Haley Griffith (adpce.ad)

From: Travis Doll <travis.doll@jettenviro.com>
Sent: Friday, December 29, 2023 2:34 PM
To: gwreports
Cc: Reynolds, Jodi; Steve Jett P.G.; Ciara Childers Beavers
Subject: November 2023 Monthly Sampling Event Report, Eco-Vista Class 1 Landfill, Solid Waste Permit No. 0290-S1-R4

On behalf of Eco-Vista, LLC, Jett Environmental Consulting is submitting the November 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/1_wYsWetWUNM6asfqBq9KtIc5UrJa5atb/view?usp=sharing

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

Sincerely,

Travis Doll, P.G.
Senior Geologist
Jett Environmental Consulting
18 Lexington Oaks Court
Foristell, MO 63348
573-418-5488
travis.doll@jettenviro.com
www.jettenviro.com

December 29, 2023 ***Submitted via Electronic Mail***

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

Re: November 2023 Monthly Indicator Parameter Monitoring Report
Eco-Vista Landfill, LLC, Class 1 Landfill
AFIN: 72-00144, Permit No.: 0290-S1-R4

Dear Mr. Baggett:

Jett Environmental Consulting is pleased to present the results of the November 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-R4 (AFIN 72-00144), Conditions 31 & 38.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 42.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.
vii) Status of the corrective action and corrective action activities at the site. This information will include, but not be limited to, a list of all active and passive out-of-waste gas extraction locations at the site and the days that the location was functional or not functional for the reporting period.

Analytical Results

The November 2023 sampling event was completed on November 1 and November 4-5, 2023. A copy of the laboratory analytical report and field sampling forms are included in **Attachment G**. The sampling point was dry (no flow) at LDS-5; therefore, a sample could not be collected. Sampling point LCS-6 had insufficient volume for measuring field parameters.

A list of the required groundwater monitoring wells, LDS locations, and LCS locations are provided in **Attachment A**. A summary of the November 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, pH, 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 November 2023 chloride concentration was compared to 10 times the baseline value (see **Attachment A**). No November 2023 chloride concentrations exceeded the 10 times baseline values.

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

For monitoring wells with statistically significant increasing trends, the November 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 November 2023 event. No further action is required.

LDS/LCS

In accordance with Permit Conditions 30 and 42.a.v., the Landfill began recording daily volume and rate data from the LDS and LCS since construction of the first cell in the lateral expansion area was completed. Per the site's Action Leakage Rate (ALR) Contingency Plan (DIN 68124 dated September 24, 2015), no further action, other than routine monitoring and reporting, is required if the LDS flow rate is at or below 60 gallons per acre per day (gpad). The ALR Contingency Plan was approved by DEQ on November 25, 2015 (DIN 68479).

In accordance with the Landfill's permit and ALR Contingency Plan, Eco-Vista personnel perform flow rate monitoring of the LDS sumps of Cells 1 through 12. Future Cell 13 will be included once the cell is active and data starts being collected. 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 November 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 November 2023 LDS flow rates (14-day average) was below 60 gpad (see **Attachment E**).

Gas Extraction Well Operations

During a previous Nature and Extent Investigation, the site implemented interim corrective measures by installing a GCCS, which included gas extraction wells. These extraction wells are all part of the active on-going remediation efforts. In accordance with Permit Condition 42.vii., 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 November 2023 data:

- For the monitoring wells, various statistically significant increasing trends were exhibited for chloride, pH, 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 (14-day average) was below 60 gpad.

No significant findings were determined with respect to groundwater for the November 2023 monitoring period. In addition, there were no flow rate exceedances to report for November 2023, per the ALR Contingency Plan. The Landfill will continue to collect data during monthly monitoring events in accordance with Permit No. 0290-S1-R4.

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 November 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	11/4/2023	78	10.9	<0.1	817	6.73	1302.14	72.90	1229.24
LGW-3R	11/4/2023	124	4.60	<0.1	131	5.22	1289.20	56.86	1232.34
LGW-4	11/4/2023	149	20.0	<0.1	925	6.53	1267.79	60.95	1206.84
LGW-5	11/4/2023	124	28.9	0.102	1065	6.30	1271.91	72.10	1199.81
LGW-6	11/4/2023	133	16.9	<0.1	902	6.24	1244.79	51.25	1193.54
LGW-7	11/4/2023	113	14.5	<0.1	724	6.75	1220.60	43.71	1176.89
LGW-8R	11/4/2023	122	19.9	<0.1	913	6.53	1186.24	11.05	1175.19
LGW-9	11/5/2023	169	33.5	<0.1	991	6.33	1237.47	53.73	1183.74
LGW-10	11/5/2023	151	23.7	0.130	1209	6.30	1240.61	59.44	1181.17
LGW-14R	11/4/2023	39	5.23	<0.1	750	6.76	1250.93	56.70	1194.23
MW-7N	11/5/2023	93	30.4	<0.1	780	6.69	1250.84	87.41	1163.43
MW-15	11/4/2023	278	39.9	<0.1	815	6.43	1291.46	58.85	1232.61
MW-16	11/4/2023	108	3.81	<0.1	495	7.21	1289.70	74.04	1215.66
MW-17	11/5/2023	205	6.21	<0.1	404	6.58	1288.93	60.39	1228.54
MW-19	11/4/2023	92	7.15	<0.1	706	6.86	1293.90	68.05	1225.85
LCS-1	11/1/2023	NA	1850	2120	14185	7.64	NA	NA	NA
LCS-2	11/1/2023	NA	1860	1440	14264	7.34	NA	NA	NA
LCS-3	11/1/2023	NA	1580	1400	15348	7.28	NA	NA	NA
LCS-4	11/1/2023	NA	1580	1380	19053	7.29	NA	NA	NA
LCS-5	11/1/2023	NA	2330	2560	27429	8.06	NA	NA	NA
LCS-6	11/1/2023	NA	1040	712	NM	NM	NA	NA	NA
LCS-7	11/1/2023	NA	1850	1220	20197	7.30	NA	NA	NA
LCS-8	11/1/2023	NA	1090	808	13539	7.30	NA	NA	NA
LCS-9	11/1/2023	NA	1520	1180	16683	7.40	NA	NA	NA
LCS-10	11/1/2023	NA	1950	1730	20733	7.52	NA	NA	NA
LCS-11	11/1/2023	NA	2450	2550	28518	7.99	NA	NA	NA
LCS-12	11/1/2023	NA	1760	1490	20795	7.47	NA	NA	NA
LDS-1	11/1/2023	NA	425	19.9	5750	6.69	NA	NA	NA
LDS-2	11/1/2023	NA	357	9.13	4172	6.69	NA	NA	NA
LDS-3	11/1/2023	NA	1790	188	18488	7.50	NA	NA	NA
LDS-4	11/1/2023	NA	1030	957	16873	7.27	NA	NA	NA
LDS-5	NS	NA	NS	NS	NS	NS	NA	NA	NA
LDS-6	11/1/2023	NA	1360	187	14237	7.58	NA	NA	NA
LDS-7	11/1/2023	NA	198 V	130	20197	7.30	NA	NA	NA
LDS-8	11/1/2023	NA	1080	805	14291	7.22	NA	NA	NA
LDS-9	11/1/2023	NA	73.1 J6	9.28	1864	6.18	NA	NA	NA
LDS-10	11/1/2023	NA	897	489	11860	7.00	NA	NA	NA
LDS-11	11/1/2023	NA	2510	1660	29498	7.44	NA	NA	NA
LDS-12	11/1/2023	NA	1070	555	15837	7.12	NA	NA	NA
Field Blank	11/4/2023	NA	<3	<0.1	NA	NA	NA	NA	NA
Lab Method Blanks	---	NA	<3	<0.1	NA	NA	NA	NA	NA

Notes:
Depth to water collected by Promus Engineering on November 4-5, 2023.
NA: Not Applicable
NM: LCS-6 had insufficient volume for measuring field parameters.
NS - Not Sampled. LDS-5 (dry, no flow).
Chloride Intra-Well Limit is the baseline mean concentration multiplied by 10. See Report Attachment D for calculations.
J6: The sample matrix interfered with the ability to make any accurate determination; spike value is low.
V: The sample concentration is too high to evaluate accurate spike recoveries.

ATTACHMENT B

Historical Database

Table 1

Analytical Data Summary for LGW-10

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

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

Table 1

Analytical Data Summary for LGW-10

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

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

Table 1

Analytical Data Summary for LGW-10

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
10/5/2022 - 10/7/2022	.106	20.0	6.37 *	956.0 *
11/2/2022 - 11/3/2022	<.100	20.0	6.21	818.0
12/6/2022 - 12/7/2022	<.100	20.5	6.16	1113.0
1/3/2023 - 1/11/2023	.225	21.1	6.46	919.0
2/3/2023 - 2/4/2023	.118	22.7	6.31	1788.0
3/1/2023 - 3/2/2023	.185	22.6	6.10	1023.0
4/4/2023 - 4/8/2023	.267	21.7	5.93	919.0
5/9/2023 - 5/11/2023	.227	22.1	5.97	878.0
6/7/2023 - 6/8/2023	.164	23.1	5.72	949.0
7/5/2023 - 7/10/2023	<.100	21.5	6.36	929.0
8/1/2023 - 8/3/2023	<.100	22.1	3.83	820.0
9/1/2023 - 9/2/2023	.107	21.0	6.38	1071.0
10/2/2023 - 10/6/2023	.100	24.2	6.47	1048.0
11/1/2023 - 11/5/2023	.130	23.7	6.30	1209.0

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

Table 2

Analytical Data Summary for LGW-14R

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

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

Table 2

Analytical Data Summary for LGW-14R

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

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

Table 2

Analytical Data Summary for LGW-14R

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
5/6/2022 - 5/7/2022	<.100	4.96	6.92	560.0
6/2/2022 - 6/3/2022	<.100	5.33	6.77	588.0
7/9/2022 - 7/13/2022	.181	4.90	6.76	507.0
8/9/2022 - 8/10/2022	<.100	4.95	6.73	537.0
9/7/2022 - 9/8/2022	<.100	5.05	6.69	509.0
10/5/2022 - 10/7/2022	<.100	4.69	6.38	493.0
11/2/2022 - 11/3/2022	<.100	4.78	6.90	551.0
12/6/2022 - 12/7/2022	<.100	4.88	6.72	631.0
1/3/2023 - 1/11/2023	<.100	4.88	6.98	507.0
2/3/2023 - 2/4/2023	<.100	5.42	6.94	1045.0
3/1/2023 - 3/2/2023	<.100	5.49	6.66	557.0
4/4/2023 - 4/8/2023	<.100	4.90	6.48	524.0
5/9/2023 - 5/11/2023	<.100	5.26	6.61	545.0
6/7/2023 - 6/8/2023	<.100	5.56	6.49	576.0
7/5/2023 - 7/10/2023	.161	5.15	6.82	597.0
8/1/2023 - 8/3/2023	<.100	5.39	5.93	648.0
9/1/2023 - 9/2/2023	<.100	5.17	6.86	704.0
10/2/2023 - 10/6/2023	<.100	5.64	6.86	750.0
11/1/2023 - 11/5/2023	<.100	5.23	6.76	750.0

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

Table 3

Analytical Data Summary for LGW-2

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

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

Table 3

Analytical Data Summary for LGW-2

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

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

Table 3

Analytical Data Summary for LGW-2

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
6/2/2022 - 6/3/2022	<.100	10.30	6.54	717.0
7/9/2022 - 7/13/2022	<.100	10.10	6.50	651.0
8/9/2022 - 8/10/2022	<.100	9.92	6.46	636.0
9/7/2022 - 9/8/2022	<.100	10.30	6.55	618.0
10/5/2022 - 10/7/2022	<.100	9.47	6.31	600.0
11/2/2022 - 11/3/2022	<.100	9.28	6.74	591.0
12/6/2022 - 12/7/2022	<.100	9.61	6.57	694.0
1/3/2023 - 1/11/2023	<.100	9.88	6.94	575.0
2/3/2023 - 2/4/2023	<.100	10.60	6.77	1115.0
3/1/2023 - 3/2/2023	<.100	10.90	6.59	634.0
4/4/2023 - 4/8/2023	<.100	9.82	6.71	684.0
5/9/2023 - 5/11/2023	<.100	10.40	6.45	588.0
6/7/2023 - 6/8/2023	<.100	10.20	6.49	615.0
7/5/2023 - 7/10/2023	<.100	10.20	7.24	632.0
8/1/2023 - 8/3/2023	<.100	10.60	4.92	610.0
9/1/2023 - 9/2/2023	<.100	10.40	6.89	699.0
10/2/2023 - 10/6/2023	<.100	11.30	6.73	708.0
11/1/2023 - 11/5/2023	<.100	10.90	6.73	817.0

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

Table 4

Analytical Data Summary for LGW-3R

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

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

Table 4

Analytical Data Summary for LGW-3R

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

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

Table 4

Analytical Data Summary for LGW-3R

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
3/1/2022 - 3/5/2022	<.100	5.76	5.78	195.0
4/4/2022 - 4/6/2022	<.100	5.73	5.48	145.0
5/6/2022 - 5/7/2022	<.100	5.25	5.73	199.0
6/2/2022 - 6/3/2022	.121	6.11	5.76	338.0
7/9/2022 - 7/13/2022	.110	5.43	5.57	223.0
8/9/2022 - 8/10/2022	<.100	6.03	5.15	175.0
9/7/2022 - 9/8/2022	<.100	5.92	5.14	132.0
10/5/2022 - 10/7/2022	<.100	5.04	4.73	107.0
11/2/2022 - 11/3/2022	<.100	4.91	5.16	121.0
12/6/2022 - 12/7/2022	<.100	5.15	5.07	149.0
1/3/2023 - 1/11/2023	<.100	5.40	5.45	109.0
2/3/2023 - 2/4/2023	<.100	5.74	5.33	205.0
3/1/2023 - 3/2/2023	<.100	6.20	5.04	110.0
4/4/2023 - 4/8/2023	<.100	4.75	5.44	139.0
5/9/2023 - 5/11/2023	<.100	6.05	5.10	118.0
6/7/2023 - 6/8/2023	<.100	5.68	4.68	108.0
7/5/2023 - 7/10/2023	<.100	5.33	4.66	102.0
8/1/2023 - 8/3/2023	<.100	5.29	3.44	107.0
9/1/2023 - 9/2/2023	<.100	24.80	5.27	116.0
10/2/2023 - 10/6/2023	<.100	4.93	5.09	115.0
11/1/2023 - 11/5/2023	<.100	4.60	5.22	131.0

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

Table 5

Analytical Data Summary for LGW-4

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

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

Table 5

Analytical Data Summary for LGW-4

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

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

Table 5

Analytical Data Summary for LGW-4

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
7/9/2022 - 7/13/2022	.127	11.10	6.60	548.0
8/9/2022 - 8/10/2022	<.100	10.40	6.45	556.0
9/7/2022 - 9/8/2022	<.100	12.70	6.44	577.0
10/5/2022 - 10/7/2022	<.100	12.10	6.34	583.0
11/2/2022 - 11/3/2022	<.100	15.10	6.60	639.0
12/6/2022 - 12/7/2022	<.100	17.90	6.42	834.0
1/3/2023 - 1/11/2023	<.100	18.90	6.73	679.0
2/3/2023 - 2/4/2023	<.100	19.30	6.66	1389.0
3/1/2023 - 3/2/2023	<.100	22.70	6.33	817.0
4/4/2023 - 4/8/2023	<.100	21.50	6.43	858.0
5/9/2023 - 5/11/2023	<.100	21.00	6.18	757.0
6/7/2023 - 6/8/2023	<.100	20.20	6.31	757.0
7/5/2023 - 7/10/2023	<.100	17.60	6.16	759.0
8/1/2023 - 8/3/2023	<.100	18.30	5.39	776.0
9/1/2023 - 9/2/2023	<.100	18.60	6.62	876.0
10/2/2023 - 10/6/2023	<.100	20.30	6.47	924.0
11/1/2023 - 11/5/2023	<.100	20.00	6.53	925.0

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

Table 6

Analytical Data Summary for LGW-5

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

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

Table 6

Analytical Data Summary for LGW-5

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

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

Table 6

Analytical Data Summary for LGW-5

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
8/9/2022 - 8/10/2022	<.100	27.7	5.97	708.0
9/7/2022 - 9/8/2022	<.100	29.7	6.03	689.0
10/5/2022 - 10/7/2022	<.100	28.1	5.73 *	694.0 *
11/2/2022 - 11/3/2022	<.100	27.5	6.17	722.0
12/6/2022 - 12/7/2022	.172	26.9	6.11	909.0
1/3/2023 - 1/11/2023	.100	33.2	6.35	720.0
2/3/2023 - 2/4/2023	<.100	33.4	6.29	1355.0
3/1/2023 - 3/2/2023	<.100	39.0	5.95	751.0
4/4/2023 - 4/8/2023	.162	35.5	6.10	834.0
5/9/2023 - 5/11/2023	.151	31.1	5.99	727.0
6/7/2023 - 6/8/2023	.120	33.7	5.68	748.0
7/5/2023 - 7/10/2023	.182	31.9	6.14	798.0
8/1/2023 - 8/3/2023	<.100	33.2	5.60	851.0
9/1/2023 - 9/2/2023	.235	30.6	6.28	948.0
10/2/2023 - 10/6/2023	.260	31.0	6.32	1049.0
11/1/2023 - 11/5/2023	.102	28.9	6.30	1065.0

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

Table 7

Analytical Data Summary for LGW-6

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

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

Table 7

Analytical Data Summary for LGW-6

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

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

Table 7

Analytical Data Summary for LGW-6

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
5/6/2022 - 5/7/2022	<.100	13.0	6.32	773.0
6/2/2022 - 6/3/2022	<.100	14.2	6.11	804.0
7/9/2022 - 7/13/2022	.143	13.3	6.13	718.0
8/9/2022 - 8/10/2022	<.100	12.7	6.07	727.0
9/7/2022 - 9/8/2022	<.100	13.6	6.06	655.0
10/5/2022 - 10/7/2022	<.100	12.6	5.74 *	624.0 *
11/2/2022 - 11/3/2022	<.100	12.8	6.22	703.0
12/6/2022 - 12/7/2022	<.100	13.0	6.12	821.0
1/3/2023 - 1/11/2023	<.100	13.5	6.43	645.0
2/3/2023 - 2/4/2023	<.100	14.6	6.34	1341.0
3/1/2023 - 3/2/2023	<.100	14.6	6.10	703.0
4/4/2023 - 4/8/2023	<.100	14.1	6.25	780.0
5/9/2023 - 5/11/2023	<.100	14.5	6.10	686.0
6/7/2023 - 6/8/2023	<.100	15.5	5.69	708.0
7/5/2023 - 7/10/2023	<.100	15.0	6.27	749.0
8/1/2023 - 8/3/2023	<.100	15.7	5.00	774.0
9/1/2023 - 9/2/2023	<.100	15.3	6.31	839.0
10/2/2023 - 10/6/2023	<.100	17.2	6.34	868.0
11/1/2023 - 11/5/2023	<.100	16.9	6.24	902.0

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

Table 8

Analytical Data Summary for LGW-7

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

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

Table 8

Analytical Data Summary for LGW-7

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

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

Table 8

Analytical Data Summary for LGW-7

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
9/7/2022 - 9/8/2022	<.100	14.7	6.50	555.0
10/5/2022 - 10/7/2022	<.100	12.6	6.31	489.0
11/2/2022 - 11/3/2022	<.100	11.8	6.92	541.0
12/6/2022 - 12/7/2022	<.100	13.1	6.71	664.0
1/3/2023 - 1/11/2023	<.100	13.1	7.05	513.0
2/3/2023 - 2/4/2023	<.100	13.7	6.94	1026.0
3/1/2023 - 3/2/2023	<.100	16.0	6.51	624.0
4/4/2023 - 4/8/2023	<.100	17.0	6.47	706.0
5/9/2023 - 5/11/2023	<.100	15.1	6.39	582.0
6/7/2023 - 6/8/2023	<.100	13.4	6.30	530.0
7/5/2023 - 7/10/2023	<.100	17.3	6.40	669.0
8/1/2023 - 8/3/2023	<.100	15.3	4.49	567.0
9/1/2023 - 9/2/2023	<.100	14.0	6.77	708.0
10/2/2023 - 10/6/2023	<.100	17.3	6.69	744.0
11/1/2023 - 11/5/2023	<.100	14.5	6.75	724.0

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

Table 9

Analytical Data Summary for LGW-8R

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

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

Table 9

Analytical Data Summary for LGW-8R

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

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

Table 9

Analytical Data Summary for LGW-8R

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
8/9/2022 - 8/10/2022	<.100	16.5	6.33	727.0
9/7/2022 - 9/8/2022	<.100	17.9	6.39	658.0
10/5/2022 - 10/7/2022	<.100	16.4	6.03 *	619.0 *
11/2/2022 - 11/3/2022	<.100	16.1	6.52	769.0
12/6/2022 - 12/7/2022	<.100	16.7	6.46	839.0
1/3/2023 - 1/11/2023	<.100	16.7	6.75	667.0
2/3/2023 - 2/4/2023	<.100	17.7	6.67	1353.0
3/1/2023 - 3/2/2023	<.100	18.2	6.39	729.0
4/4/2023 - 4/8/2023	<.100	17.1	6.53	784.0
5/9/2023 - 5/11/2023	<.100	17.9	6.23	729.0
6/7/2023 - 6/8/2023	<.100	18.8	5.99	760.0
7/5/2023 - 7/10/2023	<.100	18.0	6.42	779.0
8/1/2023 - 8/3/2023	<.100	18.9	4.20	727.0
9/1/2023 - 9/2/2023	<.100	18.1	6.62	859.0
10/2/2023 - 10/6/2023	<.100	20.2	6.64	873.0
11/1/2023 - 11/5/2023	<.100	19.9	6.53	913.0

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

Table 10

Analytical Data Summary for LGW-9

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

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

Table 10

Analytical Data Summary for LGW-9

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

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

Table 10

Analytical Data Summary for LGW-9

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
9/7/2022 - 9/8/2022	<.100	39.5	6.08	753.0
10/5/2022 - 10/7/2022	<.100	36.5	6.18 *	907.0 *
11/2/2022 - 11/3/2022	<.100	36.4	6.07	835.0
12/6/2022 - 12/7/2022	<.100	34.2	6.11	901.0
1/3/2023 - 1/11/2023	<.100	32.2	6.52	716.0
2/3/2023 - 2/4/2023	<.100	34.0	6.36	1388.0
3/1/2023 - 3/2/2023	<.100	33.7	6.12	759.0
4/4/2023 - 4/8/2023	<.100	31.0	6.06	690.0
5/9/2023 - 5/11/2023	<.100	33.7	5.99	766.0
6/7/2023 - 6/8/2023	<.100	36.1	5.59	790.0
7/5/2023 - 7/10/2023	<.100	35.1	6.17	834.0
8/1/2023 - 8/3/2023	<.100	36.0	3.96	780.0
9/1/2023 - 9/2/2023	<.100	32.5	6.35	950.0
10/2/2023 - 10/6/2023	<.100	34.8	6.41	930.0
11/1/2023 - 11/5/2023	<.100	33.5	6.33	991.0

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

Table 11

Analytical Data Summary for MW-15

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

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

Table 11

Analytical Data Summary for MW-15

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
1/24/2020 - 2/4/2020	<1.00	32.9	6.71	425.7
3/2/2020 - 3/4/2020	<.10	36.1	6.93	563.9
4/1/2020 - 4/3/2020	<.10	32.3	6.58	449.6
5/4/2020 - 5/5/2020	<.10	35.5	6.43	453.2
6/1/2020 - 6/3/2020	<.10	20.6	6.85	591.8
7/6/2020 - 7/9/2020	<.10	36.1	6.86 *	519.5 *
8/3/2020	<.10	40.8 *	6.69 *	641.0 *
9/1/2020 - 9/14/2020	<.10	35.8	6.20	452.6
10/5/2020 - 10/7/2020	<.10	29.6	6.26	397.0
11/2/2020 - 11/5/2020	<.10	23.2	6.76	399.8
12/1/2020 - 12/4/2020	<.10	25.2	6.45	363.2
1/13/2021 - 1/18/2021	<.10 *	26.0 *	6.14 *	317.5 *
2/9/2021 - 2/11/2021	<.10	24.8	6.62	417.0
3/2/2021 - 3/3/2021	<.10	19.6	6.58	384.0
4/6/2021 - 4/9/2021	<.10	27.9	6.52	434.0
5/4/2021 - 5/5/2021	<.10	15.8	6.57	336.0
6/1/2021 - 6/2/2021	<.10	27.1	6.58	493.0
7/1/2021 - 7/9/2021	<.10 *	31.4 *	6.38 *	433.0 *
8/3/2021 - 8/4/2021	<.10	33.2	6.54	453.0
9/1/2021 - 9/2/2021	<.10	35.7	6.46	463.0
10/4/2021 - 10/7/2021	<.10	35.6	6.54 *	478.0 *
11/1/2021 - 11/2/2021	<.10	34.4	6.40	506.0
12/8/2021 - 12/9/2021	<.10	33.5	6.52	493.0
1/12/2022 - 1/19/2022	<.10	35.3 *	6.52 *	495.0 *
2/9/2022 - 2/10/2022	<.10	34.5	6.55	494.0
3/1/2022 - 3/5/2022	<.10	35.6	6.49	489.0
4/4/2022 - 4/6/2022	<.10	36.0	6.39	492.0
5/6/2022 - 5/7/2022	<.10	17.6	6.86	341.0
6/2/2022 - 6/3/2022	<.10	40.9	6.08	540.0
7/9/2022 - 7/13/2022	<.10	39.5	6.07	479.0
8/9/2022 - 8/10/2022	<.10	37.9	6.05	518.0
9/7/2022 - 9/8/2022	<.10	37.8	6.12	527.0
10/5/2022 - 10/7/2022	<.10	35.0	5.77 *	538.0 *
11/2/2022 - 11/3/2022	<.10	34.5	6.35	541.0
12/6/2022 - 12/7/2022	<.10	36.4	6.26	660.0
1/3/2023 - 1/11/2023	<.10	40.5	6.56	532.0
2/3/2023 - 2/4/2023	<.10	38.0	6.45	1046.0
3/1/2023 - 3/2/2023	<.10	39.1	6.24	563.0
4/4/2023 - 4/8/2023	<.10	37.3	6.16	519.0
5/9/2023 - 5/11/2023	<.10	37.2	6.18	494.0
6/7/2023 - 6/8/2023	<.10	37.7	5.81	526.0
7/5/2023 - 7/10/2023	<.10	35.7	6.23	581.0
8/1/2023 - 8/3/2023	<.10	37.6	4.04	576.0
9/1/2023 - 9/2/2023	<.10	36.8	6.52	687.0
10/2/2023 - 10/6/2023	<.10	39.3	6.42	702.0
11/1/2023 - 11/5/2023	<.10	39.9	6.43	815.0

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

Table 12

Analytical Data Summary for MW-16

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

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

Table 12

Analytical Data Summary for MW-16

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
1/13/2020 - 1/24/2020	<.10	11.20	7.81	285.6
1/24/2020 - 2/4/2020	<1.00	4.79	7.53	289.1
3/2/2020 - 3/4/2020	<.10	4.55	7.49	295.4
4/1/2020 - 4/3/2020	<.10	4.30	7.30	291.1
5/4/2020 - 5/5/2020	<.10	4.01	7.28	312.1
6/1/2020 - 6/3/2020	<.10	4.14	7.05	335.4
7/6/2020 - 7/9/2020	<.10	4.32	7.34 *	296.3 *
8/3/2020	<.10	4.42 *	7.28 *	349.8 *
9/1/2020 - 9/14/2020	<.10	4.28	7.30	320.6
10/5/2020 - 10/7/2020	<.10	3.94	7.27	293.4
11/2/2020 - 11/5/2020	<.10	3.83	7.48	300.1
12/1/2020 - 12/4/2020	<.10	3.85	7.45	310.5
1/13/2021 - 1/18/2021	<.10 *	4.20 *	7.06 *	256.7 *
2/9/2021 - 2/11/2021	<.10	3.90	7.48	340.2
3/2/2021 - 3/3/2021	<.10	3.85	7.34	348.0
4/6/2021 - 4/9/2021	<.10	3.89	7.39	342.0
5/4/2021 - 5/5/2021	<.10	4.06	7.33	351.0
6/1/2021 - 6/2/2021	<.10	4.24	7.19	352.0
7/1/2021 - 7/9/2021	<.10 *	4.36 *	7.33 *	362.0 *
8/3/2021 - 8/4/2021	<.10	4.27	7.43	352.0
9/1/2021 - 9/2/2021	<.10	4.63	7.38	359.0
10/4/2021 - 10/7/2021	<.10	3.97	7.41	338.0
11/1/2021 - 11/2/2021	<.10	3.72	7.24	342.0
12/8/2021 - 12/9/2021	<.10	3.46	7.39	331.0
1/12/2022 - 1/19/2022	<.10	4.12 *	7.43 *	341.0 *
2/9/2022 - 2/10/2022	<.10	4.33	7.44	349.0
3/1/2022 - 3/5/2022	<.10	3.90	7.36	345.0
4/4/2022 - 4/6/2022	<.10	3.52	7.25	355.0
5/6/2022 - 5/7/2022	<.10	4.10	7.34	378.0
6/2/2022 - 6/3/2022	<.10	4.60	7.04	405.0
7/9/2022 - 7/13/2022	.15	4.70	7.01	380.0
8/9/2022 - 8/10/2022	<.10	4.46	6.88	382.0
9/7/2022 - 9/8/2022	<.10	4.21	6.97	367.0
10/5/2022 - 10/7/2022	<.10	3.81	6.58	357.0
11/2/2022 - 11/3/2022	<.10	3.76	7.19	362.0
12/6/2022 - 12/7/2022	<.10	3.86	7.09	416.0
1/3/2023 - 1/11/2023	<.10	4.59	7.35	344.0
2/3/2023 - 2/4/2023	<.10	4.08	7.13	668.0
3/1/2023 - 3/2/2023	<.10	4.49	6.98	366.0
4/4/2023 - 4/8/2023	<.10	3.80	6.80	341.0
5/9/2023 - 5/11/2023	<.10	4.20	6.95	346.0
6/7/2023 - 6/8/2023	<.10	4.45	6.74	368.0
7/5/2023 - 7/10/2023	<.10	4.08	7.04	380.0
8/1/2023 - 8/3/2023	<.10	4.21	4.87	374.0
9/1/2023 - 9/2/2023	<.10	3.98	7.35	427.0
10/2/2023 - 10/6/2023	<.10	4.05	7.20	449.0
11/1/2023 - 11/5/2023	<.10	3.81	7.21	495.0

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

Table 13

Analytical Data Summary for MW-17

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

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

Table 13

Analytical Data Summary for MW-17

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
1/13/2020 - 1/24/2020	<.1	22.90	6.73	289.5
1/24/2020 - 2/4/2020	<1.0	24.20	7.09	471.0
3/2/2020 - 3/4/2020	<.1	23.10	6.42	308.4
4/1/2020 - 4/3/2020	<.1	22.80	6.98	483.7
5/4/2020 - 5/5/2020	<.1	21.60	6.94	515.6
6/1/2020 - 6/3/2020	<.1	22.90	6.97	515.7
7/6/2020 - 7/9/2020	<.1	20.80	7.05 *	559.4 *
8/3/2020	<.1	22.85 *	6.96 *	534.7 *
9/1/2020 - 9/14/2020	<.1	22.60	6.85	528.6
10/5/2020 - 10/7/2020	<.1	15.20	6.94	477.3
11/2/2020 - 11/5/2020	<.1	14.50	7.14	455.7
12/1/2020 - 12/4/2020	<.1	15.20	6.75	327.5
1/13/2021 - 1/18/2021	<.1 *	14.20 *	6.57	295.9
2/9/2021 - 2/11/2021	<.1	15.40	7.19	456.0
3/2/2021 - 3/3/2021	<.1	12.30	6.63	321.0
4/6/2021 - 4/9/2021	<.1	14.90	7.18	454.0
5/4/2021 - 5/5/2021	<.1	14.00	7.13	474.0
6/1/2021 - 6/2/2021	<.1	25.60	6.81	521.0
7/1/2021 - 7/9/2021	<.1 *	35.80 *	6.90 *	540.0 *
8/3/2021 - 8/4/2021	<.1	29.20	7.06	568.0
9/1/2021 - 9/2/2021	<.1	16.90	6.66	349.0
10/4/2021 - 10/7/2021	<.1	21.60	7.07 *	536.0 *
11/1/2021 - 11/2/2021	<.1	17.50	6.96	516.0
12/8/2021 - 12/9/2021	<.1	11.40	7.19	406.0
1/3/2023 - 1/11/2023	<.1	11.00	6.87	272.0
2/3/2023 - 2/4/2023	<.1	8.57	6.65	283.0
3/1/2023 - 3/2/2023	<.1	7.92	6.47	289.0
4/4/2023 - 4/8/2023	<.1	25.10	6.23	436.0
5/9/2023 - 5/11/2023	<.1	12.20	6.18	320.0
6/7/2023 - 6/8/2023	<.1	8.19	6.16	281.0
7/5/2023 - 7/10/2023	<.1	6.95	5.63	282.0
8/1/2023 - 8/3/2023	<.1	7.10	6.07	336.0
9/1/2023 - 9/2/2023	<.1	6.48	6.77	338.0
10/2/2023 - 10/6/2023	<.1	6.63	6.56	315.0
11/1/2023 - 11/5/2023	<.1	6.21	6.58	404.0

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

Table 14

Analytical Data Summary for MW-19

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

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

Table 14

Analytical Data Summary for MW-19

Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
1/24/2020 - 2/4/2020	<1.00	30.90	6.90	492.4
3/2/2020 - 3/4/2020	<.10	30.90	7.16	445.5
4/1/2020 - 4/3/2020	<.10	35.70	6.89	485.6
5/4/2020 - 5/5/2020	<.10	29.90	7.06	456.3
6/1/2020 - 6/3/2020	<.10	15.60	7.21	383.2
7/6/2020 - 7/9/2020	<.10	26.00	6.91 *	479.0 *
8/3/2020	<.10	23.90 *	7.17 *	506.0 *
9/1/2020 - 9/14/2020	<.10	21.40	7.67	302.8
10/5/2020 - 10/7/2020	<.10	20.00	7.54	320.4
11/2/2020 - 11/5/2020	<.10	19.60	7.19	437.5
12/1/2020 - 12/4/2020	<.10	18.90	7.47	343.7
1/13/2021 - 1/18/2021	<.10 *	18.10 *	7.25	358.7
2/9/2021 - 2/11/2021	<.10	18.70	7.35	422.2
3/2/2021 - 3/3/2021	<.10	17.00	7.28	407.0
4/6/2021 - 4/9/2021	<.10	17.10	7.35	408.0
5/4/2021 - 5/5/2021	<.10	15.50	7.33	412.0
6/1/2021 - 6/2/2021	<.10	16.00	7.26	403.0
7/1/2021 - 7/9/2021	<.10 *	15.63 *	7.22 *	381.0 *
8/3/2021 - 8/4/2021	<.10	14.90	7.32	374.0
9/1/2021 - 9/2/2021	<.10	14.80	7.70	301.0
10/4/2021 - 10/7/2021	<.10	13.80	7.11	474.0
11/1/2021 - 11/2/2021	<.10	13.10	6.80	576.0
12/8/2021 - 12/9/2021	<.10	12.00	6.77	625.0
12/6/2022 - 12/7/2022	<.10	8.46	7.55	350.0
1/3/2023 - 1/11/2023	<.10	9.07	7.79	288.0
2/3/2023 - 2/4/2023	<.10	8.72	7.31	650.0
3/1/2023 - 3/2/2023	<.10	8.67	7.14	336.0
4/4/2023 - 4/8/2023	<.10	7.83	7.38	364.0
5/9/2023 - 5/11/2023	<.10	8.29	6.51	337.0
6/7/2023 - 6/8/2023	<.10	8.26	7.07	271.0
7/5/2023 - 7/10/2023	<.10	7.75	7.64	293.0
8/1/2023 - 8/3/2023	<.10	7.84	5.50	310.0
9/1/2023 - 9/2/2023	<.10	7.46	7.98	335.0
10/2/2023 - 10/6/2023	<.10	7.79	7.07	513.0
11/1/2023 - 11/5/2023	<.10	7.15	6.86	706.0

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

Table 15

Analytical Data Summary for MW-7N

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

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

Table 15

Analytical Data Summary for MW-7N

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

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

Table 15

Analytical Data Summary for MW-7N

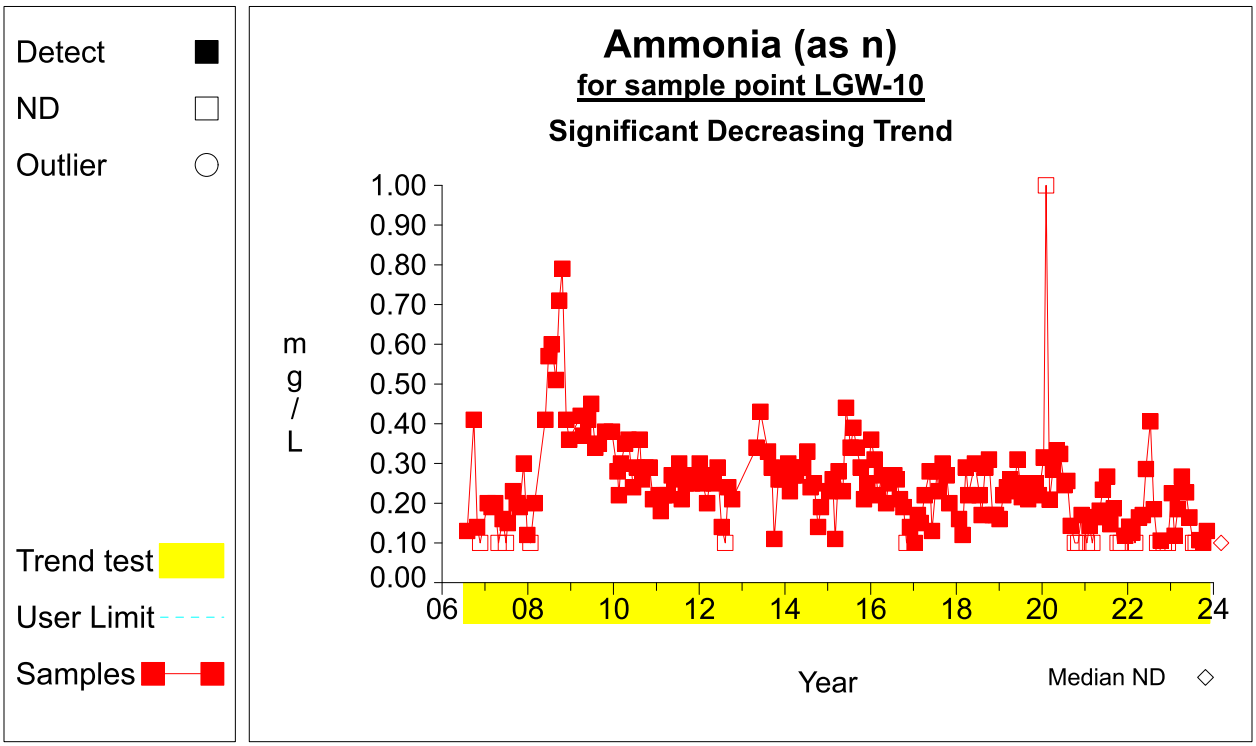
Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
8/9/2022 - 8/10/2022	<.100	39.5	6.42	609.0
9/7/2022 - 9/8/2022	<.100	40.7	6.35	610.0
10/5/2022 - 10/7/2022	<.100	37.4	5.98 *	590.0 *
11/2/2022 - 11/3/2022	<.100	36.2	6.35	641.0
12/6/2022 - 12/7/2022	<.100	36.2	6.46	723.0
1/3/2023 - 1/11/2023	<.100	33.3	6.70	576.0
2/3/2023 - 2/4/2023	<.100	34.8	6.78	6392.0
3/1/2023 - 3/2/2023	<.100	33.9	6.42	630.0
4/4/2023 - 4/8/2023	<.100	31.7	6.46	564.0
5/9/2023 - 5/11/2023	<.100	31.4	6.45	588.0
6/7/2023 - 6/8/2023	<.100	32.5	5.87	608.0
7/5/2023 - 7/10/2023	<.100	31.6	6.22	624.0
8/1/2023 - 8/3/2023	<.100	31.5	4.41	577.0
9/1/2023 - 9/2/2023	<.100	29.5	6.72	748.0
10/2/2023 - 10/6/2023	<.100	30.1	6.67	690.0
11/1/2023 - 11/5/2023	<.100	30.4	6.69	780.0

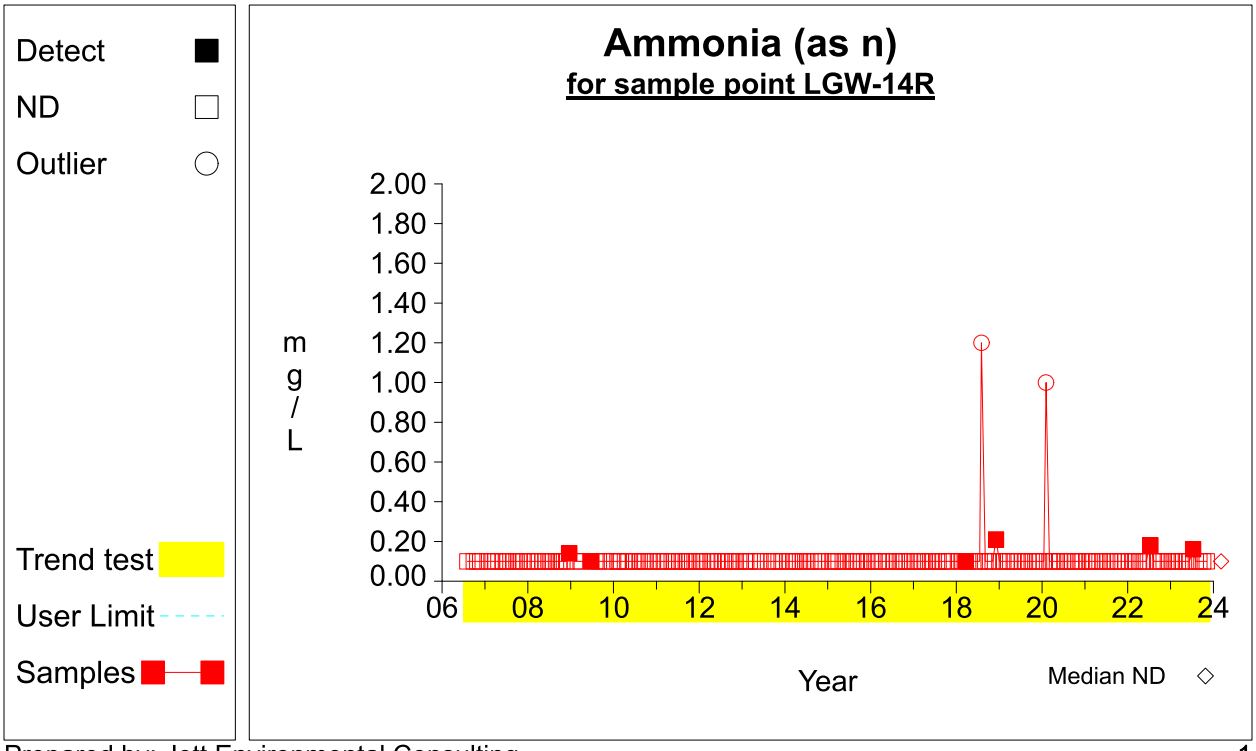
* - The displayed value is the arithmetic mean of multiple database matches.

