Haley Griffith (adpce.ad)

From: Travis Doll <travis.doll@jettenviro.com>
Sent: Tuesday, March 26, 2024 4:03 PM
To: gwreports
Cc: Reynolds, Jodi; Steve Jett P.G.; Ciara Childers Beavers
Subject: February 2024 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 February 2024 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/1GskTEGyYjeUdRI_RJXa5NAENkBrrTKuA/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
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March 26, 2024 ***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: February 2024 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 February 2024 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 February 2024 sampling event was completed on February 1-2, 2024. Copies of the laboratory analytical report and field sampling forms are included in **Attachment G**.

A list of the required groundwater monitoring wells, LDS locations, and LCS locations are provided in **Attachment A**. A summary of the February 2024 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 February 2024 chloride concentration was compared to 10 times the baseline value (see **Attachment A**). No February 2024 chloride concentrations exceeded the 10 times baseline values.

For monitoring wells with statistically significant increasing ammonia trends, the February 2024 ammonia concentration was compared to 1 mg/L. As shown in **Attachment A**, no detections were above 1 mg/L during the February 2024 event.

For monitoring wells with statistically significant increasing trends, the February 2024 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 February 2024 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 February 2024 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 February 2024 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 February 2024 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 February 2024 monitoring period. In addition, there were no flow rate exceedances to report for February 2024, 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 February 2024 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	2/1/2024	78	11.9	<0.1	619	6.80	1302.14	75.44	1226.70
LGW-3R	2/1/2024	124	4.75	<0.1	127	5.79	1289.20	56.48	1232.72
LGW-4	2/1/2024	149	22.7	0.118	755	6.66	1267.79	60.41	1207.38
LGW-5	2/1/2024	124	22.0	0.298 P1	708	6.57	1271.91	72.00	1199.91
LGW-6	2/1/2024	133	18.4	0.345	694	6.39	1244.79	51.35	1193.44
LGW-7	2/1/2024	113	16.0	0.366 J5	572	6.82	1220.60	43.05	1177.55
LGW-8R	2/1/2024	122	20.1	0.265 P1	722	6.65	1186.24	10.40	1175.84
LGW-9	2/1/2024	169	34.1	0.323	759	6.47	1237.47	52.00	1185.47
LGW-10	2/1/2024	151	25.1	0.555	932	6.44	1240.61	59.10	1181.51
LGW-14R	2/1/2024	39	5.76	0.400	577	6.90	1250.93	56.70	1194.23
MW-7N	2/1/2024	93	29.8	0.143	556	6.81	1250.84	87.18	1163.66
MW-15	2/1/2024	278	42.0	0.275	616	6.61	1291.46	58.86	1232.60
MW-16	2/1/2024	108	4.15	0.414	352	7.26	1289.70	74.75	1214.95
MW-17	2/1/2024	205	6.67	0.217	296	6.73	1288.93	60.58	1228.35
MW-19	2/1/2024	92	7.51	0.266	650	6.71	1293.90	67.67	1226.23
LCS-1	2/2/2024	NA	1600	1620	20415	7.60	NA	NA	NA
LCS-2	2/2/2024	NA	1350	923	14425	7.26	NA	NA	NA
LCS-3	2/2/2024	NA	1290	1030	15574	7.41	NA	NA	NA
LCS-4	2/2/2024	NA	1400	1300	18250	7.37	NA	NA	NA
LCS-5	2/2/2024	NA	2380	2540	31113	7.72	NA	NA	NA
LCS-6	2/2/2024	NA	1170	1010	14901	7.29	NA	NA	NA
LCS-7	2/2/2024	NA	1260	998	14742	7.29	NA	NA	NA
LCS-8	2/2/2024	NA	947	802	12281	7.23	NA	NA	NA
LCS-9	2/2/2024	NA	1520 V	1350	18271	7.44	NA	NA	NA
LCS-10	2/2/2024	NA	1720	1660	21458	7.57	NA	NA	NA
LCS-11	2/2/2024	NA	1790	2520	29036	8.17	NA	NA	NA
LCS-12	2/2/2024	NA	1980	1870	23619	7.65	NA	NA	NA
LDS-1	2/2/2024	NA	205	16.7	3929	6.69	NA	NA	NA
LDS-2	2/2/2024	NA	275	5.42	2543	6.78	NA	NA	NA
LDS-3	2/2/2024	NA	1440	180	19462	7.51	NA	NA	NA
LDS-4	2/2/2024	NA	1430	1020	19217	7.36	NA	NA	NA
LDS-5	2/2/2024	NA	865	416	13004	7.44	NA	NA	NA
LDS-6	2/2/2024	NA	1000	156	11376	7.73	NA	NA	NA
LDS-7	2/2/2024	NA	350	184	6907	7.20	NA	NA	NA
LDS-8	2/2/2024	NA	905	747	12093	7.19	NA	NA	NA
LDS-9	2/2/2024	NA	178	19.8	2153	6.24	NA	NA	NA
LDS-10	2/2/2024	NA	468	233	5716	6.86	NA	NA	NA
LDS-11	2/2/2024	NA	2630	2170	31162	7.80	NA	NA	NA
LDS-12	2/2/2024	NA	935	593	15737	7.32	NA	NA	NA
Field Blank	2/2/2024	NA	<3	0.278	NA	NA	NA	NA	NA
Lab Method Blanks	---	NA	0.207	<0.1	NA	NA	NA	NA	NA

