B-Pressure 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): 5350 (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) (umhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
11:50	200 1 st	6.50	690	17.4	3.9	6.8	173.7	54.40
11:55	200 2 nd	6.00	760	17.6	3.7	0.8	184.8	54.45
12:00	200 3 rd	6.00	764	17.5	3.7	0.6	184.6	54.50
12:05	200 4 th	5.99	765	17.4	3.6	0.5	184.5	54.5
12:10	200	5.99	766	17.4	3.7	0.5	184.4	54.55

Suggested range for 3 consec. readings or note Permit/State requirements:
 pH: +/- 0.2 Conductance: +/- 3% Temp: - Turbidity: - D.O.: +/- 10% eH/ORP: +/- 25 mV DTW: 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): 05/10/23
 pH (std): 5.99
 CONDUCTANCE (umhos/cm @ 25°C): 766
 TEMP. (°C): 17.4
 TURBIDITY (ntu): 3.7
 DO (mg/L-ppm): 0.5
 eH/ORP (mV): 184.4
 Other:
 Units:

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):
5/10/23 C. Finlar [Signature] Proamus
 Date Name Signature Company

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client

FIELD INFORMATION FORM



Site Name: EVLF
 Site No.:
 Sample Point: LGW-110
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:
11616254

PURGE INFO
 PURGE DATE (MM DD YY): 05/10/23
 PURGE TIME (2400 Hr Clock): 17:15
 ELAPSED HRS (hrs:min):
 WATER VOL IN CASING (Gallons):
 ACTUAL VOL PURGED (Gallons):
 WELL VOLS PURGED:

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: C A-Submersible Pump D-Bailer Filter Type: A-In-line Disposable C-Vacuum
 Sampling Device: C B-Peristaltic Pump E-Piston Pump B-Pressure X-Other:
 X-Other: C-QED Bladder Pump F-Dipper/Bottle A-Teflon C-PVC X-Other:
 Sample Tube Type: 0 B-Stainless Steel D-Polypropylene

WELL DATA
 Well Elevation (at TOC): (ft/msl) Depth to Water (DTW) (from TOC): 59.15 (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) (umhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
17:20	200 1 st	6.38	803	17.9	1.04	3.8	189.9	59.85
17:25	200 2 nd	6.06	874	17.7	6.7	0.8	189.7	60.45
17:30	200 3 rd	5.99	876	17.7	5.2	0.6	189.7	60.50
17:35	200 4 th	5.97	878	17.8	5.0	0.5	189.6	60.55

Suggested range for 3 consec. readings or note Permit/State requirements:
 pH: +/- 0.2 Conductance: +/- 3% Temp: -- Turbidity: -- D.O.: +/- 10% eH/ORP: +/- 25 mV DTW: 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): 05/10/23
 pH (std): 5.97
 CONDUCTANCE (umhos/cm @ 25°C): 878
 TEMP. (°C): 17.8
 TURBIDITY (ntu): 5.0
 DO (mg/L-ppm): 0.5
 eH/ORP (mV): 189.6
 Other:
 Units:

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: 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):
5, 10, 23 C. Fischer [Signature] [Signature]
 Date Name Signature Company

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client

FIELD INFORMATION FORM



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:
11616254

PURGE INFO: 051023 | 1430 | | | |
 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
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.

PURGESAMPLE EQUIPMENT: Purging and Sampling Equipment ... Dedicated: or N
 Purging Device: C | A- Submersible Pump | D-Bailer | Filter Device: Y or | 0.45 μ or μ (circle or fill in)
 Sampling Device: C | B-Peristaltic Pump | E-Piston Pump | Filter Type: | A-In-line Disposable | C-Vacuum
 X-Other: | C-QED Bladder Pump | F-Dipper/Bottle | Sample Tube Type: | B-Pressure | X-Other:
 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) 5572 (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)
		<u>14:35</u>	<u>200</u>	<u>7.03</u>	<u>499</u>	<u>18.6</u>	<u>8.4</u>	<u>17.5</u>	<u>152.4</u>
	<u>14:40</u>	<u>200</u>	<u>6.74</u>	<u>543</u>	<u>18.6</u>	<u>3.3</u>	<u>5.3</u>	<u>156.6</u>	<u>58.00</u>
	<u>14:45</u>	<u>200</u>	<u>6.64</u>	<u>544</u>	<u>19.0</u>	<u>3.1</u>	<u>5.0</u>	<u>157.8</u>	<u>58.35</u>
	<u>14:50</u>	<u>200</u>	<u>6.65</u>	<u>545</u>	<u>18.4</u>	<u>2.9</u>	<u>4.8</u>	<u>159.6</u>	<u>58.55</u>
	<u>14:55</u>	<u>200</u>	<u>6.62</u>	<u>545</u>	<u>18.5</u>	<u>2.8</u>	<u>4.7</u>	<u>159.9</u>	<u>58.60</u>
	<u>15:00</u>	<u>200</u>	<u>6.61</u>	<u>545</u>	<u>18.2</u>	<u>2.9</u>	<u>4.7</u>	<u>160.1</u>	<u>58.60</u>
	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Suggested range for 3 consec. readings or note Permit/State requirements: pH +/- 0.2 | Conductance +/- 3% | Temp. -- | Turbidity -- | D.O. +/- 10% | eH/ORP +/- 25 mV | DTW 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) 051023 | pH (std) 6.61 | CONDUCTANCE (umhos/cm @ 25°C) 545 | TEMP. (°C) 18.2 | TURBIDITY (ntu) 2.9 | DO (mg/L-ppm) 4.7 | eH/ORP (mV) 160.1 | Other:
 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: 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):
5.10.23 | C. Fischer | |
 Date | Name | Signature | Company

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client

FIELD INFORMATION FORM



Site Name: EVLF
 Site No.:
 Sample Point: nw-7M
 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:
L1616254

PURGE INFO
 PURGE DATE (MM DD YY): 05/10/23
 PURGE TIME (2400 Hr Clock): 11:00
 ELAPSED HRS (hrs-min):
 WATER VOL IN CASING (Gallons):
 ACTUAL VOL PURGED (Gallons):
 WELL VOLS PURGED:

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: or N
 Filter Device: Y or N | 0.45 μ or μ (circle or fill in)
 Purging Device: C | A-Submersible Pump | D-Bailer | Filter Type: | A-In-line Disposable | C-Vacuum
 Sampling Device: C | B-Peristaltic Pump | E-Piston Pump | B-Pressure | X-Other:
 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): 8516 (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 1 st	8.09	589	18.0	6.61	8.9	167.2	85.45
11:10	200 2 nd	7.27	585	17.8	4.0	7.7	168.2	85.45
11:15	200 3 rd	6.65	590	17.8	3.9	5.5	172.6	85.45
11:20	200 4 th	6.49	589	17.8	3.9	4.4	174.9	85.45
11:25	200	6.46	589	17.9	3.7	4.2	175.5	85.45
11:30	200	6.45	588	17.9	3.5	4.0	175.9	85.45

Suggested range for 3 consec. readings or note Permit/State requirements:
 pH: +/- 0.2 | Conductance: +/- 3% | Temp: - | Turbidity: - | D.O.: +/- 10% | eH/ORP: +/- 25 mV | DTW: 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
05/10/23	6.45	588	17.9	3.5	4.0	175.9	

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):