ATTACHMENT C

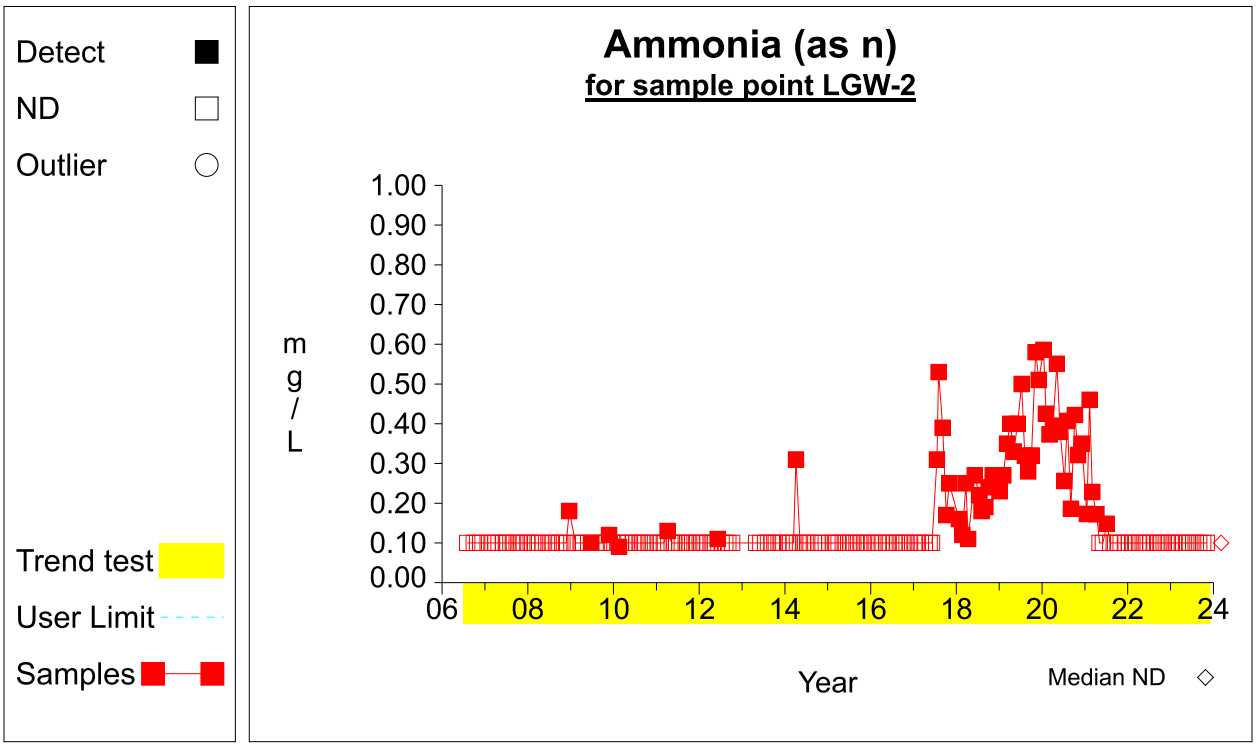
Trend Analysis

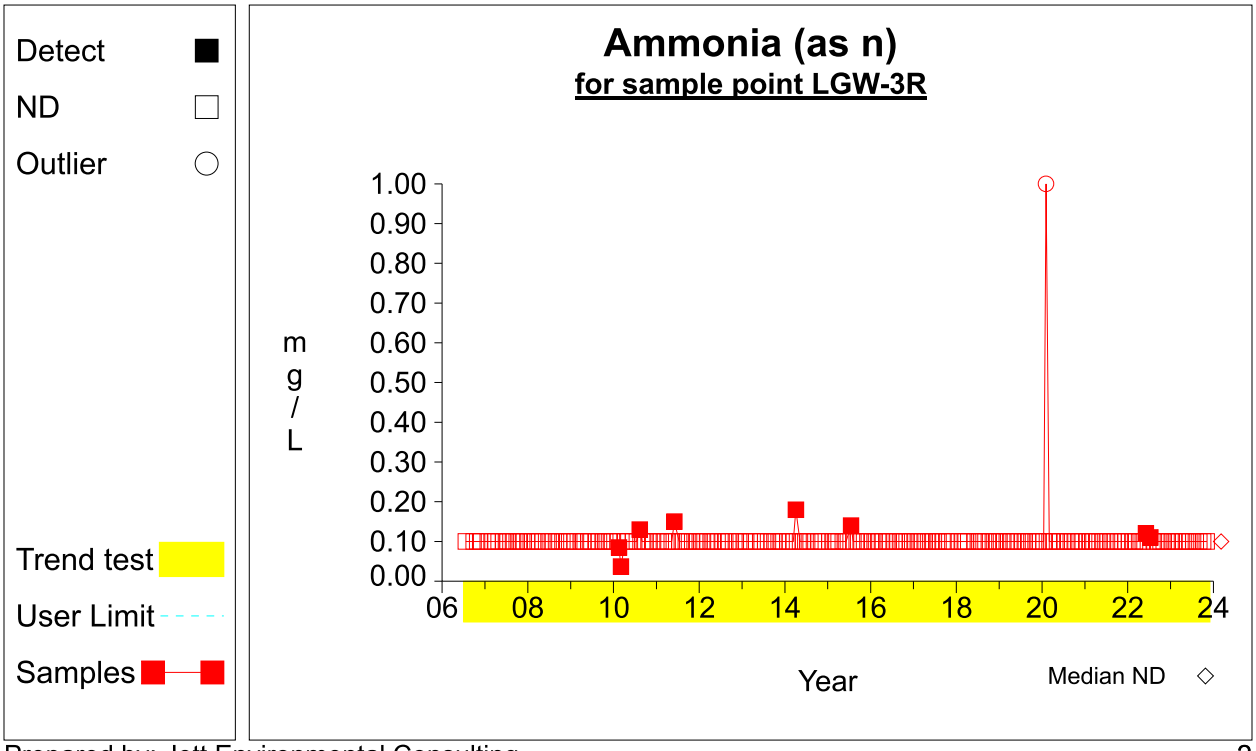
Time Series


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

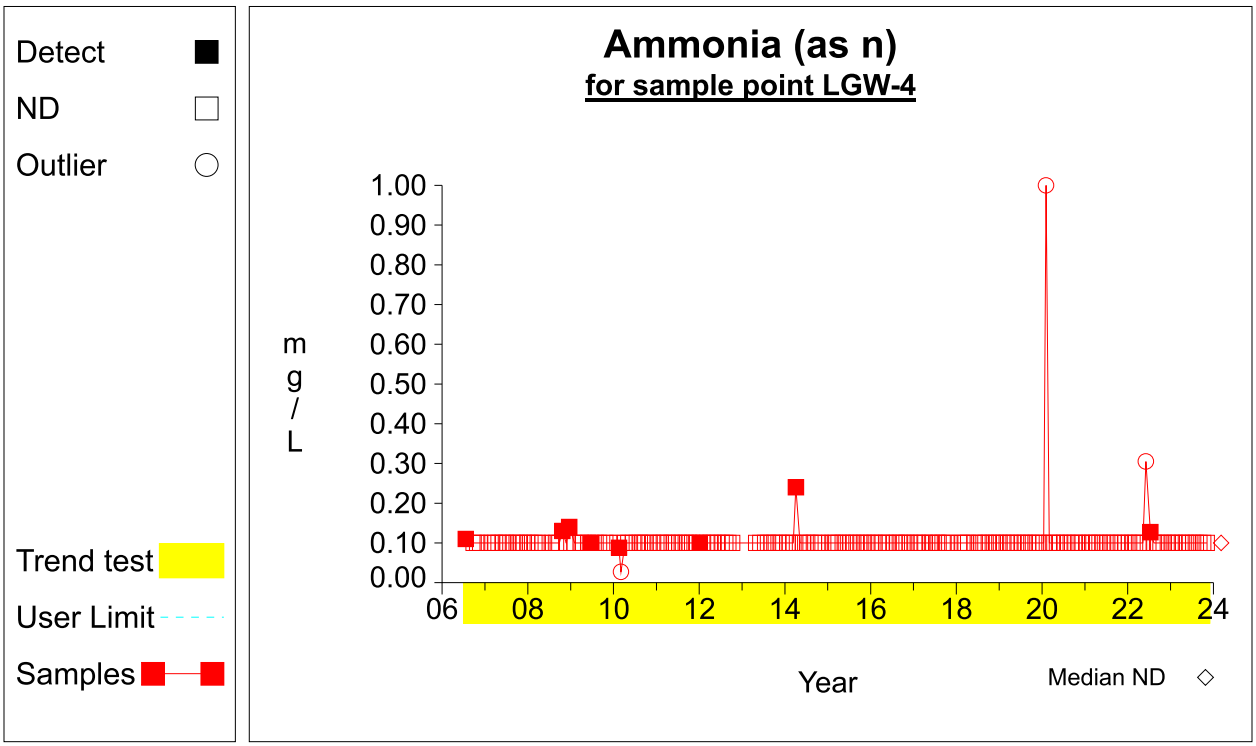

Detect
ND
Outlier
Trend test
User Limit
Samples
Ammonia (as n)
for sample point LGW-14R
mg/L
2.00
1.80
1.60
1.40
1.20
1.00
0.80
0.60
0.40
0.20
0.00
06
08
10
12
14
16
18
20
22
24
Year
Median ND

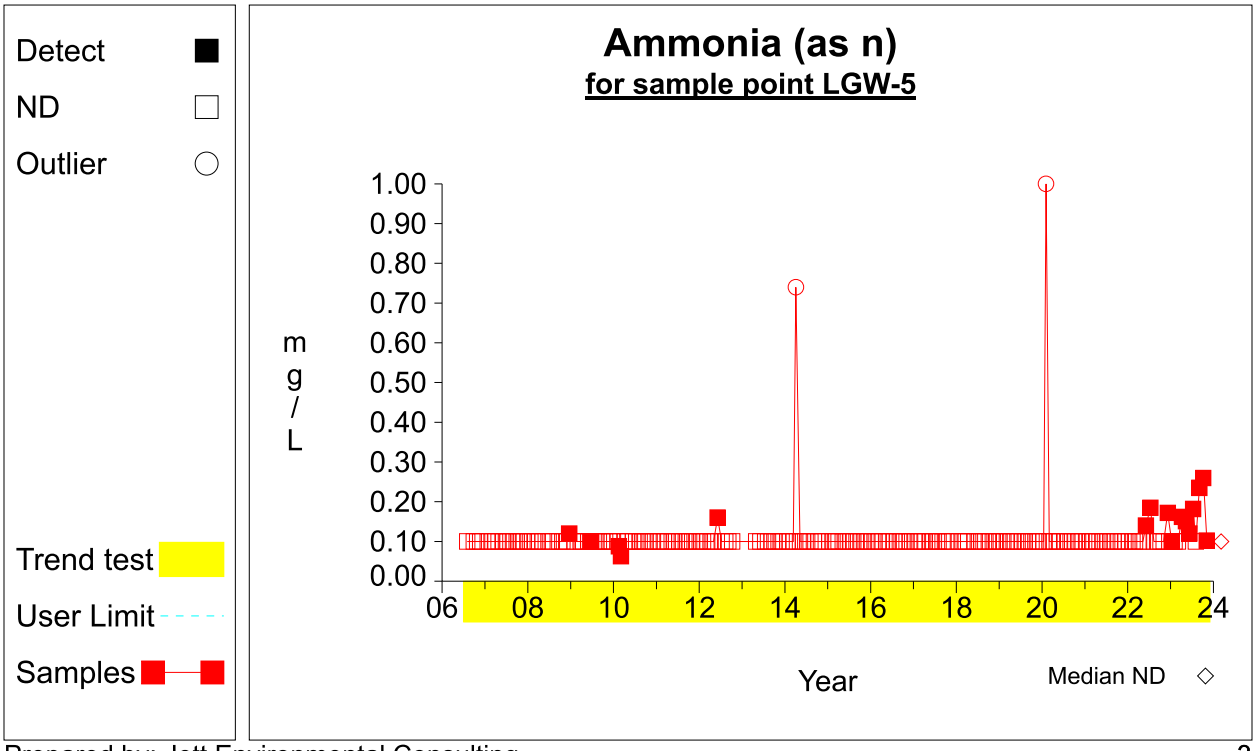
Time Series


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

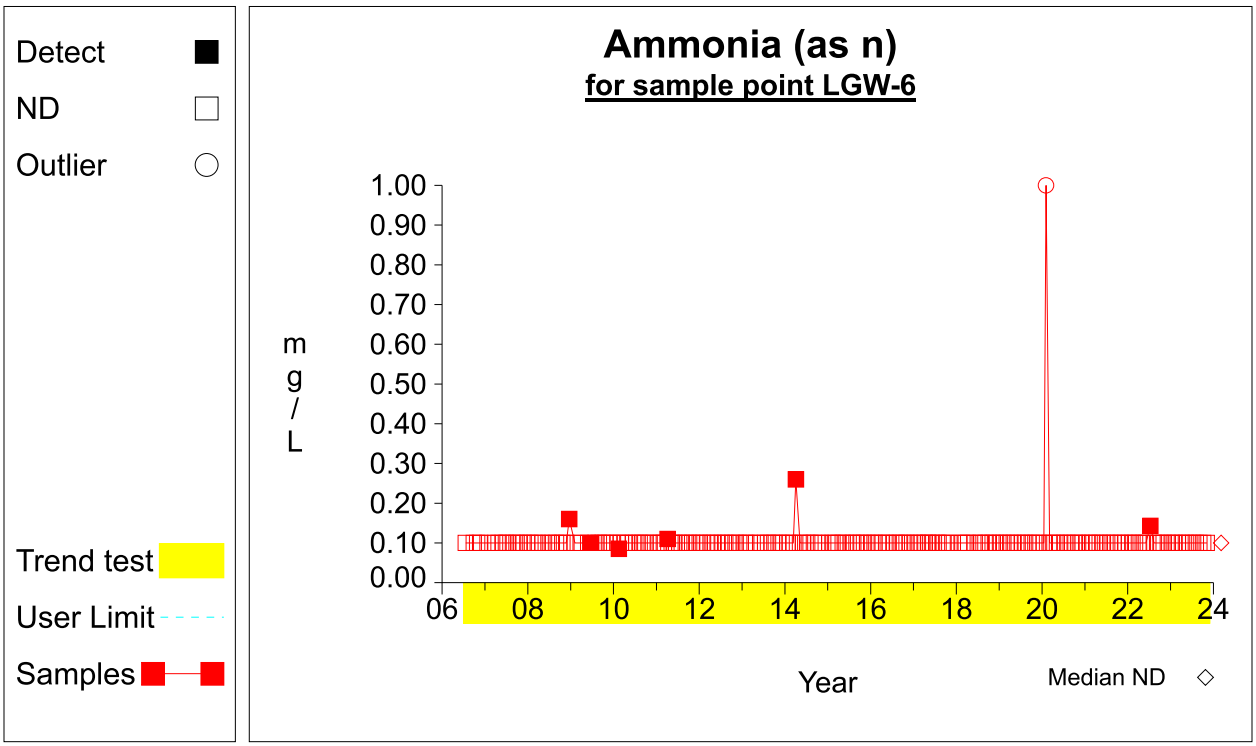

Detect
ND
Outlier
Trend test
User Limit
Samples
Ammonia (as n)
for sample point LGW-3R
mg/L
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
06
08
10
12
14
16
18
20
22
24
Year
Median ND

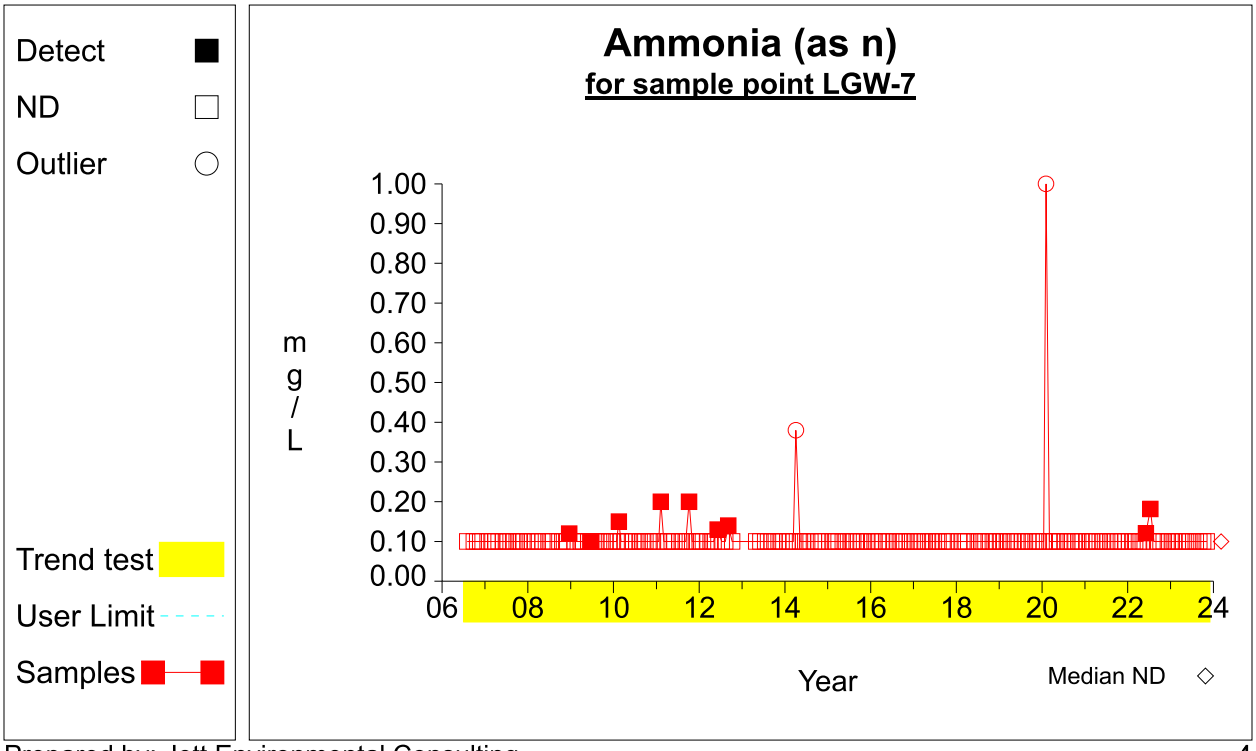
Time Series


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

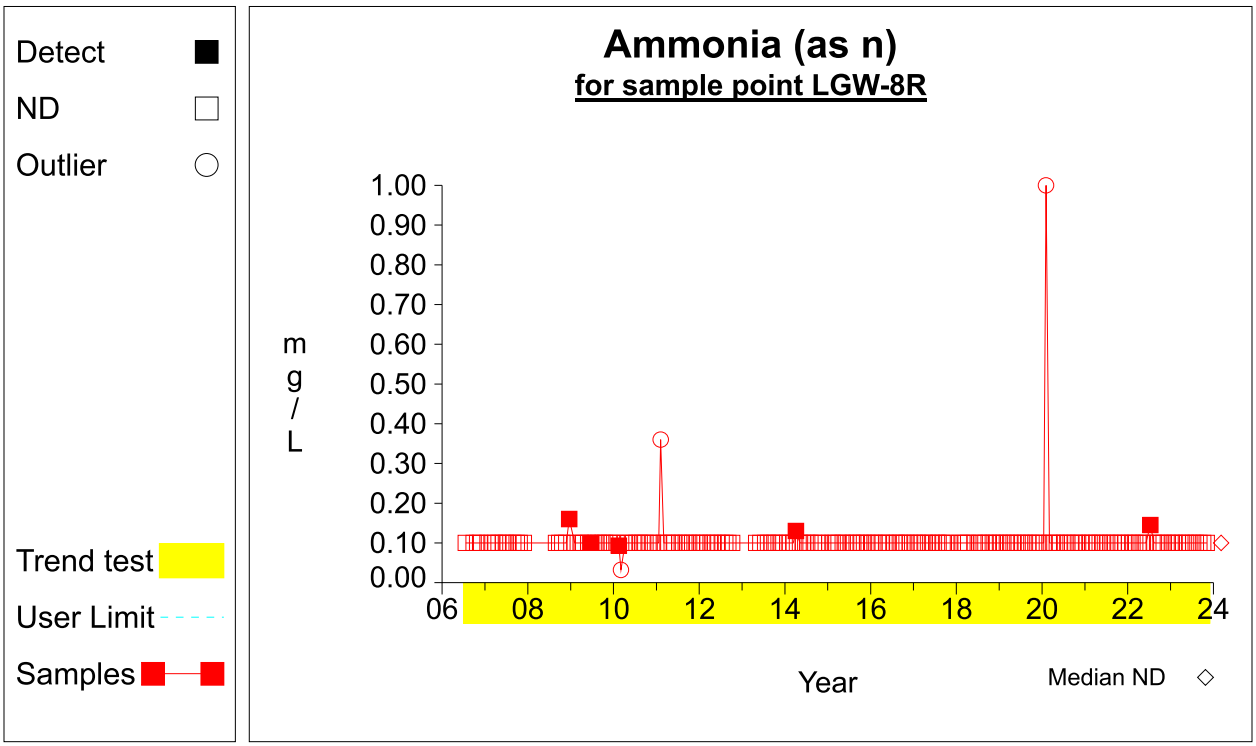

Detect
ND
Outlier
Trend test
User Limit
Samples
Ammonia (as n)
for sample point LGW-5
mg/L
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
06
08
10
12
14
16
18
20
22
24
Year
Median ND

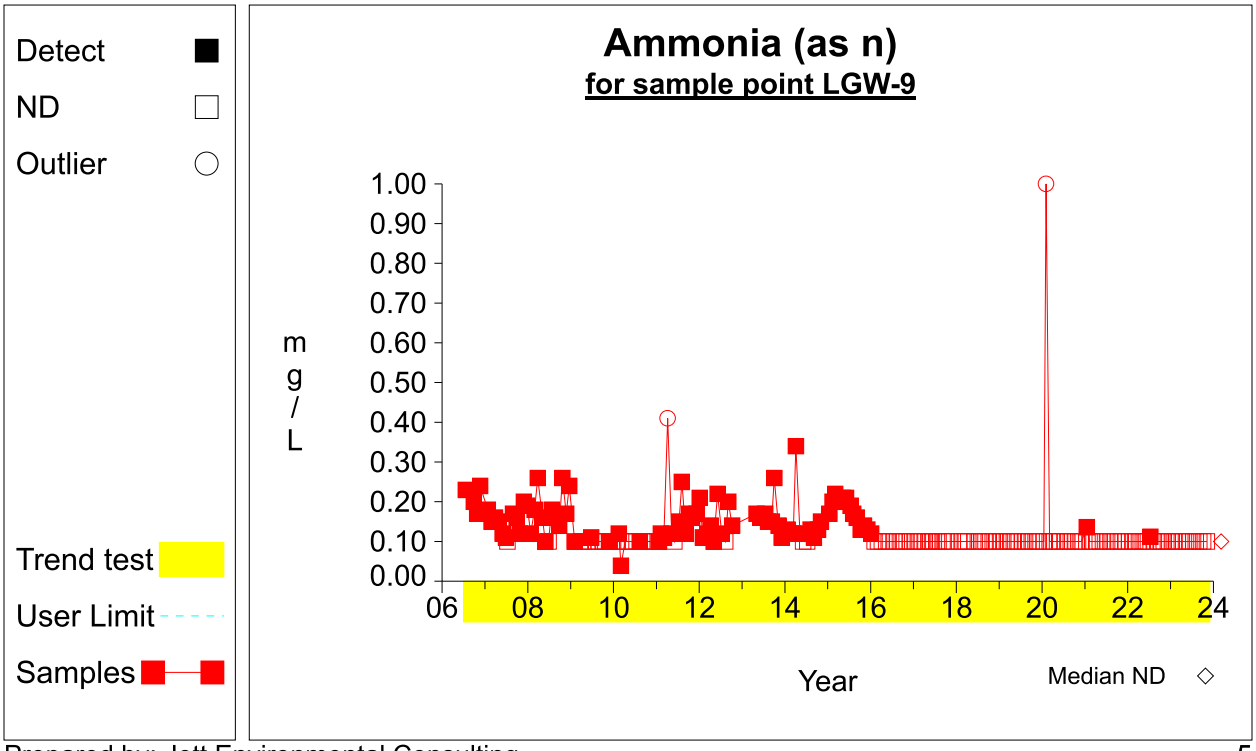
Time Series


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

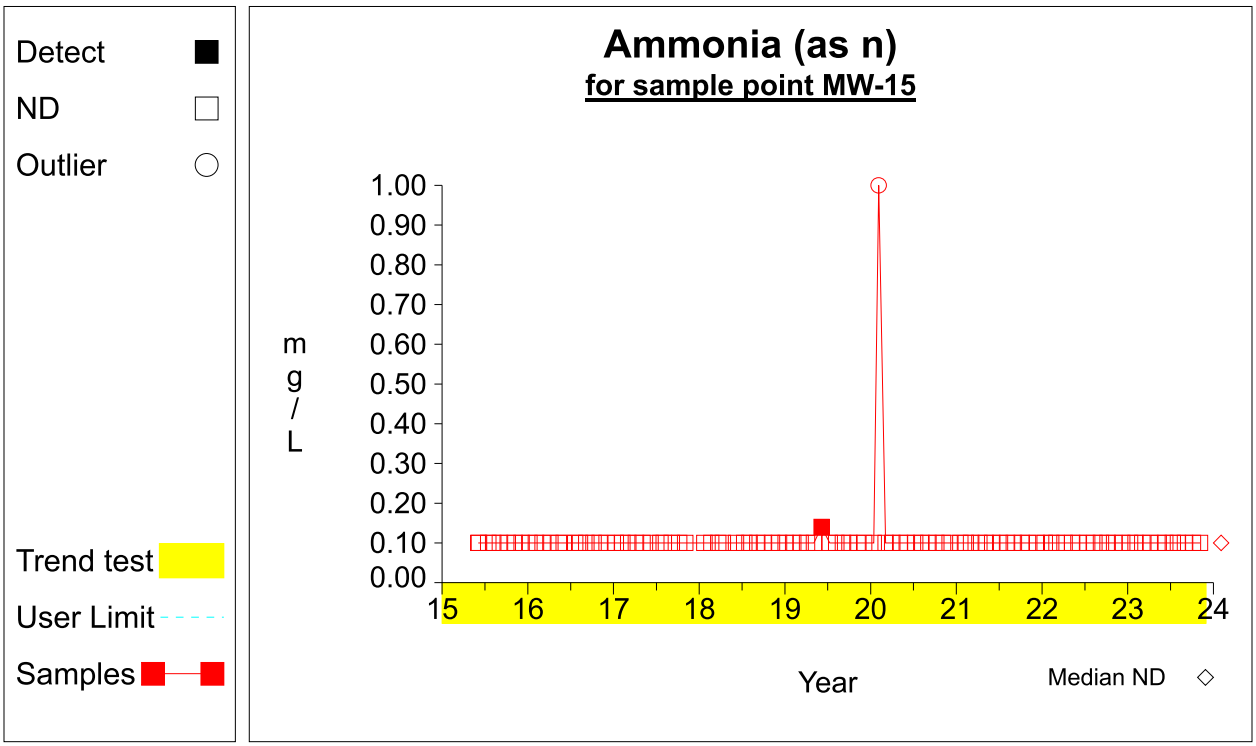

Detect
ND
Outlier
Trend test
User Limit
Samples
Ammonia (as n)
for sample point LGW-7
mg/L
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
06
08
10
12
14
16
18
20
22
24
Year
Median ND

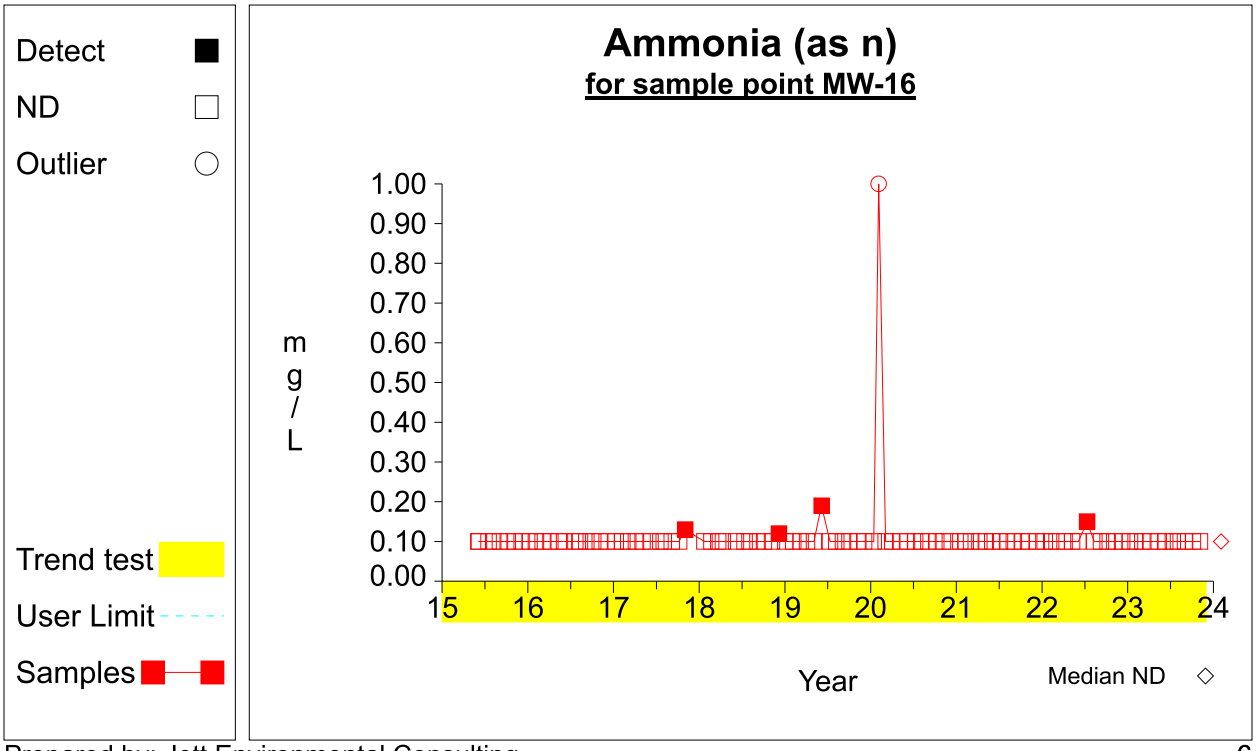
Time Series


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

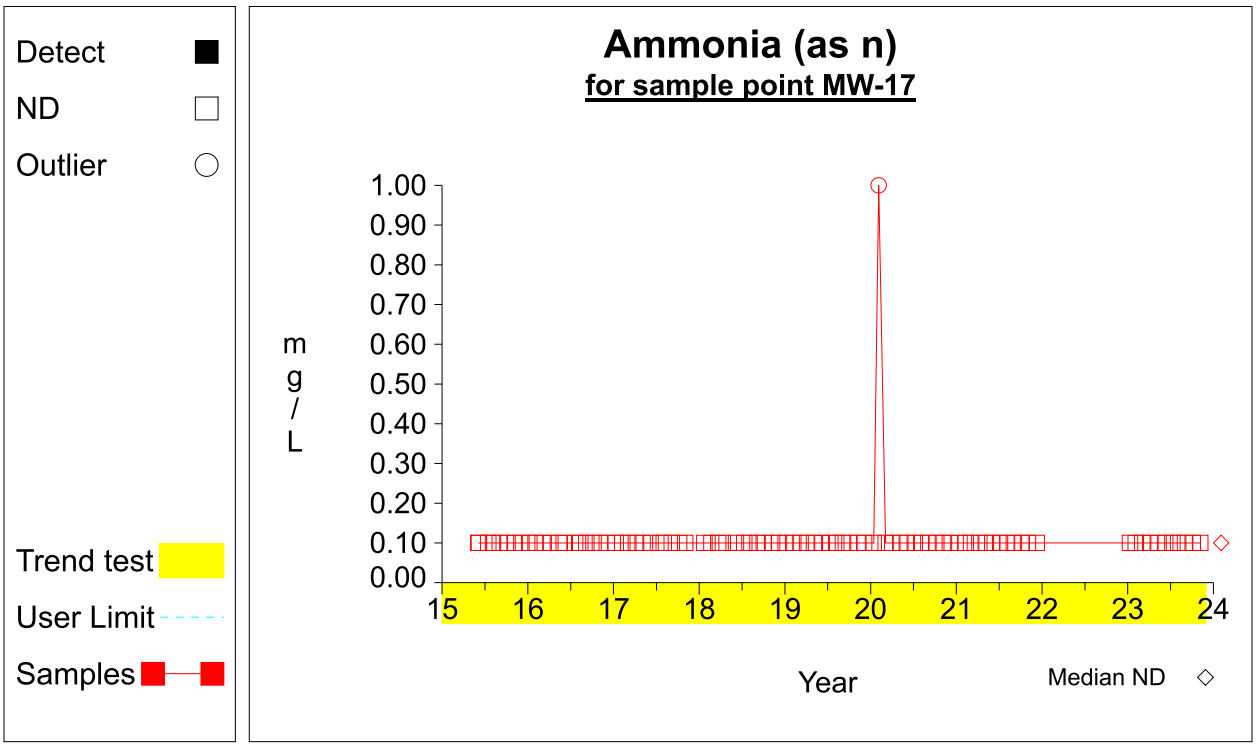

Detect
ND
Outlier
Trend test
User Limit
Samples
Ammonia (as n)
for sample point LGW-9
mg/L
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
06
08
10
12
14
16
18
20
22
24
Year
Median ND

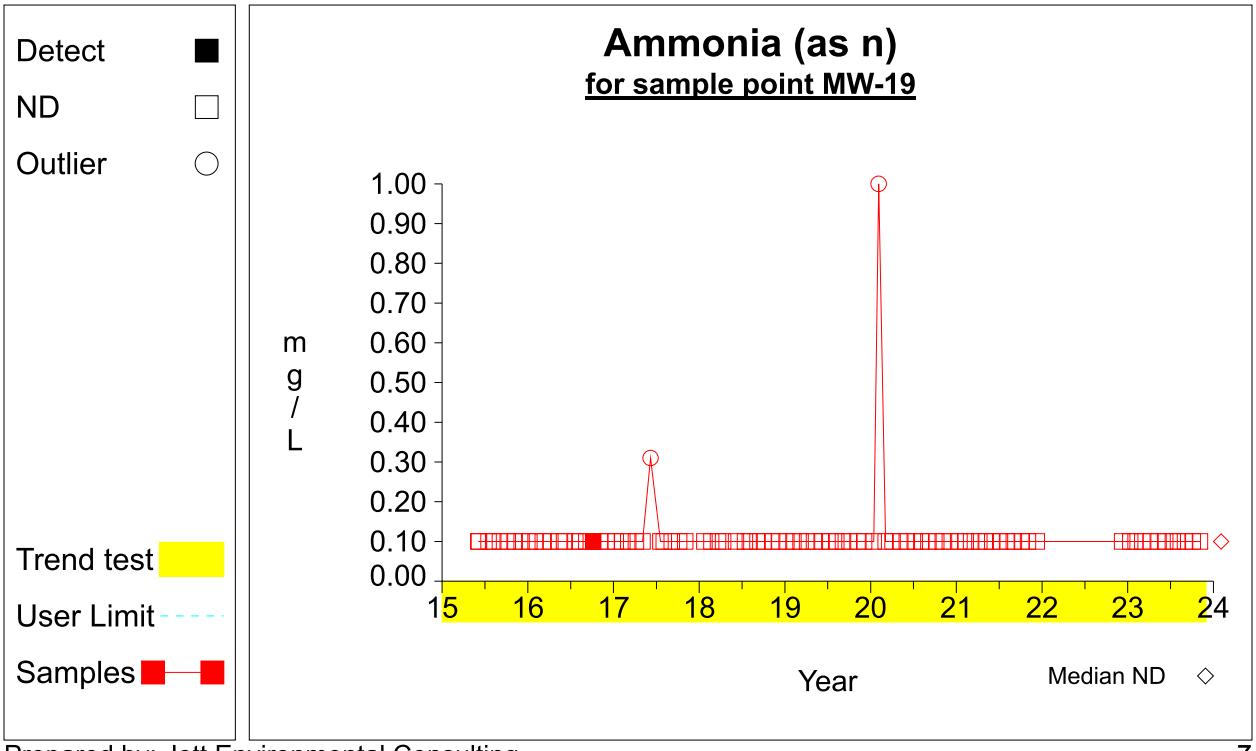
Time Series


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

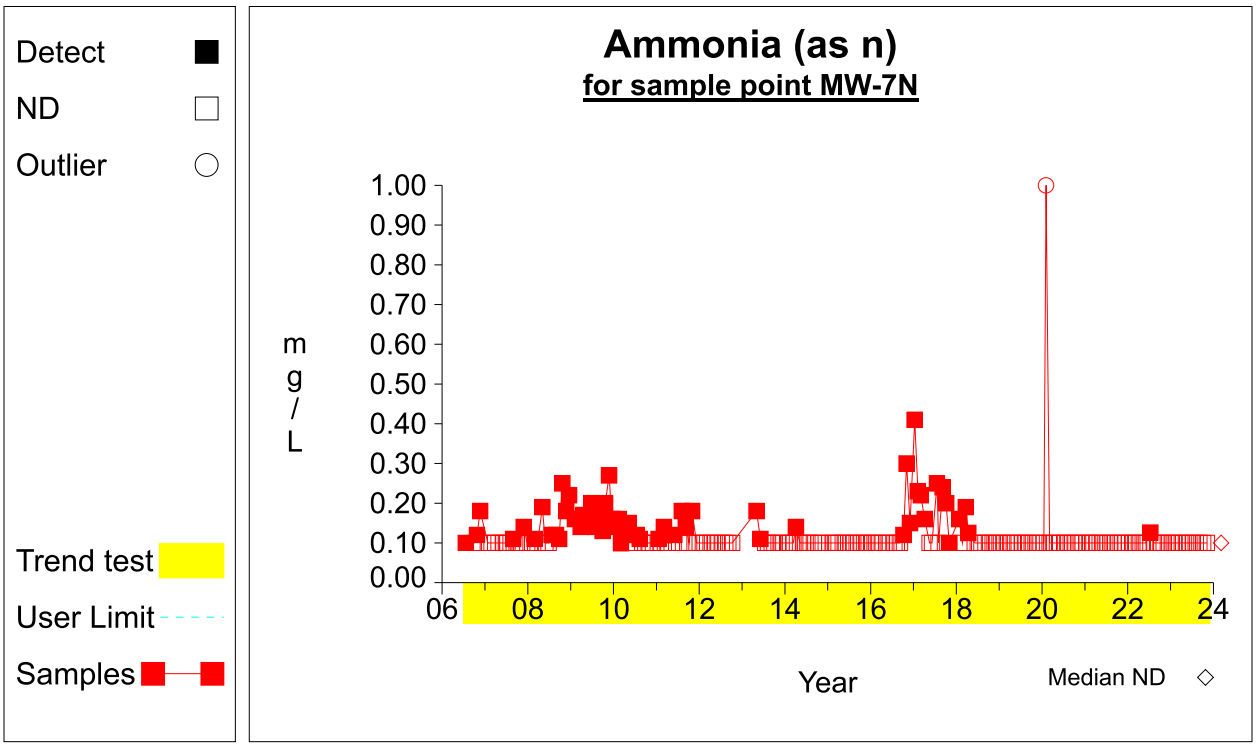

Detect
ND
Outlier
Trend test
User Limit
Samples
Ammonia (as n)
for sample point MW-16
mg/L
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
15
16
17
18
19
20
21
22
23
24
Year
Median ND

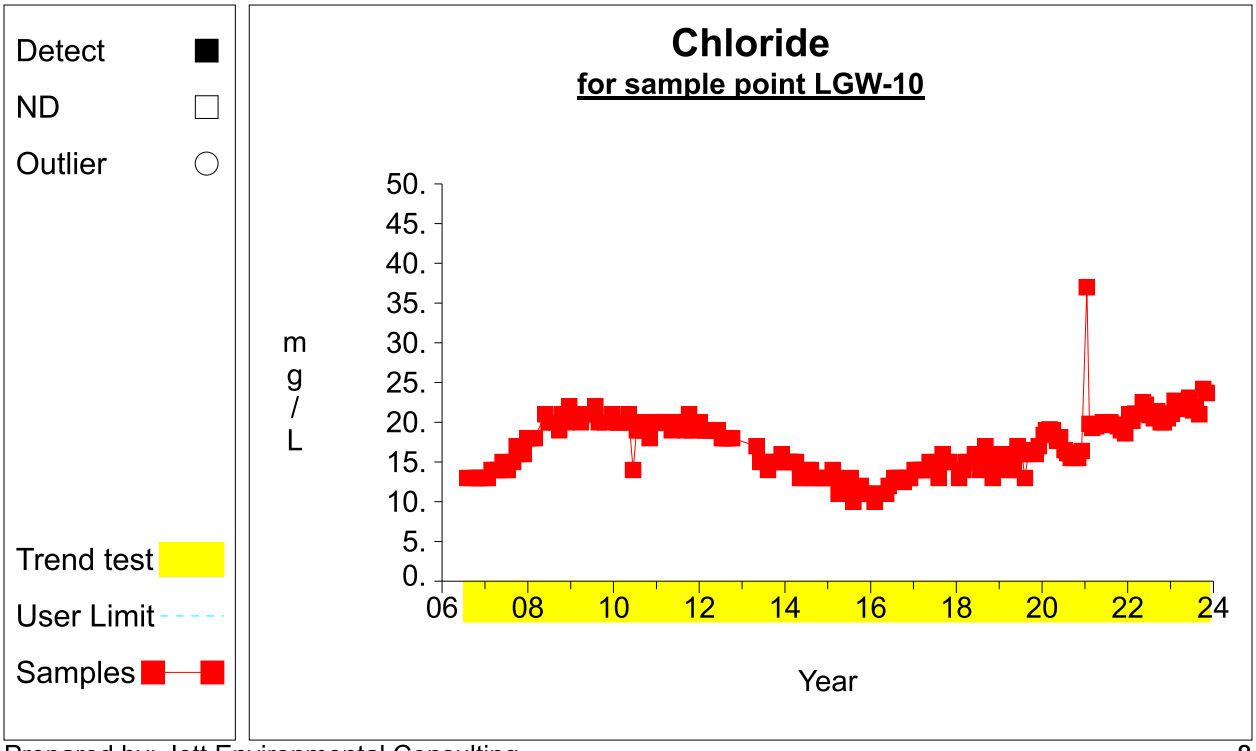
Time Series


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

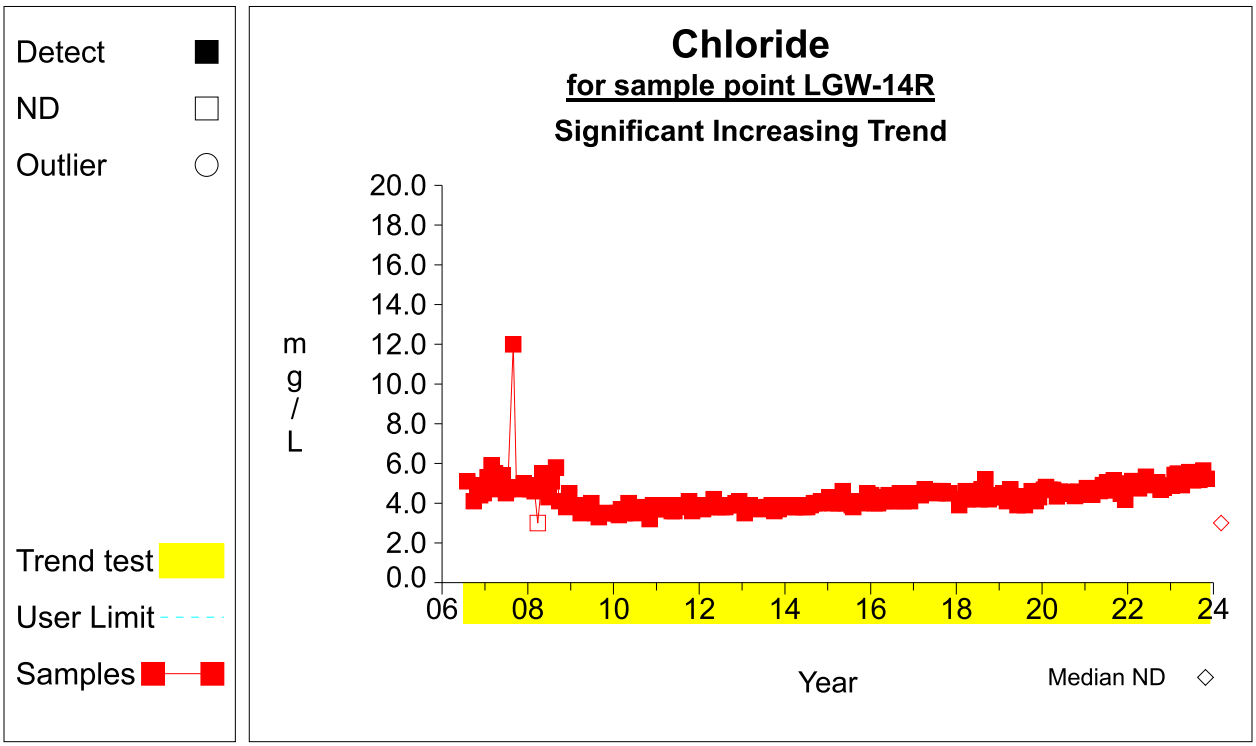

Detect
ND
Outlier
Trend test
User Limit
Samples
Ammonia (as n)
for sample point MW-19
mg/L
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
15
16
17
18
19
20
21
22
23
24
Year
Median ND

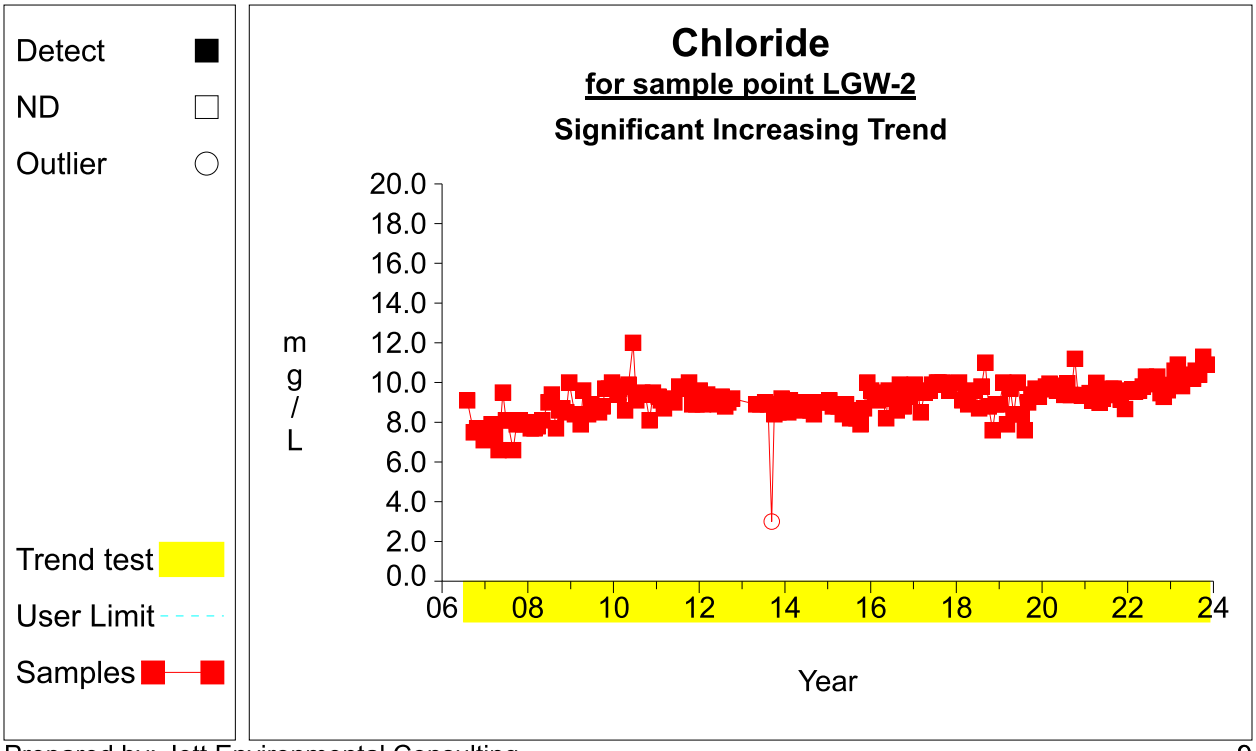
Time Series


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

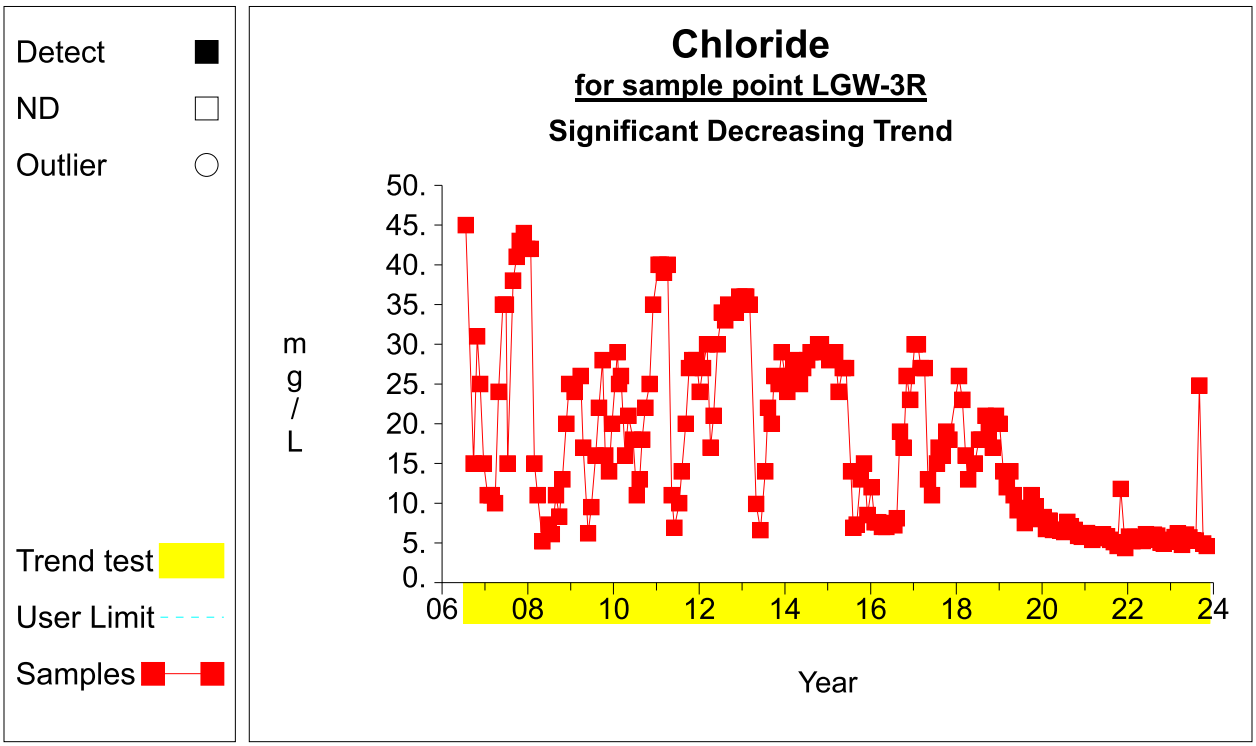

Detect
ND
Outlier
Trend test
User Limit
Samples
Chloride
for sample point LGW-10
mg/L
50.
45.
40.
35.
30.
25.
20.
15.
10.
5.
0.
06
08
10
12
14
16
18
20
22
24
Year