Notes:
Depth to water collected by Promus Engineering on February 1, 2024.
NA: Not Applicable
Chloride Intra-Well Limit is the baseline mean concentration multiplied by 10. See Report Attachment D for calculations.
J5: The sample matrix interfered with the ability to make any accurate determination; spike value is high.
P1: RPD value not applicable for sample concentrations less than 5 times the reporting limit.
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)
7/18/2006 - 7/21/2006			6.93 *	430.0 *
7/21/2006 - 7/31/2006			6.72	713.0
7/31/2006 - 8/2/2006	.130	13.0	6.72 *	713.0 *
9/20/2006 - 9/28/2006	.410	13.0	7.15 *	780.0 *
10/24/2006 - 11/3/2006	.140	13.0	7.33 *	607.0 *
11/20/2006 - 11/21/2006	<.100	13.0	7.38 *	262.0 *
12/21/2006 - 12/22/2006		13.0	6.55 *	923.0 *
1/8/2007 - 1/16/2007			6.63 *	902.0 *
1/16/2007 - 1/26/2007	.200	13.0	6.75 *	926.0 *
2/7/2007			6.71	908.0
2/24/2007 - 2/27/2007	.190	14.0	6.71 *	908.0 *
3/26/2007 - 3/27/2007	.200	14.0	6.47 *	918.0 *
4/23/2007 - 4/27/2007	<.100	14.0	6.38 *	1268.0 *
5/31/2007 - 6/1/2007	.160	15.0	6.22 *	1470.0 *
6/28/2007	<.100	14.0	6.55 *	897.0 *
7/10/2007 - 7/13/2007	.150	14.0	6.35 *	960.0 *
8/24/2007 - 8/29/2007	.230	15.0	6.93 *	800.2 *
9/27/2007 - 9/28/2007	.200	17.0	7.33 *	708.0 *
10/23/2007 - 10/24/2007	.190	16.0		839.0
11/27/2007 - 11/28/2007	.300	16.0	6.11 *	825.5 *
12/27/2007 - 12/28/2007	.120	18.0	6.10 *	827.7 *
1/22/2008 - 1/26/2008	<.100	18.0	6.67	712.0
2/27/2008 - 2/28/2008	.200	18.0	6.65	929.0
5/29/2008 - 5/30/2008	.410	21.0	6.48 *	795.3 *
6/25/2008 - 6/26/2008	.570	20.0	6.39 *	735.3 *
7/21/2008 - 7/24/2008	.600	20.0	6.48	914.0
8/29/2008	.510	20.0	6.45	920.0
9/25/2008 - 10/1/2008	.710	19.0	6.47	814.0
10/21/2008 - 10/22/2008	.790	21.0		
11/24/2008 - 11/25/2008	.410	20.0	6.56	859.0
12/18/2008 - 12/19/2008	.360	22.0	6.53	855.0
3/25/2009 - 3/26/2009	.420	20.0	6.13	696.0
4/15/2009 - 4/16/2009	.370	21.0	6.01	772.0
5/28/2009 - 5/29/2009	.410	21.0	6.50	937.0
6/24/2009 - 6/25/2009	.450	21.0	6.45	777.0
7/29/2009 - 8/1/2009	.340	22.0	5.49	923.0
8/28/2009 - 8/29/2009	.350	20.0	5.55	810.0
10/20/2009 - 10/26/2009	.380	20.0	6.06	952.0
12/17/2009 - 12/18/2009	.380	21.0	6.33	848.0
1/26/2010 - 2/4/2010	.280 *	20.0 *	6.41 *	778.0 *
2/15/2010 - 2/17/2010	.220	20.0	6.48	862.0
3/3/2010 - 3/4/2010	.300	20.0	6.44	866.0
4/7/2010 - 4/8/2010	.350	20.0	6.30	955.0
5/5/2010 - 5/6/2010	.360	21.0	7.29	961.0
6/15/2010 - 6/16/2010	.240	14.0	6.50	1005.0
7/12/2010 - 7/16/2010	.290	19.0	6.92	991.0
8/10/2010 - 8/11/2010	.360	19.0	6.44	1001.0
8/31/2010 - 9/2/2010	.260	20.0	6.58	927.0
9/29/2010 - 9/30/2010	.290	19.0	6.35	954.0
11/3/2010 - 11/4/2010	.290	18.0	6.36	904.0
12/2/2010 - 12/3/2010	.210	20.0	6.52	845.0
1/19/2011 - 1/21/2011	.220	20.0	6.53	831.0
2/7/2011 - 2/8/2011	.180	20.0	6.48	904.0
3/3/2011 - 3/4/2011	.220	20.0	6.49	966.0
4/5/2011 - 4/6/2011	.220	20.0	6.61	917.0