5/10/23 | C. Finley | [Signature] | Praxis
 Date | Name | Signature | Company

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client

FIELD INFORMATION FORM



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:
L161 6254

PURGE INFO
 PURGE DATE: 05/11/23 PURGE TIME: 06:50 ELAPSED HRS:
(MM DD YY) (2400 Hr Clock) (hrs:min)
 WATER VOL IN CASING: ACTUAL VOL PURGED: WELL VOLs PURGED:
(Gallons) (Gallons)
 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: C A-Submersible Pump D-Bailer Filter Type: A-In-line Disposable C-Vacuum
 B-Peristaltic Pump E-Piston Pump B-Pressure X-Other
 Sampling Device: C C-QED Bladder Pump F-Dipper/Bottle Sample Tube Type: D A-Teflon C-PVC X-Other
 X-Other: B-Stainless Steel D-Polypropylene

WELL DATA
 Well Elevation (at TOC): (ft/msl) Depth to Water (DTW) (from TOC): 58.18 (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	Rate/Unit	pH	Conductance	Temp.	Turbidity	D.O.	eH/ORP	DTW
	(2400 Hr Clock)		(std)	(μ mhos/cm @ 25°C)	(°C)	(ntu)	(mg/L - ppm)	(mV)	(ft)
	06:55	200 1"	6.30	524	16.2	3.4	6.8	175.4	58.2
	07:00	200 2"	6.27	501	16.2	3.2	6.2	178.7	58.2
	07:05	200 3"	6.19	497	16.2	2.9	6.3	179.4	58.2
	07:10	200 4"	6.18	494	16.3	2.8	6.2	180.2	58.2
<small>Suggested range for 3 consec. readings or note Permit/State requirements:</small>			+/- 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	pH	CONDUCTANCE	TEMP.	TURBIDITY	DO	eH/ORP	Other:
	(MM DD YY)	(std)	(μ mhos/cm @ 25°C)	(°C)	(ntu)	(mg/L - ppm)	(mV)	Units
	05/11/23	6.18	494	16.3	2.8	6.2	180.2	

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).

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):
5/11/23 L. Fisher
 Date Name Signature Company

FIELD INFORMATION FORM



Site Name: EVLF
 Site No.:
 Sample Point: NW-116
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:
L1616254

PURGE INFO
 PURGE DATE: 05/11/23 PURGE TIME: 06:15 ELAPSED HRS:
(MM DD YY) (2400 Hr Clock) (hrs:min)
 WATER VOL IN CASING: ACTUAL VOL PURGED: WELL VOLS PURGED:
(Gallons) (Gallons)
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 D-Bailer
 B-Peristaltic Pump E-Piston Pump
 Sampling Device: C C-QED Bladder Pump F-Dipper/Bottle
 X-Other:
 Filter Device: Y or N 0.45 μ or μ (circle or fill in)
 Filter Type:
 Sample Tube Type: D
 A-In-line Disposable C-Vacuum
 B-Pressure X-Other:
 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): 69.18 (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) (umhos/cm @ 25°C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
		<u>06:20</u>	<u>200</u> 1 st	<u>6.96</u> 1 st	<u>347</u> 1 st	<u>16.7</u>	<u>5.4</u>	<u>7.3</u>	<u>1650</u>
	<u>06:25</u>	<u>200</u> 2 nd	<u>6.97</u> 2 nd	<u>342</u> 2 nd	<u>16.5</u>	<u>3.5</u>	<u>6.0</u>	<u>1675</u>	<u>70.85</u>
	<u>06:30</u>	<u>200</u> 3 rd	<u>6.95</u> 3 rd	<u>344</u> 3 rd	<u>16.5</u>	<u>3.6</u>	<u>6.0</u>	<u>1681</u>	<u>70.95</u>
	<u>06:35</u>	<u>200</u> 4 th	<u>6.95</u> 4 th	<u>346</u> 4 th	<u>16.5</u>	<u>3.4</u>	<u>5.9</u>	<u>1686</u>	<u>71.05</u>

Suggested range for 3 consec. readings or note Permit/State requirements:
 pH: +/- 0.2 Conductance: +/- 3% Temp: - Turbidity: - D.O.: +/- 10% eH/ORP: +/- 25 mV DTW: 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): 05/11/23 pH (std): 6.95 CONDUCTANCE (umhos/cm @ 25°C): 346 TEMP. (°C): 16.5 TURBIDITY (ntu): 3.4 DO (mg/L-ppm): 5.9 eH/ORP (mV): 1686 Other: Units:
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): 60s Direction/Speed: Calm Outlook: Rainy 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):
5/11/23 C. Fincher [Signature] Promus
 Date Name Signature Company

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client

FIELD INFORMATION FORM



Site Name: EVLF

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:
L161 6254

Site No.:
 Sample Point: MW-17
Sample ID

PURGE INFO
 PURGE DATE: 05/02/23 (MM DD YY)
 PURGE TIME: 09:30 (2400 Hr Clock)
 ELAPSED HRS: (hrs:min)
 WATER VOL IN CASING: (Gallons)
 ACTUAL VOL PURGED: (Gallons)
 WELL VOL PURGED: (ft)

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vol 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: A A-Submersible Pump D-Bailer
 Filter Type: A-In-line Disposable C-Vacuum
 Sampling Device: A B-Peristaltic Pump E-Piston Pump
 X-Other: B-Pressure X-Other:
 C-QED Bladder Pump F-Dipper/Bottle
 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): 5973 (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 State/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	350 1 st	6.14	498	17.2	1980	4.7	187.2	59.8
09:40	350 2 nd	6.18	389	17.7	2560	6.6	193.0	59.8
09:45	350 3 rd	6.17	386	17.7	963.1	6.9	196.6	59.8
09:50	350 4 th	6.54	337	17.6	167.4	7.4	195.8	59.8
09:55	350	6.37	333	17.6	123.3	7.6	196.4	59.8
10:00	350	6.27	345	17.7	247.6	7.4	195.4	59.8
10:05	350	6.18	334	17.8	150.2	7.4	195.0	59.8
10:10	350	6.14	331	17.9	90.5	7.5	194.0	59.8
10:15	350	6.16	327	17.8	50.7	7.6	193.2	59.8
10:20	350	6.18	320	17.8	18.9	7.6	192.6	59.8

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): 05/02/23 pH (std): 6.18 CONDUCTANCE (umhos/cm @ 25°C): 320 TEMP. (°C): 17.8 TURBIDITY (ntu): 189 DO (mg/L-ppm): 7.6 eH/ORP (mV): 192.6 Other: Units:

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): Cloudy, W Direction/Speed: E @ 10-15 mph Outlook: Forecasted Rain Precipitation: Y or X
 Specific Comments (including purge/well volume calculations if required):

FIELD COMMENTS
FB @ 0945

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):
5, 10, 23 C. Fincher [Signature] Proton S
 Date Name Signature Company

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client

ORIGINAL COPY

FIELD INFORMATION FORM



Site Name: EVLF

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:
L161 6254

Site No.:
 Sample Point: MW-19
Sample ID

PURGE INFO
 PURGE DATE: 05/10/23 PURGE TIME: 17:45 ELAPSED HRS:
(MM DD YY) (2400 Hr Clock) (hrs:min)
 WATER VOL IN CASING: ACTUAL VOL PURGED: WELL VOLS PURGED:
(Gallons) (Gallons)
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: C A- Submersible Pump D-Bailer
 B-Peristaltic Pump E-Piston Pump
 Sampling Device: C C-QED Bladder Pump F-Dipper/Bottle
 Filter Type: A-In-line Disposable C-Vacuum
 B-Pressure X-Other
 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): 67.75 (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.