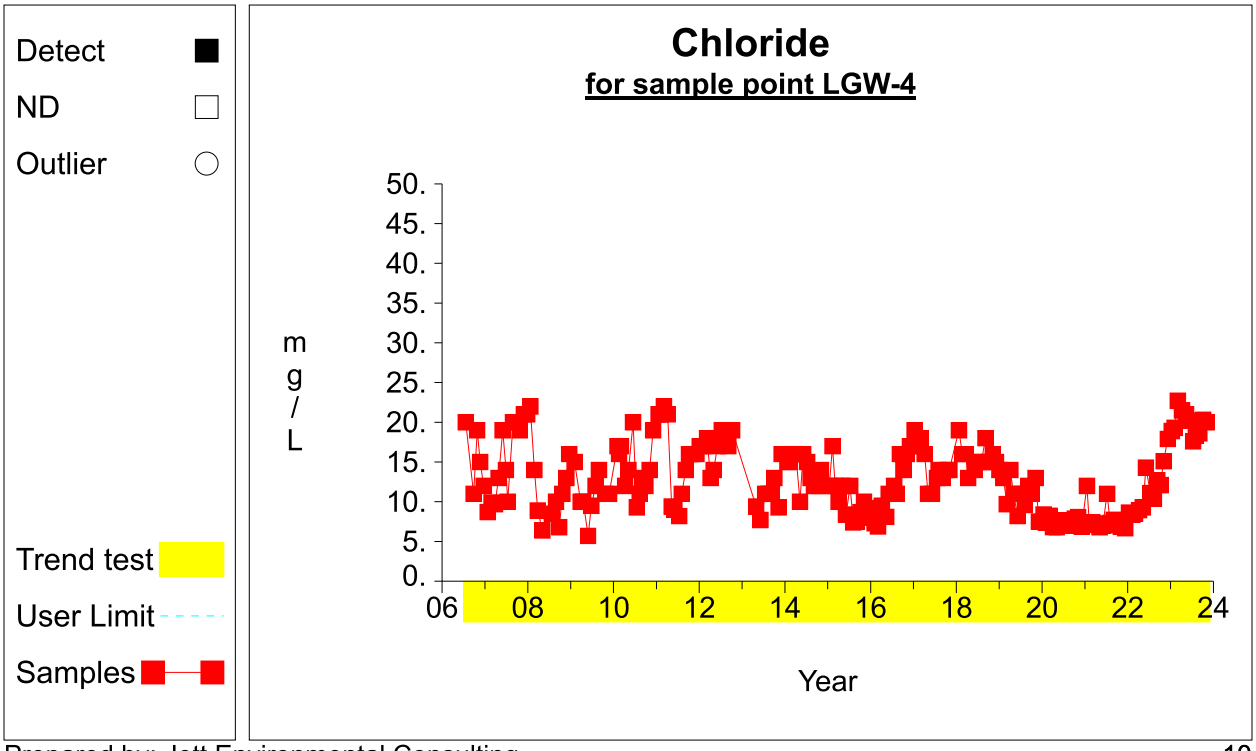
Time Series


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

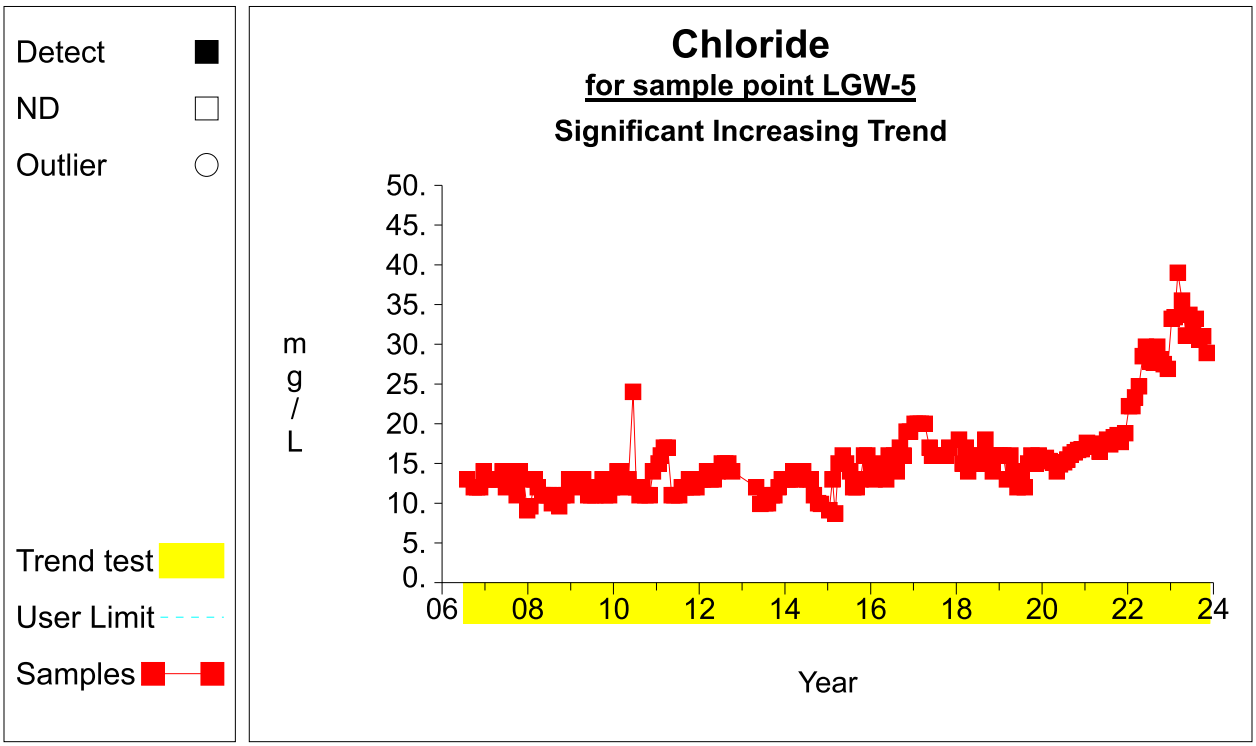

Detect
ND
Outlier
Trend test
User Limit
Samples
Chloride
for sample point LGW-2
Significant Increasing Trend
mg/L
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
06
08
10
12
14
16
18
20
22
24
Year

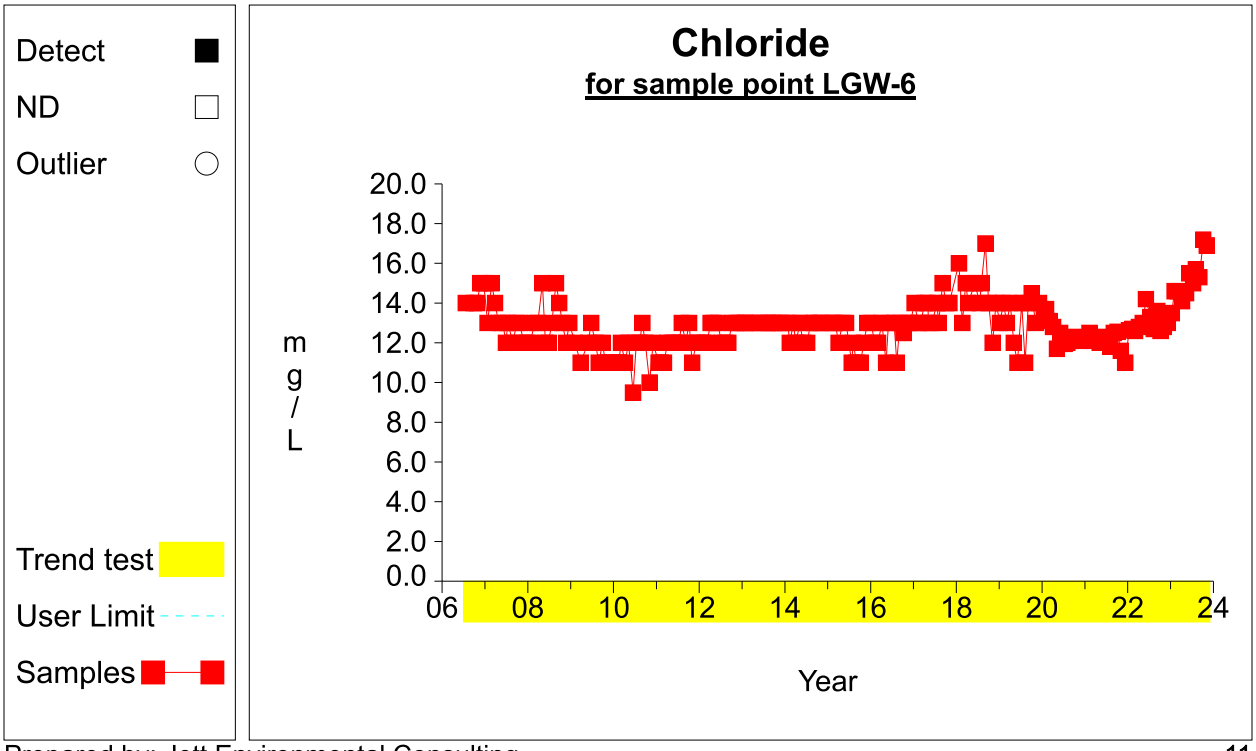
Time Series


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

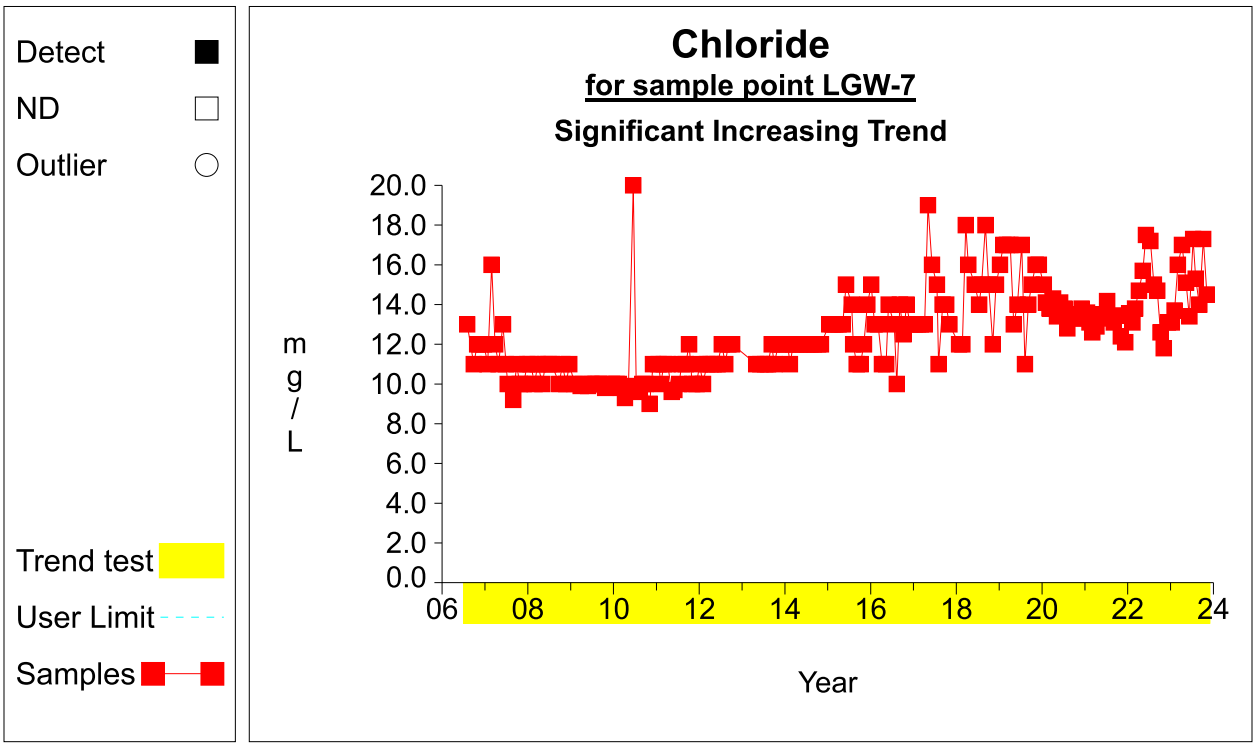

Detect
ND
Outlier
Trend test
User Limit
Samples
Chloride
for sample point LGW-4
mg/L
50.
45.
40.
35.
30.
25.
20.
15.
10.
5.
0.
06
08
10
12
14
16
18
20
22
24
Year

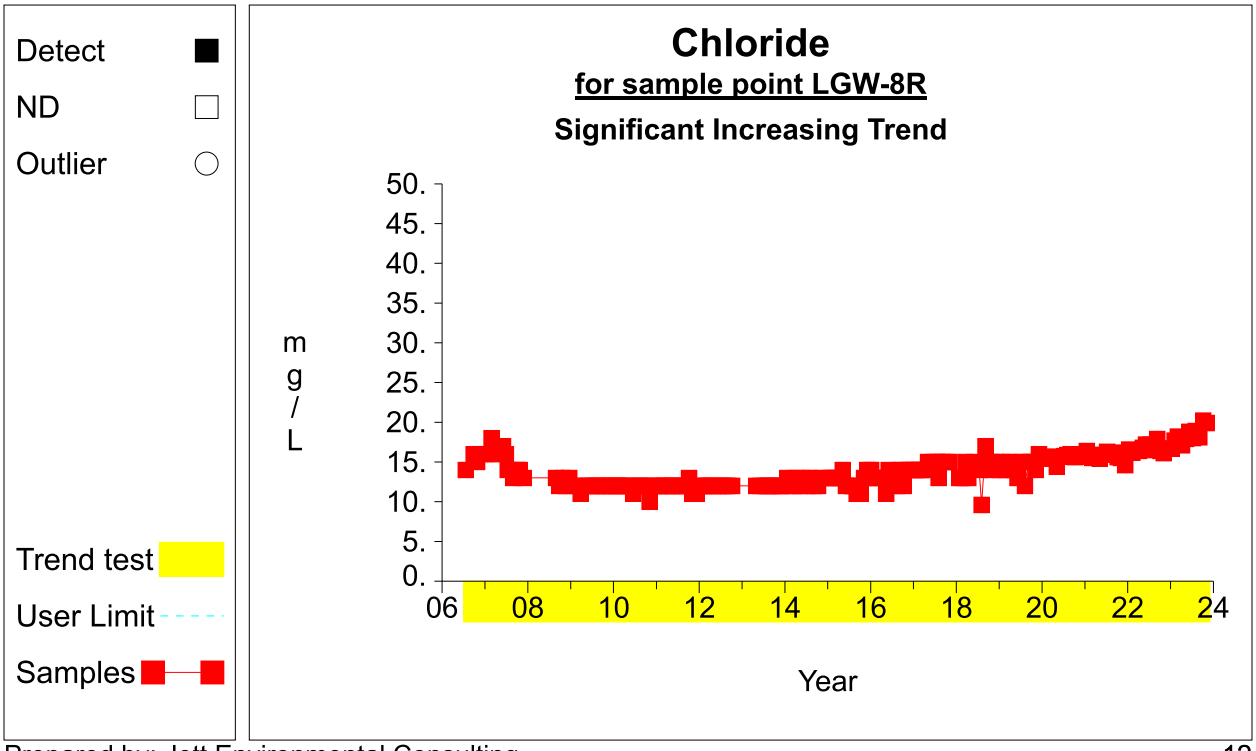
Time Series


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

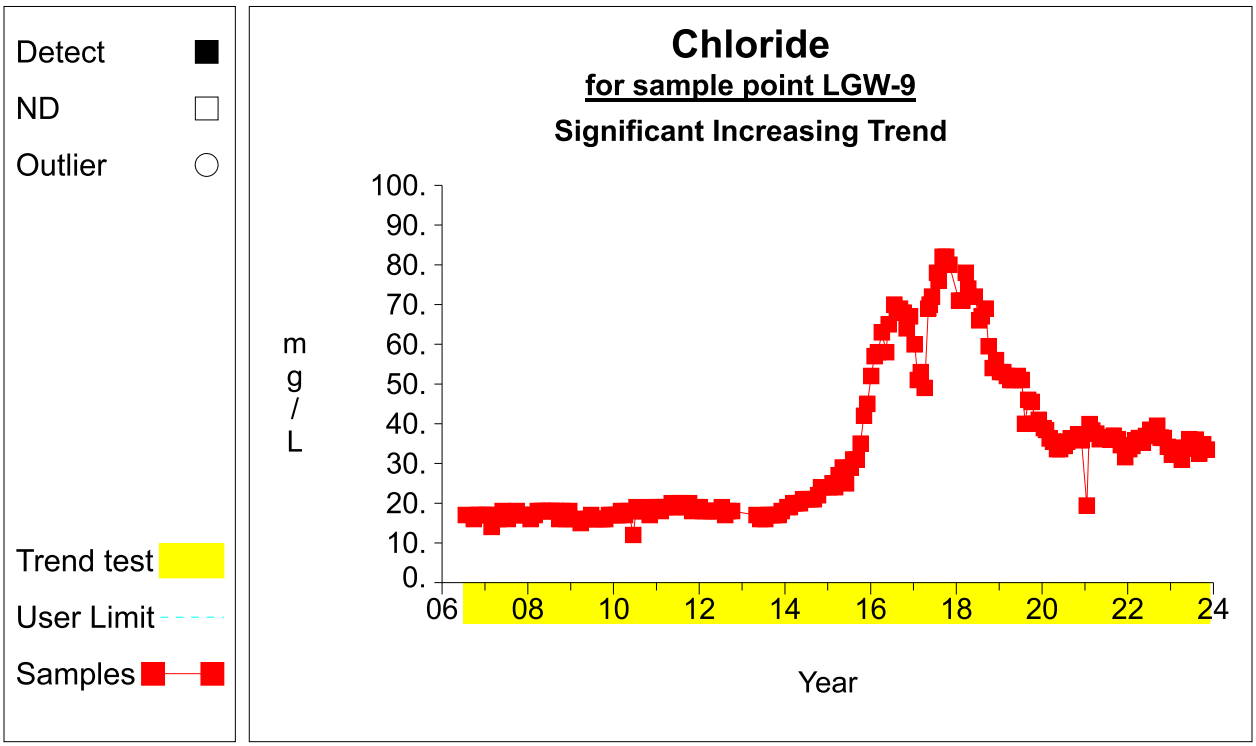

Detect
ND
Outlier
Trend test
User Limit
Samples
Chloride
for sample point LGW-6
mg/L
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
06
08
10
12
14
16
18
20
22
24
Year

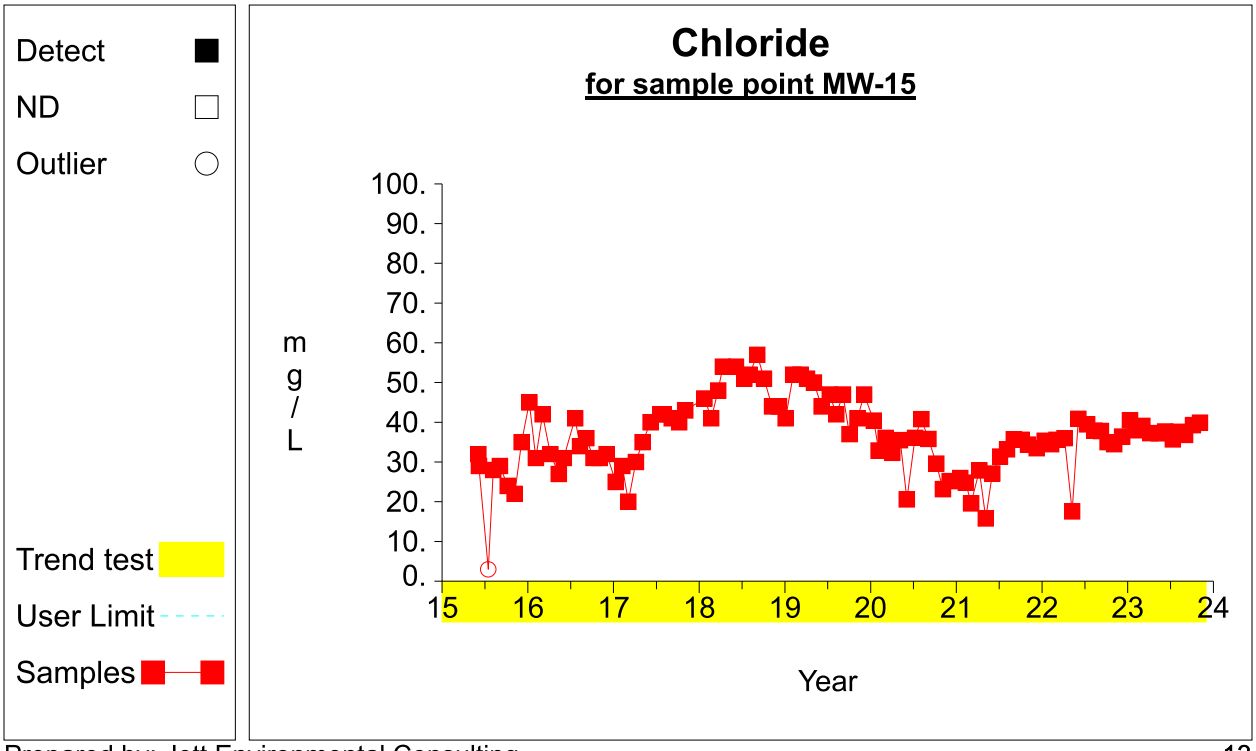
Time Series


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

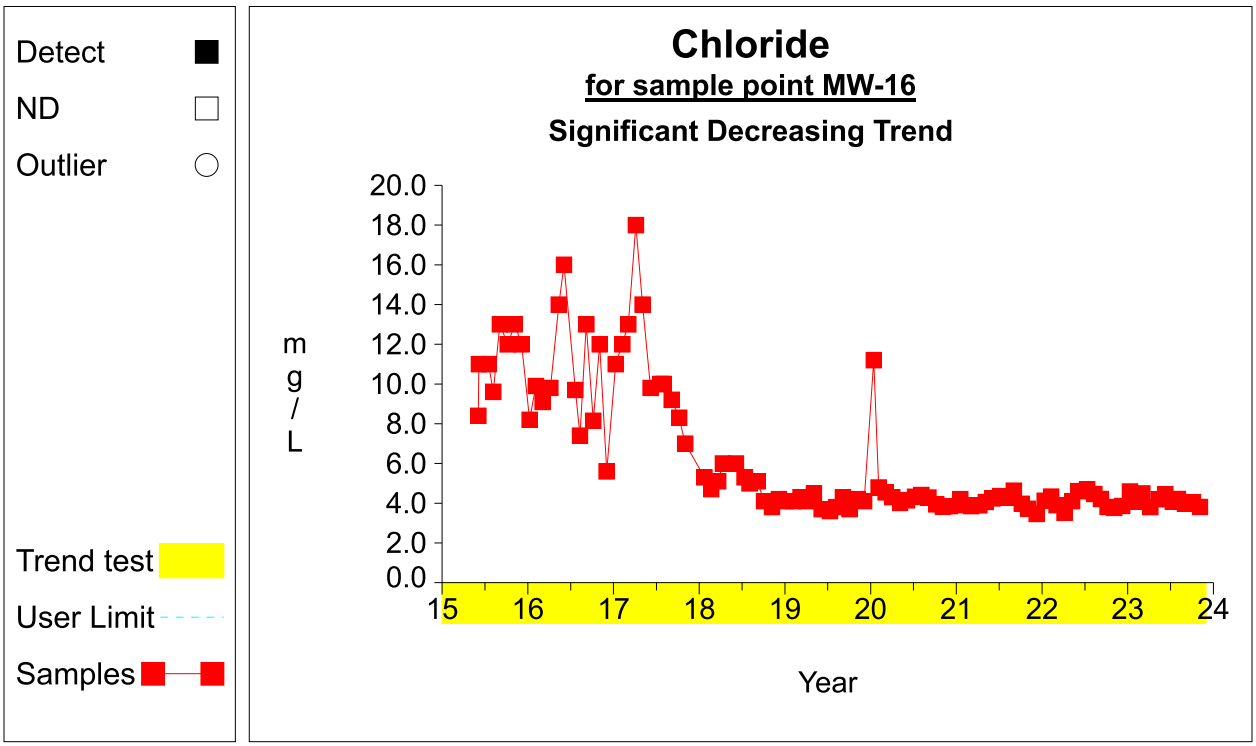

Detect
ND
Outlier
Trend test
User Limit
Samples
Chloride
for sample point LGW-8R
Significant Increasing Trend
mg/L
50.
45.
40.
35.
30.
25.
20.
15.
10.
5.
0.
06
08
10
12
14
16
18
20
22
24
Year

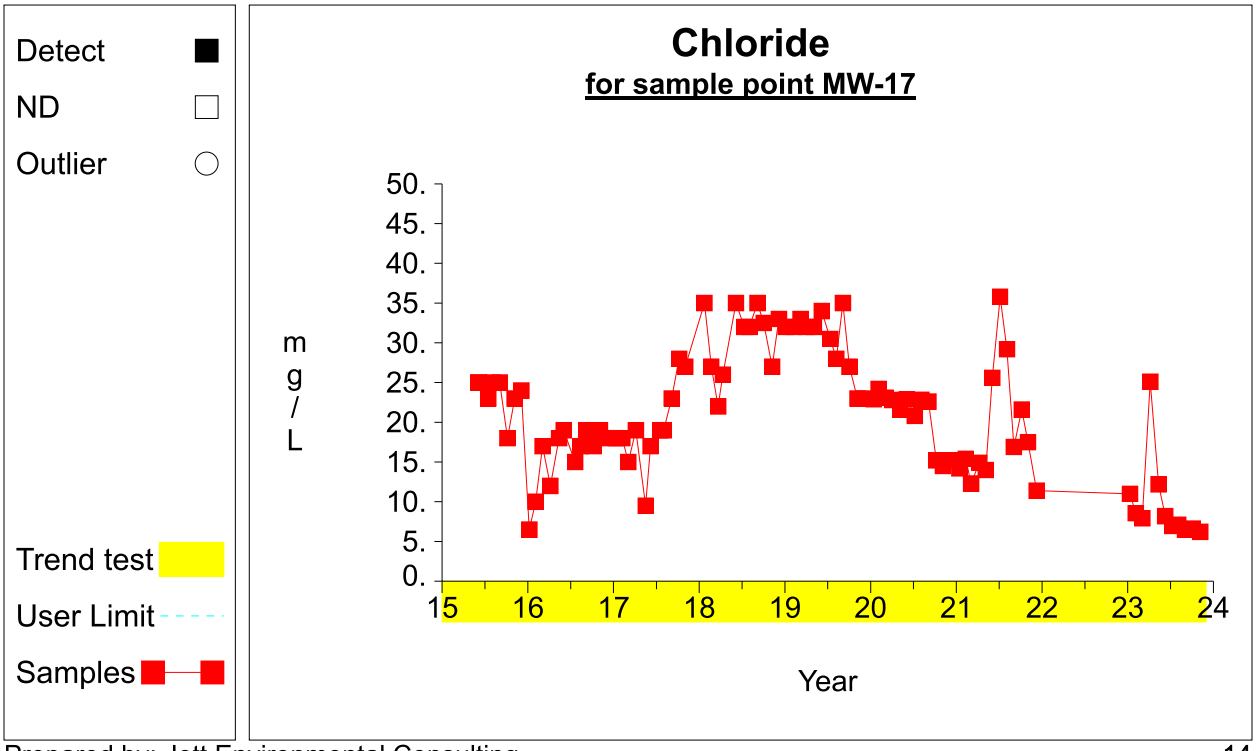
Time Series


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

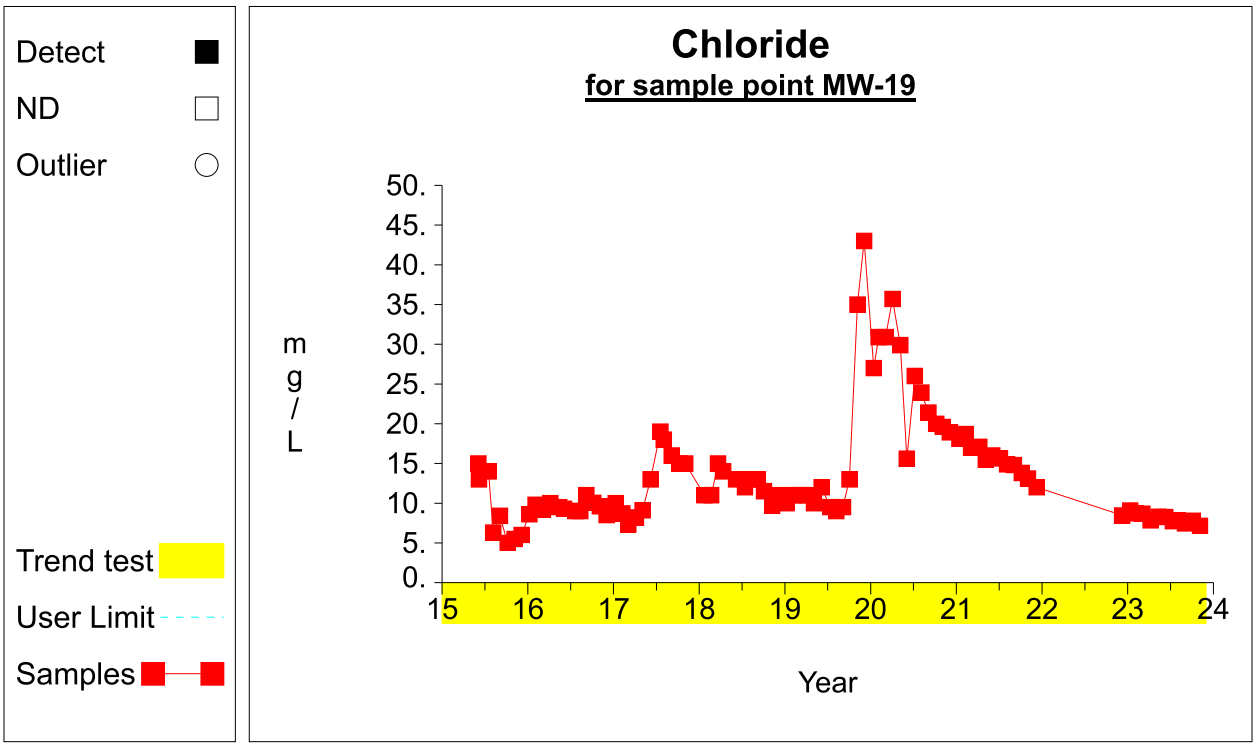

Detect
ND
Outlier
Trend test
User Limit
Samples
Chloride
for sample point MW-15
mg/L
100.
90.
80.
70.
60.
50.
40.
30.
20.
10.
0.
15
16
17
18
19
20
21
22
23
24
Year

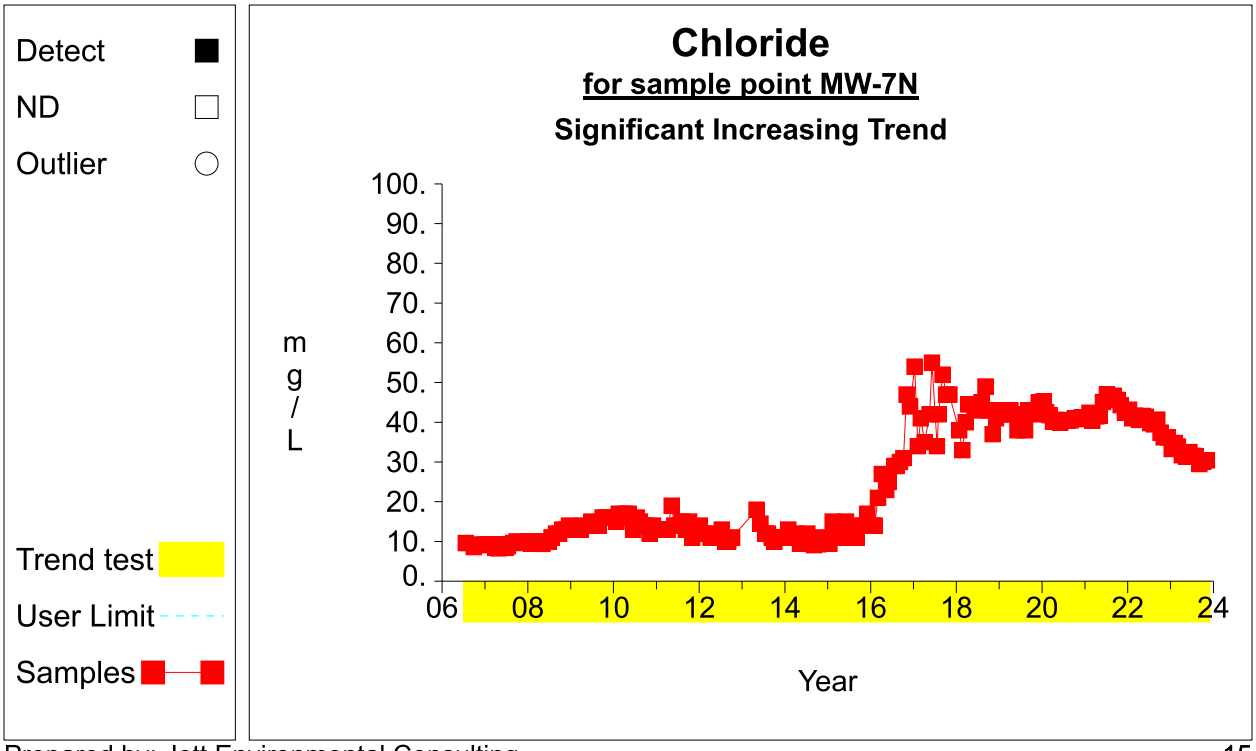
Time Series


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

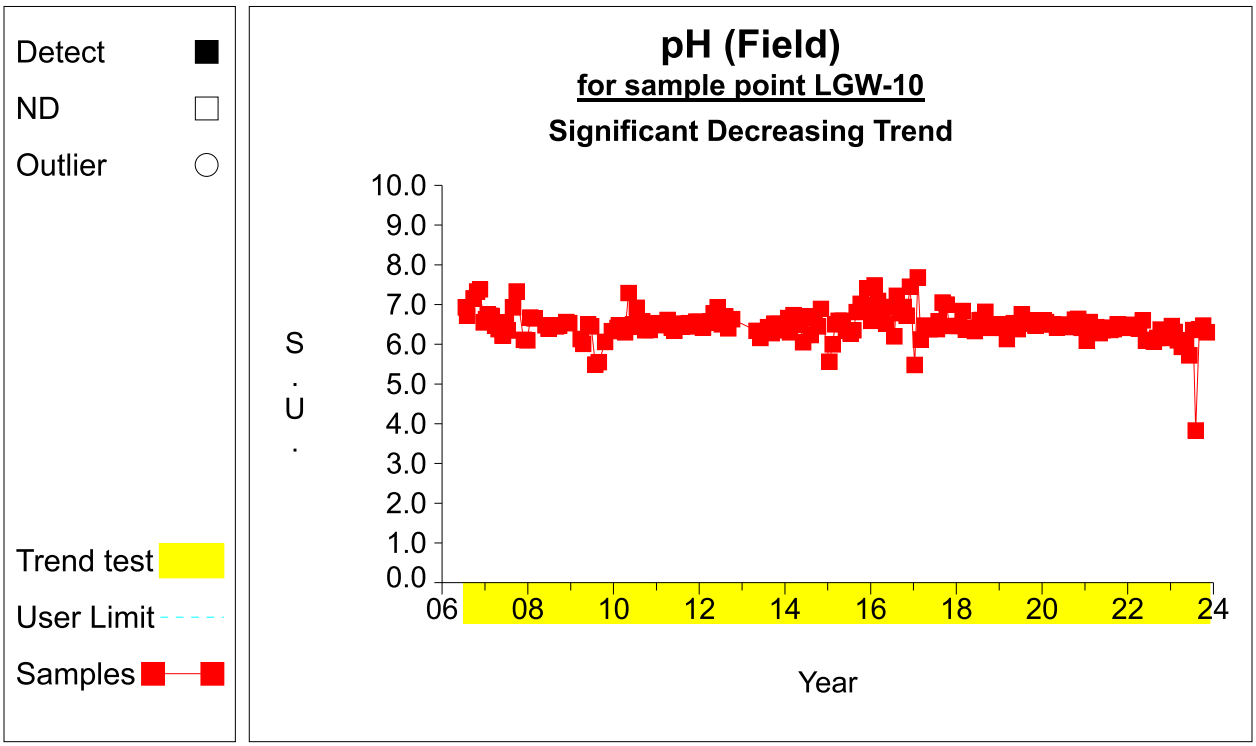

Detect
ND
Outlier
Trend test
User Limit
Samples
Chloride
for sample point MW-17
mg/L
50.
45.
40.
35.
30.
25.
20.
15.
10.
5.
0.
15
16
17
18
19
20
21
22
23
24
Year

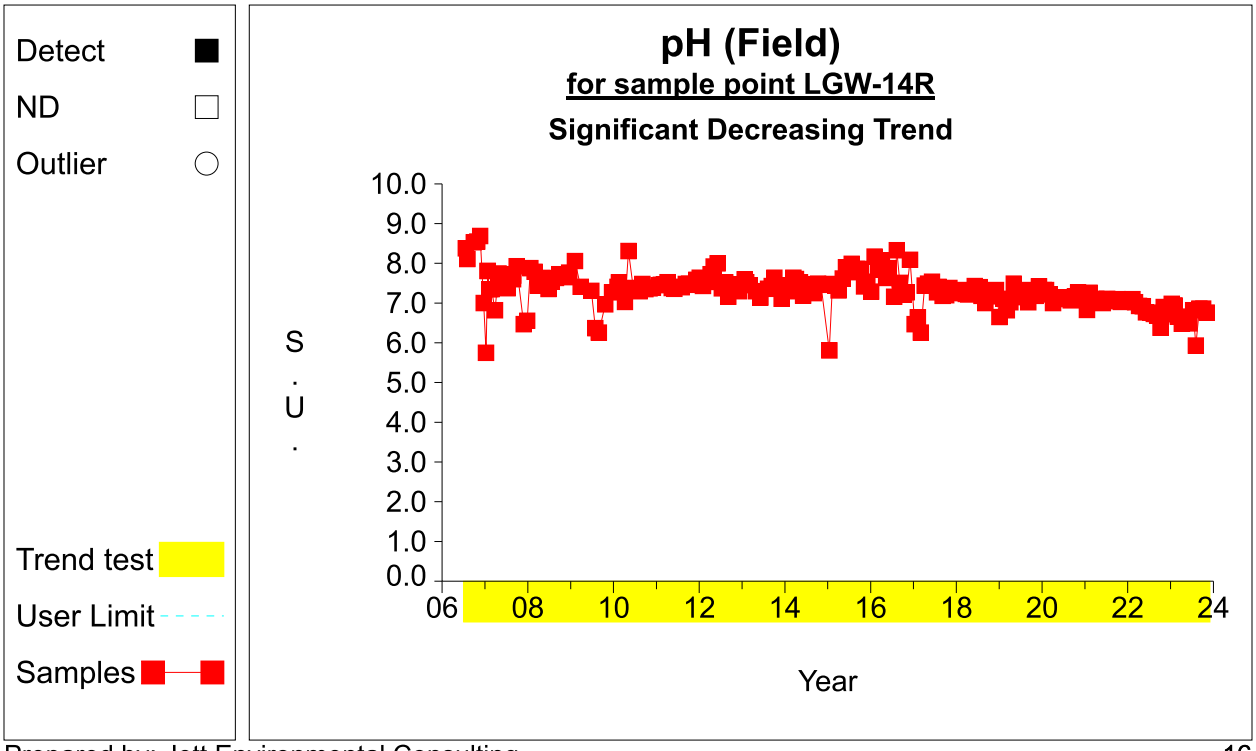
Time Series


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

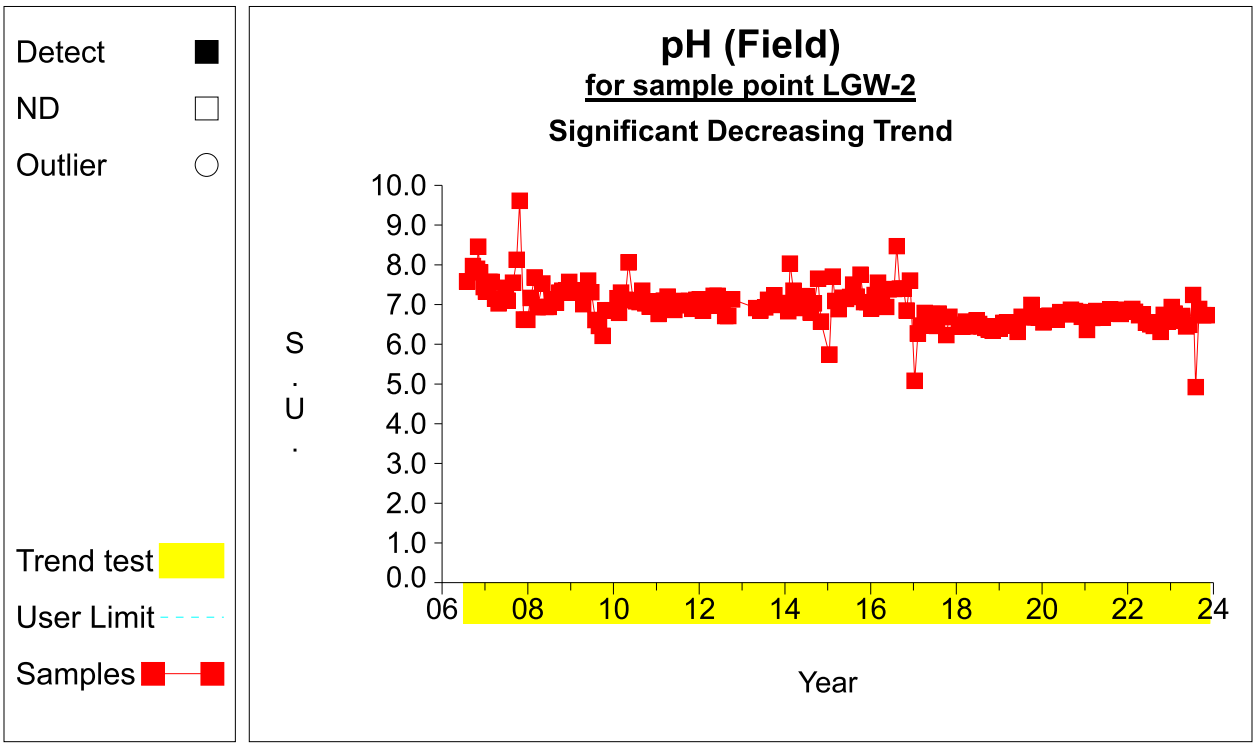

Detect
ND
Outlier
Trend test
User Limit
Samples
Chloride
for sample point MW-7N
Significant Increasing Trend
mg/L
100.
90.
80.
70.
60.
50.
40.
30.
20.
10.
0.
06
08
10
12
14
16
18
20
22
24
Year