* - 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)
5/10/2011 - 5/11/2011	.270	19.0	6.42	902.0
6/1/2011 - 6/2/2011	.260	20.0	6.34	1033.0
7/12/2011 - 7/14/2011	.300	20.0	6.52	981.0
8/3/2011 - 8/4/2011	.210	20.0	6.44	1000.0
9/7/2011 - 9/8/2011	.250	19.0	6.51	943.0
10/5/2011 - 10/6/2011	.270	21.0	6.53	966.0
11/1/2011 - 11/2/2011	.250	19.0	6.45	926.0
12/7/2011 - 12/8/2011	.270	20.0	6.57	960.0
1/4/2012 - 1/6/2012	.300	20.0	6.56	974.0
2/1/2012 - 2/2/2012	.250	19.0	6.42	950.0
3/6/2012 - 3/7/2012	.200	19.0	6.54	936.0
4/5/2012 - 4/6/2012	.270	19.0	6.58	953.0
5/1/2012 - 5/10/2012	.250	19.0	6.78	871.0
6/5/2012 - 6/6/2012	.290	19.0	6.93	760.0
7/9/2012 - 7/12/2012	.140	18.0	6.50	939.0
8/9/2012 - 8/10/2012	<.100	18.0	6.70	801.0
9/4/2012 - 9/5/2012	.240	18.0	6.40	815.0
10/3/2012 - 10/8/2012	.210	18.0	6.63	965.0
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
2/12/2014 - 2/13/2014	.230	15.0	6.30	995.0
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
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
8/4/2015 - 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