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (umhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
17:50	200 1 st	6.00	609	18.9	8.0	3.6	168.5	67.90
17:55	200 2 nd	6.26	415	19.3	5.2	5.7	168.8	67.95
18:00	200 3 rd	6.48	344	19.5	4.9	4.8	167.3	68.0
18:05	200 4 th	6.51	340	19.4	5.2	4.6	166.8	68.0
18:10	200	6.51	337	19.5	4.7	4.4	166.1	68.0

Suggested range for 3 consec. readings or note Permit/State requirements: pH +/- 0.2, Conductance +/- 3%, Temp. --, Turbidity --, D.O. +/- 10%, eH/ORP +/- 25 mV, DTW 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: 05/10/23 pH: 6.51 CONDUCTANCE: 337 TEMP.: 19.5 TURBIDITY: 4.7 DO: 4.4 eH/ORP: 166.1 Other:
(MM DD YY) (std) (umhos/cm @ 25 °C) (°C) (ntu) (mg/L-ppm) (mV) Units
 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: 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):
5/10/23 C. Fincher [Signature] Proamus
Date Name Signature Company

DISTRIBUTION: WHITE/ORIGINAL - Stays with Sample, YELLOW - Returned to Client

Eco-Vista (Tontitown)LF

Sample Delivery Group: L1614728
Samples Received: 05/10/2023
Project Number: 300
Description: Eco-Vista-GW-Feb, Mar, May, Jun, Aug, Sep, Nov, Dec
Site: AR03
Report To: Jodi Reynolds
88 Joyce Lane
Russellville, AR 72801

Entire Report Reviewed By:



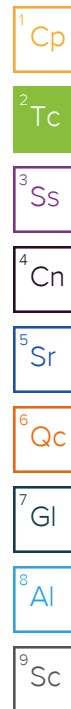
Stacy Kennedy
Project Manager

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 National12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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SAMPLE SUMMARY

LCS-1 L1614728-01 GW

Collected by
Chris Fincher

Collected date/time
05/09/23 10:00

Received date/time
05/10/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2058035	500	05/11/23 12:14	05/11/23 12:14	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2062162	100	05/18/23 11:05	05/18/23 11:05	LBR	Mt. Juliet, TN

1 Cp

2 Tc

3 Ss

LCS-2 L1614728-02 GW

Collected by
Chris Fincher

Collected date/time
05/09/23 10:30

Received date/time
05/10/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2058035	500	05/11/23 12:15	05/11/23 12:15	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2062162	100	05/18/23 11:14	05/18/23 11:14	LBR	Mt. Juliet, TN

4 Cn

5 Sr

6 Qc

LCS-3 L1614728-03 GW

Collected by
Chris Fincher

Collected date/time
05/09/23 11:00

Received date/time
05/10/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2058035	500	05/11/23 12:17	05/11/23 12:17	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2062162	100	05/18/23 11:23	05/18/23 11:23	LBR	Mt. Juliet, TN

7 Gl

8 Al

9 Sc

LCS-4 L1614728-04 GW

Collected by
Chris Fincher

Collected date/time
05/09/23 11:30

Received date/time
05/10/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2058035	500	05/11/23 12:18	05/11/23 12:18	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2062162	100	05/18/23 11:33	05/18/23 11:33	LBR	Mt. Juliet, TN

LCS-5 L1614728-05 GW

Collected by
Chris Fincher

Collected date/time
05/09/23 12:00

Received date/time
05/10/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2058035	500	05/11/23 12:20	05/11/23 12:20	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2062162	100	05/18/23 11:42	05/18/23 11:42	LBR	Mt. Juliet, TN

LCS-6 L1614728-06 GW

Collected by
Chris Fincher

Collected date/time
05/09/23 12:30

Received date/time
05/10/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2058035	500	05/11/23 12:21	05/11/23 12:21	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2062162	100	05/18/23 11:52	05/18/23 11:52	LBR	Mt. Juliet, TN

LCS-7 L1614728-07 GW

Collected by
Chris Fincher

Collected date/time
05/09/23 13:00

Received date/time
05/10/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2058036	500	05/11/23 12:42	05/11/23 12:42	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2062162	100	05/18/23 12:01	05/18/23 12:01	LBR	Mt. Juliet, TN

SAMPLE SUMMARY

LCS-8 L1614728-08 GW

Collected by Chris Fincher Collected date/time 05/09/23 13:30 Received date/time 05/10/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2058036	200	05/11/23 12:43	05/11/23 12:43	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2062162	100	05/18/23 12:30	05/18/23 12:30	LBR	Mt. Juliet, TN

1
Cp

2
Tc

3
Ss

LCS-9 L1614728-09 GW

Collected by Chris Fincher Collected date/time 05/09/23 14:00 Received date/time 05/10/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2058036	200	05/11/23 12:45	05/11/23 12:45	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2062162	100	05/18/23 12:40	05/18/23 12:40	LBR	Mt. Juliet, TN

4
Cn

5
Sr

6
Qc

LCS-10 L1614728-10 GW

Collected by Chris Fincher Collected date/time 05/09/23 14:30 Received date/time 05/10/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2058036	200	05/11/23 12:46	05/11/23 12:46	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2062162	100	05/18/23 12:49	05/18/23 12:49	LBR	Mt. Juliet, TN

7
Gl

8
Al

9
Sc

LCS-11 L1614728-11 GW

Collected by Chris Fincher Collected date/time 05/09/23 15:00 Received date/time 05/10/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2058036	500	05/11/23 12:48	05/11/23 12:48	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2062162	100	05/18/23 13:28	05/18/23 13:28	LBR	Mt. Juliet, TN

LCS-12 L1614728-12 GW

Collected by Chris Fincher Collected date/time 05/09/23 15:30 Received date/time 05/10/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2058036	200	05/11/23 12:49	05/11/23 12:49	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2062162	100	05/18/23 13:37	05/18/23 13:37	LBR	Mt. Juliet, TN

LDS-1 L1614728-13 GW

Collected by Chris Fincher Collected date/time 05/09/23 10:15 Received date/time 05/10/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2058036	5	05/11/23 12:51	05/11/23 12:51	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2062162	100	05/18/23 13:47	05/18/23 13:47	LBR	Mt. Juliet, TN

LDS-2 L1614728-14 GW

Collected by Chris Fincher Collected date/time 05/09/23 10:45 Received date/time 05/10/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2058036	1	05/11/23 12:52	05/11/23 12:52	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2062162	1	05/18/23 13:56	05/18/23 13:56	LBR	Mt. Juliet, TN

SAMPLE SUMMARY

LDS-3 L1614728-15 GW

Collected by
Chris Fincher

Collected date/time
05/09/23 11:15

Received date/time
05/10/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2058036	100	05/11/23 13:01	05/11/23 13:01	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2062162	100	05/18/23 14:25	05/18/23 14:25	LBR	Mt. Juliet, TN

1 Cp

2 Tc

3 Ss

LDS-4 L1614728-16 GW

Collected by
Chris Fincher

Collected date/time
05/09/23 11:45

Received date/time
05/10/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2058036	200	05/11/23 13:04	05/11/23 13:04	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2062162	100	05/18/23 14:34	05/18/23 14:34	LBR	Mt. Juliet, TN

4 Cn

5 Sr

6 Qc

LDS-5 L1614728-17 GW

Collected by
Chris Fincher

Collected date/time
05/09/23 12:15

Received date/time
05/10/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2058036	500	05/11/23 13:06	05/11/23 13:06	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2062162	100	05/18/23 14:44	05/18/23 14:44	LBR	Mt. Juliet, TN

7 Gl

8 Al

9 Sc

LDS-6 L1614728-18 GW

Collected by
Chris Fincher

Collected date/time
05/09/23 12:45

Received date/time
05/10/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2058036	50	05/11/23 13:07	05/11/23 13:07	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2062162	100	05/18/23 14:54	05/18/23 14:54	LBR	Mt. Juliet, TN