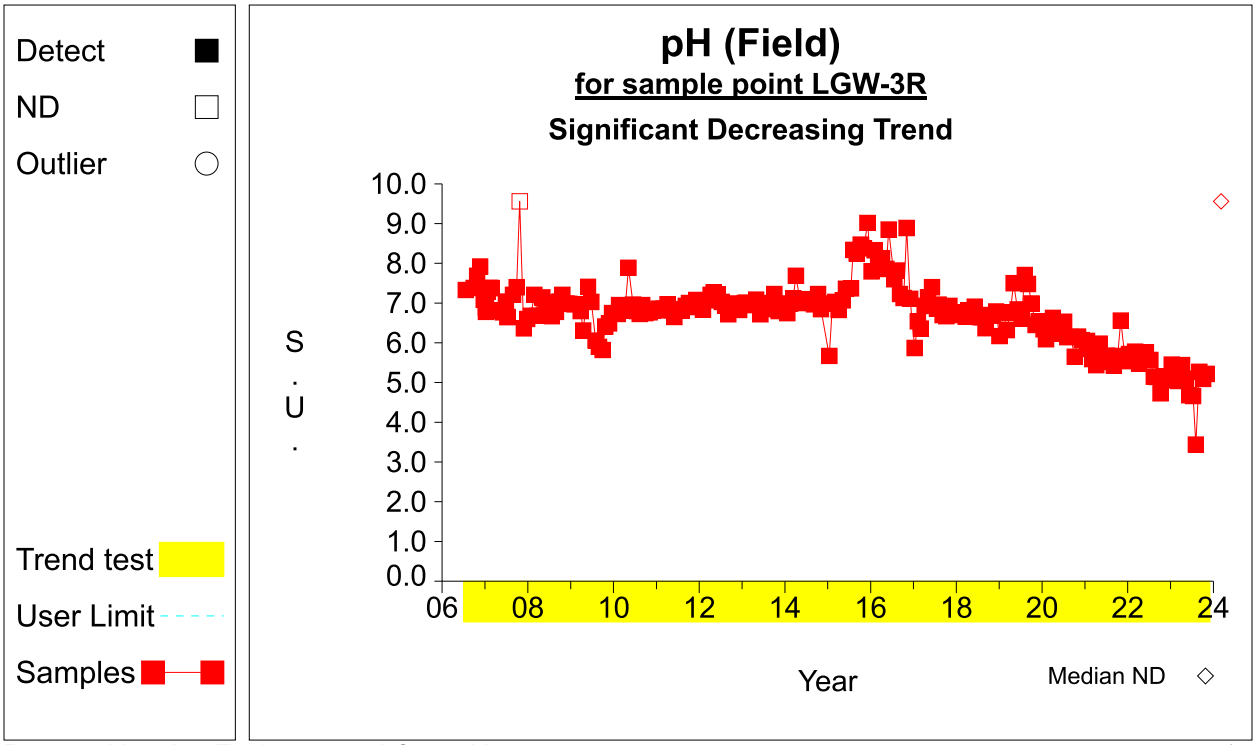
Time Series


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

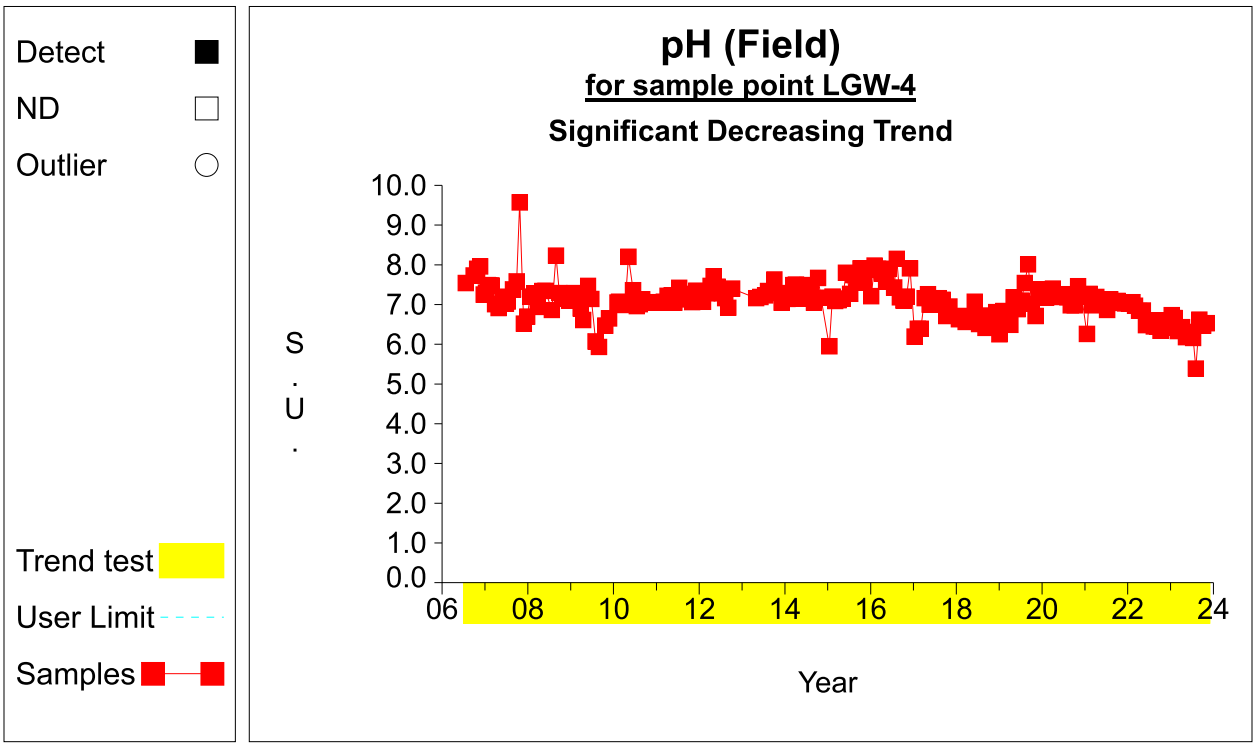

Detect
ND
Outlier
Trend test
User Limit
Samples
pH (Field)
for sample point LGW-14R
Significant Decreasing Trend
S.U.
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
06
08
10
12
14
16
18
20
22
24
Year

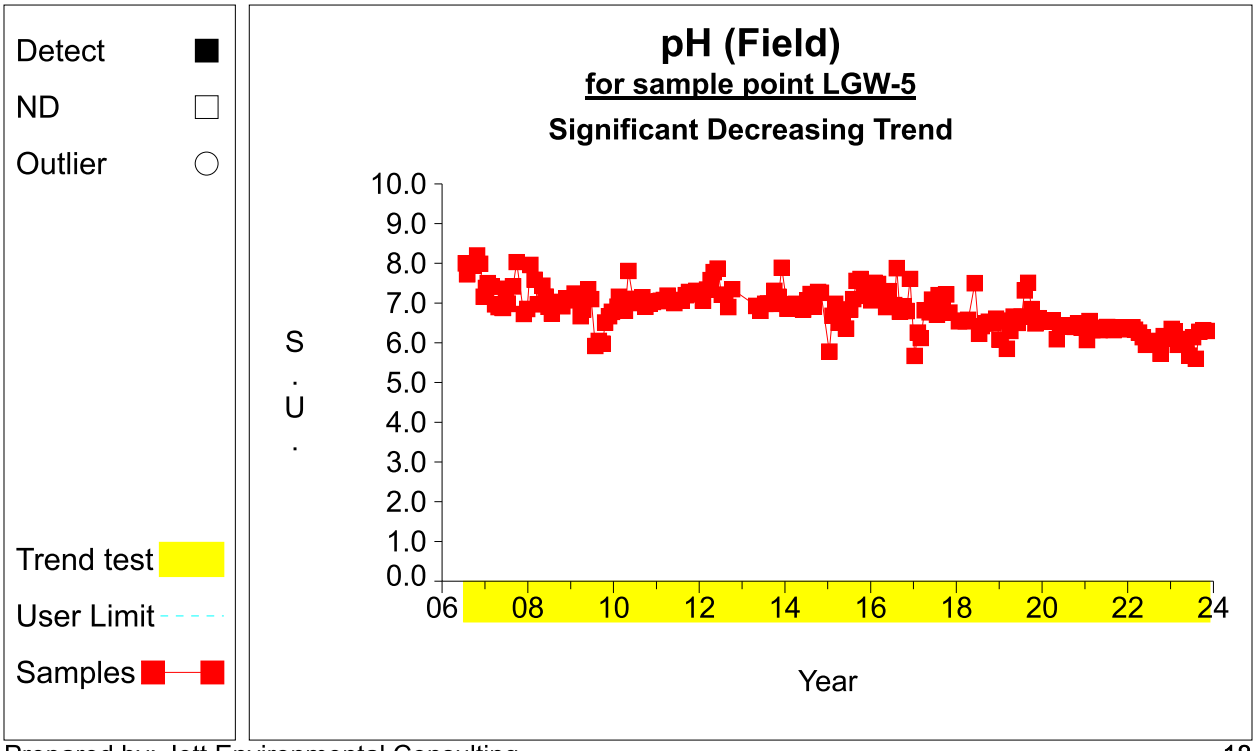
Time Series


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

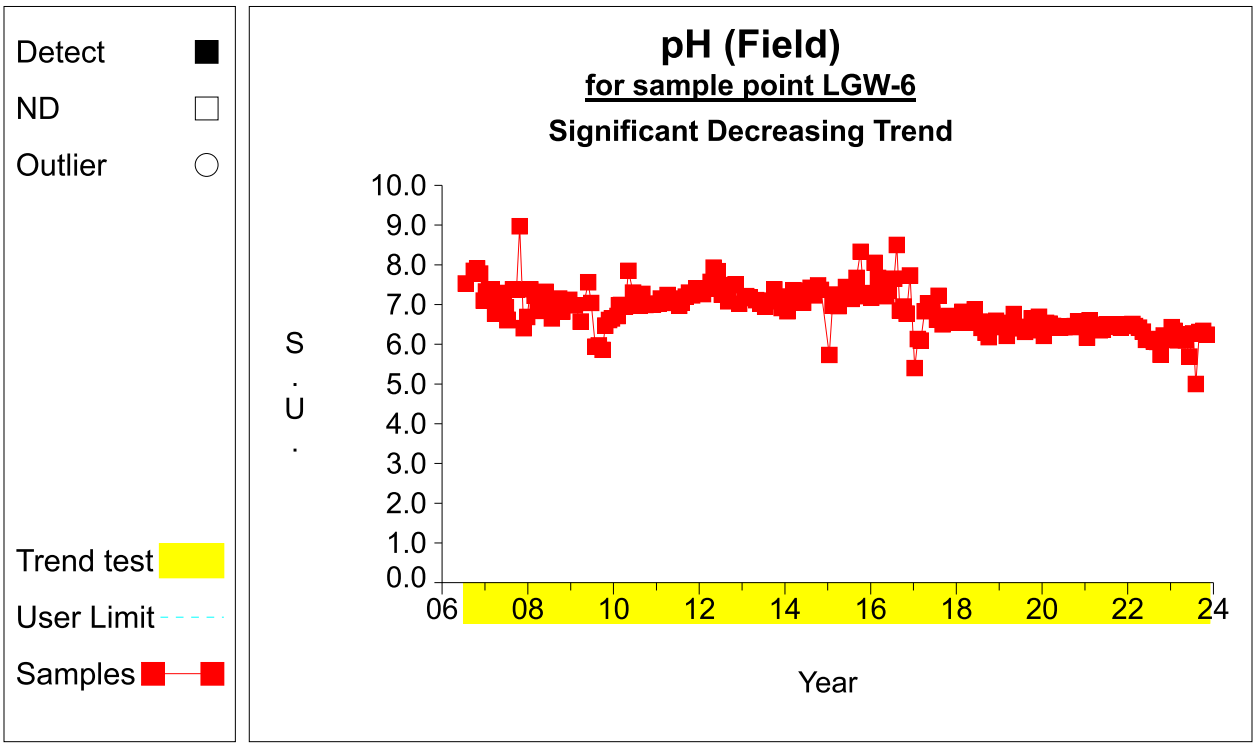

Detect
ND
Outlier
Trend test
User Limit
Samples
pH (Field)
for sample point LGW-3R
Significant Decreasing Trend
S.U.
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
06
08
10
12
14
16
18
20
22
24
Year
Median ND

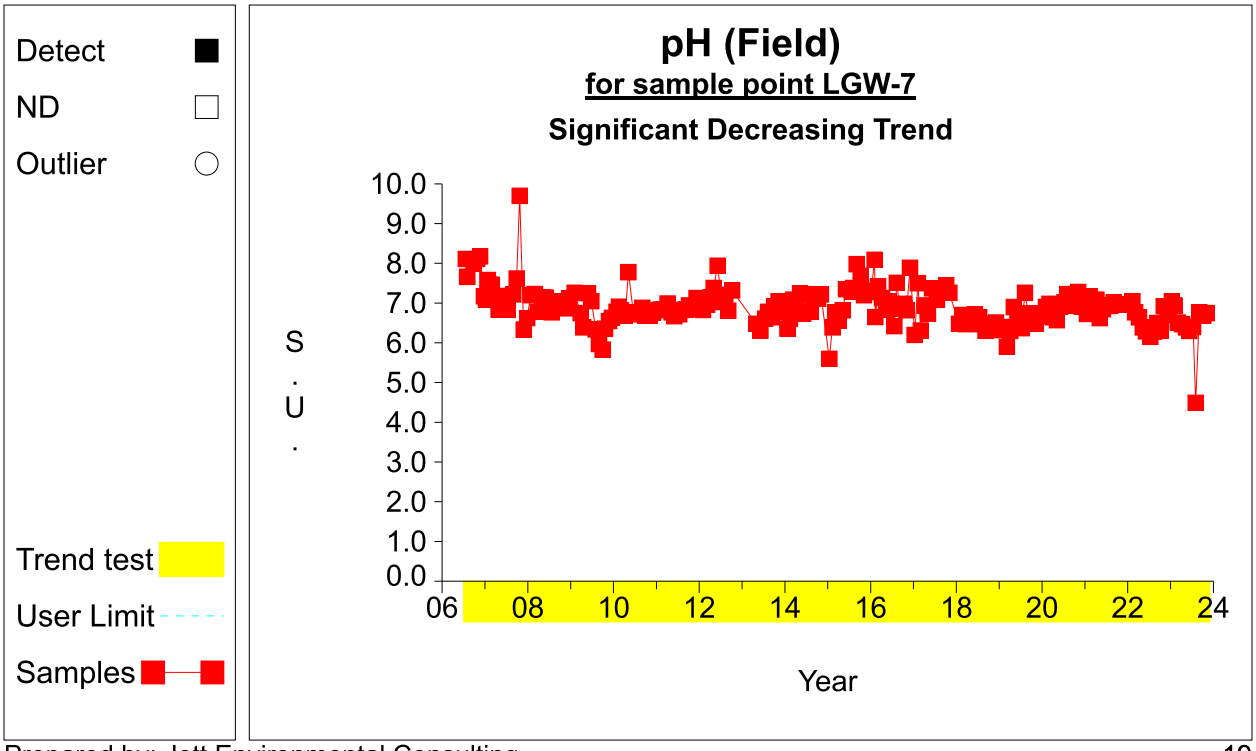
Time Series


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

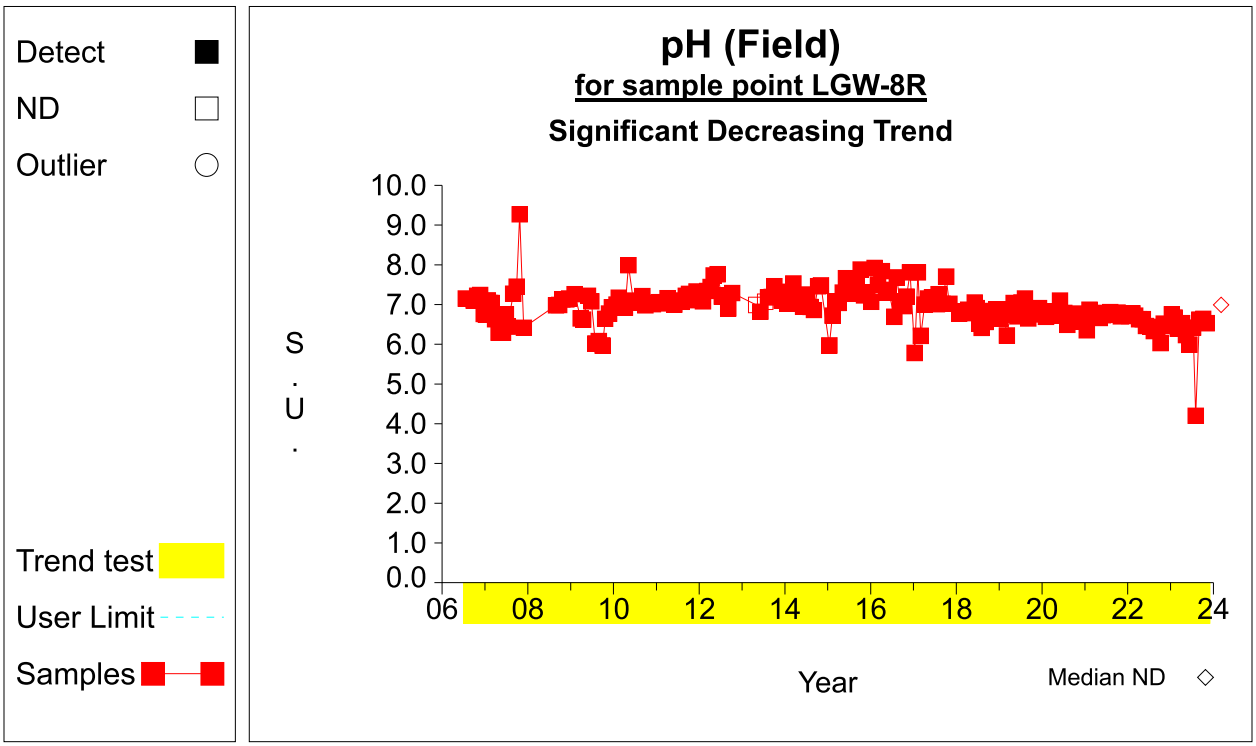

Detect
ND
Outlier
Trend test
User Limit
Samples
pH (Field)
for sample point LGW-5
Significant Decreasing Trend
S.U.
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
06
08
10
12
14
16
18
20
22
24
Year

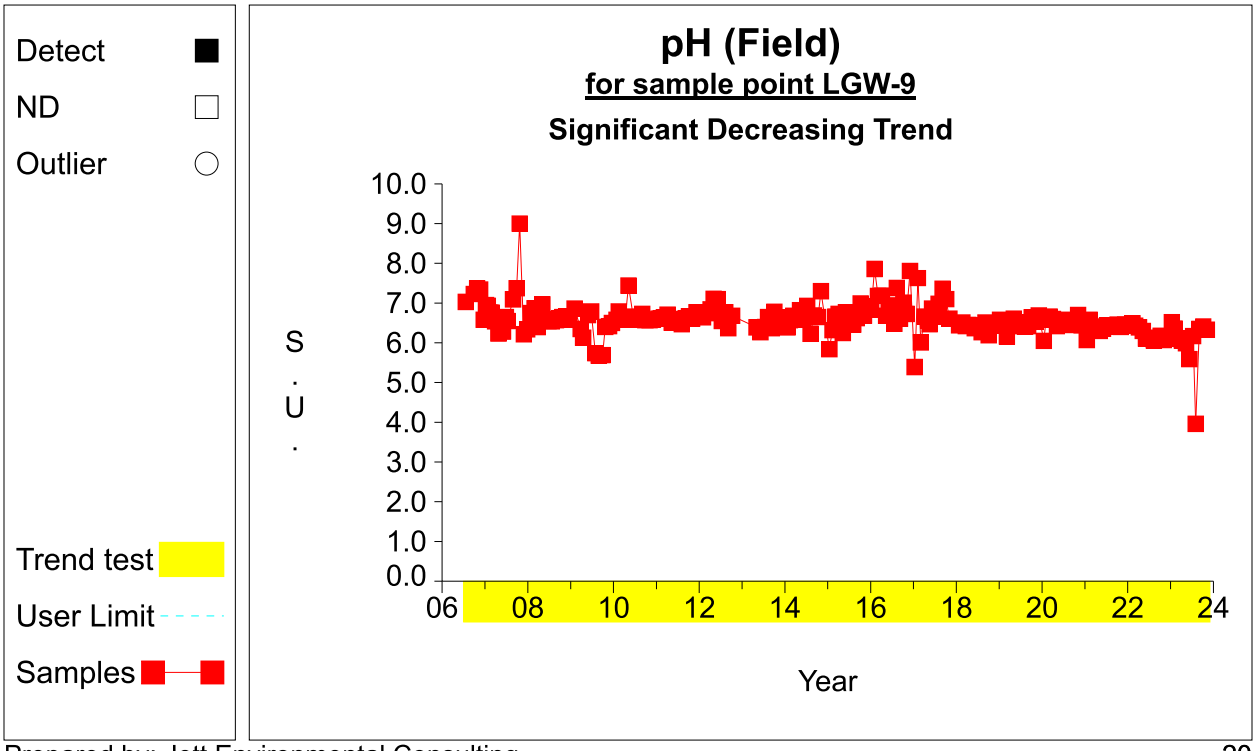
Time Series


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

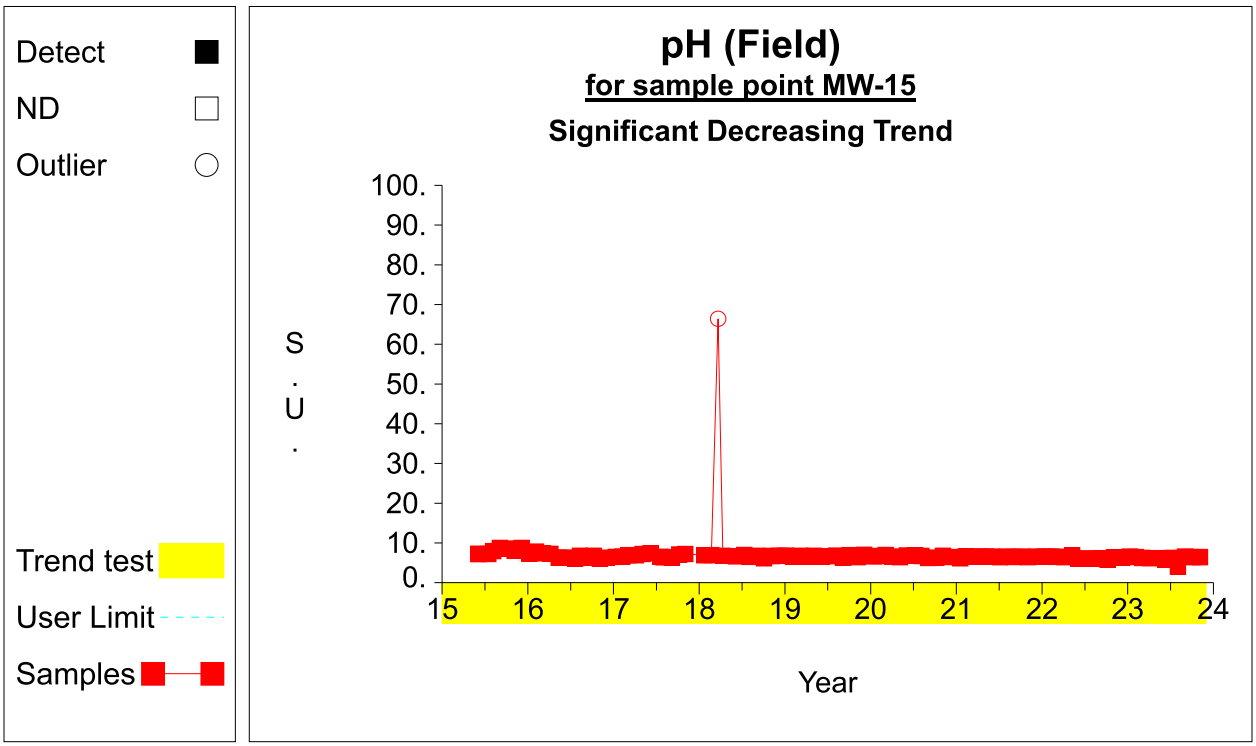

Detect
ND
Outlier
Trend test
User Limit
Samples
pH (Field)
for sample point LGW-7
Significant Decreasing Trend
S.U.
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
06
08
10
12
14
16
18
20
22
24
Year

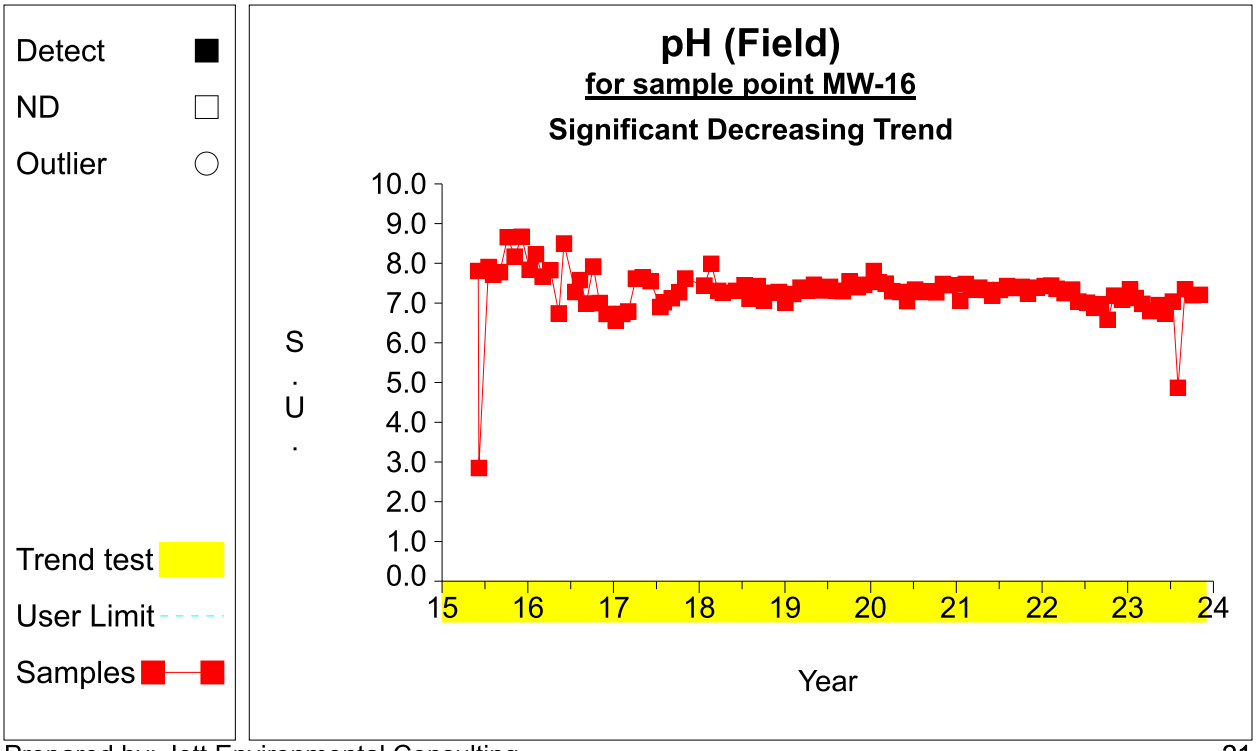
Time Series


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

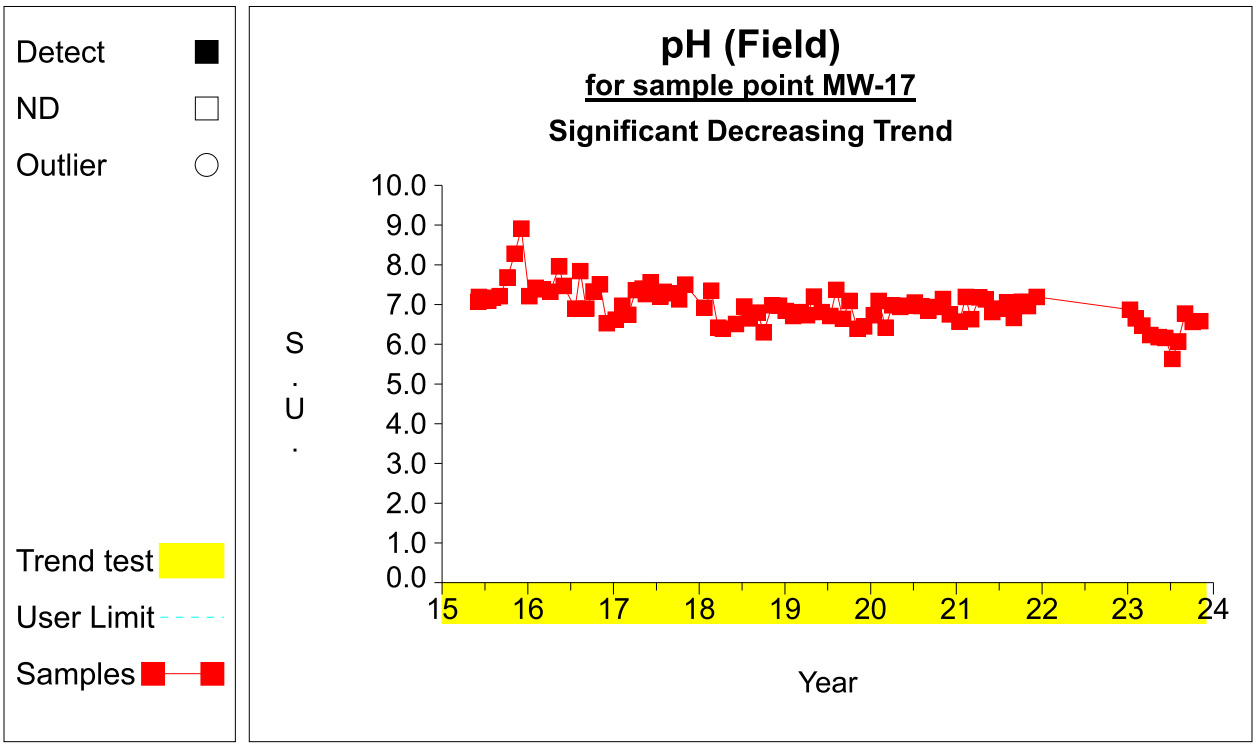

Detect
ND
Outlier
Trend test
User Limit
Samples
pH (Field)
for sample point LGW-9
Significant Decreasing Trend
S.U.
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
06
08
10
12
14
16
18
20
22
24
Year

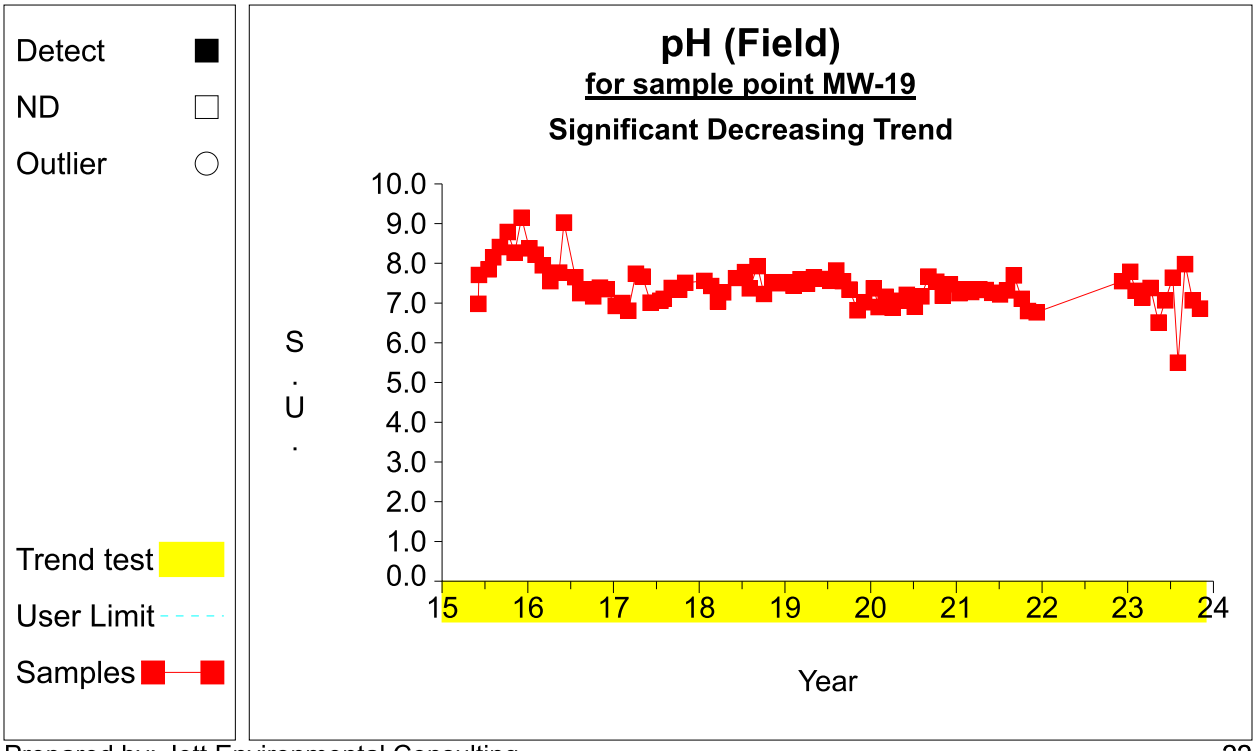
Time Series


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

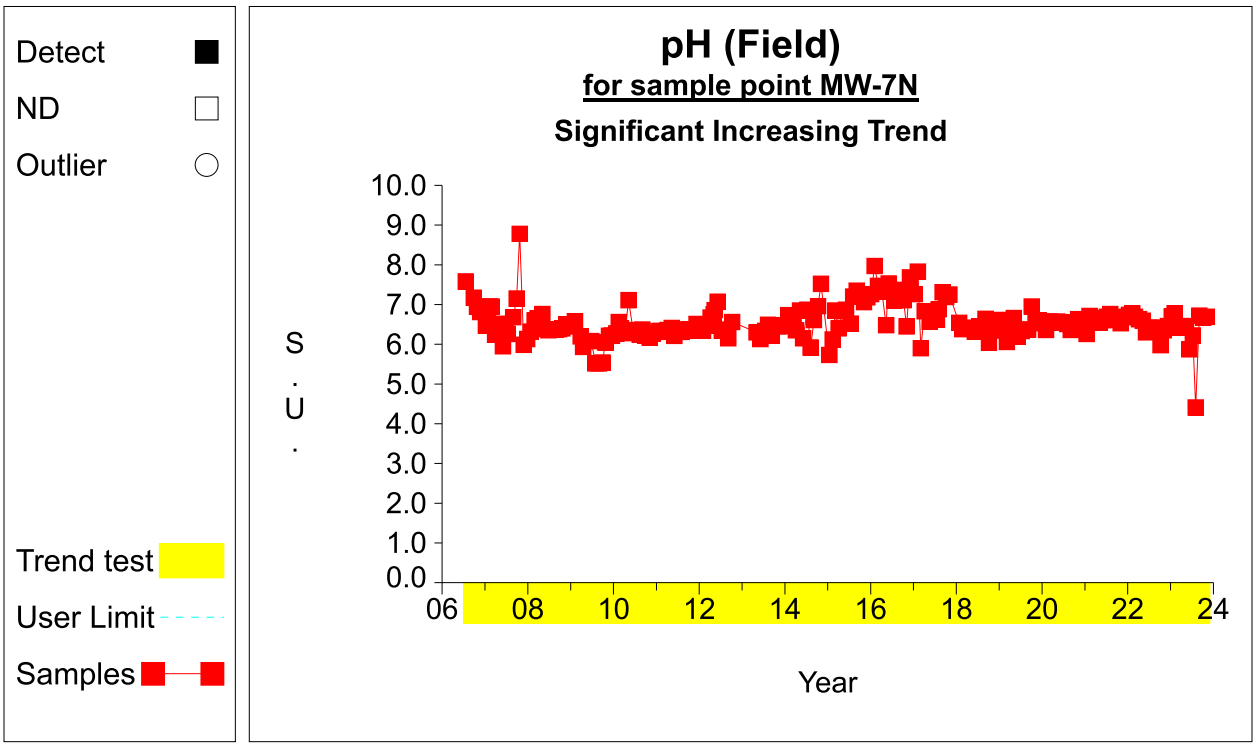

Detect
ND
Outlier
Trend test
User Limit
Samples
pH (Field)
for sample point MW-16
Significant Decreasing Trend
S.U.
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
15
16
17
18
19
20
21
22
23
24
Year

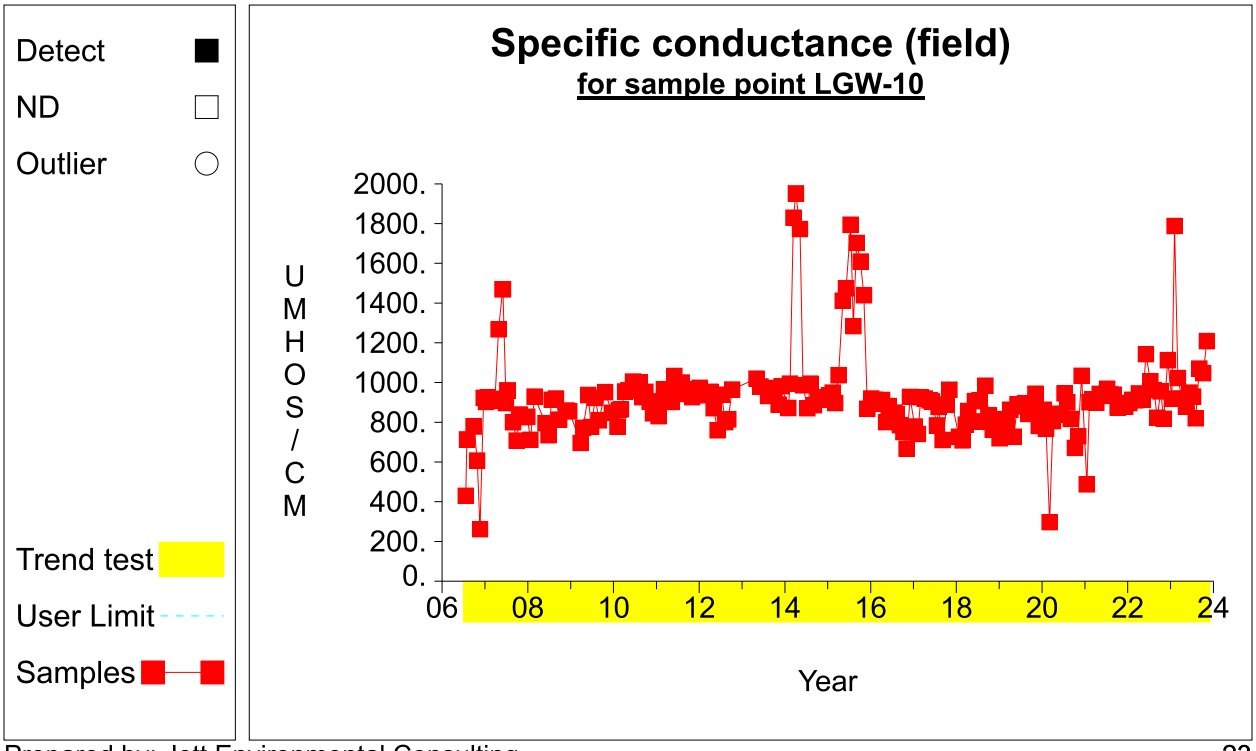
Time Series


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

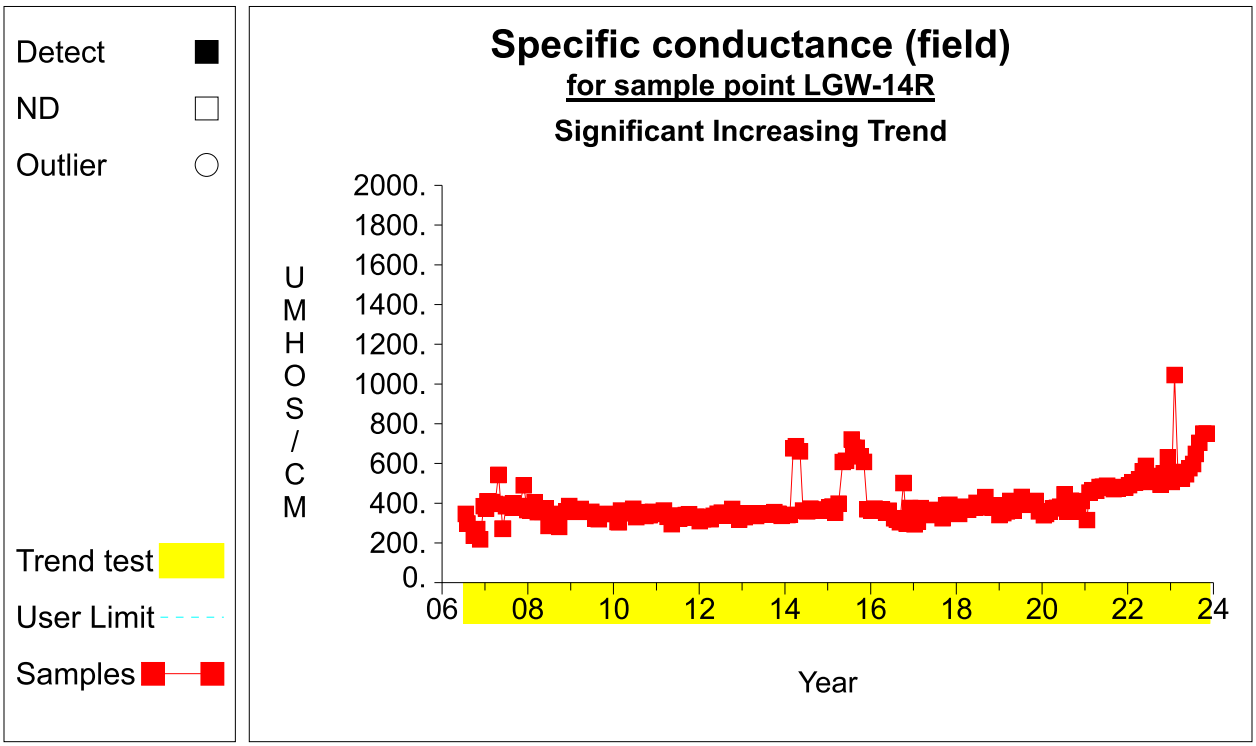

Detect
ND
Outlier
Trend test
User Limit
Samples
pH (Field)
for sample point MW-19
Significant Decreasing Trend
S.U.
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
15
16
17
18
19
20
21
22
23
24
Year

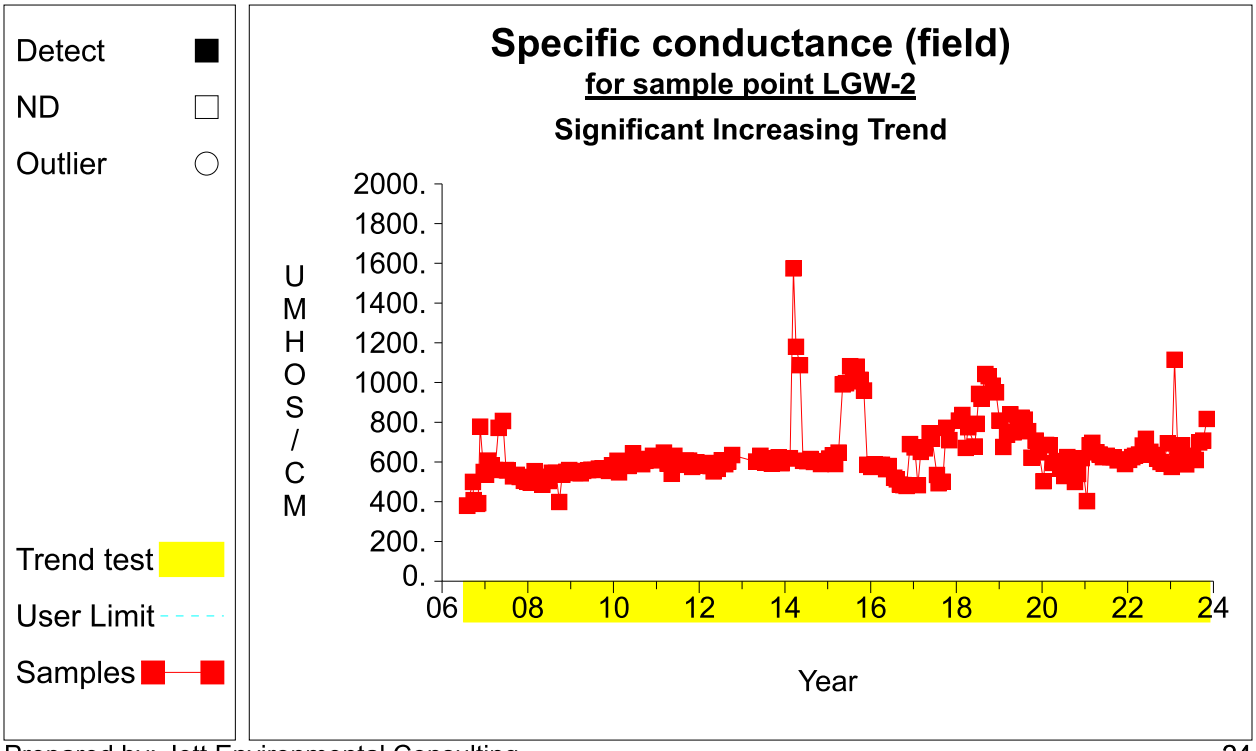
Time Series


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

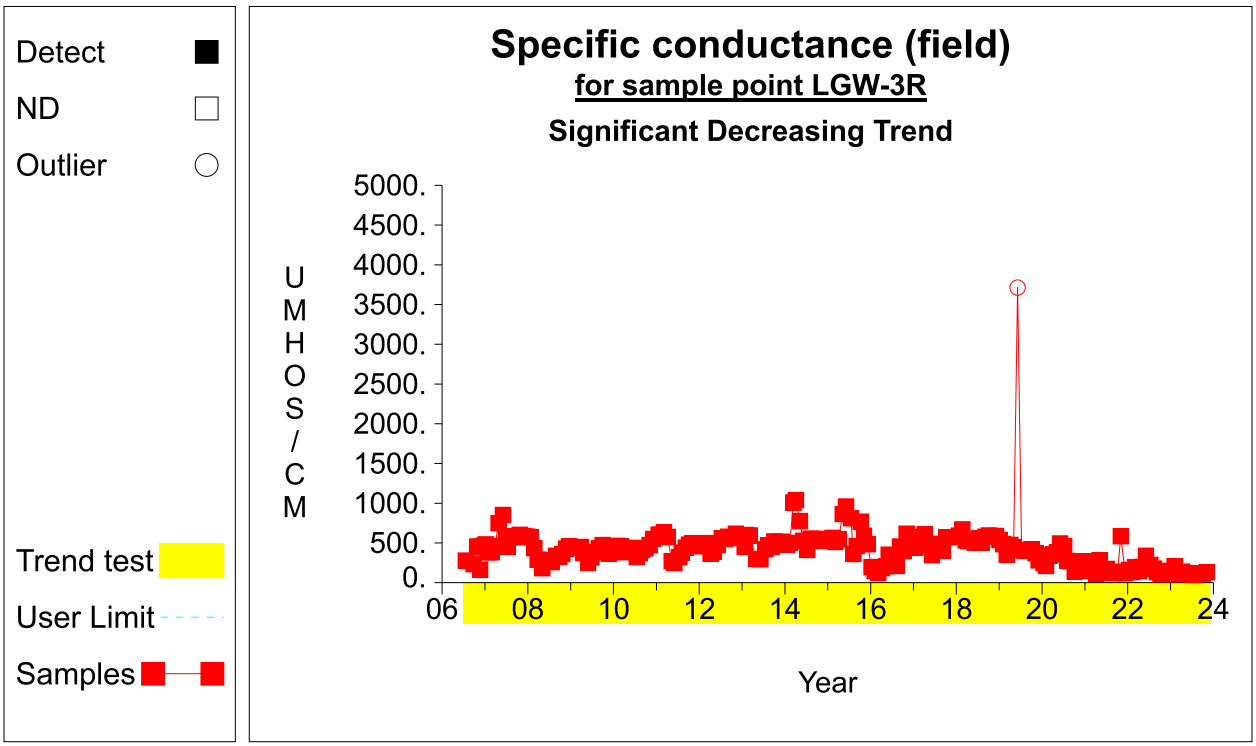

Detect
ND
Outlier
Trend test
User Limit
Samples
Specific conductance (field)
for sample point LGW-10
UMHOS/CM
2000.
1800.
1600.
1400.
1200.
1000.
800.
600.
400.
200.
0.
06
08
10
12
14
16
18
20
22
24
Year

Time Series


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


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

Time Series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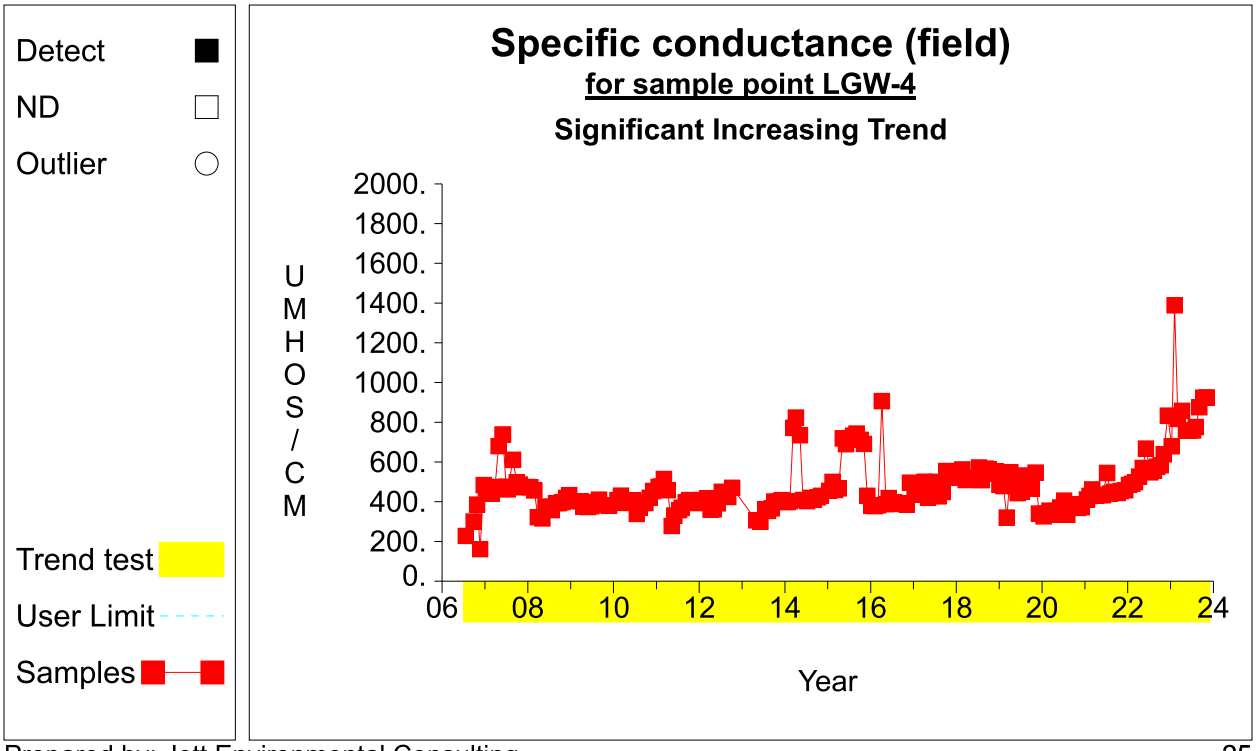
ND
Outlier
Trend test
User Limit
Samples
Specific conductance (field)
for sample point LGW-3R
Significant Decreasing Trend
UMHOS/CM
5000.
4500.
4000.
3500.
3000.
2500.
2000.
1500.
1000.
500.
0.
06
08
10
12
14
16
18
20
22
24
Year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ND
Outlier
Trend test
User Limit
Samples
Specific conductance (field)
for sample point LGW-4
Significant Increasing Trend
UMHOS/CM
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1600.
1400.
1200.
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800.
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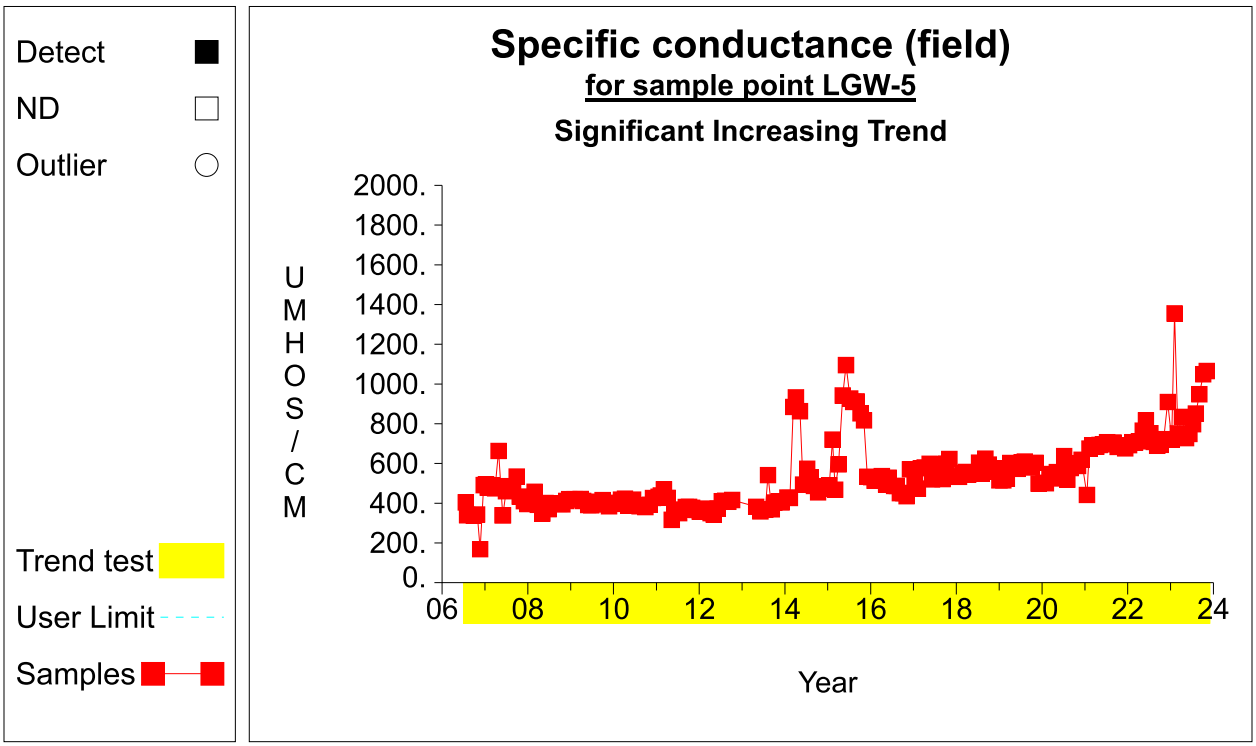
400.
200.
0.
06
08
10
12
14
16
18
20
22
24
Year

Time Series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ND
Outlier
Trend test
User Limit
Samples
Specific conductance (field)
for sample point LGW-5
Significant Increasing Trend
UMHOS/CM
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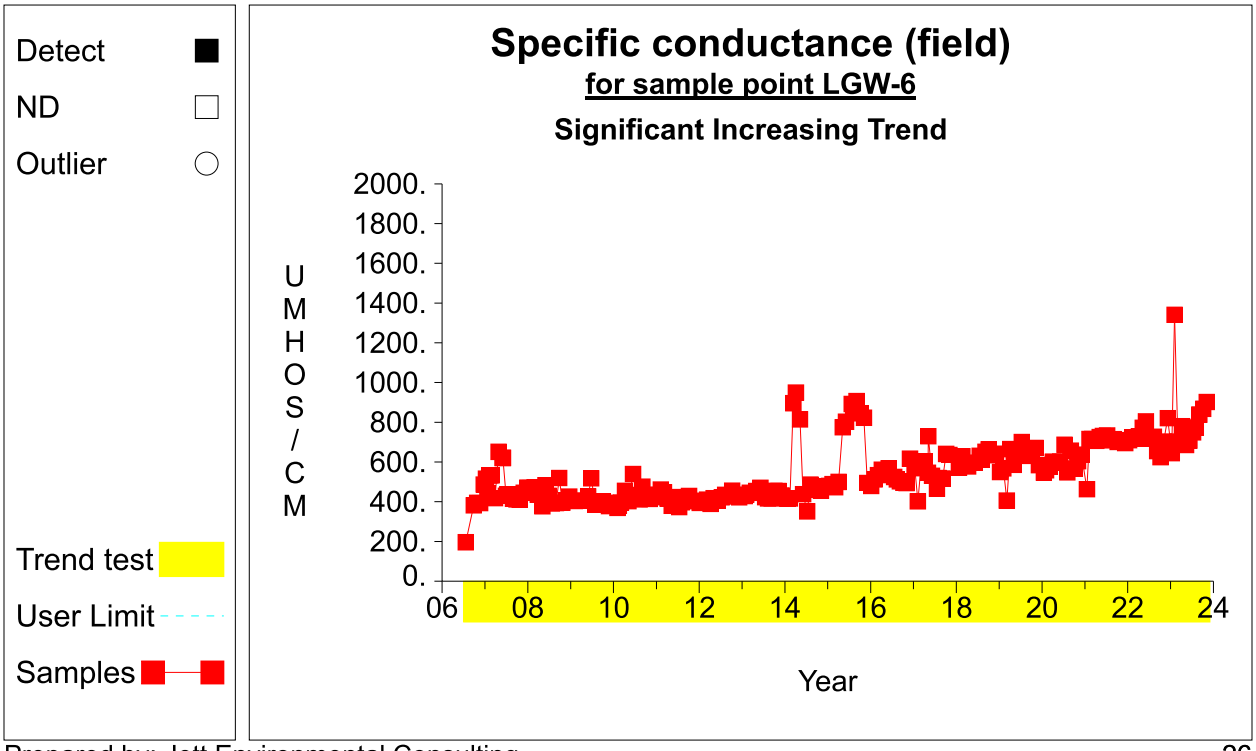
1800.
1600.
1400.
1200.
1000.
800.
600.
400.
200.
0.
06
08
10
12
14
16
18
20
22
24
Year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ND
Outlier
Trend test
User Limit
Samples
Specific conductance (field)
for sample point LGW-6
Significant Increasing Trend
UMHOS/CM
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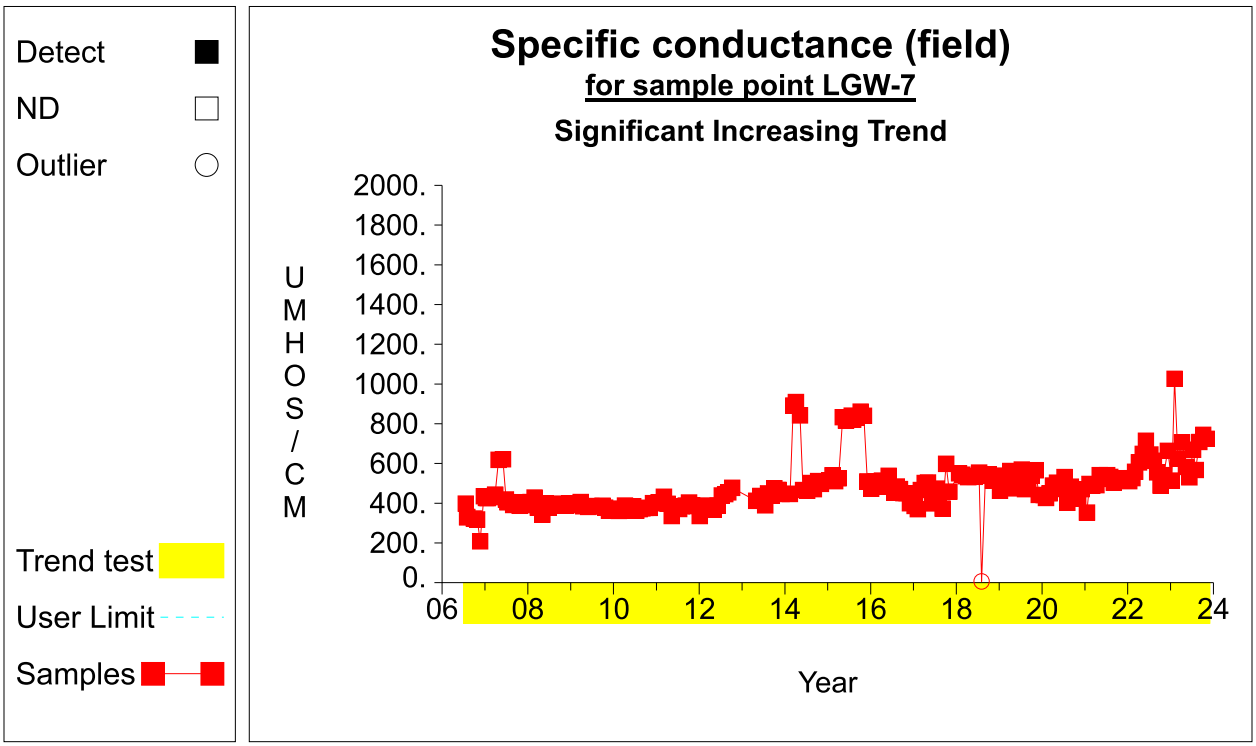
1800.
1600.
1400.
1200.
1000.
800.
600.
400.
200.
0.
06
08
10
12
14
16
18
20
22
24
Year

Time Series


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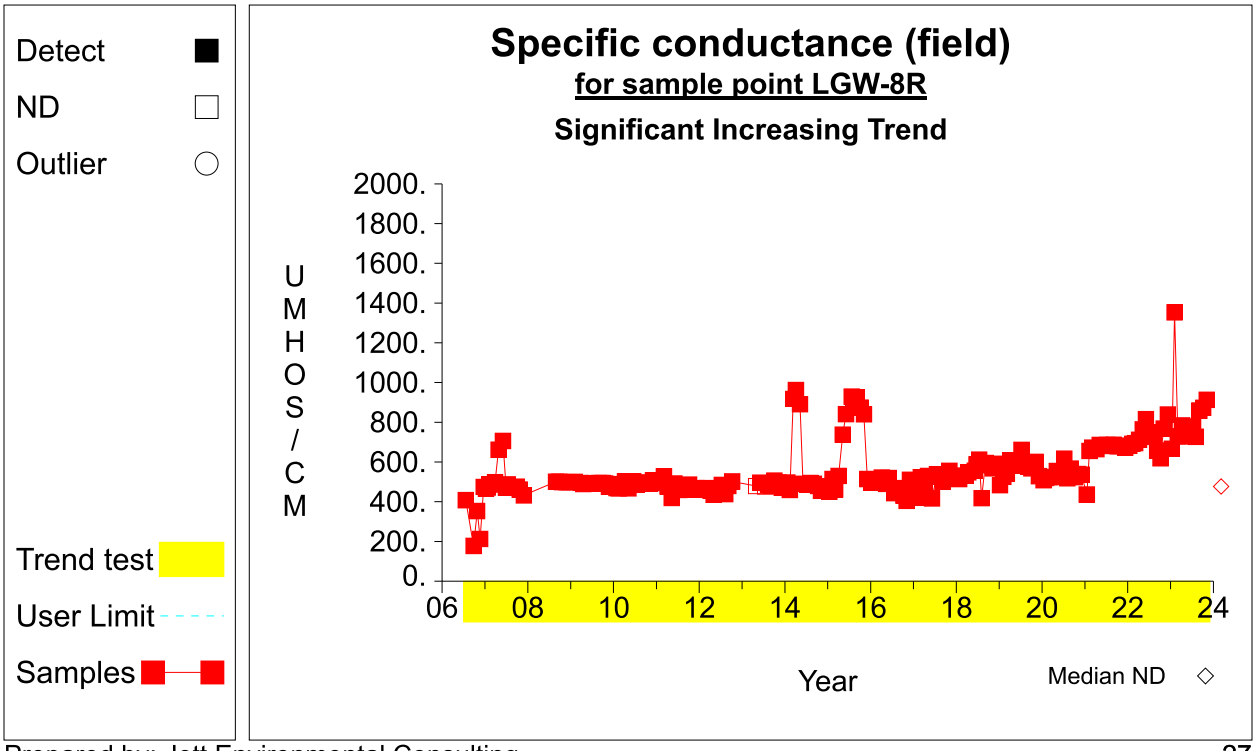
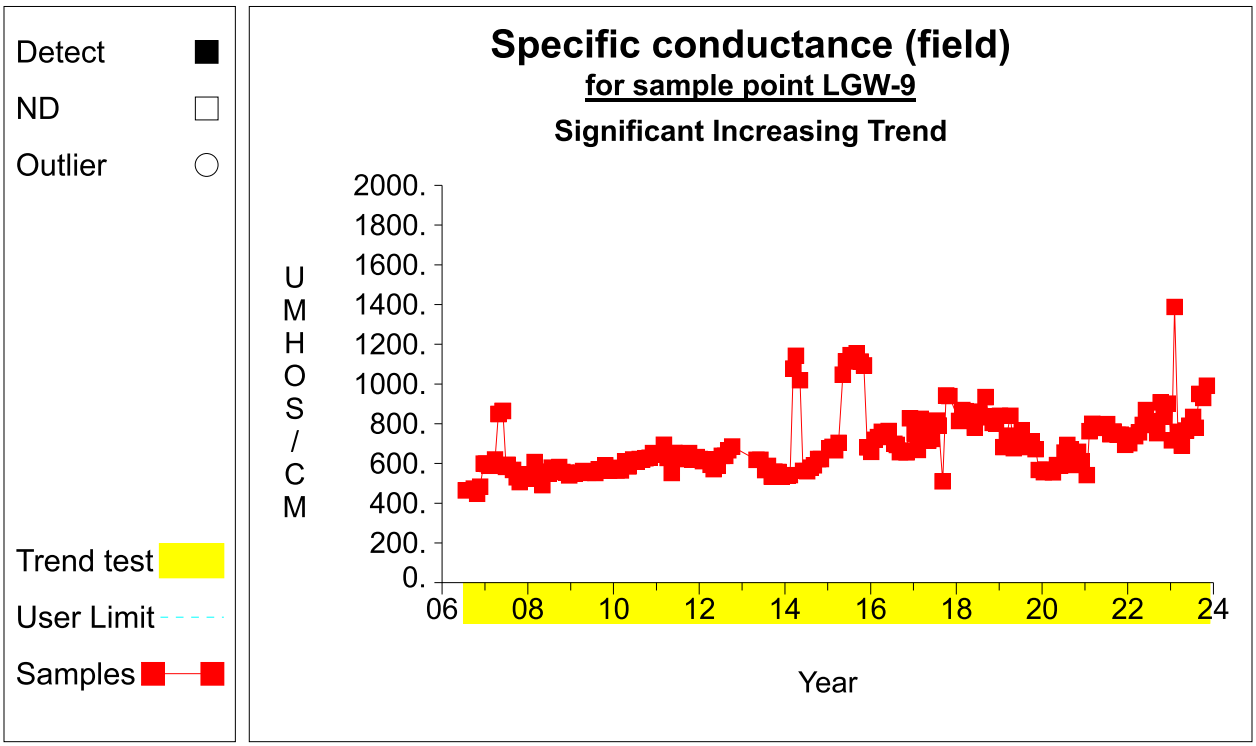
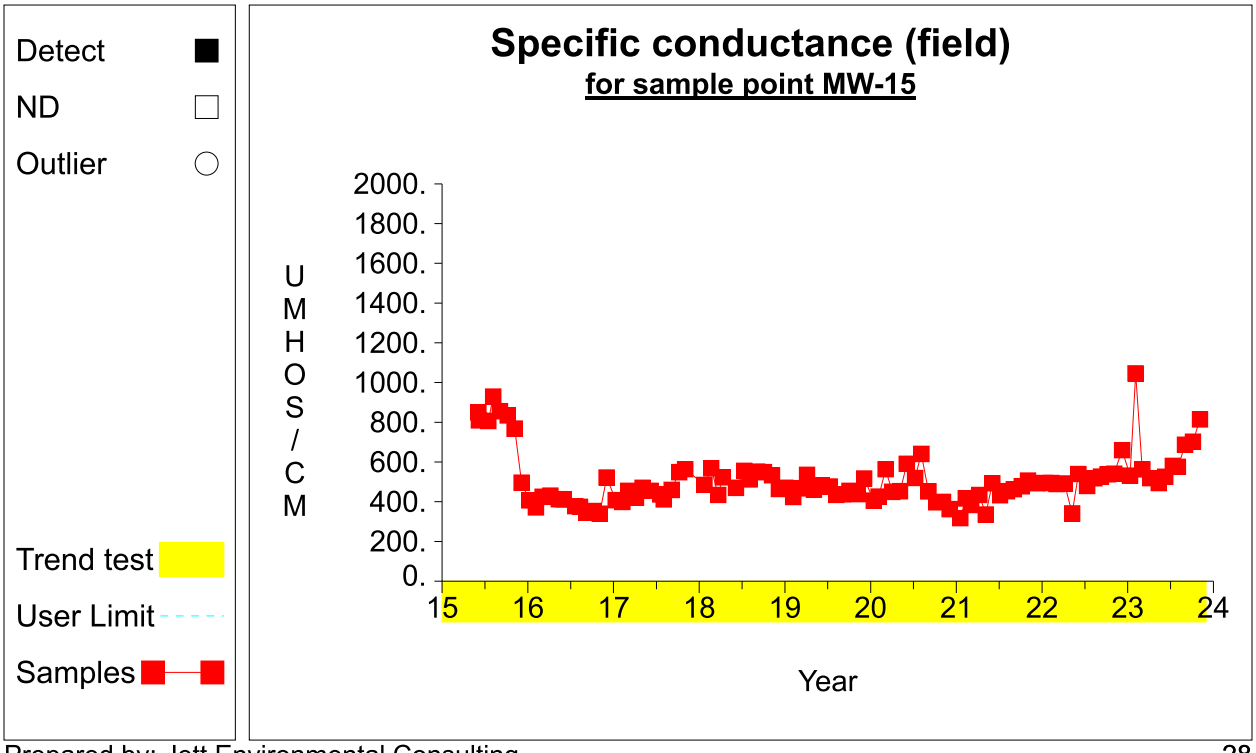
1800.
1600.
1400.
1200.
1000.
800.
600.
400.
200.
0.
06
08
10
12
14
16
18
20
22
24
Year

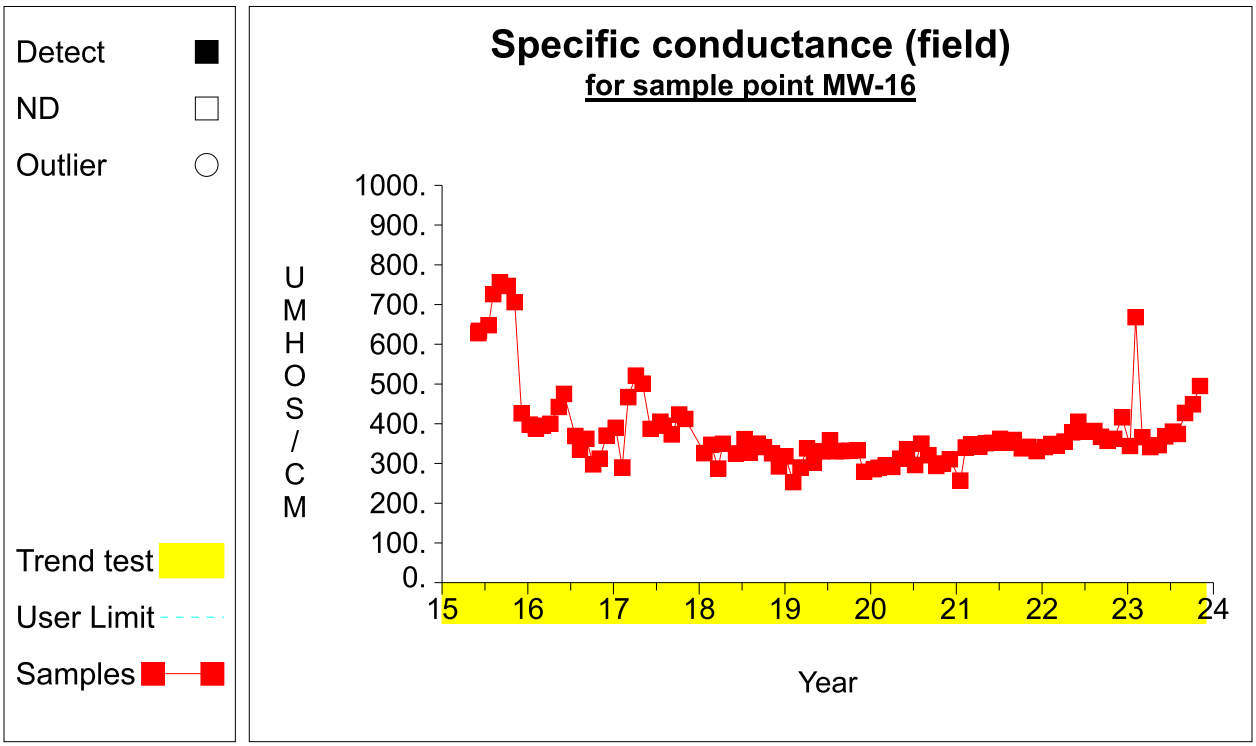

Detect
ND
Outlier
Trend test
User Limit
Samples
Specific conductance (field)
for sample point LGW-8R
Significant Increasing Trend
UMHOS/CM
2000.
1800.
1600.
1400.
1200.
1000.
800.
600.
400.
200.
0.
06
08
10
12
14
16
18
20
22
24
Year
Median ND

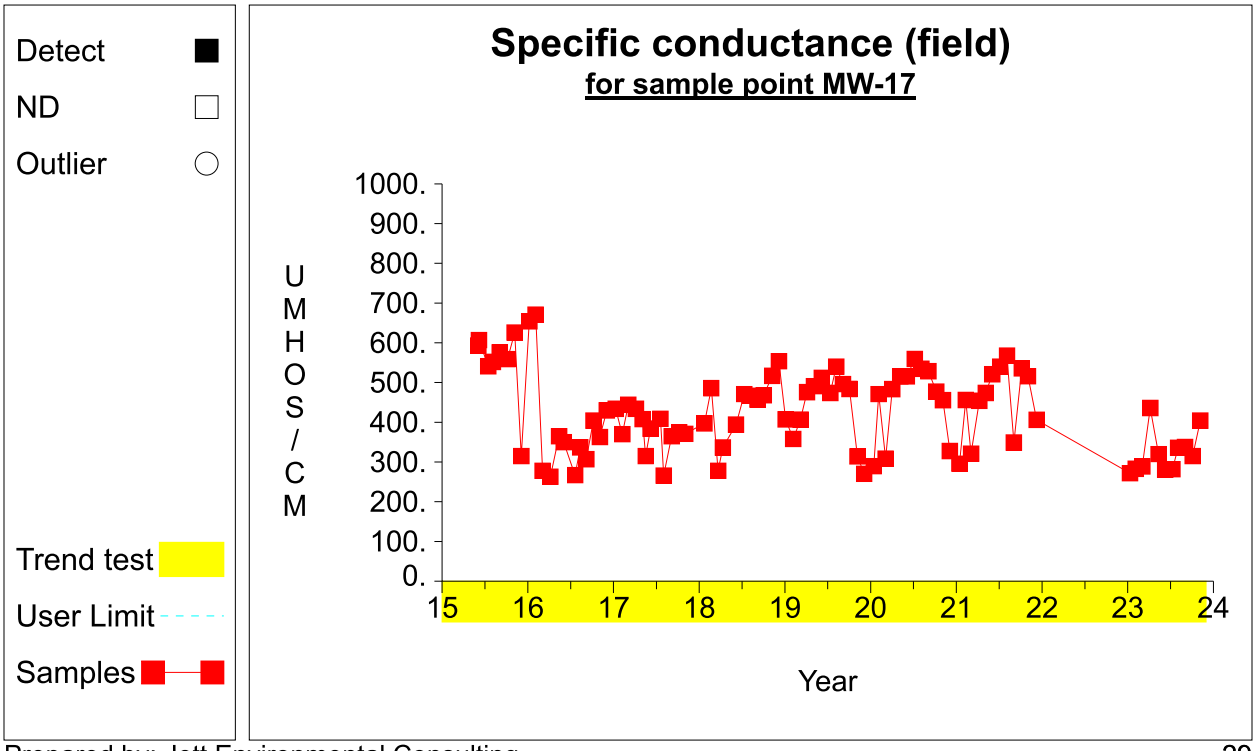
Time Series


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

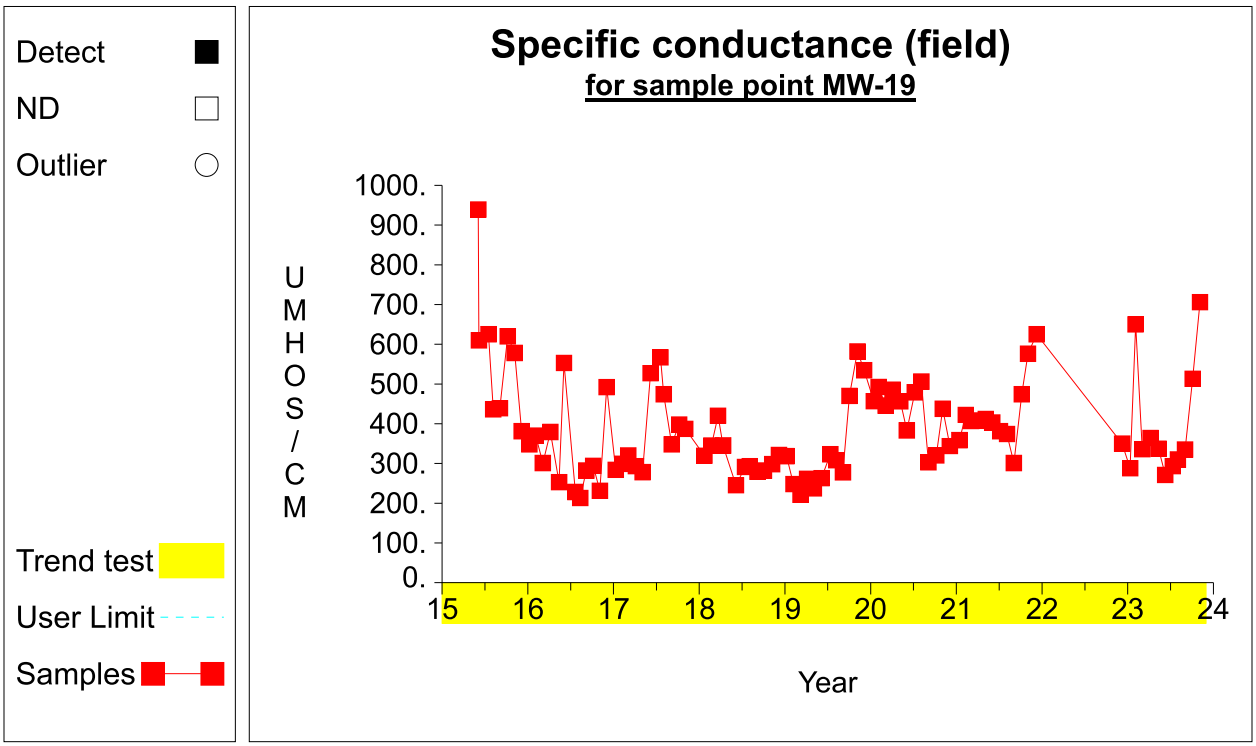

Detect
ND
Outlier
Trend test
User Limit
Samples
Specific conductance (field)
for sample point MW-15
UMHOS/CM
2000.
1800.
1600.
1400.
1200.
1000.
800.
600.
400.
200.
0.
15
16
17
18
19
20
21
22
23
24
Year

Time Series


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


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

Time Series


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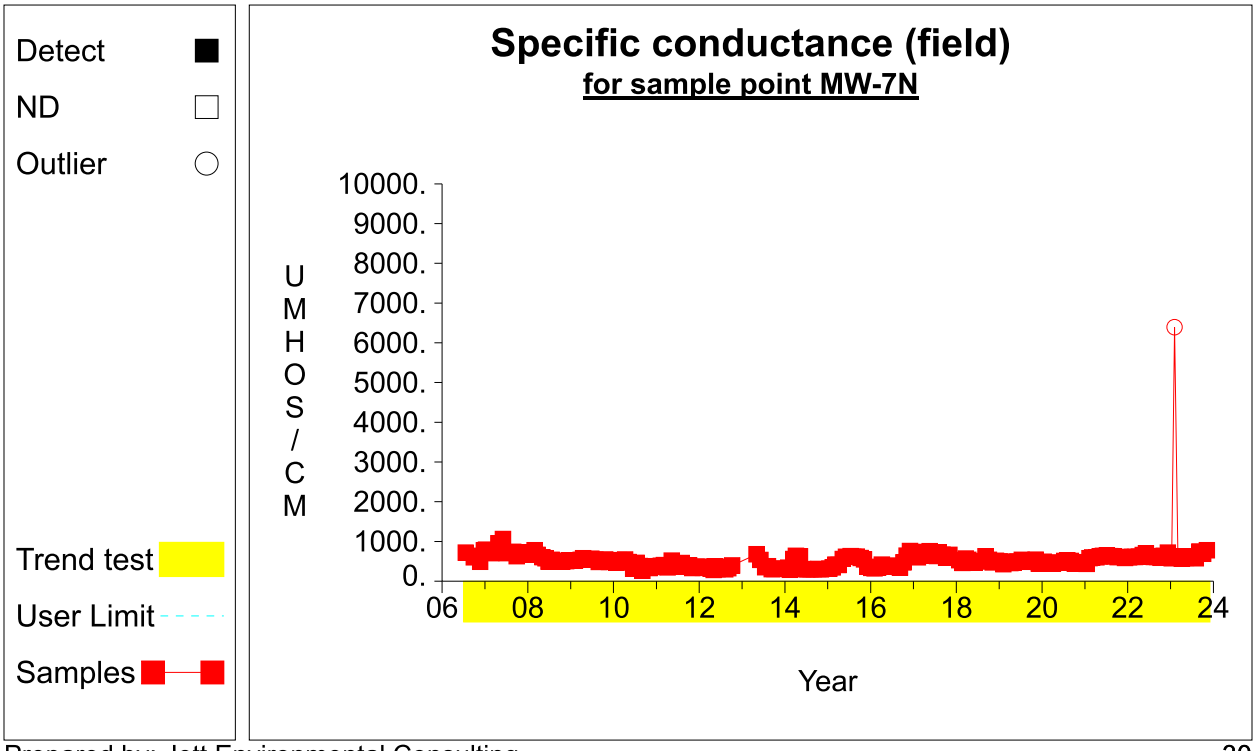
21
22
23
24
Year


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

ATTACHMENT D

Chloride Baseline Calculations

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

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

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

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

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

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

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

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

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

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

ATTACHMENT E

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

		CELL 1 LCS			CELL 1 LDS					150	60	
Date	Day of Week	Liquid Level (inches)	Flow meter reading (gallons)	Gallons Removed	Sump Liquid Level (inches)	Flow meter reading (gallons)	Tank Liquid Level (inches) *90" Max.*	LDS Daily Pump (gal)	LDS Flow Rate Avg. (gal/acre)	LDS Flow Rate 3-Day Avg. (gal/acre/day)	LDS Flow Rate 14 Day Avg. (gal/acre/day)	Comments
11/1/23	Wed	31.6	42469	1,470	30.9	171,411	21.8	0	0.00			
11/2/23	Thu	29.8	43939	1,158	30.9	171,411	21.8	0	0.00	0.00		
11/3/23	Fri	29	45097	1,015	30.8	171,411	21.8	0	0.00			
11/4/23	Sat	29	46112	1,015	30.8	171,411	21.8	0	0.00			
11/5/23	Sun	29	47127	1,015	30.8	171,411	21.8	0	0.00	0.00		
11/6/23	Mon	29.5	48142	820	30.6	171,411	21.8	0	0.00			
11/7/23	Tue	28.4	48962	0	30.5	171,411	21.8	0	0.00			
11/8/23	Wed	29.8	48962	1,005	30.5	171,411	21.8	0	0.00	0.00		
11/9/23	Thu	29	49967	848	30.6	171,411	21.8	0	0.00		0.00	
11/10/23	Fri	29.7	50815	605	30.6	171,411	21.8	0	0.00			
11/11/23	Sat	29.7	51420	605	30.6	171,411	21.8	0	0.00	0.00		
11/12/23	Sun	29.7	52025	607	30.6	171,411	21.8	0	0.00			
11/13/23	Mon	28.9	52632	629	30.4	171,411	21.8	0	0.00			
11/14/23	Tue	29.6	53261	746	30.4	171,411	21.8	0	0.00	0.00		
11/15/23	Wed	29.4	54007	601	30.5	171,411	21.8	0	0.00			
11/16/23	Thu	29.9	54608	978	30.6	171,411	21.8	0	0.00			
11/17/23	Fri	29.7	55586	754	30.3	171,411	21.8	0	0.00	0.00		
11/18/23	Sat	29.7	56340	754	30.3	171,411	21.8	0	0.00			
11/19/23	Sun	29.7	57094	755	30.3	171,411	21.8	0	0.00			
11/20/23	Mon	28.2	57849	286	30.4	171,411	21.8	0	0.00	0.00		
11/21/23	Tue	29.2	58135	887	30.3	171,411	21.8	0	0.00			
11/22/23	Wed	27.8	59022	411	30.3	171,411	21.8	0	0.00			
11/23/23	Thu	27.8	59433	411	30.4	171,411	21.8	0	0.00	0.00	0.00	Closed for Thanksgiving - Flow read is averaged
11/24/23	Fri	29.6	59844	444	30.4	171,411	21.8	0	0.00			
11/25/23	Sat	29.6	60288	444	30.4	171,411	21.8	0	0.00			
11/26/23	Sun	29.6	60732	445	30.4	171,411	21.8	0	0.00	0.00		
11/27/23	Mon	28.1	61177	825	30.2	171,411	21.8	0	0.00			
11/28/23	Tue	28.6	62002	661	30.3	171,411	21.8	0	0.00			
11/29/23	Wed	27.7	62663	460	30.4	171,411	21.8	0	0.00	0.00		
11/30/23	Thu	29.5	63123	978	30.5	171,411	21.8	9	1.71			

		CELL 2 LCS			CELL 2 LDS					150	60	
Date	Day of Week	Liquid Level (inches)	Flow meter reading (gallons)	Gallons Removed	Sump Liquid Level (inches)	Flow meter reading (gallons)	Tank Liquid Level (inches)	LDS Daily Pump (gal)	LDS Flow Rate Avg. (gal/acre)	LDS Flow Rate 3-Day Avg. (gal/acre/day)	LDS Flow Rate 14-Day Avg. (gal/acre/day)	Comments
11/1/23	Wed	21.7	27913	0	29.3	11,150	20.9	0	0.00	0.00		
11/2/23	Thu	21.8	27913	0	29.5	11,150	20.9	0	0.00			
11/3/23	Fri	21.9	27913	0	29.6	11,150	20.9	0	0.00			
11/4/23	Sat	21.9	27913	0	29.6	11,150	20.9	0	0.00	0.00		
11/5/23	Sun	21.9	27913	0	29.6	11,150	20.9	0	0.00			
11/6/23	Mon	22.1	27913	0	29.6	11,150	20.9	0	0.00			
11/7/23	Tue	22.4	27913	0	29.7	11,150	20.9	0	0.00	0.00		
11/8/23	Wed	22.9	27913	0	29.6	11,150	20.9	0	0.00			
11/9/23	Thu	23.7	27913	0	29.5	11,150	20.9	0	0.00			
11/10/23	Fri	24.2	27913	0	29.5	11,150	20.9	0	0.00	0.00		
11/11/23	Sat	24.2	27913	0	29.5	11,150	20.9	0	0.00			
11/12/23	Sun	24.2	27913	0	29.5	11,150	20.9	0	0.00			
11/13/23	Mon	18.3	27913	342	29.3	11,150	20.9	0	0.00	0.00	0.00	
11/14/23	Tue	18.7	28255	0	29.3	11,150	20.9	0	0.00			
11/15/23	Wed	20	28255	0	29.2	11,150	20.9	0	0.00			
11/16/23	Thu	20.1	28255	0	29.2	11,150	20.9	0	0.00	0.00		
11/17/23	Fri	20.9	28255	0	29.0	11,150	20.9	0	0.00			
11/18/23	Sat	20.9	28255	0	29.0	11,150	20.9	0	0.00			
11/19/23	Sun	20.9	28255	0	29.0	11,150	20.9	0	0.00	0.00		
11/20/23	Mon	20.6	28255	0	28.9	11,150	20.9	0	0.00			
11/21/23	Tue	20.9	28255	0	28.8	11,150	20.9	0	0.00			
11/22/23	Wed	21.1	28255	0	28.8	11,150	20.9	0	0.00	0.00		
11/23/23	Thu	21.3	28255	0	28.7	11,150	20.9	0	0.00			Closed for Thanksgiving - Flow read is averaged
11/24/23	Fri	21.4	28255	0	28.6	11,150	20.9	0	0.00			
11/25/23	Sat	21.4	28255	0	28.6	11,150	20.9	0	0.00	0.00		
11/26/23	Sun	21.4	28255	0	28.6	11,150	20.9	0	0.00			
11/27/23	Mon	22.2	28255	0	28.4	11,150	20.9	9	1.96		0.14	LDS manually pumped to verify pump is operational
11/28/23	Tue	22.8	28255	0	28.4	11,159	20.9	0	0.00	0.65		
11/29/23	Wed	23.1	28255	334	28.4	11,159	20.9	0	0.00			
11/30/23	Thu	19.6	28589	0	28.3	11,159	20.9	0	0.00			

		CELL 3 LCS			CELL 3 LDS					150	60	
Date	Day of Week	Liquid Level (inches)	Flow meter reading (gallons)	Gallons Removed	Sump Liquid Level (inches)	Flow meter reading (gallons)	Tank Liquid Level (inches)	LDS Daily Pump (gal)	LDS Flow Rate Avg. (gal/acre)	LDS Flow Rate 3-Day Avg. (gal/acre/day)	LDS Flow Rate 14-Day Avg. (gal/acre/day)	Comments
11/1/23	Wed	29.1	137237	0	29.9	39	33.7	0	0.00			
11/2/23	Thu	29.3	137237	1,874	29.7	39	33.7	0	0.00		0.00	
11/3/23	Fri	27.8	139111	3,420	29.7	39	33.7	0	0.00	0.00		
11/4/23	Sat	27.8	142531	3,420	29.7	39	33.7	0	0.00			
11/5/23	Sun	27.8	145951	3,422	29.7	39	33.7	0	0.00			
11/6/23	Mon	22.1	149373	0	29.5	39	33.7	0	0.00	0.00		
11/7/23	Tue	26.3	149373	0	29.4	39	33.7	0	0.00			
11/8/23	Wed	26.6	149373	0	29.4	39	33.7	0	0.00			
11/9/23	Thu	27	149373	0	29.3	39	33.7	0	0.00	0.00		
11/10/23	Fri	27.2	149373	0	29.3	39	33.7	0	0.00			
11/11/23	Sat	27.2	149373	0	29.3	39	33.7	0	0.00			
11/12/23	Sun	27.2	149373	0	29.3	39	33.7	0	0.00	0.00		
11/13/23	Mon	28.4	149373	0	29.1	39	33.7	0	0.00			
11/14/23	Tue	28.4	149373	0	29.1	39	33.7	0	0.00			
11/15/23	Wed	28.5	149373	5,693	29.1	39	33.7	0	0.00	0.00		
11/16/23	Thu	22.2	155066	0	29.0	39	33.7	0	0.00		0.00	
11/17/23	Fri	24.6	155066	0	29.0	39	33.7	0	0.00			
11/18/23	Sat	24.6	155066	0	29.0	39	33.7	0	0.00	0.00		
11/19/23	Sun	24.6	155066	0	29.0	39	33.7	0	0.00			
11/20/23	Mon	25.3	155066	0	29.0	39	33.7	4	0.64			
11/21/23	Tue	29.8	155066	0	29.0	43	33.7	0	0.00	0.21		LDS manually pumped to verify pump is operational
11/22/23	Wed	30.3	155066	0	29.0	43	33.7	0	0.00			
11/23/23	Thu	30.9	155066	2,033	29.2	43	33.7	0	0.00			Closed for Thanksgiving - Flow read is averaged
11/24/23	Fri	27.1	157099	0	29.2	43	33.7	0	0.00	0.00		
11/25/23	Sat	27.1	157099	0	29.2	43	33.7	0	0.00			
11/26/23	Sun	27.1	157099	0	29.2	43	33.7	0	0.00			
11/27/23	Mon	27.8	157099	0	29.3	43	33.7	0	0.00	0.00		
11/28/23	Tue	29.2	157099	0	29.3	43	33.7	0	0.00			
11/29/23	Wed	29.8	157099	3,752	29.2	43	33.7	0	0.00			
11/30/23	Thu	24.9	160851	0	29.3	43	33.7	0	0.00	0.00	0.05	