LDS-7 L1614728-19 GW

Collected by
Chris Fincher

Collected date/time
05/09/23 13:15

Received date/time
05/10/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2058036	200	05/11/23 13:09	05/11/23 13:09	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2062162	100	05/18/23 15:03	05/18/23 15:03	LBR	Mt. Juliet, TN

LDS-8 L1614728-20 GW

Collected by
Chris Fincher

Collected date/time
05/09/23 13:45

Received date/time
05/10/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2058036	50	05/11/23 13:10	05/11/23 13:10	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2062162	1	05/18/23 15:13	05/18/23 15:13	LBR	Mt. Juliet, TN

LDS-9 L1614728-21 GW

Collected by
Chris Fincher

Collected date/time
05/09/23 14:15

Received date/time
05/10/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2058036	20	05/11/23 13:12	05/11/23 13:12	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2062165	1	05/18/23 15:37	05/18/23 15:37	LBR	Mt. Juliet, TN

SAMPLE SUMMARY

LDS-10 L1614728-22 GW

Collected by: Chris Fincher
 Collected date/time: 05/09/23 14:45
 Received date/time: 05/10/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2058036	200	05/11/23 13:18	05/11/23 13:18	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2062165	100	05/18/23 15:50	05/18/23 15:50	LBR	Mt. Juliet, TN

LDS-11 L1614728-23 GW

Collected by: Chris Fincher
 Collected date/time: 05/09/23 15:15
 Received date/time: 05/10/23 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2058036	500	05/11/23 13:19	05/11/23 13:19	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2062165	100	05/18/23 16:04	05/18/23 16:04	LBR	Mt. Juliet, TN

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

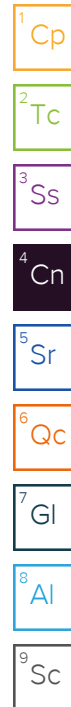
⁹Sc

CASE NARRATIVE

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
WG2058035	350.1	L1614728-01, 02, 03, 04, 05, 06
WG2058036	350.1	L1614728-07, 08, 09, 10, 11, 12, 15, 16, 17, 18, 22, 23

Wet Chemistry by Method 9056A

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

Batch	Lab Sample ID	Analytes
WG2062162	(MS) R3926938-4, (MSD) R3926938-5, L1614728-10	Chloride
WG2062165	(MS) R3928881-7, (MSD) R3928881-8	Chloride

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

Analyte	Result	Units
pH (On Site)	9.19	su
Specific Conductance (on site)	17593	umhos/cm
Temperature (on-site)	29.2	Deg. C
Turbidity (on-site)	86.42	NTU
Dissolved Oxygen (on-site)	3.01	mg/l
eH/ORP (On Site)	142.7	mV

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	1440		15.8	500	05/11/2023 12:14	WG2058035

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	1810		5.19	100	05/18/2023 11:05	WG2062162

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

Analyte	Result	Units
pH (On Site)	7.88	su
Specific Conductance (on site)	14299	umhos/cm
Temperature (on-site)	32.8	Deg. C
Turbidity (on-site)	39.87	NTU
Dissolved Oxygen (on-site)	3.2	mg/l
eH/ORP (On Site)	146.5	mV

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	956		15.8	500	05/11/2023 12:15	WG2058035

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	1380		5.19	100	05/18/2023 11:14	WG2062162

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

Analyte	Result	Units
pH (On Site)	8.14	su
Specific Conductance (on site)	10410	umhos/cm
Temperature (on-site)	34.2	Deg. C
Turbidity (on-site)	25.52	NTU
Dissolved Oxygen (on-site)	2.05	mg/l
eH/ORP (On Site)	142.6	mV

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	613		15.8	500	05/11/2023 12:17	WG2058035

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	921		5.19	100	05/18/2023 11:23	WG2062162

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

Analyte	Result	Units
pH (On Site)	8.84	su
Specific Conductance (on site)	19485	umhos/cm
Temperature (on-site)	31.4	Deg. C
Turbidity (on-site)	25.59	NTU
Dissolved Oxygen (on-site)	0.31	mg/l
eH/ORP (On Site)	131.9	mV

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	1390		15.8	500	05/11/2023 12:18	WG2058035

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	1720		5.19	100	05/18/2023 11:33	WG2062162

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

Analyte	Result	Units
pH (On Site)	12.84	su
Specific Conductance (on site)	31447	umhos/cm
Temperature (on-site)	32.5	Deg. C
Turbidity (on-site)	272.4	NTU
Dissolved Oxygen (on-site)	0.52	mg/l
eH/ORP (On Site)	80.4	mV

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	2610		15.8	500	05/11/2023 12:20	WG2058035

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	2850		5.19	100	05/18/2023 11:42	WG2062162

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

Analyte	Result	Units
pH (On Site)	8.48	su
Specific Conductance (on site)	20209	umhos/cm
Temperature (on-site)	35	Deg. C
Turbidity (on-site)	17.92	NTU
Dissolved Oxygen (on-site)	1.52	mg/l
eH/ORP (On Site)	113.1	mV

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	1350		15.8	500	05/11/2023 12:21	WG2058035

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	1720		5.19	100	05/18/2023 11:52	WG2062162

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

Analyte	Result	Units
pH (On Site)	8.43	su
Specific Conductance (on site)	21192	umhos/cm
Temperature (on-site)	30.6	Deg. C
Turbidity (on-site)	308.4	NTU
Dissolved Oxygen (on-site)	1.94	mg/l
eH/ORP (On Site)	125.7	mV

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	1410		15.8	500	05/11/2023 12:42	WG2058036

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	2140		5.19	100	05/18/2023 12:01	WG2062162

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

Analyte	Result	Units
pH (On Site)	7.95	su
Specific Conductance (on site)	11712	umhos/cm
Temperature (on-site)	36.5	Deg. C
Turbidity (on-site)	1056.63	NTU
Dissolved Oxygen (on-site)	2.19	mg/l
eH/ORP (On Site)	131.5	mV

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	723		6.34	200	05/11/2023 12:43	WG2058036

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	917		5.19	100	05/18/2023 12:30	WG2062162

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

Analyte	Result	Units
pH (On Site)	9.25	su
Specific Conductance (on site)	18701	umhos/cm
Temperature (on-site)	31.1	Deg. C
Turbidity (on-site)	40.6	NTU
Dissolved Oxygen (on-site)	0.69	mg/l
eH/ORP (On Site)	118.7	mV

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	1240		6.34	200	05/11/2023 12:45	WG2058036

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	1640		5.19	100	05/18/2023 12:40	WG2062162

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

Analyte	Result	Units
pH (On Site)	8.53	su
Specific Conductance (on site)	23560	umhos/cm
Temperature (on-site)	35.7	Deg. C
Turbidity (on-site)	345.71	NTU
Dissolved Oxygen (on-site)	1.09	mg/l
eH/ORP (On Site)	117.6	mV

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	1710		6.34	200	05/11/2023 12:46	WG2058036

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	2190	<u>V</u>	5.19	100	05/18/2023 12:49	WG2062162

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

Analyte	Result	Units
pH (On Site)	9.98	su
Specific Conductance (on site)	11708	umhos/cm
Temperature (on-site)	33.3	Deg. C
Turbidity (on-site)	1117.41	NTU
Dissolved Oxygen (on-site)	1.78	mg/l
eH/ORP (On Site)	131.6	mV

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	1620		15.8	500	05/11/2023 12:48	WG2058036

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	1890		5.19	100	05/18/2023 13:28	WG2062162

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

Analyte	Result	Units
pH (On Site)	11.19	su
Specific Conductance (on site)	20422	umhos/cm
Temperature (on-site)	27.5	Deg. C
Turbidity (on-site)	24968	NTU
Dissolved Oxygen (on-site)	4.18	mg/l
eH/ORP (On Site)	119.3	mV