		CELL 4 LCS			CELL 4 LDS					150	60	
Date	Day of Week	Liquid Level (inches)	Flow meter reading (gallons)	Gallons Removed	Sump Liquid Level (inches)	Flow meter reading (gallons)	Tank Liquid Level (inches)	LDS Daily Pump (gal)	LDS Flow Rate Avg. (gal/acre)	LDS Flow Rate 3-Day Avg. (gal/acre/day)	LDS Flow Rate 14-Day Avg. (gal/acre/day)	Comments
11/1/23	Wed	18	17411	828	32.0	8,353	20.3	0	0.00	0.00		
11/2/23	Thu	17.5	18239	1,106	32.3	8,353	20.3	0	0.00			
11/3/23	Fri	18	19345	1,094	32.4	8,353	20.3	0	0.00			
11/4/23	Sat	18	20439	1,094	32.4	8,353	20.3	0	0.00	0.00		
11/5/23	Sun	18	21533	1,095	32.4	8,353	20.3	0	0.00			
11/6/23	Mon	17.5	22628	973	33.0	8,353	20.3	0	0.00			
11/7/23	Tue	18	23601	0	33.2	8,353	20.3	0	0.00	0.00		
11/8/23	Wed	18.3	23601	1,058	33.3	8,353	20.3	0	0.00		0.00	
11/9/23	Thu	14.7	24659	2,000	33.3	8,353	20.3	0	0.00			
11/10/23	Fri	18	26659	1,043	33.4	8,353	20.3	0	0.00	0.00		
11/11/23	Sat	18	27702	1,043	33.4	8,353	20.3	0	0.00			
11/12/23	Sun	18	28745	1,045	33.4	8,353	20.3	0	0.00			
11/13/23	Mon	18.1	29790	1,040	33.6	8,353	20.3	0	0.00	0.00		
11/14/23	Tue	18	30830	1,011	33.6	8,353	20.3	0	0.00			
11/15/23	Wed	17.4	31841	1,070	33.7	8,353	20.3	0	0.00			
11/16/23	Thu	18.3	32911	1,146	33.8	8,353	20.3	0	0.00	0.00		
11/17/23	Fri	17.8	34057	1,030	33.8	8,353	20.3	0	0.00			
11/18/23	Sat	18	35087	1,030	33.8	8,353	20.3	0	0.00			
11/19/23	Sun	18	36117	1,032	33.8	8,353	20.3	0	0.00	0.00		
11/20/23	Mon	18.2	37149	847	34.2	8,353	20.3	0	0.00			
11/21/23	Tue	17.8	37996	1,215	34.1	8,353	20.3	0	0.00			
11/22/23	Wed	17.6	39211	1,000	34.2	8,353	20.3	0	0.00	0.00	0.00	
11/23/23	Thu	18.2	40211	1,000	34.2	8,353	20.3	0	0.00			Closed for Thanksgiving - Flow read is averaged
11/24/23	Fri	17.7	41211	1,006	34.2	8,353	20.3	0	0.00			
11/25/23	Sat	17.7	42217	1,006	34.2	8,353	20.3	0	0.00	0.00		
11/26/23	Sun	17.7	43223	1,006	34.2	8,353	20.3	0	0.00			
11/27/23	Mon	16.9	44229	1,112	34.0	8,353	20.3	2	0.26			
11/28/23	Tue	17.5	45341	1,058	34.0	8,355	20.3	0	0.00	0.09		LDS manually pumped to verify pump is operational
11/29/23	Wed	18.2	46399	940	34.1	8,355	20.3	0	0.00			
11/30/23	Thu	17.7	47339	1,135	34.2	8,355	20.3	0	0.00			

		CELL 5 LCS			CELL 5 LDS					150	60	
Date	Day of Week	Liquid Level (inches)	Flow meter reading (gallons)	Gallons Removed	Sump Liquid Level (inches)	Flow meter reading (gallons)	Tank Liquid Level (inches)	LDS Daily Pump (gal)	LDS Flow Rate Avg. (gal/acre)	LDS Flow Rate 3-Day Avg. (gal/acre/day)	LDS Flow Rate 14-Day Avg. (gal/acre/day)	Comments
11/1/2023	Wed	11.5	4918842	7320	17.1	8297	26	0	0.00			
11/2/2023	Thu	16.9	4926162	7025	17.2	8297	26	0	0.00	0.00		
11/3/2023	Fri	12.9	4933187	8895	17.1	8297	26	0	0.00			
11/4/2023	Sat	12.9	4942082	8895	17.1	8297	26	0	0.00			
11/5/2023	Sun	12.9	4950977	8896	17.1	8297	26	0	0.00	0.00		
11/6/2023	Mon	9.4	4959873	7134	17	8297	26	0	0.00			
11/7/2023	Tue	11.4	4967007	4174	16.9	8297	26	0	0.00			
11/8/2023	Wed	16.9	4971181	4021	16.8	8297	26	0	0.00	0.00		
11/9/2023	Thu	11.4	4975202	14947	16.9	8297	26	0	0.00			
11/10/2023	Fri	15.3	4990149	6060	17	8297	26	0	0.00			
11/11/2023	Sat	15.3	4996209	6060	17	8297	26	0	0.00	0.00		
11/12/2023	Sun	15.3	5002269	6062	17	8297	26	0	0.00			
11/13/2023	Mon	18.3	5008331	7443	16.8	8297	26	0	0.00		0.00	
11/14/2023	Tue	14.7	5015774	7373	16.8	8297	26	0	0.00	0.00		
11/15/2023	Wed	13	5023147	7569	16.9	8297	26	0	0.00			
11/16/2023	Thu	17.7	5030716	11976	16.9	8297	26	0	0.00			
11/17/2023	Fri	19.1	5042692	10315	17	8297	26	0	0.00	0.00		
11/18/2023	Sat	19.1	5053007	10315	17	8297	26	0	0.00			
11/19/2023	Sun	19.1	5063322	10315	17	8297	26	0	0.00			
11/20/2023	Mon	14.9	5073637	6926	16.9	8297	26	0	0.00	0.00		
11/21/2023	Tue	20	5080563	7927	17.1	8297	26	0	0.00			
11/22/2023	Wed	21.3	5088490	7060	17.1	8297	26	0	0.00			
11/23/2023	Thu	22.4	5095550	7060	17	8297	26	3	0.81	0.27		Closed for Thanksgiving - Flow read is averaged
11/24/2023	Fri	18.2	5102610	5877	17.1	8300	26	0	0.00			LDS manually pumped to verify pump is operational
11/25/2023	Sat	18.2	5108487	5877	17.2	8300	26	0	0.00			
11/26/2023	Sun	18.2	5114364	5879	17.2	8300	26	0	0.00	0.00		
11/27/2023	Mon	20.3	5120243	5354	17.3	8300	26	0	0.00		0.06	
11/28/2023	Tue	18.3	5125597	4463	17.2	8300	26	0	0.00			
11/29/2023	Wed	21.3	5130060	6071	17.2	8300	26	0	0.00	0.00		
11/30/2023	Thu	19.9	5136131	8609	17.1	8300	26	0	0.00			

		CELL 6 LCS			CELL 6 LDS					150	60	
Date	Day of Week	Liquid Level (inches)	Flow meter reading (gallons)	Gallons Removed	Sump Liquid Level (inches)	Flow meter reading (gallons)	Tank Liquid Level (inches)	LDS Daily Pump (gal)	LDS Flow Rate Avg. (gal/acre)	LDS Flow Rate 3-Day Avg. (gal/acre/day)	LDS Flow Rate 14-Day Avg. (gal/acre/day)	Comments
11/1/2023	Wed	15.6	1475964	1767	16.7	2881	42.3	0	0.00			
11/2/2023	Thu	13.9	1477731	1444	16.9	2881	42.3	0	0.00	0.00	0.00	
11/3/2023	Fri	13.9	1479175	1314	16.7	2881	42.3	0	0.00			
11/4/2023	Sat	13.9	1480489	1314	16.7	2881	42.3	0	0.00			
11/5/2023	Sun	13.9	1481803	1315	16.7	2881	42.3	0	0.00	0.00		
11/6/2023	Mon	13.1	1483118	1127	16.4	2881	42.3	0	0.00			
11/7/2023	Tue	13.9	1484245	529	16.4	2881	42.3	0	0.00			
11/8/2023	Wed	15.6	1484774	588	16.5	2881	42.3	0	0.00	0.00		
11/9/2023	Thu	19	1485362	2160	16.5	2881	42.3	0	0.00			
11/10/2023	Fri	15.6	1487522	884	16.6	2881	42.3	0	0.00			
11/11/2023	Sat	15.6	1488406	884	16.6	2881	42.3	0	0.00	0.00		
11/12/2023	Sun	15.6	1489290	884	16.6	2881	42.3	0	0.00			
11/13/2023	Mon	19	1490174	1013	16.5	2881	42.3	0	0.00			
11/14/2023	Tue	14.4	1491187	761	16.6	2881	42.3	0	0.00	0.00		
11/15/2023	Wed	22.9	1491948	980	16.7	2881	42.3	0	0.00			
11/16/2023	Thu	16.8	1492928	1219	16.7	2881	42.3	0	0.00		0.00	
11/17/2023	Fri	13.6	1494147	983	16.8	2881	42.3	0	0.00	0.00		
11/18/2023	Sat	13.6	1495130	983	16.8	2881	42.3	0	0.00			
11/19/2023	Sun	13.6	1496113	983	16.8	2881	42.3	0	0.00			
11/20/2023	Mon	13.3	1497096	2587	16.9	2881	42.3	0	0.00	0.00		
11/21/2023	Tue	12.5	1499683	1418	16.8	2881	42.3	0	0.00			
11/22/2023	Wed	15.2	1501101	1671	16.8	2881	42.3	0	0.00			
11/23/2023	Thu	15.2	1502772	1671	16.8	2881	42.3	0	0.00	0.00		Closed for Thanksgiving - Flow read is averaged
11/24/2023	Fri	13.9	1504443	2144	16.9	2881	42.3	0	0.00			
11/25/2023	Sat	13.9	1506587	2143	16.9	2881	42.3	0	0.00			
11/26/2023	Sun	13.9	1508730	2145	16.9	2881	42.3	0	0.00	0.00		
11/27/2023	Mon	12	1510875	2078	16.8	2881	42.3	0	0.00			
11/28/2023	Tue	15.1	1512953	930	16.9	2881	42.3	0	0.00			
11/29/2023	Wed	14.2	1513883	1092	16.8	2881	42.4	7	1.84	0.61		
11/30/2023	Thu	14.7	1514975	2493	16.6	2888	42.4	4	1.05		0.21	LDS manually pumped to verify pump is operational

		CELL 7 LCS			CELL 7 LDS					150	60	
Date	Day of Week	Liquid Level (inches)	Flow meter reading (gallons)	Gallons Removed	Sump Liquid Level (inches)	Flow meter reading (gallons)	Tank Liquid Level (inches)	LDS Daily Pump (gal)	LDS Flow Rate Avg. (gal/acre)	LDS Flow Rate 3-Day Avg. (gal/acre/day)	LDS Flow Rate 14-Day Avg. (gal/acre/day)	Comments
11/1/2023	Wed	1.9	2061011	2373	28.2	4074	16.5	0	0.00		0.00	
11/2/2023	Thu	2.3	2063384	2075	28.5	4074	16.5	0	0.00			
11/3/2023	Fri	1.8	2065459	2496	28.3	4074	16.5	0	0.00	0.00		
11/4/2023	Sat	1.8	2067955	2496	28.3	4074	16.5	0	0.00			
11/5/2023	Sun	1.8	2070451	2497	28.3	4074	16.5	0	0.00			
11/6/2023	Mon	2.3	2072948	1823	28.2	4074	16.5	0	0.00	0.00		
11/7/2023	Tue	1.5	2074771	722	28.3	4074	16.5	0	0.00			
11/8/2023	Wed	3.6	2075493	1301	28.4	4074	16.5	0	0.00			
11/9/2023	Thu	1.8	2076794	3754	28.4	4074	16.5	0	0.00	0.00		
11/10/2023	Fri	2	2080548	1838	28.6	4074	16.5	0	0.00			
11/11/2023	Sat	2	2082386	1838	28.6	4074	16.5	0	0.00			
11/12/2023	Sun	2	2084224	1840	28.6	4074	16.5	0	0.00	0.00		
11/13/2023	Mon	2.2	2086064	1756	28.9	4074	16.5	0	0.00			
11/14/2023	Tue	1.8	2087820	1877	29.1	4074	16.5	0	0.00			
11/15/2023	Wed	2.5	2089697	1796	29.2	4074	16.5	0	0.00	0.00	0.00	
11/16/2023	Thu	1.9	2091493	2006	29.1	4074	16.5	2	0.29			
11/17/2023	Fri	1.5	2093499	1725	29.3	4076	16.5	0	0.00			LDS manually pumped to verify pump is operational
11/18/2023	Sat	1.5	2095224	1725	29.3	4076	16.5	0	0.00	0.10		
11/19/2023	Sun	1.5	2096949	1726	29.3	4076	16.5	0	0.00			
11/20/2023	Mon	2.2	2098675	1618	26.6	4076	16.5	0	0.00			
11/21/2023	Tue	1.2	2100293	1646	26.7	4076	16.5	0	0.00	0.00		
11/22/2023	Wed	3.1	2101939	1761	26.7	4076	16.5	0	0.00			
11/23/2023	Thu	3.1	2103700	1761	26.7	4076	16.5	0	0.00			Closed for Thanksgiving - Flow read is averaged
11/24/2023	Fri	1.7	2105461	2237	26.8	4076	16.5	0	0.00	0.00		
11/25/2023	Sat	1.7	2107698	2237	26.8	4076	16.5	0	0.00			
11/26/2023	Sun	1.7	2109935	2239	26.8	4076	16.5	0	0.00			
11/27/2023	Mon	3.1	2112174	1719	26.6	4076	16.5	0	0.00	0.00		
11/28/2023	Tue	2.9	2113893	1920	26.7	4076	16.5	0	0.00			
11/29/2023	Wed	2.2	2115813	2009	26.7	4076	16.5	0	0.00		0.02	
11/30/2023	Thu	1.1	2117822	2166	26.6	4076	16.5	0	0.00	0.00		

		CELL 8 LCS			CELL 8 LDS					150	60	
Date	Day of Week	Liquid Level (inches)	Flow meter reading (gallons)	Gallons Removed	Sump Liquid Level (inches)	Flow meter reading (gallons)	Tank Liquid Level (inches)	LDS Daily Pump (gal)	LDS Flow Rate Avg. (gal/acre)	LDS Flow Rate 3-Day Avg. (gal/acre/day)	LDS Flow Rate 14-Day Avg. (gal/acre/day)	Comments
11/1/2023	Wed	11.3	2122510	1741	23.6	15077	63.8	0	0.00		23.00	
11/2/2023	Thu	10.2	2124251	1672	26.2	15077	63.8	0	0.00			
11/3/2023	Fri	12.2	2125923	1882	26.4	15077	63.8	0	0.00	0.00		
11/4/2023	Sat	12.2	2127805	1882	26.4	15077	63.8	0	0.00			
11/5/2023	Sun	12.2	2129687	1884	26.4	15077	63.8	0	0.00			
11/6/2023	Mon	10.3	2131571	1797	29.2	15077	63.8	0	0.00	0.00		
11/7/2023	Tue	10.1	2133368	1276	30.1	15077	63.8	731	92.53			
11/8/2023	Wed	8.9	2134644	697	22.9	15808	63.8	0	0.00			
11/9/2023	Thu	10.6	2135341	3669	24	15808	63.8	559	70.76	54.43		
11/10/2023	Fri	12.2	2139010	1857	23.3	16367	63.8	0	0.00			
11/11/2023	Sat	12.2	2140867	1857	23.3	16367	63.8	0	0.00			
11/12/2023	Sun	12.2	2142724	1857	23.3	16367	63.8	0	0.00	0.00		
11/13/2023	Mon	11.4	2144581	1862	24.1	16367	63.8	0	0.00			
11/14/2023	Tue	9.5	2146443	1725	25.4	16367	63.8	562	71.14			
11/15/2023	Wed	11.8	2148168	1823	24.1	16929	63.8	190	24.05	31.73	18.46	
11/16/2023	Thu	9.3	2149991	1864	25.6	17119	63.8	0	0.00			
11/17/2023	Fri	12.1	2151855	1625	26.2	17119	63.8	245	31.01			
11/18/2023	Sat	12.1	2153480	1625	26.2	17364	63.8	245	31.01	20.68		
11/19/2023	Sun	12.1	2155105	1627	26.2	17609	63.8	247	31.27			
11/20/2023	Mon	11.7	2156732	1414	22.4	17856	63.8	0	0.00			
11/21/2023	Tue	12.2	2158146	1345	22.9	17856	63.8	0	0.00	10.42		
11/22/2023	Wed	10.9	2159491	1179	23.3	17856	63.8	0	0.00			
11/23/2023	Thu	10.9	2160670	1179	23.3	17856	63.8	0	0.00			Closed for Thanksgiving - Flow read is averaged
11/24/2023	Fri	11.5	2161849	2341	23.6	17856	63.8	0	0.00	0.00		
11/25/2023	Sat	11.5	2164190	2341	23.6	17856	63.8	0	0.00			
11/26/2023	Sun	11.5	2166531	2342	23.6	17856	63.8	0	0.00			
11/27/2023	Mon	10.3	2168873	2237	24.6	17856	63.8	0	0.00	0.00		
11/28/2023	Tue	12.1	2171110	1963	25.2	17856	63.8	0	0.00			
11/29/2023	Wed	11.3	2173073	1352	26.9	17856	63.8	106	13.42		7.62	
11/30/2023	Thu	9.1	2174425	2083	22.4	17962	63.8	50	6.33	6.58		

		CELL 9 LCS			CELL 9 LDS				150	60	
Date	Day of Week	Liquid Level (inches)	Flow meter reading (gallons)	Gallons Removed	Sump Liquid Level (inches)	Flow meter reading (gallons)	LDS Daily Pump (gal)	LDS Flow Rate Avg. (gal/acre)	LDS Flow Rate 3-Day Avg. (gal/acre/day)	LDS Flow Rate 14-Day Avg. (gal/acre/day)	Comments
11/1/2023	Wed	11.8	12616823	5041	28.3	53119	1514	146.99			
11/2/2023	Thu	12	12621864	4642	25.2	54633	1000	97.09			
11/3/2023	Fri	11.1	12626506	4465	22.2	55633	223	21.65	88.58		
11/4/2023	Sat	11.1	12630971	4465	22.2	55856	223	21.65			
11/5/2023	Sun	11.1	12635436	4465	22.5	56079	223	21.65			
11/6/2023	Mon	8.6	12639901	3933	24.3	56302	0	0.00	14.43		
11/7/2023	Tue	12.1	12643834	4322	25.2	56302	0	0.00			
11/8/2023	Wed	12	12648156	3962	25.5	56302	0	0.00			
11/9/2023	Thu	11.6	12652118	4064	25.8	56302	0	0.00	0.00		
11/10/2023	Fri	11.9	12656182	3935	26	56302	0	0.00		43.68	
11/11/2023	Sat	11.9	12660117	3935	26	56302	0	0.00			
11/12/2023	Sun	11.9	12664052	3937	26	56302	0	0.00	0.00		
11/13/2023	Mon	11	12667989	3820	26.7	56302	0	0.00			
11/14/2023	Tue	10.6	12671809	3966	28.2	56302	670	65.05			
11/15/2023	Wed	11.9	12675775	3910	23.9	56972	0	0.00	21.68		
11/16/2023	Thu	12.1	12679685	4526	25.1	56972	0	0.00			
11/17/2023	Fri	12	12684211	3881	25.6	56972	0	0.00			
11/18/2023	Sat	12	12688092	3881	25.6	56972	0	0.00	0.00		
11/19/2023	Sun	12	12691973	3882	25.6	56972	0	0.00			
11/20/2023	Mon	12.2	12695855	4743	27	56972	3849	373.69			
11/21/2023	Tue	11.7	12700598	3864	20.2	60821	0	0.00	124.56		
11/22/2023	Wed	10.9	12704462	4537	22.1	60821	0	0.00			
11/23/2023	Thu	10.9	12708999	4537	22.1	60821	0	0.00			Closed for Thanksgiving - Flow read is averaged
11/24/2023	Fri	12.1	12713536	3987	24.4	60821	451	43.79	14.60	34.47	
11/25/2023	Sat	12.1	12717523	3987	24.4	61272	451	43.79			
11/26/2023	Sun	12.1	12721510	3989	24.4	61723	453	43.98			
11/27/2023	Mon	11.1	12725499	3502	25.3	62176	0	0.00	29.26		
11/28/2023	Tue	9.7	12729001	4166	26.6	62176	0	0.00			
11/29/2023	Wed	10.5	12733167	3468	27.2	62176	671	65.15			
11/30/2023	Thu	9.3	12736635	4515	22.8	62847	686	66.60	43.92		

	CELL 10 LCS			CELL 10 LDS				150	60	
Date	Day of Week	Liquid Level (inches)	Flow meter reading (gallons)	Gallons Removed	Sump Liquid Level (inches)	Flow meter reading (gallons)	LDS Daily Pump (gal)	LDS Flow Rate Avg. (gal/acre)	LDS Flow Rate 3-Day Avg. (gal/acre/day)	LDS Flow Rate 14-Day Avg. (gal/acre/day)	Comments
11/1/2023	Wed	11.5	19078413	8687	23.9	208007	647	88.63			
11/2/2023	Thu	12.2	19087100	7180	24.7	208654	375	51.37			
11/3/2023	Fri	11.5	19094280	11335	25.1	209029	411	56.30	65.43		
11/4/2023	Sat	11.5	19105615	11335	25.1	209440	411	56.30			
11/5/2023	Sun	11.5	19116950	11335	25.1	209851	411	56.30			
11/6/2023	Mon	11.7	19128285	9139	23.8	210262	397	54.38	55.66		
11/7/2023	Tue	11.6	19137424	9951	30.2	210659	310	42.47			
11/8/2023	Wed	11.2	19147375	8707	28.2	210969	354	48.49			
11/9/2023	Thu	11.8	19156082	8918	29.4	211323	276	37.81	42.92		
11/10/2023	Fri	12.2	19165000	8120	27.1	211599	181	24.79		51.20	
11/11/2023	Sat	12.2	19173120	8120	27.1	211780	181	24.79			
11/12/2023	Sun	12.2	19181240	8120	27.1	211961	183	25.07	24.89		
11/13/2023	Mon	11.4	19189360	9113	28.2	212144	216	29.59			
11/14/2023	Tue	11.2	19198473	10003	26.5	212360	332	45.48			
11/15/2023	Wed	11.7	19208476	10390	24.7	212692	418	57.26	44.11		
11/16/2023	Thu	11.5	19218866	12657	25.6	213110	378	51.78			
11/17/2023	Fri	11.1	19231523	9283	24.9	213488	300	41.10			
11/18/2023	Sat	11.1	19240806	9283	24.9	213788	300	41.10	44.66		
11/19/2023	Sun	11.1	19250089	9285	24.9	214088	301	41.23			
11/20/2023	Mon	11.7	19259374	5677	25.4	214389	193	26.44			
11/21/2023	Tue	11.2	19265051	6038	26.1	214582	226	30.96	32.88		
11/22/2023	Wed	11.6	19271089	6472	25.2	214808	204	27.95			
11/23/2023	Thu	11.6	19277561	6472	25.2	215012	204	27.95			Closed for Thanksgiving - Flow read is averaged
11/24/2023	Fri	12	19284033	6531	25.6	215216	349	47.81	34.57	37.04	
11/25/2023	Sat	12	19290564	6531	25.6	215565	349	47.81			
11/26/2023	Sun	12	19297095	6533	25.6	215914	349	47.81			
11/27/2023	Mon	11.5	19303628	7580	23.8	216263	0	0.00	31.87		
11/28/2023	Tue	12.2	19311208	5741	24.1	216263	0	0.00			
11/29/2023	Wed	11.3	19316949	6510	24.2	216263	0	0.00			
11/30/2023	Thu	11.1	19323459	6726	24.4	216263	0	0.00	0.00		

		CELL 11 LCS			CELL 11 LDS				150	60	
Date	Day of Week	Liquid Level (inches)	Flow meter reading (gallons)	Gallons Removed	Sump Liquid Level (inches)	Flow meter reading (gallons)	LDS Daily Pump (gal)	LDS Flow Rate Avg. (gal/acre)	LDS Flow Rate 3-Day Avg. (gal/acre/day)	LDS Flow Rate 14-Day Avg. (gal/acre/day)	Comments
11/1/2023	Wed	11.9	20072699	8767	26.7	24954	227	30.68			
11/2/2023	Thu	12	20081466	5702	20.1	25181	11	1.49			
11/3/2023	Fri	12	20087168	3092	20.4	25192	0	0.00	10.72	9.85	
11/4/2023	Sat	12	20090260	3092	20.4	25192	0	0.00			
11/5/2023	Sun	12	20093352	3093	20.4	25192	0	0.00			
11/6/2023	Mon	12.1	20096445	2423	22	25192	0	0.00	0.00		
11/7/2023	Tue	11.6	20098868	2658	22.6	25192	0	0.00			
11/8/2023	Wed	12.2	20101526	4896	22.9	25192	0	0.00			
11/9/2023	Thu	11.6	20106422	5251	23.2	25192	0	0.00	0.00		
11/10/2023	Fri	12	20111673	6600	23.7	25192	0	0.00			
11/11/2023	Sat	12	20118273	6600	23.7	25192	0	0.00			
11/12/2023	Sun	12	20124873	6601	23.7	25192	0	0.00	0.00		
11/13/2023	Mon	11.8	20131474	6137	24.2	25192	0	0.00			
11/14/2023	Tue	11.9	20137611	4661	24.2	25192	0	0.00			
11/15/2023	Wed	12	20142272	4128	24.2	25192	5	0.68	0.23		
11/16/2023	Thu	12.2	20146400	5040	24	25197	0	0.00			
11/17/2023	Fri	11.5	20151440	4700	24.1	25197	0	0.00		0.05	
11/18/2023	Sat	11.5	20156140	4700	24.1	25197	0	0.00	0.00		
11/19/2023	Sun	11.5	20160840	4701	24.1	25197	0	0.00			
11/20/2023	Mon	12	20165541	6782	24.5	25197	0	0.00			
11/21/2023	Tue	12	20172323	5475	24.4	25197	0	0.00	0.00		
11/22/2023	Wed	12.3	20177798	6349	24.5	25197	0	0.00			
11/23/2023	Thu	12.3	20184147	6350	24.5	25197	0	0.00			Closed for Thanksgiving - Flow read is averaged
11/24/2023	Fri	11.5	20190497	8011	24.7	25197	0	0.00	0.00		
11/25/2023	Sat	11.5	20198508	8011	24.7	25197	0	0.00			
11/26/2023	Sun	11.5	20206519	8011	24.7	25197	0	0.00			
11/27/2023	Mon	11.9	20214530	4032	25	25197	0	0.00	0.00		
11/28/2023	Tue	12.3	20218562	4168	25.2	25197	0	0.00			
11/29/2023	Wed	12.1	20222730	5151	25.3	25197	0	0.00			
11/30/2023	Thu	11.7	20227881	5293	25.5	25197	2	0.27	0.09		

		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
11/1/2023	Wed	6.9	7518228	4621	24.7	76206	333866	0	0.00			
11/2/2023	Thu	7.5	7522849	3890	24.3	76206	333866	327	37.16	24.32		
11/3/2023	Fri	1.2	7526739	3791	23.2	76533	334193	215	24.43		40.53	
11/4/2023	Sat	1.2	7530530	3791	23.2	76748	334408	215	24.43			
11/5/2023	Sun	1.2	7534321	3793	23.2	76963	334623	215	24.43	24.43		
11/6/2023	Mon	4	7538114	3341	25.1	77178	334838	326	37.05			
11/7/2023	Tue	5.5	7541455	3676	23.1	77504	335164	0	0.00			
11/8/2023	Wed	6.3	7545131	3071	23.6	77504	335164	326	37.05	24.70		
11/9/2023	Thu	7	7548202	3703	24.4	77830	335490	0	0.00			
11/10/2023	Fri	5.9	7551905	3228	24.9	77830	335490	218	24.77			
11/11/2023	Sat	5.9	7555133	3228	24.9	78048	335708	218	24.77	16.52		
11/12/2023	Sun	5.9	7558361	3229	24.9	78266	335926	219	24.89			
11/13/2023	Mon	3.1	7561590	3077	21	78485	336145	330	37.50			
11/14/2023	Tue	4.9	7564667	3234	22.5	78815	336475	0	0.00	20.80		
11/15/2023	Wed	7.1	7567901	3266	23.8	78815	336475	329	37.39			
11/16/2023	Thu	6.6	7571167	3892	26.3	79144	336804	331	37.61			
11/17/2023	Fri	4.1	7575059	3373	24.9	79475	337135	220	25.00	33.33	23.92	
11/18/2023	Sat	4.1	7578432	3373	24.9	79695	337355	220	25.00			
11/19/2023	Sun	4.1	7581805	3373	24.9	79915	337575	220	25.00			
11/20/2023	Mon	7.6	7585178	3808	23.5	80135	337795	609	69.20	39.73		
11/21/2023	Tue	8.4	7588986	3184	23.7	80744	338404	0	0.00			
11/22/2023	Wed	9.5	7592170	3524	24.8	80744	338404	255	28.98			
11/23/2023	Thu	8.4	7595694	3524	24.8	80999	338659	256	29.09	19.36		Closed for Thanksgiving - Flow read is averaged
11/24/2023	Fri	10	7599218	4011	25.6	81255	338915	272	30.91			
11/25/2023	Sat	10	7603229	4011	25.6	81527	339187	272	30.91			
11/26/2023	Sun	10	7607240	4012	25.6	81799	339459	272	30.91	30.91		
11/27/2023	Mon	4.6	7611252	4388	22.9	82071	339731	212	24.09			
11/28/2023	Tue	7.2	7615640	3196	23.8	82283	339943	0	0.00			
11/29/2023	Wed	6.5	7618836	2982	24.7	82283	339943	110	12.50	12.20		
11/30/2023	Thu	4.5	7621818	3379	23.9	82393	340053	323	36.70			

		North Phase LCS			North Phase LDS (Tank 8A) 150 60						
Date	Day of Week	LCS Sump Level	LCS Flow Meter	Gallons Removed	LDS Sump level	LDS Flow Meter	LDS Daily Pump (gal)	LDS Flow Rate Avg. (gal/acre)	LDS Flow Rate 3-Day Avg. (gal/acre/day)	LDS Flow Rate 14-Day Avg. (gal/acre/day)	Comments
11/1/23	Wed	9.6	687,025	0	19.1	122,457	0	0.00	0.00		
11/2/23	Thu	10.1	687,025	0	19.0	122,457	0	0.00		0.00	
11/3/23	Fri	10.6	687,025	0	19.0	122,457	0	0.00	0.00		
11/4/23	Sat	10.6	687,025	0	19.0	122,457	0	0.00			
11/5/23	Sun	10.6	687,025	0	19.0	122,457	0	0.00			
11/6/23	Mon	11.9	687,025	0	18.9	122,457	0	0.00			
11/7/23	Tue	12.6	687,025	0	19.1	122,457	0	0.00	0.00		
11/8/23	Wed	12.6	687,025	0	19.1	122,457	0	0.00			
11/9/23	Thu	12.6	687,025	0	19.1	122,457	0	0.00			
11/10/23	Fri	12.6	687,025	0	19.1	122,457	0	0.00	0.00		
11/11/23	Sat	12.6	687,025	0	19.1	122,457	0	0.00			
11/12/23	Sun	12.6	687,025	0	19.1	122,457	0	0.00			
11/13/23	Mon	12.6	687,025	0	19.1	122,457	0	0.00	0.00		
11/14/23	Tue	12.6	687,025	0	19.1	122,457	0	0.00			
11/15/23	Wed	12.6	687,025	0	19.1	122,457	0	0.00			
11/16/23	Thu	12.6	687,025	0	19.1	122,457	0	0.00	0.00		
11/17/23	Fri	12.6	687,025	0	19.1	122,457	0	0.00		0.00	
11/18/23	Sat	12.6	687,025	0	19.1	122,457	0	0.00			
11/19/23	Sun	12.6	687,025	0	19.1	122,457	0	0.00	0.00		
11/20/23	Mon	12.6	687,025	1,626	19.1	122,457	0	0.00			
11/21/23	Tue	9.7	688,651	1,098	19.6	122,457	3	0.26			LDS manually pumped to verify pump is operational
11/22/23	Wed	5.2	689,749	0	19.4	122,460	0	0.00	0.09		
11/23/23	Thu	5.2	689,749	1,323	19.4	122,460	0	0.00			Closed for Thanksgiving - Flow read is averaged
11/24/23	Fri	8.9	691,072	1,096	19.6	122,460	0	0.00			
11/25/23	Sat	8.9	692,168	1,096	19.6	122,460	0	0.00	0.00		
11/26/23	Sun	8.9	693,264	1,097	19.6	122,460	0	0.00			
11/27/23	Mon	12.1	694,361	1,358	20.0	122,460	0	0.00			
11/28/23	Tue	10.5	695,719	903	20.1	122,460	0	0.00	0.00		
11/29/23	Wed	7.7	696,622	1,072	20.1	122,460	0	0.00			
11/30/23	Thu	8.9	697,694	0*	20.2	122,460	0	0.00			* 0 gallons removed from LCS is presumed due to lack of 12/1 data

		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
11/1/23	Wed	35.8	36,411	0	33.6	116519	7	0	0.00	0.00		
11/2/23	Thu	35.8	36,411	0	33.6	116519	7	0	0.00			
11/3/23	Fri	35.8	36,411	0	33.6	116519	7	0	0.00			
11/4/23	Sat	35.8	36,411	0	33.6	116519	7	0	0.00	0.00		
11/5/23	Sun	35.8	36,411	0	33.6	116519	7	0	0.00		0.00	
11/6/23	Mon	35.8	36,411	0	33.6	116519	7	0	0.00			
11/7/23	Tue	35.8	36,411	0	33.6	116519	7	0	0.00	0.00		
11/8/23	Wed	35.8	36,411	0	33.6	116519	7	0	0.00			
11/9/23	Thu	35.8	36,411	0	33.6	116519	7	0	0.00			
11/10/23	Fri	35.8	36,411	0	33.6	116519	7	0	0.00	0.00		
11/11/23	Sat	35.8	36,411	0	33.6	116519	7	0	0.00			
11/12/23	Sun	35.8	36,411	0	33.6	116519	7	0	0.00			
11/13/23	Mon	35.8	36,411	0	33.6	116519	7	0	0.00	0.00		
11/14/23	Tue	35.8	36,411	0	33.6	116519	7	0	0.00			
11/15/23	Wed	35.8	36,411	0	33.6	116519	7	0	0.00			
11/16/23	Thu	35.8	36,411	0	33.6	116519	7	0	0.00	0.00		
11/17/23	Fri	35.8	36,411	0	33.6	116519	7	0	0.00			
11/18/23	Sat	35.8	36,411	0	33.6	116519	7	0	0.00			
11/19/23	Sun	35.8	36,411	0	33.6	116519	7	0	0.00	0.00	0.00	
11/20/23	Mon	35.8	36,411	0	33.6	116519	7	0	0.00			
11/21/23	Tue	35.8	36,411	0	33.6	116519	7	0	0.00			
11/22/23	Wed	35.8	36,411	0	33.6	116519	7	0	0.00	0.00		
11/23/23	Thu	35.8	36,411	0	33.6	116519	7	0	0.00			
11/24/23	Fri	35.8	36,411	0	33.6	116519	7	0	0.00			
11/25/23	Sat	35.8	36,411	0	33.6	116519	7	0	0.00	0.00		
11/26/23	Sun	35.8	36,411	0	33.6	116519	7	0	0.00			
11/27/23	Mon	35.8	36,411	0	33.6	116519	7	0	0.00			
11/28/23	Tue	35.8	36,411	0	33.6	116519	7	0	0.00	0.00		
11/29/23	Wed	35.8	36,411	0	33.6	116519	7	0	0.00			
11/30/23	Thu	35.8	36,411	0	33.6	116519	7	0	0.00			

ATTACHMENT F

Gas Extraction Well Operations & Location Map

Device Name	Alias	Description	Active	Location	Downtime (hours)
New Hill Gas Wells					
EVLFLE01	LE-1	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE03	LE-03	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE04	LE-4	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE05	LE-05	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE07	LE-7	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE08	LE-08	Lateral Expansion Area Well	No	Interior	REPLACED
EVLFLE8R	LE-8R	REPLACEMENT FOR LE-08	Yes	Interior	0.25 hour
EVLFLE10	LE-10	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE11	LE-11	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE12	LE-12	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE13	LE-13	Lateral Expansion Area Well	No	Interior	REPLACED
EVLLE13R	LE-13R	Replacement for LE-13	Yes	Interior	0.25 hour
EVLFLE15	LE-15	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE16	LE-16	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE18	LE-18	Lateral Expansion Area Well	No	Interior	REPLACED
EVLLE18R	LE-18R	REPLACEMENT FOR LE-18	Yes	Interior	0.25 hour
EVLFLE19	LE-19	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE21	LE-21	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE24	LE-24	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE26	LE-26	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE27	LE-27	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE29	LE-29	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE31	LE-31	Lateral Expansion Area Well	No	Interior	REPLACED
EVLLE31R	LE-31R	REPLACEMENT FOR LE-31	Yes	Interior	0.25 hour
EVLFLE32	LE-32	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE33	LE-33	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE34	LE-34	Lateral Expansion Area Well	No	Interior	REPLACED
EVLLE34R	LE-34R	REPLACEMENT FOR LE-34	Yes	Interior	0.25 hour
EVLFLE36	LE-36	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE38	LE-38	Lateral Expansion Area Well	No	Interior	REPLACED
EVLLE38R	LE-38R	REPLACEMENT FOR LE-38	Yes	Interior	0.25 hour
EVLFLE39	LE-39	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE41	LE-41	Lateral Expansion Area Well	No	Interior	REPLACED
EVLFLE41R	LE-41R	REPLACEMENT FOR LE-41	Yes	Interior	0.25 hour
EVLFLE42	LE-42	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE43	LE-43	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE45	LE-45	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE48	LE-48	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE50	LE-50	Lateral Expansion Area Well	No	Interior	REPLACED
EVLLE50R	LE-50R	REPLACEMENT FOR LE-50	Yes	Interior	0.25 hour
EVLFLE52	LE-52	Lateral Expansion Area Well	No	Interior	REPLACED
EVLLE52R	LE-52R	REPLACEMENT FOR LE-52	Yes	Interior	0.25 hour
EVLFLE53	LE-53	Lateral Expansion Area Well	No	Interior	REPLACED
EVLF53R	LE-53R	REPLACEMENT FOR LE-53	Yes	Interior	0.25 hour
EVLFLE55	LE-55	Lateral Expansion Area Well	No	Interior	REPLACED
EVLLE55R	LE-55R	REPLACEMENT FOR LE-55	Yes	Interior	0.25 hour
EVLFLE56	LE-56	Lateral Expansion Area Well	No	Interior	REPLACED
EVLLE56R	LE-56R	REPLACEMENT FOR LE-56	Yes	Interior	0.25 hour
EVLFLE57	LE-57	Lateral Expansion Area Well	No	Interior	REPLACED
EVLLE57R	LE-57R	REPLACEMENT FOR LE-57	Yes	Interior	0.25 hour
EVLFLE58	LE-58	Lateral Expansion Area Well	No	Interior	REPLACED
EVLLE58R	LE-58R	REPLACEMENT FOR LE-58	Yes	Interior	0.25 hour
EVLFLE59	LE-59	Lateral Expansion Area Well	No	Interior	0.25 hour
EVLLE59R	LE-59R	REPLACEMENT FOR LE-59	Yes	Interior	0.25 hour
EVLFLE62	LE-62	Lateral Expansion Area Well	No	Interior	REPLACED
EVLLE62R	LE-62R	REPLACEMENT FOR LE-62	Yes	Interior	0.25 hour

Device Name	Alias	Description	Active	Location	Downtime (hours)
EVLFLE64	LE-64	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE65	LE-65	Lateral Expansion Area Well	No	Interior	REPLACED
EVLLE65R	LE-65R	REPLACEMENT FOR LE-65	Yes	Interior	0.25 hour
EVLFLE67	LE-67	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE70	LE-70	Lateral Expansion Area Well	No	Interior	REPLACED
EVLFE70R	LE-70R	Replacement for LE-70	Yes	Interior	0.25 hour
EVLFLE71	LE-71	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE72	LE-72	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE73	LE-73	Lateral Expansion Area Well	No	Interior	REPLACED
EVLLE73R	LE-73R	Replacement for LE-73	Yes	Interior	0.25 hour
EVLFLE75	LE-75	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE76	LE-76	Lateral Expansion Area Well	No	Interior	REPLACED
EVLFE76R	LE-76R	Replacement for LE-76	Yes	Interior	0.25 hour
EVLFLE78	LE-78	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE79	LE-79	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE80	LE-80	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE83	LE-83	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE84	LE-84	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE85	LE-85	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE86	LE-86	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLFLE87	LE-87	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLLF114	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
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

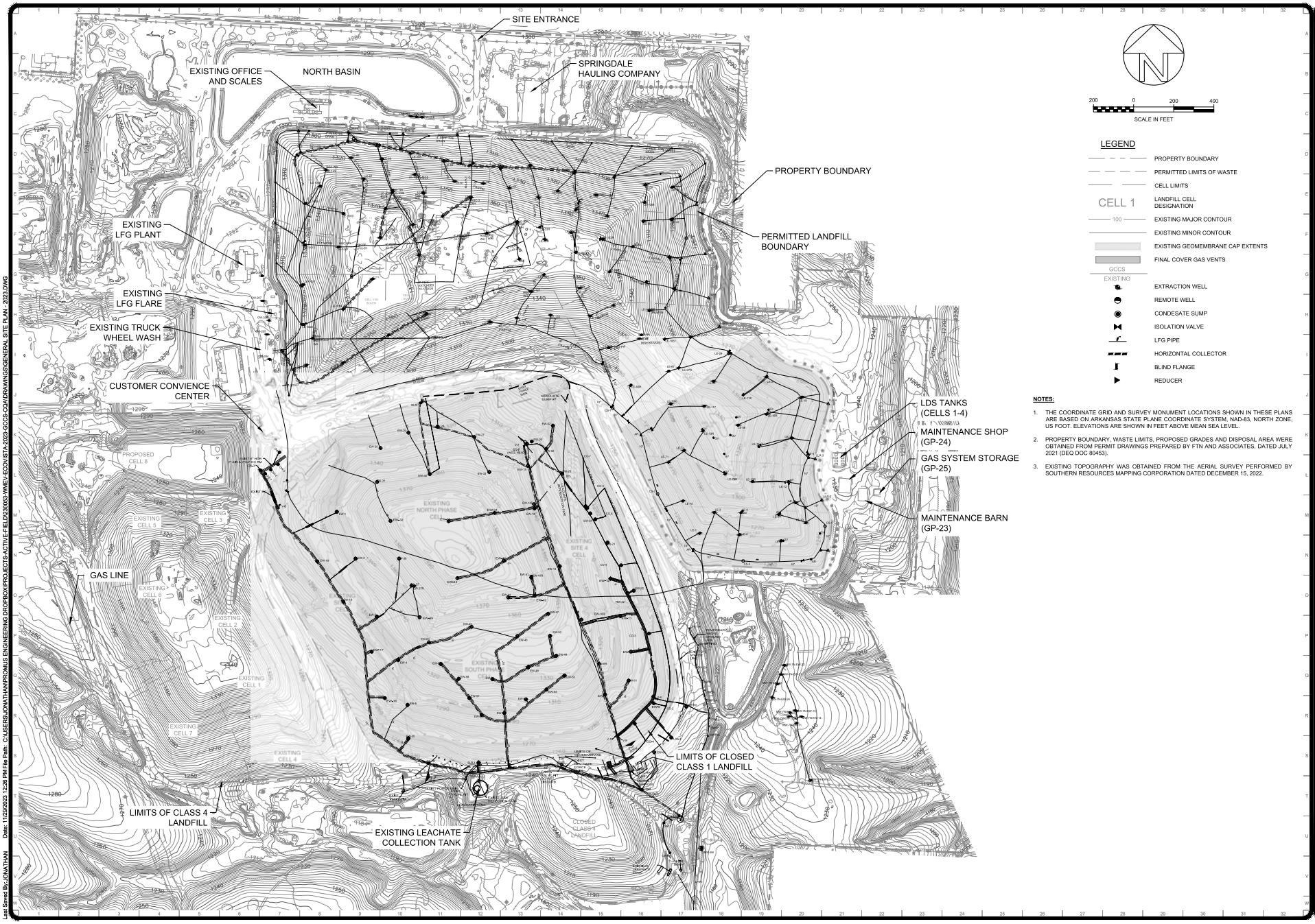
Device Name	Alias	Description	Active	Location	Downtime (hours)
EVEW1056	EW-1056	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVEW1057	EW-1057	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVEW1058	EW-1058	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVEW1059	EW-1059	Lateral Expansion 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	shut off 9/2023
EVLHGC11	HGC-11	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLHGC12	HGC-12	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLHGC13	HGC-13	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLHGC14	HGC-14	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVLHGC15	HGC-15	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
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

Device Name	Alias	Description	Active	Location	Downtime (hours)
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
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					

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

Device Name	Alias	Description	Active	Location	Downtime (hours)
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): 11.10.23 - 0.25 hour



LEGEND

- PROPERTY BOUNDARY
- PERMITTED LIMITS OF WASTE
- CELL LIMITS
- CELL 1 — LANDFILL CELL DESIGNATION
- 100 — EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- EXISTING GEOMEMBRANE CAP EXTENTS
- FINAL COVER GAS VENTS

GCCS EXISTING

- EXTRACTION WELL
- REMOTE WELL
- CONDESATE SUMP
- ISOLATION VALVE
- LFG PIPE
- HORIZONTAL COLLECTOR
- BLIND FLANGE
- REDUCER

NOTES:

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

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

PREPARED FOR: WM

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

GENERAL SITE PLAN - 2023

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

Project No.: 230053
SHEET NUMBER
1

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

ATTACHMENT G

Laboratory Analytical Report & Field Forms

ANALYTICAL REPORT

November 19, 2023

Eco-Vista (Tontitown)LF

Sample Delivery Group:	L1674883
Samples Received:	11/07/2023
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.

TABLE OF CONTENTS

LGW-2 L1674883-01 GW

Collected by: Chris Fincher | Collected date/time: 11/04/23 13:55 | Received date/time: 11/07/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2166810	1	11/08/23 15:53	11/08/23 15:53	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2169360	1	11/13/23 16:12	11/13/23 16:12	HMM	Mt. Juliet, TN

LGW-3R L1674883-02 GW

Collected by: Chris Fincher | Collected date/time: 11/04/23 14:35 | Received date/time: 11/07/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2166810	1	11/08/23 15:55	11/08/23 15:55	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2169360	1	11/13/23 16:21	11/13/23 16:21	HMM	Mt. Juliet, TN

LGW-4 L1674883-03 GW

Collected by: Chris Fincher | Collected date/time: 11/04/23 15:10 | Received date/time: 11/07/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2166810	1	11/08/23 15:56	11/08/23 15:56	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2169360	1	11/13/23 16:31	11/13/23 16:31	HMM	Mt. Juliet, TN

LGW-5 L1674883-04 GW

Collected by: Chris Fincher | Collected date/time: 11/04/23 16:00 | Received date/time: 11/07/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2166810	1	11/08/23 16:02	11/08/23 16:02	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2169810	1	11/17/23 02:39	11/17/23 02:39	GEB	Mt. Juliet, TN

LGW-6 L1674883-05 GW

Collected by: Chris Fincher | Collected date/time: 11/04/23 17:20 | Received date/time: 11/07/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2166810	1	11/08/23 16:04	11/08/23 16:04	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2169810	1	11/17/23 02:52	11/17/23 02:52	GEB	Mt. Juliet, TN

LGW-7 L1674883-06 GW

Collected by: Chris Fincher | Collected date/time: 11/04/23 17:50 | Received date/time: 11/07/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2166810	1	11/08/23 16:05	11/08/23 16:05	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2169810	1	11/17/23 03:06	11/17/23 03:06	GEB	Mt. Juliet, TN

LGW-8R L1674883-07 GW

Collected by: Chris Fincher | Collected date/time: 11/04/23 18:25 | Received date/time: 11/07/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2166810	1	11/08/23 16:08	11/08/23 16:08	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2169810	1	11/17/23 03:20	11/17/23 03:20	GEB	Mt. Juliet, TN

LGW-9 L1674883-08 GW

Collected by: Chris Fincher | Collected date/time: 11/05/23 10:55 | Received date/time: 11/07/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2170062	1	11/13/23 11:51	11/13/23 11:51	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2169810	1	11/17/23 03:33	11/17/23 03:33	GEB	Mt. Juliet, TN

LGW-10 L1674883-09 GW

Collected by: Chris Fincher | Collected date/time: 11/05/23 12:00 | Received date/time: 11/07/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2170062	1	11/13/23 11:55	11/13/23 11:55	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2169810	1	11/17/23 04:14	11/17/23 04:14	GEB	Mt. Juliet, TN

LGW-14R L1674883-10 GW

Collected by: Chris Fincher | Collected date/time: 11/04/23 16:40 | Received date/time: 11/07/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2170062	1	11/13/23 11:58	11/13/23 11:58	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2169810	1	11/17/23 04:27	11/17/23 04:27	GEB	Mt. Juliet, TN

MW-7N L1674883-11 GW

Collected by: Chris Fincher | Collected date/time: 11/05/23 11:30 | Received date/time: 11/07/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2170062	1	11/13/23 12:00	11/13/23 12:00	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2169810	1	11/17/23 04:41	11/17/23 04:41	GEB	Mt. Juliet, TN

MW-15 L1674883-12 GW

Collected by: Chris Fincher | Collected date/time: 11/04/23 12:15 | Received date/time: 11/07/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2170062	1	11/13/23 12:01	11/13/23 12:01	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2169810	1	11/17/23 04:55	11/17/23 04:55	GEB	Mt. Juliet, TN

MW-16 L1674883-13 GW

Collected by: Chris Fincher | Collected date/time: 11/04/23 11:35 | Received date/time: 11/07/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2170062	1	11/13/23 12:07	11/13/23 12:07	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2169810	1	11/17/23 05:09	11/17/23 05:09	GEB	Mt. Juliet, TN

MW-17 L1674883-14 GW

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

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2170062	1	11/13/23 12:09	11/13/23 12:09	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2169810	1	11/17/23 05:22	11/17/23 05:22	GEB	Mt. Juliet, TN

SAMPLE SUMMARY

MW-19 L1674883-15 GW

Collected by: Chris Fincher
Collected date/time: 11/04/23 11:05
Received date/time: 11/07/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2170062	1	11/13/23 12:10	11/13/23 12:10	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2169810	1	11/17/23 05:36	11/17/23 05:36	GEB	Mt. Juliet, TN

FB L1674883-16 GW

Collected by: Chris Fincher
Collected date/time: 11/04/23 18:30
Received date/time: 11/07/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2170062	1	11/13/23 12:12	11/13/23 12:12	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2169813	1	11/14/23 01:16	11/14/23 01:16	GEB	Mt. Juliet, TN

LGW-6-DUP L1674883-17 GW

Collected by: Chris Fincher
Collected date/time: 11/04/23 07:00
Received date/time: 11/07/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2170062	1	11/13/23 12:13	11/13/23 12:13	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2169813	1	11/14/23 01:31	11/14/23 01:31	GEB	Mt. Juliet, TN

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

Stacy Kennedy
Project Manager

Project Comments

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

Wet Chemistry by Method 9056A

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

Batch	Lab Sample ID	Analytes
WG2169360	(DUP) R3999219-3	Chloride

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

Analyte	Result	Units
pH (On Site)	6.73	su
Specific Conductance (on site)	817	umhos/cm
Temperature (on-site)	19.2	Deg. C
Turbidity (on-site)	3.4	NTU
Dissolved Oxygen (on-site)	6.4	mg/l
eH/ORP (On Site)	102.8	mV
Depth to water (DTW) (FROM TOC)	72.9	ft

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	ND		0.100	1	11/08/2023 15:53	WG2166810

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	10.9		3.00	1	11/13/2023 16:12	WG2169360

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

Analyte	Result	Units
pH (On Site)	5.22	su
Specific Conductance (on site)	131	umhos/cm
Temperature (on-site)	16.9	Deg. C
Turbidity (on-site)	4.7	NTU
Dissolved Oxygen (on-site)	5.5	mg/l
eH/ORP (On Site)	151.3	mV
Depth to water (DTW) (FROM TOC)	56.86	ft

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	ND		0.100	1	11/08/2023 15:55	WG2166810

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	4.60		3.00	1	11/13/2023 16:21	WG2169360

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

Analyte	Result	Units
pH (On Site)	6.53	su
Specific Conductance (on site)	925	umhos/cm
Temperature (on-site)	16.5	Deg. C
Turbidity (on-site)	5.3	NTU
Dissolved Oxygen (on-site)	1.8	mg/l
eH/ORP (On Site)	117.8	mV
Depth to water (DTW) (FROM TOC)	60.95	ft

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	ND		0.100	1	11/08/2023 15:56	WG2166810

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	20.0		3.00	1	11/13/2023 16:31	WG2169360

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

Analyte	Result	Units
pH (On Site)	6.3	su
Specific Conductance (on site)	1065	umhos/cm
Temperature (on-site)	18.9	Deg. C
Turbidity (on-site)	2.8	NTU
Dissolved Oxygen (on-site)	2.4	mg/l
eH/ORP (On Site)	-101.8	mV
Depth to water (DTW) (FROM TOC)	72.1	ft

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	0.102		0.100	1	11/08/2023 16:02	WG2166810

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	28.9		3.00	1	11/17/2023 02:39	WG2169810

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

Analyte	Result	Units
pH (On Site)	6.24	su
Specific Conductance (on site)	902	umhos/cm
Temperature (on-site)	16.8	Deg. C
Turbidity (on-site)	2.9	NTU
Dissolved Oxygen (on-site)	0.6	mg/l
eH/ORP (On Site)	-22.8	mV
Depth to water (DTW) (FROM TOC)	51.25	ft

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	ND		0.100	1	11/08/2023 16:04	WG2166810

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	16.9		3.00	1	11/17/2023 02:52	WG2169810

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

Analyte	Result	Units
pH (On Site)	6.75	su
Specific Conductance (on site)	724	umhos/cm
Temperature (on-site)	16.8	Deg. C
Turbidity (on-site)	3	NTU
Dissolved Oxygen (on-site)	3	mg/l
eH/ORP (On Site)	38.6	mV
Depth to water (DTW) (FROM TOC)	43.71	ft

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	ND		0.100	1	11/08/2023 16:05	WG2166810

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	14.5		3.00	1	11/17/2023 03:06	WG2169810

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

Analyte	Result	Units
pH (On Site)	6.53	su
Specific Conductance (on site)	913	umhos/cm
Temperature (on-site)	16.5	Deg. C
Turbidity (on-site)	2.6	NTU
Dissolved Oxygen (on-site)	1	mg/l
eH/ORP (On Site)	63.8	mV
Depth to water (DTW) (FROM TOC)	11.05	ft

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	ND		0.100	1	11/08/2023 16:08	WG2166810

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	19.9		3.00	1	11/17/2023 03:20	WG2169810

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

Analyte	Result	Units
pH (On Site)	6.33	su
Specific Conductance (on site)	991	umhos/cm
Temperature (on-site)	16.8	Deg. C
Turbidity (on-site)	2.4	NTU
Dissolved Oxygen (on-site)	1.4	mg/l
eH/ORP (On Site)	111.6	mV
Depth to water (DTW) (FROM TOC)	53.73	ft

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	ND		0.100	1	11/13/2023 11:51	WG2170062

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	33.5		3.00	1	11/17/2023 03:33	WG2169810

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

Analyte	Result	Units
pH (On Site)	6.3	su
Specific Conductance (on site)	1209	umhos/cm
Temperature (on-site)	16.9	Deg. C
Turbidity (on-site)	3.4	NTU
Dissolved Oxygen (on-site)	0.4	mg/l
eH/ORP (On Site)	-50.1	mV
Depth to water (DTW) (FROM TOC)	59.44	ft

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	0.130		0.100	1	11/13/2023 11:55	WG2170062

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	23.7		3.00	1	11/17/2023 04:14	WG2169810

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

Analyte	Result	Units
pH (On Site)	6.76	su
Specific Conductance (on site)	750	umhos/cm
Temperature (on-site)	16	Deg. C
Turbidity (on-site)	2.8	NTU
Dissolved Oxygen (on-site)	4.4	mg/l
eH/ORP (On Site)	31.1	mV
Depth to water (DTW) (FROM TOC)	56.7	ft

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	ND		0.100	1	11/13/2023 11:58	WG2170062

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	5.23		3.00	1	11/17/2023 04:27	WG2169810

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

Analyte	Result	Units
pH (On Site)	6.69	su
Specific Conductance (on site)	780	umhos/cm
Temperature (on-site)	17	Deg. C
Turbidity (on-site)	2.9	NTU
Dissolved Oxygen (on-site)	4.1	mg/l
eH/ORP (On Site)	91.4	mV
Depth to water (DTW) (FROM TOC)	87.41	ft

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	ND		0.100	1	11/13/2023 12:00	WG2170062

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	30.4		3.00	1	11/17/2023 04:41	WG2169810

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

Analyte	Result	Units
pH (On Site)	6.43	su
Specific Conductance (on site)	815	umhos/cm
Temperature (on-site)	16.1	Deg. C
Turbidity (on-site)	3	NTU
Dissolved Oxygen (on-site)	5.4	mg/l
eH/ORP (On Site)	109	mV
Depth to water (DTW) (FROM TOC)	58.85	ft

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	ND		0.100	1	11/13/2023 12:01	WG2170062

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	39.9		3.00	1	11/17/2023 04:55	WG2169810

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

Analyte	Result	Units
pH (On Site)	7.21	su
Specific Conductance (on site)	495	umhos/cm
Temperature (on-site)	17.2	Deg. C
Turbidity (on-site)	2.9	NTU
Dissolved Oxygen (on-site)	6.9	mg/l
eH/ORP (On Site)	83.5	mV
Depth to water (DTW) (FROM TOC)	74.04	ft

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	ND		0.100	1	11/13/2023 12:07	WG2170062

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	3.81		3.00	1	11/17/2023 05:09	WG2169810

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

Analyte	Result	Units
pH (On Site)	6.58	su
Specific Conductance (on site)	404	umhos/cm
Temperature (on-site)	17.2	Deg. C
Turbidity (on-site)	12.2	NTU
Dissolved Oxygen (on-site)	7.4	mg/l
eH/ORP (On Site)	72.1	mV
Depth to water (DTW) (FROM TOC)	60.39	ft

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	ND		0.100	1	11/13/2023 12:09	WG2170062

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	6.21		3.00	1	11/17/2023 05:22	WG2169810

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

Analyte	Result	Units
pH (On Site)	6.86	su
Specific Conductance (on site)	706	umhos/cm
Temperature (on-site)	19.2	Deg. C
Turbidity (on-site)	2.7	NTU
Dissolved Oxygen (on-site)	6.6	mg/l
eH/ORP (On Site)	84.8	mV
Depth to water (DTW) (FROM TOC)	68.05	ft

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	ND		0.100	1	11/13/2023 12:10	WG2170062

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	7.15		3.00	1	11/17/2023 05:36	WG2169810

Wet Chemistry by Method 350.1

Analyte	Result mg/l	Qualifier	RL mg/l	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	ND		0.100	1	11/13/2023 12:12	WG2170062

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	RL mg/l	Dilution	Analysis date / time	Batch
Chloride	ND		3.00	1	11/14/2023 01:16	WG2169813

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	ND		0.100	1	11/13/2023 12:13	WG2170062

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	16.5		3.00	1	11/14/2023 01:31	WG2169813

Method Blank (MB)

(MB) R3997285-1 11/08/23 15:23

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

L1674083-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1674083-01 11/08/23 15:31 • (DUP) R3997285-5 11/08/23 15:32

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Ammonia Nitrogen	0.907	0.885	1	2.46		10

L1674883-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1674883-07 11/08/23 16:08 • (DUP) R3997285-7 11/08/23 16:10

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

Laboratory Control Sample (LCS)

(LCS) R3997285-2 11/08/23 15:25

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Ammonia Nitrogen	7.50	7.94	106	90.0-110	

L1672902-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1672902-01 11/08/23 15:26 • (MS) R3997285-3 11/08/23 15:28 • (MSD) R3997285-4 11/08/23 15:29

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Ammonia Nitrogen	5.00	2.44	7.68	7.88	105	109	1	90.0-110			2.52	10

L1674883-06 Original Sample (OS) • Matrix Spike (MS)

(OS) L1674883-06 11/08/23 16:05 • (MS) R3997285-6 11/08/23 16:07

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Ammonia Nitrogen	5.00	ND	5.36	107	1	90.0-110	

Method Blank (MB)

(MB) R3999067-1 11/13/23 11:43

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

L1674883-09 Original Sample (OS) • Duplicate (DUP)

(OS) L1674883-09 11/13/23 11:55 • (DUP) R3999067-5 11/13/23 11:57

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Ammonia Nitrogen	0.130	0.130	1	0.000		10

L1675667-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1675667-02 11/13/23 12:27 • (DUP) R3999067-7 11/13/23 12:28

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Ammonia Nitrogen	1.15	1.16	1	0.867		10

Laboratory Control Sample (LCS)

(LCS) R3999067-2 11/13/23 11:45

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Ammonia Nitrogen	7.50	7.59	101	90.0-110	

L1674883-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1674883-08 11/13/23 11:51 • (MS) R3999067-3 11/13/23 11:52 • (MSD) R3999067-4 11/13/23 11:54

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Ammonia Nitrogen	5.00	ND	5.07	5.16	101	103	1	90.0-110			1.74	10

L1675667-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1675667-01 11/13/23 12:19 • (MS) R3999067-6 11/13/23 12:21

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Ammonia Nitrogen	5.00	1.17	6.29	102	1	90.0-110	

QUALITY CONTROL SUMMARY

L1674883-01,02,03

Method Blank (MB)

(MB) R3999219-1 11/13/23 11:00

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

L1674766-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1674766-02 11/13/23 14:27 • (DUP) R3999219-3 11/13/23 14:37

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	20.7	25.4	1	20.4	J3	15

L1674883-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1674883-03 11/13/23 16:31 • (DUP) R3999219-6 11/13/23 16:41

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	20.0	19.7	1	1.33		15

Laboratory Control Sample (LCS)

(LCS) R3999219-2 11/13/23 11:10

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	39.5	98.8	80.0-120	

L1674766-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1674766-02 11/13/23 14:27 • (MS) R3999219-4 11/13/23 14:46 • (MSD) R3999219-5 11/13/23 14:56

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	40.0	20.7	56.6	55.9	89.9	88.0	1	80.0-120			1.32	15

L1674883-03 Original Sample (OS) • Matrix Spike (MS)

(OS) L1674883-03 11/13/23 16:31 • (MS) R3999219-7 11/13/23 16:50

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40.0	20.0	55.7	89.3	1	80.0-120	

QUALITY CONTROL SUMMARY

L1674883-04,05,06,07,08,09,10,11,12,13,14,15

Method Blank (MB)

(MB) R4001461-1 11/16/23 21:57

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	0.188		0.0519	1.00

L1674867-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1674867-01 11/17/23 01:30 • (DUP) R4001461-3 11/17/23 01:44

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	6.84	6.82	1	0.206		15

L1674883-15 Original Sample (OS) • Duplicate (DUP)

(OS) L1674883-15 11/17/23 05:36 • (DUP) R4001461-6 11/17/23 05:50

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	7.15	7.21	1	0.748		15

Laboratory Control Sample (LCS)

(LCS) R4001461-2 11/16/23 23:15

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

L1674867-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1674867-01 11/17/23 01:30 • (MS) R4001461-4 11/17/23 01:57 • (MSD) R4001461-5 11/17/23 02:12

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	40.0	6.84	46.5	46.6	99.2	99.4	1	80.0-120			0.181	15

L1674883-15 Original Sample (OS) • Matrix Spike (MS)

(OS) L1674883-15 11/17/23 05:36 • (MS) R4001461-7 11/17/23 06:04

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40.0	7.15	45.7	96.3	1	80.0-120	

Method Blank (MB)

(MB) R3999396-1 11/13/23 23:31

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

L1675158-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1675158-02 11/14/23 02:01 • (DUP) R3999396-3 11/14/23 02:15

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	9.90	10.3	1	3.62		15

L1675173-10 Original Sample (OS) • Duplicate (DUP)

(OS) L1675173-10 11/14/23 05:44 • (DUP) R3999396-6 11/14/23 06:29

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	8.53	8.34	1	2.23		15

Laboratory Control Sample (LCS)

(LCS) R3999396-2 11/13/23 23:46

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	41.1	103	80.0-120	

L1675158-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1675158-02 11/14/23 02:01 • (MS) R3999396-4 11/14/23 02:30 • (MSD) R3999396-5 11/14/23 02:45

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	40.0	9.90	47.7	47.7	94.6	94.6	1	80.0-120			0.0536	15

L1675173-10 Original Sample (OS) • Matrix Spike (MS)

(OS) L1675173-10 11/14/23 05:44 • (MS) R3999396-7 11/14/23 06:44

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40.0	8.53	46.3	94.5	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
J3	The associated batch QC was outside the established quality control range for precision.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address:
Eco-Vista (Tontitown)LF

88 Joyce Lane
Russellville, AR 72801

Billing Information:
jreyno10@wm.com
P.O. Box 4745
WM A/P DEPARTMENT
Portland, OR 97208-4745

Pres Chk

Report to: **Jodi Reynolds**

Email To: ciara.childers.beavers@jettenviro.com;jeffholm

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 Finch

Site/Facility ID # **AR03**

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	CHLORIDE 125mlHDPE-NoPres	NH3 250mlHDPE-H2SO4 (2)
~~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	73.85	11.4.23	1355	2	X	X
LGW-3R		GW	57.15	11.4.23	1435	2	X	X
LGW-4		GW	61.15	11.4.23	1510	2	X	X
LGW-5		GW	72.15	11.4.23	1600	2	X	X
LGW-6		GW	51.30	11.4.23	1720	2	X	X
LGW-7		GW	44.40	11.4.23	1750	2	X	X

Chain of Custody Page 1 of 3

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN
12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1674883
C057

Acctnum: WMECOVISAR
Template: T161046
Prelogin: P1032625
PM: 616 - Stacy Kennedy
PB:

Shipped Via: FedEX Ground

Remarks	Sample # (lab only)
	-01
	-02
	-03
	-04
	-05
	-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.

pH ___ Temp ___
Flow ___ Other ___

Samples returned via: __ UPS __ FedEx __ Courier ___

Tracking # 7123 3303 3130

Sample Receipt Checklist

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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature) DPA84.340	Temp: 24.3 °C Bottles Received: 34	If pre… PH-10BDH4321 TRC 2352362 CR6-20221V PH-10BDH4321 TRC 2352362 …/Time
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) Taylor McCarty (2)	Date: 11.7.23 Time: 0900	Hold: Condition: NCF / OK

Company Name/Address:
Eco-Vista (Tontitown)LF

88 Joyce Lane
Russellville, AR 72801

Billing Information:
jreyno10@wm.com
P.O. Box 4745
WM A/P DEPARTMENT
Portland, OR 97208-4745

Pres Chk

Report to:
Jodi Reynolds

Email To:
ciara.childers.beavers@jettenviro.com;jeffholm

Project Description:
Eco-Vista-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 Fineke

Site/Facility ID #
AR03

P.O. #

Collected by (signature):
Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed

Quote #

Analysis / Container / Preservative

Chain of Custody Page 2 of 3

Pace
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12065 Lebanon Rd Mount Juliet, TN 37122
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SDG # L1674883

Table #

Acctnum: WMECOVISAR
Template:T161046
Prelogin: P1032625
PM: 616 - Stacy Kennedy
PB:

Shipped Via: FedEX Ground

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	CHLORIDE 125mlHDPE-NoPres	NH3 250mlHDPE-H2SO4								Remarks	Sample # (lab only)
LGW-8R	Grab	GW	11.10	11.4.23	1825	2	X	X									-07
LGW-9		GW	54.25	11.5.23	1055	2	X	X									-08
LGW-10		GW	60.70	11.5.23	1200	2	X	X									-09
LGW-14R		GW	59.50	11.4.23	1640	2	X	X									-10
MW-7N		GW	87.85	11.5.23	1130	2	X	X									-11
MW-15		GW	58.95	11.4.23	1215	2	X	X									-12
MW-16		GW	75.70	11.4.23	1135	2	X	X									-13
MW-17		GW	60.50	11.5.23	1305	2	X	X									-14
MW-19		GW	69.25	11.4.23	1105	2	X	X									-15
FB		GW	N/A	11.4.23	1830	2	X	X									-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 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 # 7123 3303 3130

Trip Blank Received: Yes / No
HCL / MeoH
TBR

Temp: °C Bottles Received: 3U

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	11.6.23	1100	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
			DT184 3to43
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)
			Taylor McCurdy (JT)

Date: 11.7.23 Time: 0900

Company Name/Address:	Billing Information:	Pres Chk	Analysis / Container / Preservative	Chain of Custody Page 3 of 3
Eco-Vista (Tontitown)LF 88 Joyce Lane Russellville, AR 72801	jreyno10@wm.com P.O. Box 4745 WM A/P DEPARTMENT Portland, OR 97208-4745			Pace® PEOPLE ADVANCING SCIENCE **MT JULIET, TN** 12065 Lebanon Rd Mount Juliet, TN 37122 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

Report to: **Jodi Reynolds**	Email To: ciara.childers.beavers@jettenviro.com;jeffholm	
Project Description: Eco-Vista-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. #
Collected by (signature): [signature] Immediately Packed on Ice N___ Y X	***Rush?*** (Lab MUST Be Notified) ___ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day	Quote # Date Results Needed

SDG # L1674883
Table #
Acctnum: **WMECOVISAR**
Template: **T161046**
Prelogin: **P1032625**
PM: **616 - Stacy Kennedy**
PB:
Shipped Via: **FedEX Ground**

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	CHLORIDE 125mlHDPE-NoPres	NH3 250mlHDPE-H2SO4									Remarks	Sample # (lab only)
LGW-6-DUP	Grab	GW	77.77	11.4.23	0700	2	X	X										-17
		GW				2	X	X										
		GW				2	X	X										
		GW				2	X	X										
		GW				2	X	X										

* 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 # 7125 3303 3130

Sample Receipt Checklist
COC Seal Present/Intact: __NP _Y_ _N
COC Signed/Accurate: _Y_ _N
Bottles arrive intact: _Y_ _N
Correct bottles used: _Y_ _N
Sufficient volume sent: _Y_ _N
If Applicable
VOA Zero Headspace: _Y _N
Preservation Correct/Checked: _Y_ _N
RAD Screen <0.5 mR/hr: _Y_ _N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	
[signature]	11.6.23	1100			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C DPA84:3.0=4.3	Bottles Received: 34
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) Taylor McNally	Date: 11.7.23	Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

FIELD INFORMATION FORM

WASTE MANAGEMENT

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: 446883

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
11 04 23	13:30	:			

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment … Dedicated: [X] or [N]

Filter Device: [Y] or [N] [0.45 µ] or [ ] µ (circle or fill in)

Purging Device [C]
Sampling Device [C]
X-Other:

A- Submersible Pump
B-Peristaltic Pump
C-QED Bladder Pump
D-Bailer
E-Piston Pump
F-Dipper/Bottle

Filter Type:
A-In-line Disposable
B-Pressure
C-Vacuum
X-Other

Sample Tube Type: D
A-Teflon
B-Stainless Steel
C-PVC
D-Polypropylene
X-Other:

WELL DATA

Well Elevation (at TOC) ____ (ft/msl)

Depth to Water (DTW) (from TOC) 72.90 (ft)

Groundwater Elevation (site datum, from TOC) ____ (ft/msl)

Total Well Depth (from TOC) ____ (ft)

Stick Up (from ground elevation) ____ (ft)

Casing ID 2 (in)

Casing Material PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
13:35	200 1st	6.74 1st	735	22.0	5.3	7.4	102.4	73.78
13:40	200 2nd	6.65 2nd	822	19.0	4.1	7.3	105.9	73.8
13:45	200 3rd	6.70 3rd	816	19.6	3.5	6.5	103.9	73.8
13:50	200 4th	6.72 4th	823	19.1	3.4	6.4	103.2	73.85
13:55	200	6.73	817	19.2	3.4	6.4	102.8	73.85
:								
:								
:								
:								
:								
:								
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	–	–	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
11 04 23	6.73	817	19.2	3.4	6.4	102.8	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: Clear Odor: None Color: Clear Other: ____

Weather Conditions (required daily, or as conditions change): Direction/Speed: ____ Outlook: ____ Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required):

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
11/4/23	C. Fincher		Praxis

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

ORIGINAL COPY

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: EVLF

Site No.:

Sample Point: 4CW-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: L1674883

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
11 04 23	1415				

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment … Dedicated: Y or N (Y marked)

Filter Device: Y or N (N marked) 0.45 µ or ____ µ (circle or fill in)

Purging Device: C
Sampling Device: C
X-Other:

A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Filter Type: ____ A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: D — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): ____ (ft/msl)

Depth to Water (DTW) (from TOC): 56.86 (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)
1st	14:20	200	5.46	158	17.6	4.1	6.8	120.2	57.15
2nd	14:25	200	5.26	139	17.4	4.5	5.6	141.6	57.15
3rd	14:30	200	5.23	132	17.0	4.3	5.5	148.7	57.15
4th	14:35	200	5.22	131	16.9	4.7	5.5	151.3	57.15
	Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
11 04 23	5.22	131	16.9	4.7	5.5	151.3	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: Clear Odor: None Color: Clear Other:

Weather Conditions (required daily, or as conditions change): Direction/Speed: ____ Outlook: ____ Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required):

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
11.4.23	C Fincher	[signature]	pramg

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

ORIGINAL COPY

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: EVLF

Site No.:

Sample Point: 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: L1674883

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
11 04 23	14:45	:			

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment … Dedicated: Y or N — Y

Filter Device: Y or N — N   0.45 µ or ____ µ (circle or fill in)

Purging Device: C
Sampling Device: C
X-Other:

A- Submersible Pump; B-Peristaltic Pump; C-QED Bladder Pump; D-Bailer; E-Piston Pump; F-Dipper/Bottle

Filter Type: ____   A-In-line Disposable; B-Pressure; C-Vacuum; X-Other

Sample Tube Type: D   A-Teflon; B-Stainless Steel; C-PVC; D-Polypropylene; X-Other:

WELL DATA

Well Elevation (at TOC): ____ (ft/msl)
Depth to Water (DTW) (from TOC): 60.95 (ft)
Groundwater Elevation (site datum, from TOC): ____ (ft/msl)
Total Well Depth (from TOC): ____ (ft)
Stick Up (from ground elevation): ____ (ft)
Casing ID: 2 (in)
Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
14:50	200	1st 6.77	1st 795	17.8	4.8	7.9	122.8	61.15
14:55	200	2nd 6.52	2nd 916	16.7	5.5	2.9	122.7	61.15
15:00	200	3rd 6.53	3rd 921	16.6	5.5	2.0	119.6	61.15
15:05	200	4th 6.53	4th 923	16.6	5.4	1.9	118.5	61.15
15:10	200	6.53	925	16.5	5.3	1.8	117.8	61.15
:								
:								
:								
:								
:								
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
11 04 23	~~6.77~~ 6.53	~~795~~ 925	~~17.8~~ 16.5	~~4.8~~ 5.3	~~7.9~~ 1.8	~~122.8~~ 117.8	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: clear   Odor: None   Color: clear   Other:

Weather Conditions (required daily, or as conditions change): Direction/Speed: ____ Outlook: ____ Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required):

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
11/4/23	C. Fincher	[signature]	Prolang
/ /			

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

ORIGINAL COPY

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: EVLF

Site No.: ____ Sample Point: LGM-5 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: 1674883

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
11 04 23	15:30	:			

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: [X] or [N]

Filter Device: [Y] or [X] [0.45 µ] or [ ] µ (circle or fill in)

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

Filter Type: ____ A-In-line Disposable, B-Pressure, C-Vacuum, X-Other ____

X-Other: ____

Sample Tube Type: D — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other: ____

WELL DATA

Well Elevation (at TOC) (ft/msl)	Depth to Water (DTW) (from TOC) (ft)	Groundwater Elevation (site datum, from TOC) (ft/msl)
	72.10	

Total Well Depth (from TOC) (ft)	Stick Up (from ground elevation) (ft)	Casing ID (in)	Casing Material
		2	PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
15:35	200 1st	6.55 1st	9.70	19.7	6.1	3.6	104.6	72.15
15:40	200 2nd	6.58 2nd	9.51	20.4	3.5	5.0	101.6	72.15
15:45	200 3rd	6.35 3rd	10.05	19.4	2.6	4.2	-62.3	72.15
15:50	200 4th	6.32 4th	10.45	19.3	2.7	3.1	-88.8	72.15
15:55	200	6.31	10.59	19.1	2.6	2.7	-98.7	72.15
16:00	200	6.30	10.65	18.9	2.8	2.4	-101.8	72.15
:								
:								
:								
:								
:								
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	–	–	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
11 04 23	6.30	10.65	18.9	2.8	2.4	-101.8	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: Clear Odor: none Color: Clear Other: ____

Weather Conditions (required daily, or as conditions change): Direction/Speed: ____ Outlook: ____ Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required):

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
11/4/23	L. Fincher		

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

ORIGINAL COPY

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: EVLF

Site No.:

Sample Point: 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: L1674883

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
11 04 23	16:55				

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 (X) or N

Filter Device: Y or N (X) 0.45 µ or ___ µ (circle or fill in)

Purging Device: C

Sampling Device: C

X-Other:

A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Filter Type: ___ A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: D — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): ___ (ft/msl)

Depth to Water (DTW) (from TOC): 51.25 (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)
1st	17:00	200	6.28	808	17.2	30	4.5	331	51.35
2nd	17:05	200	6.23	892	16.8	30	1.1	-151	51.35
3rd	17:10	200	6.23	900	16.8	29	0.6	-196	51.3
4th	17:15	200	6.24	901	16.8	30	0.6	-204	51.3
	17:20	200	6.24	902	16.8	29	0.6	-228	51.3
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
11 04 23	6.24	902	16.8	29	0.6	-228	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: Clear   Odor: None   Color: Clear   Other:

Weather Conditions (required daily, or as conditions change): Direction/Speed: ___ Outlook: ___ Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required):

LGW-6 Dup @ 0700 + 77.77'

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
11/4/23	C. Finder	[signature]	Pranz

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

ORIGINAL COPY

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: EVLF

Site No.:

Sample Point: LGW-7 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: 46748883

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
11 04 23	1730				

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment … Dedicated: Y or N — Y marked

Filter Device: Y or N — N marked; 0.45 µ or ___ µ (circle or fill in)

Purging Device: C

Sampling Device: C

A- Submersible Pump; B-Peristaltic Pump; C-QED Bladder Pump; D-Bailer; E-Piston Pump; F-Dipper/Bottle

X-Other:

Filter Type: ___ A-In-line Disposable; B-Pressure; C-Vacuum; X-Other

Sample Tube Type: D — A-Teflon; B-Stainless Steel; C-PVC; D-Polypropylene; X-Other:

WELL DATA

Well Elevation (at TOC): ___ (ft/msl)

Depth to Water (DTW) (from TOC): 43.71 (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)
17:35	200	1st	6.90	1st	699	16.9	2.9	5.5	11	44.4
17:40	200	2nd	6.87	2nd	680	18.1	3.2	3.4	235	44.4
17:45	200	3rd	6.79	3rd	713	16.8	3.0	3.2	339	44.4
17:50	200	4th	6.75	4th	724	16.8	3.0	3.0	386	44.4
:										
:										
:										
:										
:										
:										
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
11 04 23	6.75	724	16.8	3.0	3.0	386	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: Clear Odor: None Color: Clear Other:

Weather Conditions (required daily, or as conditions change): Direction/Speed: ___ Outlook: ___ Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required):

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
11/4/23	C. Finchler	[signature]	Pramy

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

ORIGINAL COPY

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: EVLF

Site No.:

Sample Point: LGWW-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: L1674883

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
11 04 23	18:00	:			

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment … Dedicated: [Y] or [N]

Filter Device: [Y] or [N] [0.45 µ] or [ ] µ (circle or fill in)

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

Filter Type: A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

X-Other:

Sample Tube Type: D — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): (ft/msl)

Depth to Water (DTW) (from TOC): 110.5 (ft)

Groundwater Elevation (site datum, from TOC): (ft/msl)

Total Well Depth (from TOC): (ft)

Stick Up (from ground elevation): (ft)

Casing ID: 2 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
18:05	200 1st	6.76 1st	746 1st	17.2	3.8	3.6	450	111
18:10	200 2nd	6.55 2nd	878 2nd	16.5	2.6	3.2	602	111
18:15	200 3rd	6.54 3rd	901 3rd	16.5	2.6	1.6	632	111
18:20	200 4th	6.54 4th	909 4th	16.5	2.5	1.2	637	111
18:25	200	6.53	913	16.5	2.6	1.0	638	111
:								
:								
:								
:								
:								
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
11 04 23	6.53	913	16.5	2.6	1.0	638	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: Clear — Odor: None — Color: Clear — Other:

Weather Conditions (required daily, or as conditions change): Direction/Speed: — Outlook: — Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required):

FB @ 1830

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
11/5/23	L. Fowler		Prony

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

ORIGINAL COPY

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: EVLF

Site No.: ____ Sample Point: LC-W-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: 4674883

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
11/05/23	10:30				

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment … Dedicated: [Y] or [N]

Filter Device: [Y] or [X] [0.45 µ] or [ ] µ (circle or fill in)

Purging Device [C]

Sampling Device [C]

A- Submersible Pump B-Peristaltic Pump C-QED Bladder Pump D-Bailer E-Piston Pump F-Dipper/Bottle

X-Other:

Filter Type: A-In-line Disposable B-Pressure C-Vacuum X-Other

Sample Tube Type: [D] A-Teflon B-Stainless Steel C-PVC D-Polypropylene X-Other:

WELL DATA

Well Elevation (at TOC) (ft/msl)

Depth to Water (DTW) (from TOC) 53.73 (ft)

Groundwater Elevation (site datum, from TOC) (ft/msl)

Total Well Depth (from TOC) (ft)

Stick Up (from ground elevation) (ft)

Casing ID 2 (in)

Casing Material PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
10:35	200 1st	6.69 1st	968 1st	17.8	3.6	6.5	101.0	54.24
10:40	200 2nd	6.36 2nd	975 2nd	17.7	2.6	3.3	110.1	54.21
10:45	200 3rd	6.34 3rd	993 3rd	17.1	2.5	2.0	111.3	54.25
10:50	200 4th	6.34 4th	992 4th	16.8	2.5	1.6	111.6	54.25
10:55	200	6.33	991	16.8	2.4	1.4	111.6	54.25
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
11/05/23	6.33	991	16.8	2.4	1.4	111.6	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: clear Odor: none Color: clear Other:

Weather Conditions (required daily, or as conditions change): Sunny Direction/Speed: SW at 15-22mph Outlook: Sunny, 60s Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required):

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
11/5/23	C. Fink		Arcadis

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

ORIGINAL COPY

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: EVLF

Site No.: ____ Sample Point: LGW-10 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: 46748863

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
11/05/23	1140				

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment … Dedicated: Y or N

Purging Device: C

Sampling Device: C

X-Other:

A- Submersible Pump; B-Peristaltic Pump; C-QED Bladder Pump; D-Bailer; E-Piston Pump; F-Dipper/Bottle

Filter Device: Y or N; 0.45 µ or ____ µ (circle or fill in)

Filter Type: A-In-line Disposable; B-Pressure; C-Vacuum; X-Other

Sample Tube Type: D (A-Teflon; B-Stainless Steel; C-PVC; D-Polypropylene; X-Other:)

WELL DATA

Well Elevation (at TOC) (ft/msl)	Depth to Water (DTW) (from TOC) (ft)	Groundwater Elevation (site datum, from TOC) (ft/msl)
	59.44	

Total Well Depth (from TOC) (ft)	Stick Up (from ground elevation) (ft)	Casing ID (in)	Casing Material
		2	PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1145	200 1st	6.33 1st	1150	17.1	39	2.2	-122	60.05
1150	200 2nd	6.30 2nd	1205	16.9	3.6	0.8	-38.9	60.63
1155	200 3rd	6.30 3rd	1210	16.9	3.2	0.6	-45.9	60.65
1200	200 4th	6.30 4th	1209	16.9	3.4	0.4	-50.1	60.70
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
11/05/23	6.30	1209	16.9	3.4	0.4	-50.1	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: Clear Odor: None Color: Clear Other:

Weather Conditions (required daily, or as conditions change): Direction/Speed: Outlook: Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required):

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
11/5/23	C. Finch		Prairie

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

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FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: ELLF

Site No.:

Sample Point: LCW4 4R (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: L1674883

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
11 04 23	16:15				

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: Y (marked) or N

Filter Device: Y or N (marked) 0.45 µ or ___ µ (circle or fill in)

Purging Device: C

Sampling Device: C

A- Submersible Pump; B-Peristaltic Pump; C-QED Bladder Pump; D-Bailer; E-Piston Pump; F-Dipper/Bottle

X-Other:

Filter Type: A-In-line Disposable; B-Pressure; C-Vacuum; X-Other

Sample Tube Type: D — A-Teflon; B-Stainless Steel; C-PVC; D-Polypropylene; X-Other:

WELL DATA

Well Elevation (at TOC) (ft/msl):

Depth to Water (DTW) (from TOC): 56.70 (ft)

Groundwater Elevation (site datum, from TOC) (ft/msl):

Total Well Depth (from TOC) (ft):

Stick Up (from ground elevation) (ft):

Casing ID: 2 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
16:20	200	1st 6.82	1st 758	16.3	2.9	5.9	-18.7	58.05
16:25	200	2nd 6.77	2nd 762	16.0	2.7	4.9	6.4	59.35
16:30	200	3rd 6.76	3rd 756	16.0	2.8	4.5	23.6	59.5
16:35	200	4th 6.76	4th 754	16.0	2.8	4.5	26.9	59.5
16:40	200	6.76	750	16.0	2.8	4.4	31.1	59.5
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
11 04 23	6.76	750	16.0	2.8	4.4	31.1	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

Sample Appearance: Clear

Odor: None

Color: Clear

Other:

Weather Conditions (required daily, or as conditions change): Direction/Speed: ___ Outlook: ___ Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required):

FIELD COMMENTS

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
11/4/23	C. Fincher	[signature]	PCANY

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

ORIGINAL COPY

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: EVLF

Site No.: ____ Sample Point: MW-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: L1674803

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
11 05 23	11:05	:			

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment … Dedicated: [Y] or [N]

Purging Device: C — Sampling Device: C

A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

X-Other:

Filter Device: [Y] or [X] [0.45 µ] or [ ] µ (circle or fill in)

Filter Type: A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC)	Depth to Water (DTW) (from TOC)	Groundwater Elevation (site datum, from TOC)
(ft/msl)	87.41 (ft)	(ft/msl)

Total Well Depth (from TOC)	Stick Up (from ground elevation)	Casing ID	Casing Material
(ft)	(ft)	2 (in)	PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
11:10	200 1st	7.20 1st	788	17.3	27	7.3	721	87.65
11:15	200 2nd	6.96 2nd	773	16.9	29	8.4	785	87.84
11:20	200 3rd	6.71 3rd	776	17.1	35	4.8	891	87.85
11:25	200 4th	6.70 4th	778	17.2	31	4.3	906	87.85
11:30	200	6.69	780	17.0	29	4.1	914	87.85
:								
:								
:								
:								
:								
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or for*

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
11 05 23	6.69	780	17.0	29	4.1	914	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

FIELD COMMENTS

Sample Appearance: Clear — Odor: none — Color: Clear — Other:

Weather Conditions (required daily, or as conditions change): — Direction/Speed: — Outlook: — Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required):

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols ~~(if more than one sampler, all should sign)~~:

Date	Name	Signature	Company
11/5/23	C. Fowler		Praxis

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

ORIGINAL COPY

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: EVLF

Site No.: ____ Sample Point: MW-15 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: L1674883

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
11 04 23	1150	:			

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment … Dedicated: [Y] or [N]

Purging Device: C — A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other:

Filter Device: [Y] or [X] 0.45 µ or [ ] µ (circle or fill in)

Filter Type: [ ] — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: D — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): ____ (ft/msl)

Depth to Water (DTW) (from TOC): 58.85 (ft)

Groundwater Elevation (site datum, from TOC): ____ (ft/msl)

Total Well Depth (from TOC): ____ (ft)

Stick Up (from ground elevation): ____ (ft)

Casing ID: 2 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1155	200 1st	6.59 1st	778	16.2	30	7.2	979	58.95
1200	200 2nd	6.43 2nd	804	16.0	32	5.9	1030	58.95
1205	200 3rd	6.43 3rd	809	16.0	28	5.5	1053	58.95
1210	200 4th	6.43 4th	811	16.0	30	5.5	1071	58.95
1215	200	6.43	815	16.1	30	5.4	1090	58.95
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional *(i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form*

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
11 04 23	6.43	815	16.1	30	5.4	1090	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

Sample Appearance: Clear Odor: None Color: Clear Other:

Weather Conditions (required daily, or as conditions change): Direction/Speed: Outlook: Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required):

FIELD COMMENTS

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
11/4/23	C. Finches		Praxy

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

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FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: EVLF

Site No.: ____ Sample Point: MW-16 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: L1674883

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
11 04 23	11:15	:			

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment … Dedicated: [Y] or [N]

Purging Device: C — Sampling Device: C

A- Submersible Pump; B-Peristaltic Pump; C-QED Bladder Pump; D-Bailer; E-Piston Pump; F-Dipper/Bottle

X-Other:

Filter Device: [Y] or [N] [0.45 µ] or [ ] µ (circle or fill in)

Filter Type: [ ] A-In-line Disposable; B-Pressure; C-Vacuum; X-Other

Sample Tube Type: D — A-Teflon; B-Stainless Steel; C-PVC; D-Polypropylene; X-Other:

WELL DATA

Well Elevation (at TOC): ____ (ft/msl)

Depth to Water (DTW) (from TOC): 7.64 (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)
11:20	200 1st	7.30 1st	5.14	18.1	3.1	8.3	76.4	7.54
11:25	200 2nd	7.15 2nd	5.02	17.4	3.0	6.9	83.5	7.55
11:30	200 3rd	7.19 3rd	4.97	17.5	2.9	6.8	83.3	7.56
11:35	200 4th	7.21 4th	4.95	17.2	2.9	6.9	83.5	7.57
:								
:								
:								
:								
:								
:								
:								
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
11 04 23	7.21	4.95	17.2	2.9	6.9	83.5	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

Sample Appearance: Clear — Odor: None — Color: Clear — Other:

Weather Conditions (required daily, or as conditions change): Direction/Speed: — Outlook: — Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required):

FIELD COMMENTS

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
11/4/23	C. Fincher		Prong

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

ORIGINAL COPY

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: EVLF

Site No.: ____ Sample Point: MW-17 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: L1674883

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
11 05 23	1230	:			

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: A — Sampling Device: A

A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

X-Other:

Filter Device: Y or N — 0.45 µ or ____ µ (circle or fill in)

Filter Type: A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: D — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC) (ft/msl)	Depth to Water (DTW) (from TOC) (ft)	Groundwater Elevation (site datum, from TOC) (ft/msl)
	60.39	

Total Well Depth (from TOC) (ft)	Stick Up (from ground elevation) (ft)	Casing ID (in)	Casing Material
		2	PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
1235	390 1st	7.16 1st	562 1st	16.6	58.4	3.6	-43.9	60.45
1240	375 2nd	7.03 2nd	496 2nd	17.1	67.6	5.9	17.9	60.5
1245	375 3rd	6.92 3rd	485 3rd	17.3	105.1	5.9	38.6	60.5
1250	375 4th	6.72 4th	438 4th	17.3	67.1	6.7	54.9	60.5
1255	375	6.61	411	17.3	28.7	7.2	66.8	60.5
1300	375	6.59	406	17.2	20.3	7.3	70.1	60.5
1305	375	6.58	404	17.2	12.2	7.4	72.1	
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
11 05 23	6.58	404	17.2	12.2	7.4	72.1	

Final Field Readings are required *(i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.*

Sample Appearance: Clear — Odor: none — Color: Clear — Other:

Weather Conditions (required daily, or as conditions change): Direction/Speed: — Outlook: — Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required):

FIELD COMMENTS

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
11/5/23	C. Fincher		

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

ORIGINAL COPY

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: EVLF

Site No.:

Sample Point: MW-19 (Sample ID)

This Waste Management Field Information Form is Required
This form is to be completed, in addition to any State Forms. The Field Form is submitted along with the Chain of Custody Forms that accompany the sample containers (i.e. with the cooler that is returned to the laboratory).

Laboratory Use Only/Lab ID: L674883

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
11 04 23	10:45				

Note: For Passive Sampling, replace "Water Vol in Casing" and "Well Vols Purged" w/ Water Vol in Tubing/Flow Cell and Tubing/Flow Cell Vols Purged. Mark changes, record field data, below.