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	1420		6.34	200	05/11/2023 12:49	WG2058036

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	2060		5.19	100	05/18/2023 13:37	WG2062162

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

Analyte	Result	Units
pH (On Site)	7.16	su
Specific Conductance (on site)	6016	umhos/cm
Temperature (on-site)	33.4	Deg. C
Turbidity (on-site)	262.66	NTU
Dissolved Oxygen (on-site)	1.63	mg/l
eH/ORP (On Site)	128.2	mV

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	22.2		0.158	5	05/11/2023 12:51	WG2058036

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	624		5.19	100	05/18/2023 13:47	WG2062162

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

Analyte	Result	Units
pH (On Site)	6.95	su
Specific Conductance (on site)	1385	umhos/cm
Temperature (on-site)	33.7	Deg. C
Turbidity (on-site)	43.93	NTU
Dissolved Oxygen (on-site)	3.73	mg/l
eH/ORP (On Site)	92.4	mV

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	0.865		0.100	1	05/11/2023 12:52	WG2058036

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	19.9		3.00	1	05/18/2023 13:56	WG2062162

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

Analyte	Result	Units
pH (On Site)	8.05	su
Specific Conductance (on site)	12813	umhos/cm
Temperature (on-site)	36	Deg. C
Turbidity (on-site)	2122.38	NTU
Dissolved Oxygen (on-site)	1.59	mg/l
eH/ORP (On Site)	120.5	mV

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	47.2		3.17	100	05/11/2023 13:01	WG2058036

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	1530		5.19	100	05/18/2023 14:25	WG2062162

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

Analyte	Result	Units
pH (On Site)	8.54	su
Specific Conductance (on site)	23777	umhos/cm
Temperature (on-site)	31	Deg. C
Turbidity (on-site)	170.76	NTU
Dissolved Oxygen (on-site)	0.63	mg/l
eH/ORP (On Site)	118.5	mV

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	1340		6.34	200	05/11/2023 13:04	WG2058036

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	2200		5.19	100	05/18/2023 14:34	WG2062162

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

Analyte	Result	Units
pH (On Site)	11.1	su
Specific Conductance (on site)	13870	umhos/cm
Temperature (on-site)	26.8	Deg. C
Turbidity (on-site)	430.18	NTU
Dissolved Oxygen (on-site)	0.57	mg/l
eH/ORP (On Site)	95	mV

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	540		15.8	500	05/11/2023 13:06	WG2058036

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	1050		5.19	100	05/18/2023 14:44	WG2062162

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

Analyte	Result	Units
pH (On Site)	8.55	su
Specific Conductance (on site)	15183	umhos/cm
Temperature (on-site)	34.6	Deg. C
Turbidity (on-site)	10.78	NTU
Dissolved Oxygen (on-site)	1.25	mg/l
eH/ORP (On Site)	100.4	mV

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	227		1.58	50	05/11/2023 13:07	WG2058036

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	1630		5.19	100	05/18/2023 14:54	WG2062162

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

Analyte	Result	Units
pH (On Site)	9.7	su
Specific Conductance (on site)	6890	umhos/cm
Temperature (on-site)	27.7	Deg. C
Turbidity (on-site)	6.36	NTU
Dissolved Oxygen (on-site)	2.19	mg/l
eH/ORP (On Site)	134.3	mV

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	204		6.34	200	05/11/2023 13:09	WG2058036

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	499		5.19	100	05/18/2023 15:03	WG2062162

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

Analyte	Result	Units
pH (On Site)	8.13	su
Specific Conductance (on site)	2779	umhos/cm
Temperature (on-site)	33.7	Deg. C
Turbidity (on-site)	15.93	NTU
Dissolved Oxygen (on-site)	213	mg/l
eH/ORP (On Site)	94.6	mV

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	12.9		1.58	50	05/11/2023 13:10	WG2058036

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	82.1		3.00	1	05/18/2023 15:13	WG2062162

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

Analyte	Result	Units
pH (On Site)	8.63	su
Specific Conductance (on site)	2045	umhos/cm
Temperature (on-site)	29.1	Deg. C
Turbidity (on-site)	22.45	NTU
Dissolved Oxygen (on-site)	1.95	mg/l
eH/ORP (On Site)	68.7	mV

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	14.3		0.634	20	05/11/2023 13:12	WG2058036

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	47.4		3.00	1	05/18/2023 15:37	WG2062165

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

Analyte	Result	Units
pH (On Site)	8.28	su
Specific Conductance (on site)	22283	umhos/cm
Temperature (on-site)	36	Deg. C
Turbidity (on-site)	62.3	NTU
Dissolved Oxygen (on-site)	0.35	mg/l
eH/ORP (On Site)	102.3	mV

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	573		6.34	200	05/11/2023 13:18	WG2058036

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	1730		5.19	100	05/18/2023 15:50	WG2062165

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

Analyte	Result	Units
pH (On Site)	9.68	su
Specific Conductance (on site)	17842	umhos/cm
Temperature (on-site)	29.5	Deg. C
Turbidity (on-site)	45.94	NTU
Dissolved Oxygen (on-site)	1.37	mg/l
eH/ORP (On Site)	97.9	mV

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

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	837		15.8	500	05/11/2023 13:19	WG2058036

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis date / time	Batch
Chloride	1990		5.19	100	05/18/2023 16:04	WG2062165

Method Blank (MB)

(MB) R3923662-1 05/11/23 11:33

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Ammonia Nitrogen	ND		0.0317	0.100

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

L1614457-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1614457-02 05/11/23 11:45 • (DUP) R3923662-5 05/11/23 11:47

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Ammonia Nitrogen	0.613	0.612	1	0.163		10

L1614585-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1614585-03 05/11/23 12:06 • (DUP) R3923662-7 05/11/23 12:12

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Ammonia Nitrogen	ND	ND	1	0.000		10

Laboratory Control Sample (LCS)

(LCS) R3923662-2 05/11/23 11:35

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Ammonia Nitrogen	7.50	7.29	97.2	90.0-110	

L1614457-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1614457-01 05/11/23 11:41 • (MS) R3923662-3 05/11/23 11:42 • (MSD) R3923662-4 05/11/23 11:44

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Ammonia Nitrogen	5.00	0.529	5.37	5.50	96.8	99.4	1	90.0-110			2.37	10

L1614585-02 Original Sample (OS) • Matrix Spike (MS)

(OS) L1614585-02 05/11/23 12:03 • (MS) R3923662-6 05/11/23 12:05

Analyte	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
Ammonia Nitrogen	5.00	ND	4.74	94.7	1	90.0-110	

Method Blank (MB)

(MB) R3923667-1 05/11/23 12:39

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Ammonia Nitrogen	ND		0.0317	0.100

L1614728-15 Original Sample (OS) • Duplicate (DUP)

(OS) L1614728-15 05/11/23 13:01 • (DUP) R3923667-5 05/11/23 13:03

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Ammonia Nitrogen	47.2	47.6	100	0.758		10

L1614736-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1614736-03 05/11/23 13:25 • (DUP) R3923667-7 05/11/23 13:27

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Ammonia Nitrogen	4.81	4.78	1	0.584		10

Laboratory Control Sample (LCS)

(LCS) R3923667-2 05/11/23 12:40

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Ammonia Nitrogen	7.50	7.17	95.6	90.0-110	

L1614728-14 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1614728-14 05/11/23 12:52 • (MS) R3923667-3 05/11/23 12:58 • (MSD) R3923667-4 05/11/23 13:00