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment ... Dedicated: [X] Y or N

Filter Device: Y or [X] N — 0.45 µ or ___ µ (circle or fill in)

Purging Device: C
Sampling Device: C

A- Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

X-Other:

Filter Type: ___ — A-In-line Disposable, B-Pressure, C-Vacuum, X-Other

Sample Tube Type: D — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

Well Elevation (at TOC): ___ (ft/msl)

Depth to Water (DTW) (from TOC): 68.05 (ft)

Groundwater Elevation (site datum, from TOC): ___ (ft/msl)

Total Well Depth (from TOC): ___ (ft)

Stick Up (from ground elevation): ___ (ft)

Casing ID: 2 (in)

Casing Material: PVC

Note: Total Well Depth, Stick Up, Casing Id, etc. are optional and can be from historical data, unless required by Site/Permit. Well Elevation, DTW, and Groundwater Elevation must be current.

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
10:50	200	1st 6.71	1st 636	18.9	3.9	6.8	108.3	68.25
10:55	200	2nd 6.84	2nd 676	18.9	3.0	6.5	105.4	68.25
11:00	200	3rd 6.85	3rd 690	19.0	3.2	6.5	90.7	68.25
11:05	200	4th 6.86	4th 706	19.2	2.7	6.6	84.8	68.25
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

Stabilization Data Fields are Optional (i.e. complete stabilization readings for parameters required by WM, Site, or State). These fields can be used where four (4) field measurements are required by State/Permit/Site. If a Data Logger or other Electronic format is used, fill in final readings below and submit electronic data separately to Site. If more fields above are needed, use separate sheet or form

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
11 04 23	6.86	706	19.2	27	66	848	

Final Field Readings are required (i.e. record field measurements, final stabilized readings, passive sample readings before sampling for all field parameters required by State/Permit/Site.

FIELD COMMENTS

Sample Appearance: Clear — Odor: None — Color: Clear — Other:

Weather Conditions (required daily, or as conditions change): Sunny — Direction/Speed: S @ 15-20 mph — Outlook: Sunny 60s — Precipitation: Y or [X] N

Specific Comments (including purge/well volume calculations if required):

I certify that sampling procedures were in accordance with applicable EPA, State, and WM protocols (if more than one sampler, all should sign):

Date	Name	Signature	Company
11/4/23	C. Fowler	[signature]	[signature]
/ /			

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

ORIGINAL COPY

ANALYTICAL REPORT

December 20, 2023

Revised Report

Eco-Vista (Tontitown)LF

Sample Delivery Group:	L1674004
Samples Received:	11/04/2023
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 National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

TABLE OF CONTENTS

LCS-1 L1674004-01 GW

Collected by: Chris Fincher | Collected date/time: 11/01/23 12:30 | Received date/time: 11/04/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2165885	500	11/07/23 14:53	11/07/23 14:53	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2169342	10	11/12/23 17:54	11/12/23 17:54	ASM	Mt. Juliet, TN

LCS-2 L1674004-02 GW

Collected by: Chris Fincher | Collected date/time: 11/01/23 13:00 | Received date/time: 11/04/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2165885	500	11/07/23 14:12	11/07/23 14:12	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2169342	10	11/12/23 18:04	11/12/23 18:04	ASM	Mt. Juliet, TN

LCS-3 L1674004-03 GW

Collected by: Chris Fincher | Collected date/time: 11/01/23 13:30 | Received date/time: 11/04/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2165885	500	11/07/23 14:13	11/07/23 14:13	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2169342	10	11/12/23 18:14	11/12/23 18:14	ASM	Mt. Juliet, TN

LCS-4 L1674004-04 GW

Collected by: Chris Fincher | Collected date/time: 11/01/23 14:00 | Received date/time: 11/04/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2165885	500	11/07/23 14:15	11/07/23 14:15	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2169342	10	11/12/23 18:42	11/12/23 18:42	ASM	Mt. Juliet, TN

LCS-5 L1674004-05 GW

Collected by: Chris Fincher | Collected date/time: 11/01/23 14:30 | Received date/time: 11/04/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2165885	500	11/07/23 14:16	11/07/23 14:16	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2169342	20	11/12/23 18:52	11/12/23 18:52	ASM	Mt. Juliet, TN

LCS-6 L1674004-06 GW

Collected by: Chris Fincher | Collected date/time: 11/01/23 15:00 | Received date/time: 11/04/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2165885	500	11/07/23 14:18	11/07/23 14:18	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2169342	10	11/12/23 19:01	11/12/23 19:01	ASM	Mt. Juliet, TN

LCS-7 L1674004-07 GW

Collected by: Chris Fincher | Collected date/time: 11/01/23 15:30 | Received date/time: 11/04/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2165885	500	11/07/23 14:24	11/07/23 14:24	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2169342	10	11/12/23 19:11	11/12/23 19:11	ASM	Mt. Juliet, TN

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

LCS-8 L1674004-08 GW

Collected by: Chris Fincher | Collected date/time: 11/01/23 16:00 | Received date/time: 11/04/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2165885	200	11/07/23 14:25	11/07/23 14:25	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2169342	10	11/12/23 19:20	11/12/23 19:20	ASM	Mt. Juliet, TN

LCS-9 L1674004-09 GW

Collected by: Chris Fincher | Collected date/time: 11/01/23 16:30 | Received date/time: 11/04/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2165885	200	11/07/23 14:27	11/07/23 14:27	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2169342	10	11/12/23 19:30	11/12/23 19:30	ASM	Mt. Juliet, TN

LCS-10 L1674004-10 GW

Collected by: Chris Fincher | Collected date/time: 11/01/23 17:00 | Received date/time: 11/04/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2165885	200	11/07/23 14:28	11/07/23 14:28	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2169342	10	11/12/23 19:39	11/12/23 19:39	ASM	Mt. Juliet, TN

LCS-11 L1674004-11 GW

Collected by: Chris Fincher | Collected date/time: 11/01/23 17:30 | Received date/time: 11/04/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2165885	500	11/07/23 14:30	11/07/23 14:30	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2169342	20	11/12/23 19:49	11/12/23 19:49	ASM	Mt. Juliet, TN

LCS-12 L1674004-12 GW

Collected by: Chris Fincher | Collected date/time: 11/01/23 18:00 | Received date/time: 11/04/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2165885	200	11/07/23 14:31	11/07/23 14:31	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2169342	10	11/12/23 19:58	11/12/23 19:58	ASM	Mt. Juliet, TN

LDS-1 L1674004-13 GW

Collected by: Chris Fincher | Collected date/time: 11/01/23 12:45 | Received date/time: 11/04/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2165885	5	11/07/23 14:33	11/07/23 14:33	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2169342	5	11/12/23 20:08	11/12/23 20:08	ASM	Mt. Juliet, TN

LDS-2 L1674004-14 GW

Collected by: Chris Fincher | Collected date/time: 11/01/23 13:15 | Received date/time: 11/04/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2165886	5	11/07/23 15:12	11/07/23 15:12	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2169342	5	11/12/23 20:36	11/12/23 20:36	ASM	Mt. Juliet, TN

LDS-3 L1674004-15 GW

Collected by: Chris Fincher | Collected date/time: 11/01/23 13:45 | Received date/time: 11/04/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2165886	100	11/07/23 15:14	11/07/23 15:14	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2169342	10	11/12/23 20:46	11/12/23 20:46	ASM	Mt. Juliet, TN

LDS-4 L1674004-16 GW

Collected by: Chris Fincher | Collected date/time: 11/01/23 14:15 | Received date/time: 11/04/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2165886	200	11/07/23 15:15	11/07/23 15:15	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2169342	10	11/12/23 20:55	11/12/23 20:55	ASM	Mt. Juliet, TN

LDS-6 L1674004-17 GW

Collected by: Chris Fincher | Collected date/time: 11/01/23 15:15 | Received date/time: 11/04/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2165886	50	11/07/23 15:17	11/07/23 15:17	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2169342	10	11/12/23 21:05	11/12/23 21:05	ASM	Mt. Juliet, TN

LDS-7 L1674004-18 GW

Collected by: Chris Fincher | Collected date/time: 11/01/23 15:45 | Received date/time: 11/04/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2165886	200	11/07/23 15:18	11/07/23 15:18	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2169342	1	11/12/23 17:17	11/12/23 17:17	ASM	Mt. Juliet, TN

LDS-8 L1674004-19 GW

Collected by: Chris Fincher | Collected date/time: 11/01/23 16:15 | Received date/time: 11/04/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2165886	100	11/07/23 15:20	11/07/23 15:20	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2169342	10	11/12/23 21:14	11/12/23 21:14	ASM	Mt. Juliet, TN

LDS-9 L1674004-20 GW

Collected by: Chris Fincher | Collected date/time: 11/01/23 16:45 | Received date/time: 11/04/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2165886	20	11/07/23 15:21	11/07/23 15:21	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2169342	1	11/12/23 21:24	11/12/23 21:24	ASM	Mt. Juliet, TN

LDS-10 L1674004-21 GW

Collected by: Chris Fincher | Collected date/time: 11/01/23 17:15 | Received date/time: 11/04/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2165886	200	11/07/23 15:23	11/07/23 15:23	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2169351	10	11/12/23 16:02	11/12/23 16:02	ASM	Mt. Juliet, TN

LDS-11 L1674004-22 GW

Collected by: Chris Fincher
Collected date/time: 11/01/23 17:45
Received date/time: 11/04/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2165886	500	11/07/23 15:29	11/07/23 15:29	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2169351	20	11/12/23 16:16	11/12/23 16:16	ASM	Mt. Juliet, TN

LDS-12 L1674004-23 GW

Collected by: Chris Fincher
Collected date/time: 11/01/23 18:15
Received date/time: 11/04/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2165886	100	11/07/23 15:30	11/07/23 15:30	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2169351	20	11/12/23 16:30	11/12/23 16:30	ASM	Mt. Juliet, TN

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

Stacy Kennedy
Project Manager

Report Revision History

Level II Report - Version 1: 11/19/23 15:06

Project Comments

Report revised to include field forms and on-site data. SK 12/19/23

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

Sample Delivery Group (SDG) Narrative

The laboratory analysis was performed from an unpreserved, insufficiently or inadequately preserved sample.

Batch	Method	Lab Sample ID
WG2165885	350.1	L1674004-01, 02, 03, 04, 05, 07, 09, 10, 11, 12
WG2165886	350.1	L1674004-15, 16, 18, 19, 21, 22, 23

Wet Chemistry by Method 9056A

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

Batch	Lab Sample ID	Analytes
WG2169342	(MS) R3998972-4, (MSD) R3998972-5, L1674004-18	Chloride

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

Batch	Lab Sample ID	Analytes
WG2169342	(MS) R3998972-7, L1674004-20	Chloride

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

Analyte	Result	Units
pH (On Site)	7.64	su
Specific Conductance (on site)	14185	umhos/cm
Temperature (on-site)	18.4	Deg. C
Turbidity (on-site)	149.33	NTU
Dissolved Oxygen (on-site)	6.57	mg/l
eH/ORP (On Site)	-267	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	2120		15.8	500	11/07/2023 14:53	WG2165885

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	1850		3.00	10	11/12/2023 17:54	WG2169342

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

Analyte	Result	Units
pH (On Site)	7.34	su
Specific Conductance (on site)	14264	umhos/cm
Temperature (on-site)	14.9	Deg. C
Turbidity (on-site)	1301.61	NTU
Dissolved Oxygen (on-site)	3.06	mg/l
eH/ORP (On Site)	-203.6	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	1440		15.8	500	11/07/2023 14:12	WG2165885

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	1860		3.00	10	11/12/2023 18:04	WG2169342

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

Analyte	Result	Units
pH (On Site)	7.28	su
Specific Conductance (on site)	15348	umhos/cm
Temperature (on-site)	17.7	Deg. C
Turbidity (on-site)	12.72	NTU
Dissolved Oxygen (on-site)	3.71	mg/l
eH/ORP (On Site)	-196	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	1400		15.8	500	11/07/2023 14:13	WG2165885

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	1580		3.00	10	11/12/2023 18:14	WG2169342

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

Analyte	Result	Units
pH (On Site)	7.29	su
Specific Conductance (on site)	19053	umhos/cm
Temperature (on-site)	25.8	Deg. C
Turbidity (on-site)	61.56	NTU
Dissolved Oxygen (on-site)	2.1	mg/l
eH/ORP (On Site)	-215.8	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	1380		15.8	500	11/07/2023 14:15	WG2165885

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	1580		3.00	10	11/12/2023 18:42	WG2169342

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

Analyte	Result	Units
pH (On Site)	8.06	su
Specific Conductance (on site)	27429	umhos/cm
Temperature (on-site)	27.3	Deg. C
Turbidity (on-site)	114.72	NTU
Dissolved Oxygen (on-site)	1.92	mg/l
eH/ORP (On Site)	-295.3	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	2560		15.8	500	11/07/2023 14:16	WG2165885

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	2330		3.00	20	11/12/2023 18:52	WG2169342

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	712		15.8	500	11/07/2023 14:18	WG2165885

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	1040		3.00	10	11/12/2023 19:01	WG2169342

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

Analyte	Result	Units
pH (On Site)	7.3	su
Specific Conductance (on site)	20197	umhos/cm
Temperature (on-site)	26.7	Deg. C
Turbidity (on-site)	32.23	NTU
Dissolved Oxygen (on-site)	4.02	mg/l
eH/ORP (On Site)	-170.1	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	1220		15.8	500	11/07/2023 14:24	WG2165885

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	1850		3.00	10	11/12/2023 19:11	WG2169342

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

Analyte	Result	Units
pH (On Site)	7.3	su
Specific Conductance (on site)	13539	umhos/cm
Temperature (on-site)	23	Deg. C
Turbidity (on-site)	16.08	NTU
Dissolved Oxygen (on-site)	5.61	mg/l
eH/ORP (On Site)	-46.4	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	808		6.34	200	11/07/2023 14:25	WG2165885

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	1090		3.00	10	11/12/2023 19:20	WG2169342

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

Analyte	Result	Units
pH (On Site)	7.4	su
Specific Conductance (on site)	16683	umhos/cm
Temperature (on-site)	28.5	Deg. C
Turbidity (on-site)	26.23	NTU
Dissolved Oxygen (on-site)	4.63	mg/l
eH/ORP (On Site)	-39.9	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	1180		6.34	200	11/07/2023 14:27	WG2165885

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	1520		3.00	10	11/12/2023 19:30	WG2169342

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

Analyte	Result	Units
pH (On Site)	7.52	su
Specific Conductance (on site)	20733	umhos/cm
Temperature (on-site)	31.7	Deg. C
Turbidity (on-site)	41.47	NTU
Dissolved Oxygen (on-site)	2.51	mg/l
eH/ORP (On Site)	-248.7	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	1730		6.34	200	11/07/2023 14:28	WG2165885

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	1950		3.00	10	11/12/2023 19:39	WG2169342

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

Analyte	Result	Units
pH (On Site)	7.99	su
Specific Conductance (on site)	28518	umhos/cm
Temperature (on-site)	29	Deg. C
Turbidity (on-site)	391.33	NTU
Dissolved Oxygen (on-site)	5.6	mg/l
eH/ORP (On Site)	-120	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	2550		15.8	500	11/07/2023 14:30	WG2165885

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	2450		3.00	20	11/12/2023 19:49	WG2169342

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

Analyte	Result	Units
pH (On Site)	7.47	su
Specific Conductance (on site)	20795	umhos/cm
Temperature (on-site)	30.3	Deg. C
Turbidity (on-site)	880.71	NTU
Dissolved Oxygen (on-site)	4.89	mg/l
eH/ORP (On Site)	-206.1	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	1490		6.34	200	11/07/2023 14:31	WG2165885

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	1760		3.00	10	11/12/2023 19:58	WG2169342

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

Analyte	Result	Units
pH (On Site)	6.69	su
Specific Conductance (on site)	5750	umhos/cm
Temperature (on-site)	18.8	Deg. C
Turbidity (on-site)	2.96	NTU
Dissolved Oxygen (on-site)	3.62	mg/l
eH/ORP (On Site)	-157.8	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	19.9		0.158	5	11/07/2023 14:33	WG2165885

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	425		3.00	5	11/12/2023 20:08	WG2169342

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

Analyte	Result	Units
pH (On Site)	6.69	su
Specific Conductance (on site)	4172	umhos/cm
Temperature (on-site)	14	Deg. C
Turbidity (on-site)	6.63	NTU
Dissolved Oxygen (on-site)	461	mg/l
eH/ORP (On Site)	-153.9	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	9.13		0.158	5	11/07/2023 15:12	WG2165886

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	357		3.00	5	11/12/2023 20:36	WG2169342

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

Analyte	Result	Units
pH (On Site)	7.5	su
Specific Conductance (on site)	18488	umhos/cm
Temperature (on-site)	18.3	Deg. C
Turbidity (on-site)	27.85	NTU
Dissolved Oxygen (on-site)	4.17	mg/l
eH/ORP (On Site)	-129.9	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	188		3.17	100	11/07/2023 15:14	WG2165886

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	1790		3.00	10	11/12/2023 20:46	WG2169342

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

Analyte	Result	Units
pH (On Site)	7.27	su
Specific Conductance (on site)	16873	umhos/cm
Temperature (on-site)	23	Deg. C
Turbidity (on-site)	15.24	NTU
Dissolved Oxygen (on-site)	1.69	mg/l
eH/ORP (On Site)	-227.7	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	957		6.34	200	11/07/2023 15:15	WG2165886

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	1030		3.00	10	11/12/2023 20:55	WG2169342

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

Analyte	Result	Units
pH (On Site)	7.58	su
Specific Conductance (on site)	14237	umhos/cm
Temperature (on-site)	21	Deg. C
Turbidity (on-site)	1.72	NTU
Dissolved Oxygen (on-site)	3.27	mg/l
eH/ORP (On Site)	-112.9	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	187		1.58	50	11/07/2023 15:17	WG2165886

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	1360		3.00	10	11/12/2023 21:05	WG2169342

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

Analyte	Result	Units
pH (On Site)	7.3	su
Specific Conductance (on site)	20197	umhos/cm
Temperature (on-site)	26.7	Deg. C
Turbidity (on-site)	52.23	NTU
Dissolved Oxygen (on-site)	4.02	mg/l
eH/ORP (On Site)	-170.1	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	130		6.34	200	11/07/2023 15:18	WG2165886

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	198	V	3.00	1	11/12/2023 17:17	WG2169342

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

Analyte	Result	Units
pH (On Site)	7.22	su
Specific Conductance (on site)	14291	umhos/cm
Temperature (on-site)	25.7	Deg. C
Turbidity (on-site)	509.61	NTU
Dissolved Oxygen (on-site)	3.8	mg/l
eH/ORP (On Site)	-92	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	805		3.17	100	11/07/2023 15:20	WG2165886

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	1080		3.00	10	11/12/2023 21:14	WG2169342

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)	1864	umhos/cm
Temperature (on-site)	24.8	Deg. C
Turbidity (on-site)	22.14	NTU
Dissolved Oxygen (on-site)	3.85	mg/l
eH/ORP (On Site)	-88.1	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	9.28		0.634	20	11/07/2023 15:21	WG2165886

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	73.1	J6	3.00	1	11/12/2023 21:24	WG2169342

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

Analyte	Result	Units
pH (On Site)	7	su
Specific Conductance (on site)	11860	umhos/cm
Temperature (on-site)	17.4	Deg. C
Turbidity (on-site)	22.45	NTU
Dissolved Oxygen (on-site)	4.03	mg/l
eH/ORP (On Site)	-192.2	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	489		6.34	200	11/07/2023 15:23	WG2165886

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	897		3.00	10	11/12/2023 16:02	WG2169351

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

Analyte	Result	Units
pH (On Site)	7.44	su
Specific Conductance (on site)	29498	umhos/cm
Temperature (on-site)	26.3	Deg. C
Turbidity (on-site)	189.03	NTU
Dissolved Oxygen (on-site)	1.97	mg/l
eH/ORP (On Site)	-254.8	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	1660		15.8	500	11/07/2023 15:29	WG2165886

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	2510		3.00	20	11/12/2023 16:16	WG2169351

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

Analyte	Result	Units
pH (On Site)	7.12	su
Specific Conductance (on site)	15837	umhos/cm
Temperature (on-site)	26.5	Deg. C
Turbidity (on-site)	30.89	NTU
Dissolved Oxygen (on-site)	2.14	mg/l
eH/ORP (On Site)	-188.5	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	555		3.17	100	11/07/2023 15:30	WG2165886

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	1070		3.00	20	11/12/2023 16:30	WG2169351

QUALITY CONTROL SUMMARY

L1674004-01,02,03,04,05,06,07,08,09,10,11,12,13

Method Blank (MB)

(MB) R3996650-1 11/07/23 13:45

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

L1673888-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1673888-03 11/07/23 13:51 • (DUP) R3996650-4 11/07/23 13:52

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

L1673956-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1673956-02 11/07/23 14:48 • (DUP) R3996650-10 11/07/23 14:50

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Ammonia Nitrogen	23.8	24.1	5	1.18		10

Laboratory Control Sample (LCS)

(LCS) R3996650-2 11/07/23 13:46

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Ammonia Nitrogen	7.50	7.54	101	90.0-110	

L1673888-02 Original Sample (OS) • Matrix Spike (MS)

(OS) L1673888-02 11/07/23 13:48 • (MS) R3996650-3 11/07/23 13:49

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Ammonia Nitrogen	5.00	ND	4.71	94.2	1	90.0-110	

L1673956-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1673956-01 11/07/23 14:44 • (MS) R3996650-8 11/07/23 14:45 • (MSD) R3996650-9 11/07/23 14:47

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Ammonia Nitrogen	5.00	7.40	12.6	12.6	105	103	5	90.0-110			0.492	10

Method Blank (MB)

(MB) R3996676-1 11/07/23 15:09

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

L1674016-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1674016-03 11/07/23 15:38 • (DUP) R3996676-5 11/07/23 15:39

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

L1674038-09 Original Sample (OS) • Duplicate (DUP)

(OS) L1674038-09 11/07/23 15:53 • (DUP) R3996676-7 11/07/23 15:54

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

Laboratory Control Sample (LCS)

(LCS) R3996676-2 11/07/23 15:11

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Ammonia Nitrogen	7.50	7.66	102	90.0-110	

L1674016-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1674016-02 11/07/23 15:33 • (MS) R3996676-3 11/07/23 15:35 • (MSD) R3996676-4 11/07/23 15:36

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Ammonia Nitrogen	5.00	ND	4.96	4.91	99.3	98.3	1	90.0-110			0.992	10

L1674038-08 Original Sample (OS) • Matrix Spike (MS)

(OS) L1674038-08 11/07/23 15:50 • (MS) R3996676-6 11/07/23 15:51

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Ammonia Nitrogen	5.00	1.61	6.76	103	1	90.0-110	

QUALITY CONTROL SUMMARY

L1674004-01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16,17,18,19,20

Method Blank (MB)

(MB) R3998972-1 11/12/23 12:59

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	0.104		0.0519	1.00

L1674004-18 Original Sample (OS) • Duplicate (DUP)

(OS) L1674004-18 11/12/23 17:17 • (DUP) R3998972-3 11/12/23 17:26

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	198	197	1	0.109		15

L1674004-20 Original Sample (OS) • Duplicate (DUP)

(OS) L1674004-20 11/12/23 21:24 • (DUP) R3998972-6 11/12/23 21:33

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	73.1	73.0	1	0.102		15

Laboratory Control Sample (LCS)

(LCS) R3998972-2 11/12/23 13:08

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	39.8	99.6	80.0-120	

L1674004-18 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1674004-18 11/12/23 17:17 • (MS) R3998972-4 11/12/23 17:35 • (MSD) R3998972-5 11/12/23 17:45

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	40.0	198	197	197	0.000	0.000	1	80.0-120	V	V	0.0457	15

L1674004-20 Original Sample (OS) • Matrix Spike (MS)

(OS) L1674004-20 11/12/23 21:24 • (MS) R3998972-7 11/12/23 21:43

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40.0	73.1	98.6	63.8	1	80.0-120	J6

Method Blank (MB)

(MB) R3998916-1 11/12/23 13:15

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	0.410	J	0.0519	1.00

L1674038-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1674038-01 11/12/23 16:43 • (DUP) R3998916-3 11/12/23 16:57

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	22.4	22.0	1	2.04		15

L1675153-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1675153-03 11/12/23 21:31 • (DUP) R3998916-6 11/12/23 21:45

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	5.15	5.05	1	1.99		15

Laboratory Control Sample (LCS)

(LCS) R3998916-2 11/12/23 13:28

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	40.4	101	80.0-120	

L1674038-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1674038-01 11/12/23 16:43 • (MS) R3998916-4 11/12/23 17:11 • (MSD) R3998916-5 11/12/23 17:52

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	40.0	22.4	59.9	59.7	93.7	93.2	1	80.0-120			0.360	15

L1675153-03 Original Sample (OS) • Matrix Spike (MS)

(OS) L1675153-03 11/12/23 21:31 • (MS) R3998916-7 11/12/23 21:59

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40.0	5.15	45.3	100	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
J	The identification of the analyte is acceptable; the reported value is an estimate.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
V	The sample concentration is too high to evaluate accurate spike recoveries.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address:	Billing Information:	Pres Chk
Eco-Vista (Tontitown)LF **88 Joyce Lane** **Russellville, AR 72801**	jreyno10@wm.com **P.O. Box 4745** **WM A/P DEPARTMENT** **Portland, OR 97208-4745**	
Report to: **Jodi Reynolds**	Email To: **ciara.childers.beavers@jettenviro.com;jeffholm**	

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

Phone: **501-993-8966**	Client Project # **300**	Lab Project # **WMECOVISAR-00005**
Collected by (print): Chris Fircher	Site/Facility ID # **AR03**	P.O. #
Collected by (signature): [signature] Immediately Packed on Ice N ___ Y X	***Rush?*** (Lab MUST Be Notified) ___ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day	**Quote #** Date Results Needed

Analysis / Container / Preservative

Chain of Custody Page 1 of 3

Pace PEOPLE ADVANCING SCIENCE

MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122
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SDG # L1674004

D149

Acctnum: **WMECOVISAR**
Template: **T161046**
Prelogin: **P1032625**
PM: **616 - Stacy Kennedy**
PB: 10/26/23
Shipped Via: **FedEX Ground**

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	CHLORIDE 125mlHDPE-NoPres	NH3 250mlHDPE-H2SO4	Remarks	Sample # (lab only)
LCS-1	Grab	GW	N/A	11.1.23	1230	2	X	X		-01
LCS-2	↓	GW	↓	↓	1300	2	X	X		-02
LCS-3		GW			1330	2	X	X		-03
LCS-4		GW			1400	2	X	X		-04
LCS-5		GW			1430	2	X	X		-05
LCS-6		GW			1500	2	X	X		-06
LCS-7		GW			1530	2	X	X		-07
LCS-8		GW			1600	2	X	X		-08
LCS-9		GW			1630	2	X	X		-09
LCS-10	↓	GW	↓	↓	1700	2	X	X		-10

* 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 # 7123 3304 8394

Sample Receipt Checklist
COC Seal Present/Intact: __NP X Y __N
COC Signed/Accurate: X Y __N
Bottles arrive intact: X Y __N
Correct bottles used: X Y __N
Sufficient volume sent: X Y __N
If Applicable
VOA Zero Headspace: X Y __N
Preservation Correct/Checked: X Y __N
RAD Screen <0.5 mR/hr: X Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	
[signature]	11.2.23	1100			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 0.8 °C Bottles Received: 46 CC#10810-08	If preservation required by Login: Date/Time PH-10BDH4321 TRC-2362362 CR6-20221V PH-10BDH4321 TRC-2362362 CR6-20221V
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) [signature]	Date: 11/04/23 Time: 0900	Hold: Condition: NCF / OK

Company Name/Address:
Eco-Vista (Tontitown)LF

88 Joyce Lane
Russellville, AR 72801

Billing Information:
jreyno10@wm.com
P.O. Box 4745
WM A/P DEPARTMENT
Portland, OR 97208-4745

Pres Chk

Report to:
Jodi Reynolds

Email To:
ciara.childers.beavers@jettenviro.com;jeffholm

Project Description:
Eco-Vista-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):
Clyde Fiveland

Site/Facility ID #
AR03

P.O. #

Collected by (signature):
Immediately Packed on Ice N ___ Y ___

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	CHLORIDE 125mlHDPE-NoPres	NH3 250mlHDPE-H2SO4									Remarks	Sample # (lab only)
LCS-11	Grab	GW	N/A	11.1.23	1730	2	X	X										-11
LCS-12		GW			1800	2	X	X										-12
LDS-1		GW			1245	2	X	X										-13
LDS-2		GW			1315	2	X	X										-14
LDS-3		GW			1345	2	X	X										-15
LDS-4		GW			1415	2	X	X										-16
~~LDS-5~~		GW				2	X	X										~~-17~~
LDS-6		GW			1515	2	X	X										-17
LDS-7		GW			1545	2	X	X										-18
LDS-8		GW			1615	2	X	X										-19

* 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 # 7123 3304 8394

Relinquished by : (Signature)
Date: 11.2.23 Time: 1100
Received by: (Signature)

Relinquished by : (Signature)
Date: Time:
Received by: (Signature)

Relinquished by : (Signature)
Date: Time:
Received for lab by: (Signature)

Trip Blank Received: Yes / No
HCL / MeoH
TBR

Temp: 0.8 °C Bottles Received:
cor 0.8+0.8=0.8

Date: 11/04/23 Time: 0900

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

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Chain of Custody Page 2 of 3

Pace
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SDG #

Table #

Acctnum: **WMECOVISAR**
Template: **T161046**
Prelogin: **P1032625**
PM: **616 - Stacy Kennedy**
PB: **10/26/23**
Shipped Via: **FedEX Ground**

Company Name/Address:
Eco-Vista (Tontitown)LF

88 Joyce Lane
Russellville, AR 72801

Billing Information:
jreyno10@wm.com
P.O. Box 4745
WM A/P DEPARTMENT
Portland, OR 97208-4745

Pres Chk

Report to: **Jodi Reynolds**

Email To: **ciara.childers.beavers@jettenviro.com;jeffholm**

Project Description: **Eco-Vista-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): Christy Fitzgerald

Site/Facility ID # **AR03**

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	CHLORIDE 125mlHDPE-NoPres	NH3 250mlHDPE-H2SO4								Remarks	Sample # (lab only)
LDS-9	Grab	GW	N/A	11.1.23	1645	2	X	X									-20
LDS-10	↓	GW	↓	↓	1715	2	X	X									-21
LDS-11		GW			1745	2	X	X									-22
LDS-12		GW			1815	2	X	X									-23
~~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									

Chain of Custody Page 3 of 3

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SDG #

Table #

Acctnum: **WMECOVISAR**

Template: **T161046**

Prelogin: **P1032625**

PM: **616 - Stacy Kennedy**

PB: 10/26/23

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 ____

Samples returned via: __ UPS __ FedEx __ Courier ____

Tracking # 7123 3304 8394

Sample Receipt Checklist

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

Relinquished by : (Signature)	Date: 11.2.23	Time: 1100	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 0.8 °C Bottles Received: 0.8+0=0.8	If preservation required by Login: Date/Time
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 11/04/23 Time: 0900	Hold: / Condition: NCF / OK

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.: _____

Site Name: EVLF

Sample I.D. LCS-1

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D — D - Direct, I - Indirect, V - Visual

Sampling Equipment: S — D - Dipper, T - Transfer Vessel, S - Sample Bottle, O - Other _____

Sample Type: _____ Grab / Composite (circle one)

Field Measurements

Sample Date MM/DD/YYYY	Sample Time 24 Hr. Clock	pH (std. Units)	CONDUCTIVITY (umhos/cm @ 25°C)	Temp °C	TURBIDITY (NTUs)	DO mg/L - ppm	eH/ORP (std. Units)
11/1/2023	1230	7.64	14185	18.4	149.33	6.57	-267.4

Record final stabilized field readings.

Field Observations

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

Sheen Present [Y] or [N] Foam Present: [Y] or [N] Floating Solids: [Y] or [N]

Weather Conditions: (required daily, or as conditions change): Sunny, 40s

Direction/Speed: S @ 10-15 mph Precipitation: [Y] or [N]

Specific Comments: _____

Date	Name	Signature	Company
11/1/23	Chris Fincher		PDMS
/ /			

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.: _____

Site Name: EVLF

Sample I.D. EC S-2

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D — D - Direct, I - Indirect, V - Visual

Sampling Equipment: S — D - Dipper, T - Transfer Vessel, S - Sample Bottle, O - Other _____

Sample Type: _____ 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)
11/1/23	1300	7.34	14264	14.9	1301.61	3.06	-203.6

Record final stabilized field readings.

Field Observations

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

Sheen Present [Y] or [N] Foam Present: [Y] or [N] Floating Solids: [Y] or [N]

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

Direction/Speed: _____ Precipitation: [Y] or [N]

Specific Comments: _____

Date	Name	Signature	Company
11/1/23	C Taylor	[signature]	[signature]
/ /			

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Site **Name**: EVLF

Sample **I.D.**: LCS-3

Laboratory Use Only / Lab I.D.:

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)
11/01/2023	1330	7.28	15 348	17.7	12.72	3.71	-19.0

Record final stabilized field readings.

Field Observations

Sample Appearance: Odor: Yes Color: Brown Other:

Sheen Present [Y] or [N] Foam Present: [Y] or [N] Floating Solids: [Y] or [N]

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

Direction/Speed: Precipitation: [Y] or [N]

Specific Comments:

Date	Name	Signature	Company
11/1/23	F. Archer		Progress
/ /			

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.: _____

Site Name: EVLF

Sample I.D.: LCS-4

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D (D - Direct, I - Indirect, V - Visual)

Sampling Equipment: S (D - Dipper, T - Transfer Vessel, S - Sample Bottle, O - Other _____)

Sample Type: G (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)
11/1/23	1:20	7.29	11053	25.8	61.56	2.10	-215.8

Record final stabilized field readings.

Field Observations

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

Sheen Present [Y] or [N] Foam Present: [Y] or [N] Floating Solids: [Y] or [N]

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

Direction/Speed: _____ Precipitation: [Y] or [N]

Specific Comments: _____

Date	Name	Signature	Company
11/1/23	C. Fincher		
/ /			

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.:

Site Name: EVLF

Sample I.D. LCS-5

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D — D - Direct, I - Indirect, V - Visual

Sampling Equipment: S — D - Dipper, T - Transfer Vessel, S - Sample Bottle, O - Other

Sample Type: Grab / Composite (circle one)

Field Measurements

Sample Date MM/DD/YYYY	Sample Time 24 Hr. Clock	pH (std. Units)	CONDUCTIVITY (umhos/cm @ 25"C)	Temp 'C	TURBIDITY (NTUs)	DO mg/L - ppm	eH/ORP (std. Units)
11/01/2023	1430	8.06	27429	27.3	114.72	1.92	-275.3

Record final stabilized field readings.

Field Observations

Sample Appearance: Odor: Yes Color: Brown Other:

Sheen Present Y or N (N marked) Foam Present: Y or N (Y marked) Floating Solids: Y or N (Y marked)

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

Direction/Speed: Precipitation: Y or N

Specific Comments:

NO LDS-5 Sample Available: Empty Pipe

Date	Name	Signature	Company
11/1/23	C. [illegible]	[signature]	Prov[illegible]
/ /			

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.: _____

Site Name: EVLF

Sample I.D. LCS-6

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: [D] D - Direct, I - Indirect, V - Visual

Sampling Equipment: [S] D - Dipper, T - Transfer Vessel, S - Sample Bottle, O - Other [ ]

Sample Type: [ ] Grab / Composite (circle one)

Field Measurements

Sample Date MM/DD/YYYY	Sample Time 24 Hr. Clock	pH (std. Units)	CONDUCTIVITY (umhos/cm @ 25°C)	Temp °C	TURBIDITY (NTUs)	DO mg/L - ppm	eH/ORP (std. Units)
11/01/2023	1500						

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: Only enough Sample Volume to Collect Analytes containers. No turbidity data available = Empty pipe - Sample Collected

Date	Name	Signature	Company
11/1/23	C. Fincher		Pace
/ /			

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.: _____

Site Name: EVLF

Sample I.D. LCS-7

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: [D] D - Direct, I - Indirect, V - Visual

Sampling Equipment: [S] D - Dipper, T - Transfer Vessel, S - Sample Bottle, O - Other [ ]

Sample Type: [ ] Grab / Composite (circle one)

Field Measurements

Sample Date MM/DD/YYYY	Sample Time 24 Hr. Clock	pH (std. Units)	CONDUCTIVITY (umhos/cm @ 25°C)	Temp °C	TURBIDITY (NTUs)	DO mg/L - ppm	eH/ORP (std. Units)
11/1/23	1530	7.30 ~~7.15~~	20197 ~~6070~~	26.7 ~~18.4~~	32.23 ~~12.16~~	4.02 ~~4.17~~	-170.1 ~~-12.8~~

Record final stabilized field readings.

Field Observations

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

Sheen Present [Y] or [~~N~~] Foam Present: [~~Y~~] or [N] Floating Solids: [Y] or [~~N~~]

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

Direction/Speed: _____ Precipitation: [Y] or [N]

Specific Comments: _____

Date	Name	Signature	Company
11/1/23	C. Fincher		Prong
/ /			

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.: _____

Site Name: EVLF

Sample I.D.: LCS-P

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)
11/21/2023	1600	7.30	13539	23.0	16.08	5.61	-45.4

Record final stabilized field readings.

Field Observations

Sample Appearance: Odor: N/S Color: Brown Other: _____

Sheen Present [Y] or [N] Foam Present: [Y] or [N] Floating Solids: [Y] or [N]

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

Direction/Speed: _____ Precipitation: [Y] or [N]

Specific Comments: _____

Date	Name	Signature	Company
11/21/23	C. Fowler		
/ /			

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.: _____

Site Name: ELF

Sample I.D. LCS-9

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: [ ] 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)
11/01/2023	1630	7.40	16683	28.5	26.23	1.63	-31.9

Record final stabilized field readings.

Field Observations

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

Sheen Present [Y] or [N] Foam Present: [Y] or [N] Floating Solids: [Y] or [N]

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

Direction/Speed: _____ Precipitation: [Y] or [N]

Specific Comments: _____

Date	Name	Signature	Company
11/1/23	C. Fincher		Prosys
/ /			

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.: _____

Site Name: EVLF

Sample I.D. LCS-9 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)
11/01/2023	1700	7.52	26733	31.7	4.47	2.51	-8.7

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: _____

Date	Name	Signature	Company
11/1/23	C. Finch		
/ /			

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Site Name: EVLF

Sample I.D. LCS-11

Laboratory Use Only / Lab I.D.:

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D (D - Direct, I - Indirect, V - Visual)

Sampling Equipment: (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)
11/01/2023	1730	7.99	28518	29.0	391.33	5.60	-123.7

Record final stabilized field readings.

Field Observations

Sample Appearance: Odor: Yes Color: Brown/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:

Date	Name	Signature	Company
11/1/23	C Fowler		
/ /			

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.: _____

Site Name: EVLF

Sample I.D. LCS-12

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: [D] D - Direct, I - Indirect, V - Visual

Sampling Equipment: [S] D - Dipper, 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)
11/01/2023	1800	7.47	20795	30.3	880.71	4.89	-206.1

Record final stabilized field readings.

Field Observations

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

Date	Name	Signature	Company
11/1/23	C. Finder	[signature]	Progressive
/ /			

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.: ____________

Site Name: E ELV LF

Sample I.D. L GDS-1

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D — D - Direct / I - Indirect / V - Visual

Sampling Equipment: S — D - Dipper / T - Transfer Vessel / S - Sample Bottle / O - Other ____________

Sample Type: ☐ Grab / Composite (circle one) [Grab circled]

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)
11/01/2023	1205	6.69	5750	18.8	2.9633	3.82	-157.8

Record final stabilized field readings.

Field Observations

Sample Appearance: Odor: Yes Color: Yellow Other: ____________

Sheen Present Y or N [N marked] Foam Present: Y or N [N marked] Floating Solids: Y or N [N marked]

Weather Conditions: (required daily, or as conditions change): [illegible], 40s

Direction/Speed: [illegible] Precipitation: Y or N [N marked]

Specific Comments: ____________

Date	Name	Signature	Company
11 / 1 / 23	C. Fincher [illegible]	[signature]	[illegible]
/ /			

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.:

Site Name: EPLLF

Sample I.D. LEDS-2

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D — D - Direct, I - Indirect, V - Visual

Sampling Equipment: S — D - Dipper, T - Transfer Vessel, S - Sample Bottle, O - Other

Sample Type: 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)
11/01/2023	1325	6.69	14172	14.0	6.63	4.61	-153.9

Record final stabilized field readings.

Field Observations

Sample Appearance: Odor: Yes Color: Yellow Other:

Sheen Present Y or N (N) Foam Present: Y or N (Y) Floating Solids: Y or N (N)

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

Direction/Speed: Precipitation: Y or N

Specific Comments:

Date	Name	Signature	Company
11/1/23	C Fuller	[signature]	Parsons
/ /			

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Site Name: EVHF

Sample I.D.: EDS-3

Laboratory Use Only / Lab I.D.:

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)
11/3/23	1345	7.50	18488	18.3	27.85	4.67	-12.9

Record final stabilized field readings.

Field Observations

Sample Appearance: Odor: Yes Color: Brown Other:

Sheen Present [Y] or [N] Foam Present: [Y] or [N] Floating Solids: [Y] or [N]

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

Direction/Speed: Precipitation: [Y] or [N]

Specific Comments:

Date	Name	Signature	Company
11/3/23	C Fields		T Brown

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.: _____

Site Name: ELF

Sample I.D. LDS-11

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: [I] 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)
11/21/2023	14:15	7.27	16873	23.0	15.24	1.69	-227.7

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: _____

Date	Name	Signature	Company
11/21/23	C. Fincher		
/ /			

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.: ______

Site Name: EVLF

Sample I.D. LDS-6

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D — D - Direct, I - Indirect, V - Visual

Sampling Equipment: S — D - Dipper, T - Transfer Vessel, S - Sample Bottle, O - Other

Sample Type: Grab (circled) / 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)
11/01/2023	1515	7.58	14237	21.0	1.72	3.27	-112.9

Record final stabilized field readings.

Field Observations

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

Sheen Present: Y or N (N marked) Foam Present: Y or N (Y marked) Floating Solids: Y or N (N marked)

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

Direction/Speed: ______ Precipitation: Y or N

Specific Comments: Only enough sample volume to collect [illegible] conditions. No [illegible] = [illegible] - [illegible] collected

Date	Name	Signature	Company
11/1/23	[illegible]	[signature]	Brown
/ /			

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.: ______

Site Name: EVLF

Sample I.D. LDS-77

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)
		7.30	20177	25.7	52.23	1.02	-170.1
11/01/2023	1545	7.15	60700	16.41	10.16	4.94	-101.8

Record final stabilized field readings.

Field Observations

Sample Appearance: Odor: Yes Color: Yellowish Other: ______

Sheen Present [Y] or [N] Foam Present: [Y] or [N] Floating Solids: [Y] or [N]

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

Direction/Speed: ______ Precipitation: [Y] or [N]

Specific Comments: ______

Date	Name	Signature	Company
11 / 1 / 23	A Fowler	[signature]	[illegible]
/ /			

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.: _____

Site Name: EVLF

Sample I.D. LDS-8

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D — D - Direct, I - Indirect, V - Visual

Sampling Equipment: S — D - Dipper, T - Transfer Vessel, S - Sample Bottle, O - Other _____

Sample Type: _____ 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)
11/01/2023	1615	7.22	34291	25.7	509.61	53.80	-72.0

Record final stabilized field readings.

Field Observations

Sample Appearance: Odor: N/A Color: Brown Other: _____

Sheen Present [Y] or [N] Foam Present: [Y] or [N] Floating Solids: [Y] or [N]

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

Direction/Speed: _____ Precipitation: [Y] or [N]

Specific Comments: _____

Date	Name	Signature	Company
11/1/23	C. Fincher		
/ /			

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.:

Site Name: EVLF

Sample I.D. LDS-1

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D — D - Direct, I - Indirect, V - Visual

Sampling Equipment: S — D - Dipper, T - Transfer Vessel, S - Sample Bottle, O - Other

Sample Type: Grab / Composite (circle one)

Field Measurements

Sample Date MM/DD/YYYY	Sample Time 24 Hr. Clock	pH (std. Units)	CONDUCTIVITY (umhos/cm @ 25°C)	Temp °C	TURBIDITY (NTUs)	DO mg/L - ppm	eH/ORP (std. Units)
11/20/23	1645	6.78	1864	24.8	22.14	3.85	-78.1

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:

Date	Name	Signature	Company
11/1/23	C. Fischer		Pioneer

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.: _____

Site Name: EVLF

Sample I.D. LEDS-9-10

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)
11/01/2023	1715	7.00	11860	17.47	22.415	4.03	-172.2

Record final stabilized field readings.

Field Observations

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

Sheen Present [Y] or [N] Foam Present: [Y] or [N] Floating Solids: [Y] or [N]

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

Direction/Speed: _____ Precipitation: [Y] or [N]

Specific Comments: _____

Date	Name	Signature	Company
11/1/23	C. Fincher		Prairie
/ /			

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.: ____________

Site Name: EVLF

Sample I.D. 4-DS-11

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D — D - Direct, I - Indirect, V - Visual

Sampling Equipment: S — D - Dipper, T - Transfer Vessel, S - Sample Bottle, O - Other ____________

Sample Type: ☐ Grab (circled) / 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)
11/01/2023	1245	7.44	27498	26.3	189.033	1.97	-254.8

Record final stabilized field readings.

Field Observations

Sample Appearance: Odor: Yes Color: Brown/black Other: ____________

Sheen Present Y or N (N marked) Foam Present: Y (marked) or N Floating Solids: Y (marked) or N

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

Direction/Speed: ____________ Precipitation: Y or N

Specific Comments:

Leak @ sample port valve.

Date	Name	Signature	Company
11/1/23	C. Findlay	[signature]	Promy
/ /			

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.: _____

Site Name: EVLF

Sample I.D. LLDS-123

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)
11/21/2023	1805	7.12	15837	26.5	30.89	2.14	-188.5

Record final stabilized field readings.

Field Observations

Sample Appearance: Odor: Yes Color: orange/brown Other: _____

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

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

Direction/Speed: _____ Precipitation: Y or N

Specific Comments: _____

Date	Name	Signature	Company
11/1/23	A. Finch		proxy
/ /			