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Ammonia Nitrogen	5.00	0.865	5.55	5.76	93.6	97.9	1	90.0-110			3.82	10

L1614736-02 Original Sample (OS) • Matrix Spike (MS)

(OS) L1614736-02 05/11/23 13:22 • (MS) R3923667-6 05/11/23 13:24

Analyte	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
Ammonia Nitrogen	5.00	4.05	8.91	97.3	1	90.0-110	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3926938-1 05/18/23 10:26

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Chloride	ND		0.0519	1.00

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

L1614728-10 Original Sample (OS) • Duplicate (DUP)

(OS) L1614728-10 05/18/23 12:49 • (DUP) R3926938-3 05/18/23 12:59

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Chloride	2190	2120	100	3.54		15

L1614728-20 Original Sample (OS) • Duplicate (DUP)

(OS) L1614728-20 05/18/23 15:13 • (DUP) R3926938-6 05/18/23 15:22

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Chloride	82.1	82.1	1	0.0810		15

Laboratory Control Sample (LCS)

(LCS) R3926938-2 05/18/23 10:36

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Chloride	40.0	38.8	96.9	80.0-120	

L1614728-10 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1614728-10 05/18/23 12:49 • (MS) R3926938-4 05/18/23 13:08 • (MSD) R3926938-5 05/18/23 13:18

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Chloride	50.0	2190	2160	2060	0.000	0.000	100	80.0-120	√	√	4.74	15

L1614728-20 Original Sample (OS) • Matrix Spike (MS)

(OS) L1614728-20 05/18/23 15:13 • (MS) R3926938-7 05/18/23 15:32

Analyte	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
Chloride	50.0	82.1	127	89.2	1	80.0-120	

Method Blank (MB)

(MB) R3928881-1 05/18/23 09:53

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Chloride	ND		0.0519	1.00

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

L1613709-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1613709-01 05/18/23 12:33 • (DUP) R3928881-3 05/18/23 12:46

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Chloride	157	160	1	1.77		15

L1617282-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1617282-02 05/18/23 17:26 • (DUP) R3928881-6 05/18/23 17:39

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Chloride	2610	2590	100	0.693		15

Laboratory Control Sample (LCS)

(LCS) R3928881-2 05/18/23 10:05

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Chloride	40.0	40.3	101	80.0-120	

L1617282-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1617282-02 05/18/23 17:26 • (MS) R3928881-7 05/18/23 17:53 • (MSD) R3928881-8 05/18/23 18:06

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Chloride	50.0	2610	2560	2550	0.000	0.000	100	80.0-120	V	V	0.679	15

L1613709-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1613709-01 05/18/23 12:33 • (MS) R3928881-9 05/18/23 12:58

Analyte	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
Chloride	50.0	157	202	90.2	1	80.0-120	E

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

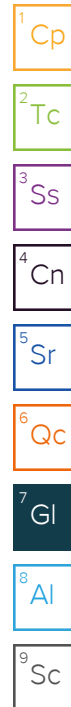
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

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).
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	LA000356
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.

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

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 3

Report to:
Jodi Reynolds

Email To:
 jeffholm@sbcbglobal.net; jreyno10@wm.com

Project Description:
 Eco-Vista-GW-Feb, Mar, May, Jun, Aug, Sep, Nov, De

City/State
 Collected:

Please Circle:
 PT MT CT ET

Phone: **501-993-8966**

Client Project #
300

Lab Project #
WMECOVISAR-00005

Collected by (print):
Chris Fincher

Site/Facility ID #
AR03

P.O. #
11057634

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
 No. of Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	CHLORIDE 125mIHDPPE-NoPres	NH3 250mIHDPPE-H2SO4
LCS-1	Grab	GW	N/A	5.9.23	1000	2	X	X
LCS-2		GW			1030	2	X	X
LCS-3		GW			1100	2	X	X
LCS-4		GW			1130	2	X	X
LCS-5		GW			1200	2	X	X
LCS-6		GW			1230	2	X	X
LCS-7		GW			1300	2	X	X
LCS-8		GW			1330	2	X	X
LCS-9		GW			1400	2	X	X
LCS-10		GW			1430	2	X	X

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/hubs/pas-standard-terms.pdf>

SDG # **1619728**
D079

Acctnum: **WMECOVISAR**
 Template: **T161046**
 Prelogin: **P994341**
 PM: **616 - Stacy Kennedy**
 PB: **4/21/23 CAM**
 Shipped Via: **FedEX Ground**

Remarks | Sample # (lab only)

* Matrix:
 SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other

Remarks: Pace project service: Check for multiple coolers upon receipt.

pH _____ Temp _____
 Flow _____ Other _____

Samples returned via:
 ___ UPS ___ FedEx ___ Courier

Tracking # **6295 1086 0583**

Sample Receipt Checklist

COC Seal Present/Intact:	NP	<u> </u> Y <u> </u> N
COC Signed/Accurate:		<u> </u> Y <u> </u> N
Bottles arrive intact:		<u> </u> Y <u> </u> N
Correct bottles used:		<u> </u> Y <u> </u> N
Sufficient volume sent:		<u> </u> Y <u> </u> N
If Applicable		
VOA Zero Headspace:		<u> </u> Y <u> </u> N
Preservation Correct/Checked:		<u> </u> Y <u> </u> N
RAD Screen <0.5 mR/hr:		<u> </u> Y <u> </u> N

Relinquished by: (Signature)
[Signature]

Date: **5.9.23**
 Time: **1700**

Received by: (Signature)
[Signature]

Trip Blank Received: Yes/No
 HCL / MeOH
 TBR

Temp: **0.2** °C
 Bottles Received: **46**

Date: **5-10-23** Time: **930**

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

Email To:
 jeffholmgren@sbcglobal.net;jreyno10@wm.com

Report to:
Jodi Reynolds

Project Description: Eco-Vista-GW-Feb, Mar, May, Jun, Aug, Sep, Nov, De City/State: Collected: Please Circle: PT MT CT ET

Phone: 501-993-8966 Client Project #: 300 Lab Project #: WMCOVISAR-00005

Collected by (print): *Chris Finckel* Site/Facility ID #: AR03 P.O. #: 11057634

Collected by (signature): *[Signature]* 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 No. of Cntrs

Sample ID Comp/Grab Matrix * Depth Date Time

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs
LCS-11	Grab	GW	N/A	5.9.23	1500	2
LCS-12		GW			1530	2
LDS-1		GW			1015	2
LDS-2		GW			1045	2
LDS-3		GW			1115	2
LDS-4		GW			1145	2
LDS-5		GW			1215	2
LDS-6		GW			1245	2
LDS-7		GW			1315	2
LDS-8		GW			1345	2

Analysis / Container / Preservative									
Pres	Chk								



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/hubs/pas-standard-terms.pdf

SDG # 1614728
 Table #
 Acctnum: WMCOVISAR
 Template: T161046
 Prelogin: P994341
 PM: 616 - Stacy Kennedy
 PB: 4/21/23 CAM
 Shipped Via: FedEx Ground

* Matrix:
 SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other

Remarks: Pace project service: Check for multiple coolers upon receipt.

pH _____ Temp _____
 Flow _____ Other _____

Sample Receipt Checklist	
COC Seal Present/Intact:	NP <input checked="" type="checkbox"/> Y <input type="checkbox"/> N
COC Signed/Accurate:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Bottles arrive intact:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Correct bottles used:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Sufficient volume sent:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
If Applicable	
VOA Zero Headspace:	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N
Preservation Correct/Checked:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
RAD Screen <0.5 mR/hr:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N

Samples returned via: ___ UPS ___ FedEx ___ Courier Tracking # 6295 1086 0383

Relinquished by: (Signature) <i>[Signature]</i>	Date: 5.9.23	Time: 1700	Received by: (Signature)	Trip Blank Received: Yes/No HCL/MeOH TBR
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: 0.2 46
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) <i>[Signature]</i>	Date: 5-10-23 Time: 900

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: jeffholmgren@sbcglobal.net;jreyno10@wm.com

Project Description:
Eco-Vista-GW-Feb, Mar, May, Jun, Aug, Sep, Nov, De

City/State
 Collected:

Please Circle:
 PT MT CT ET

Phone: **501-993-8966**

Client Project #
300

Lab Project #
WMCOVISAR-00005

Collected by (print):

Chris Finch

Site/Facility ID #
AR03

P.O. #
11057634

Collected by (signature):

Chris Finch

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

Immediately Packed on Ice N ___ Y ___

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Analysis / Container / Preservative	
							CHLORIDE 125mIHDPENoPres	NH3 250mIHDPENH2SO4
LDS-9	Grab	GW	N/A	5.9.23	1415	2	X	X
LDS-10		GW			1445	2	X	X
LDS-11		GW			1515	2	X	X
LDS-12		GW				2	X	X
LGW-2		GW				2	X	X
LGW-3R		GW				2	X	X
LGW-4		GW				2	X	X
LGW-5		GW				2	X	X
LGW-6		GW				2	X	X
LGW-7		GW				2	X	X



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/hubs/pas-standard-terms.pdf

SDG # **1614728**
 Table #
 Acctnum: **WMCOVISAR**
 Template: **T161046**
 Prelogin: **P994341**
 PM: **616 - Stacy Kennedy**
 PB: **4/21/23 CAM**
 Shipped Via: **FedEX Ground**
 Remarks Sample # (lab only)

* Matrix:
 SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other

Remarks: Pace project service: Check for multiple coolers upon receipt.

pH _____ Temp _____

Flow _____ Other _____

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

Samples returned via: ___ UPS ___ FedEx ___ Courier

Tracking #

6295 1086 0383

Relinquished by: (Signature)

Chris Finch

Date:

5.9.23

Time:

1700

Received by: (Signature)

[Signature]

Trip Blank Received: Yes / No

HCL / MeOH TBR

Relinquished by: (Signature)

[Signature]

Date:

5-10-23

Time:

900

Received by: (Signature)

[Signature]

Temp: **0.2** °C

Bottles Received: **46**

If preservation required by Login: Date/Time

Relinquished by: (Signature)

[Signature]

Date:

5-10-23

Time:

900

Received for lab by: (Signature)

[Signature]

Date: **5-10-23** Time: **900**

Hold:

Condition:
 NCF / OK

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate



Laboratory Use Only / Lab I.D.:

21814728

Site Name: EVLP

Sample I.D.: LCS-2

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D D - Direct Sampling Equipment: S D - Dipper S - Sample Bottle
 I I - Indirect T - Transfer Vessel O - Other _____
 V V - Visual

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)
<u>05/09/2023</u>	<u>1030</u>	<u>7.88</u>	<u>14299</u>	<u>32.8</u>	<u>39.87</u>	<u>3.20</u>	<u>146.5</u>

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: _____

5, 9, 23 C. Finckh [Signature] Frank's

Date Name Signature Company

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate



Laboratory Use Only / Lab I.D.:

Site Name: EVLF

Sample I.D. LCS-3

L1614728

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D D - Direct Sampling Equipment: S D - Dipper S - Sample Bottle
 I - Indirect T - Transfer Vessel O - Other
 V - Visual

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)
<u>05/09/2023</u>	<u>1100</u>	<u>8.41</u>	<u>10410</u>	<u>34.2</u>	<u>25.52</u>	<u>2.05</u>	<u>142.6</u>
<i>Record final stabilized field readings.</i>							

Field Observations

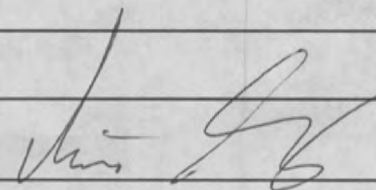
Sample Appearance: Odor: Yes Color: Grey/Brown Other: _____

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: _____

5, 9, 23 C-Fincher  Pomies

1 1 _____ _____ _____
 Date Name Signature Company

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate



Laboratory Use Only / Lab I.D.:

L1614728

Site Name: EVLF

Sample I.D. LCS-4

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D - Direct Sampling Equipment: S D - Dipper S - Sample Bottle
 I - Indirect T - Transfer Vessel O - Other
 V - Visual

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)
<u>05/09/2023</u>	<u>1130</u>	<u>8.84</u>	<u>19485</u>	<u>31.4</u>	<u>25.59</u>	<u>0.31</u>	<u>131.9</u>

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: _____

519 123 C. Fincher Aramus

Date: 5/9/23 Name: C. Fincher Signature: _____ Company: Aramus

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate



Laboratory Use Only / Lab I.D.:

L1614728

Site Name: EVLF

Sample I.D.: LCS-5

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D - Direct Sampling Equipment: S D - Dipper S - Sample Bottle
 I - Indirect T - Transfer Vessel O - Other
 V - Visual

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)
<u>05/09/2023</u>	<u>1200</u>	<u>12.84</u>	<u>31447</u>	<u>32.5</u>	<u>272.40</u>	<u>0.52</u>	<u>80.4</u>
<i>Record final stabilized field readings.</i>							

Field Observations

Sample Appearance: Odor: Yes Color: Black 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: _____

5/9/23

C. Fincher

Promus

Date: 5/9/23 Name: C. Fincher Signature: _____ Company: Promus

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate



Laboratory Use Only / Lab I.D.:

L1614728

Site Name: EVLF

Sample I.D. LCS-6

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D - Direct Sampling Equipment: S - Sample Bottle
 I - Indirect T - Transfer Vessel O - Other

V - Visual

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)
<u>05/09/2023</u>	<u>1230</u>	<u>8.48</u>	<u>20209</u>	<u>35.0</u>	<u>12.92</u>	<u>1.52</u>	<u>113.1</u>

Record final stabilized field readings.

Field Observations

Sample Appearance: Odor: Yes Color: Black Other: _____

Sheen Present or N Foam Present: or N Floating Solids: or N

Weather Conditions: (required daily, or as conditions change):

Direction/Speed: _____ Precipitation: Y or N

Specific Comments: _____

5/9/23 C. Fincher Promis

 Date Name Signature Company

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate



Laboratory Use Only / Lab I.D.:

L1614728

Site Name: EVLF

Sample I.D. LCS-7

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D - Direct Sampling Equipment: S - Dipper S - Sample Bottle
 I - Indirect T - Transfer Vessel O - Other
 V - Visual

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)
05/09/2003	1300	8.43	21192	30.6	308-40	1.94	125-7

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: _____

5 19 123 C. Fincher Pramus

Date: 5/19/03 Name: C. Fincher Signature: Company: Pramus

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate



Site Name: ELVF

Sample I.D.: LCS-8

Laboratory Use Only / Lab I.D.:

L1614728

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D - Direct Sampling Equipment: S - Sample Bottle
 I - Indirect T - Transfer Vessel O - Other
 V - Visual

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)
<u>05/09/2017</u>	<u>1330</u>	<u>7.95</u>	<u>11712</u>	<u>36.5</u>	<u>1056.83</u>	<u>2.19</u>	<u>131.5</u>

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: _____

5/9/17 C. Fincher [Signature] Power

Date Name Signature Company

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate



Laboratory Use Only / Lab I.D.:

L1614728

Site Name: EVLF

Sample I.D. LCS-9

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D - Direct Sampling Equipment: S - Sample Bottle
 I - Indirect T - Transfer Vessel O - Other
 V - Visual

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)
<u>05/09/2023</u>	<u>1400</u>	<u>9.25</u>	<u>18701</u>	<u>31.1</u>	<u>40.60</u>	<u>0.69</u>	<u>118.7</u>

Record final stabilized field readings.

Field Observations

Sample Appearance: Odor: yes Color: Brownish/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: _____

5, 9, 23 C. Fincher Parsons

Date Name Signature Company

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate



Site Name: EVLF
 Sample I.D.: LCS-10

Laboratory Use Only / Lab I.D.:

L1614728

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D - Direct Sampling Equipment: S - Dipper S - Sample Bottle
 I - Indirect T - Transfer Vessel O - Other _____
 V - Visual
 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)
<u>05/09/2023</u>	<u>1430</u>	<u>8.53</u>	<u>23560</u>	<u>35.7</u>	<u>345.71</u>	<u>1.09</u>	<u>117.6</u>

Record final stabilized field readings.

Field Observations

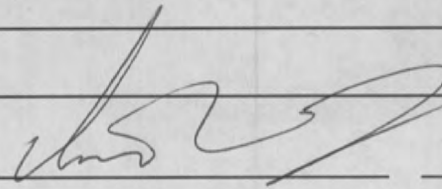
Sample Appearance: Odor: Yes Color: Brown Other: _____

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: _____

5.9.23 C. Fischer  Proulx

Date Name Signature Company

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate



Laboratory Use Only / Lab I.D.:

L1614728

Site Name: EVLF

Sample I.D.: LCS-11

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D - Direct Sampling Equipment: S - Dipper S - Sample Bottle
 I - Indirect T - Transfer Vessel O - Other

V - Visual

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)
05/09/2003	1500	9.98	11708	33.3	1117.41	1.78	131.6

Record final stabilized field readings.

Field Observations

Sample Appearance: Odor: Yes Color: Black 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: _____

_____ 5.19.03 _____ C. Fisher _____ [Signature] _____ Fournis

 Date Name Signature Company

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate



Site Name: E V L F

Sample I.D.: LCS-12

Laboratory Use Only / Lab I.D.:

21614728

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D - Direct Sampling Equipment: S - Sample Bottle
 I - Indirect T - Transfer Vessel
 V - Visual O - Other

Sample Type: Composite (circle one) Grab

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)
05/09/2023	1530	11.19	20422	27.5	24968	4.18	119.3

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:

NO LCS-12 Sample Available - "Error: Empty Pipe"

5.9.23 C. Archer [Signature] Proams

Date: Name: Signature: Company:

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate



Site Name: EVLF

Sample I.D.: LDS-1

Laboratory Use Only / Lab I.D.:

L1614728

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D - Direct Sampling Equipment: S - Dipper T - Transfer Vessel O - Other
 I - Indirect S - Sample Bottle
 V - Visual

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)
<u>05/09/2013</u>	<u>1015</u>	<u>7.16</u>	<u>6016</u>	<u>33.4</u>	<u>262.68</u>	<u>1.63</u>	<u>128.2</u>

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: _____

5, 9, 23 C. Funder _____ PRMUS

Date: 5, 9, 23 Name: C. Funder Signature: _____ Company: PRMUS

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate



Site Name: EVLF

Sample I.D.: LDS-4

Laboratory Use Only / Lab I.D.:

L1614728

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D - Direct Sampling Equipment: S - Sample Bottle
 I - Indirect T - Transfer Vessel O - Other
 V - Visual

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)
<u>05/09/2023</u>	<u>1145</u>	<u>8.54</u>	<u>23777</u>	<u>31.0</u>	<u>170.76</u>	<u>0.63</u>	<u>119.5</u>

Record final stabilized field readings.

Field Observations

Sample Appearance: Odor: Yes Color: Black 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: _____

5.9.23 C. Fincher [Signature] [Signature]

Date Name Signature Company

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate



Laboratory Use Only / Lab I.D.:

L1814728

Site Name: EVLF

Sample I.D. LDS-5

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D - Direct Sampling Equipment: S - Sample Bottle
I - Indirect T - Transfer Vessel O - Other

Sample Type: Composite 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)
05/09/2023	1215	11.10	13870	26.8	430.18	0.57	95.0

Record final stabilized field readings.

Field Observations

Sample Appearance: Odor: yes Color: Black 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: _____

5.9.23 C. Finkler [Signature] Parus

Date Name Signature Company

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate



Site Name: EVLF

Sample I.D.: LOS-6

Laboratory Use Only / Lab I.D.:

L1614728

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D - Direct I - Indirect V - Visual Sampling Equipment: S - 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)
<u>05/09/2023</u>	<u>1245</u>	<u>8.55</u>	<u>15183</u>	<u>34.6</u>	<u>10.78</u>	<u>1.25</u>	<u>100.4</u>

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: _____

5/9/23 C. Fincher [Signature] Pomus

Date Name Signature Company

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate



Site Name: EVLP

Sample I.D. L05-7

Laboratory Use Only / Lab I.D.:

L1614728

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D - Direct Sampling Equipment: S - Sample Bottle
 I - Indirect T - Transfer Vessel O - Other
 V - Visual

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)
<u>05/09/2023</u>	<u>1315</u>	<u>9.70</u>	<u>6890</u>	<u>27.7</u>	<u>6.36</u>	<u>2.19</u>	<u>154.3</u>

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: _____

5/9/23

C. Fincher

[Signature]

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Date

Name

Signature

Company

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate



Laboratory Use Only / Lab I.D.:

L1614728

Site Name: EVLF

Sample I.D. LDS-8

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D D - Direct Sampling Equipment: S D - Dipper S - Sample Bottle
 I - Indirect T - Transfer Vessel O - Other
 V - Visual

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)
<u>05/09/2023</u>	<u>1345</u>	<u>8.13</u>	<u>2779</u>	<u>33.7</u>	<u>15.93</u>	<u>2.13</u>	<u>94.6</u>

Record final stabilized field readings.

Field Observations

Sample Appearance: Odor: Yes Color: Clear 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: _____

5/19/23 C. Finkler Finnis

Date Name Signature Company

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate



Site Name: EVLF

Sample I.D.: L05-9

Laboratory Use Only / Lab I.D.:

L1614728

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D D - Direct Sampling Equipment: S D - Dipper S - Sample Bottle
 I I - Indirect T - Transfer Vessel O - Other
 V V - Visual

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)
05/09/2023	1415	8.63	2045	29.1	22-45	2.95	68.7

Record final stabilized field readings.

Field Observations

Sample Appearance: Odor: yes Color: Clear 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: _____

5, 9, 23 C. Funder [Signature] Parsons

Date: _____ Name: _____ Signature: _____ Company: _____

FIELD INFORMATION FORM
Surface Water, Stormwater and Leachate



Laboratory Use Only / Lab I.D.:

L1614728

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)
05/09/2023	1445	8.28	22283	36.0	62.36	0.35	102.3

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: _____

5, 9, 23 C. Archer R. Brown

Date Name Signature Company

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate



Site Name: EVLF

Sample I.D. LDS-11

Laboratory Use Only / Lab I.D.:

L1614728

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D - Direct Sampling Equipment: D - Dipper S - Sample Bottle
 I - Indirect T - Transfer Vessel O - Other
 V - Visual

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)
<u>05/09/2003</u>	<u>1515</u>	<u>9.68</u>	<u>17842</u>	<u>29.5</u>	<u>45.94</u>	<u>1.37</u>	<u>97.9</u>

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: _____

5/9/03

C. Fisher

[Signature]

[Company]

Date

Name

Signature

Company