* - 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)
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
5/16/2017	.280	15.0	6.38	910.0
6/6/2017 - 6/7/2017	.130	14.0	6.40	905.0
7/18/2017 - 7/21/2017	.280	15.0	6.38	784.0
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
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 - 1/23/2020	.315	18.4	6.60	863.0
2/3/2020 - 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 - 9/3/2020	.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 *

* - 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)
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
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
12/6/2023 - 12/8/2023	.125	24.4	6.23	1141.0
1/4/2024 - 1/11/2024	.101	24.4	6.15	987.0
2/1/2024 - 2/2/2024	.555	25.1	6.44	932.0

* - 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)
7/18/2006 - 7/21/2006			8.38 *	346.0 *
7/21/2006 - 7/31/2006			8.38 *	346.0 *
7/31/2006 - 8/2/2006	<.100	5.10	8.11 *	297.0 *
9/20/2006 - 9/28/2006	<.100	4.10	8.53 *	236.0 *
10/24/2006 - 11/3/2006	<.100	4.90	8.55 *	270.0 *
11/20/2006 - 11/21/2006	<.100	4.40	8.69 *	218.0 *
12/21/2006 - 12/22/2006		4.50	7.00 *	385.0 *
1/8/2007 - 1/16/2007			5.75 *	373.0 *
1/16/2007 - 1/26/2007	<.100	5.30	7.81 *	409.0 *
2/7/2007			7.35	406.0
2/24/2007 - 2/27/2007	<.100	5.90	7.35 *	406.0 *
3/26/2007 - 3/27/2007	<.100	5.50	6.82 *	396.0 *
4/23/2007 - 4/27/2007	<.100	4.70	7.74 *	542.0 *
5/31/2007 - 6/1/2007	<.100	5.40	7.73 *	271.0 *
6/28/2007	<.100	4.50	7.54 *	384.0 *
7/10/2007 - 7/13/2007	<.100	4.70	7.38 *	392.0 *
8/24/2007 - 8/29/2007	<.100	12.00	7.67 *	383.3 *
9/27/2007 - 9/28/2007	<.100	4.80	7.93 *	386.0 *
10/23/2007 - 10/24/2007	<.100	4.70		385.0
11/27/2007 - 11/28/2007	<.100	5.00	6.47 *	489.5 *
12/27/2007 - 12/28/2007	<.100	4.90	6.56 *	364.7 *
1/22/2008 - 1/26/2008	<.100	4.70	7.88	363.0
2/27/2008 - 2/28/2008	<.100	4.60	7.79	405.0
3/24/2008 - 3/25/2008	<.100	<3.00	7.45 *	355.0 *
5/2/2008 - 5/3/2008	<.100	5.50	7.64 *	356.3 *
5/29/2008 - 5/30/2008	<.100	4.80	7.57 *	374.5 *
6/25/2008 - 6/26/2008	<.100	4.30	7.36 *	285.0 *
7/21/2008 - 7/24/2008	<.100	5.10	7.54	346.0
8/29/2008	<.100	5.80	7.63	305.0
9/25/2008 - 10/1/2008	<.100	4.10	7.73	280.0
10/21/2008 - 10/22/2008	<.100			
11/24/2008 - 11/25/2008	<.100	3.80	7.65	359.0
12/18/2008 - 12/19/2008	.140	4.50	7.77	386.0
2/3/2009 - 2/13/2009	<.100	3.90	8.06	356.0
3/25/2009 - 3/26/2009	<.100	3.50	7.41	371.0
6/24/2009 - 6/25/2009	.100	4.00	7.31	356.0
7/29/2009 - 8/1/2009	<.100	3.50	6.37	322.0
8/28/2009 - 8/29/2009	<.100	3.30	6.26	319.0
10/20/2009 - 10/26/2009	<.100	3.50	6.97	346.0
12/17/2009 - 12/18/2009	<.100	3.50	7.27	345.0
1/26/2010 - 2/4/2010	<.100 *	3.50 *	7.41 *	306.0 *
2/15/2010 - 2/17/2010	<.100	3.40	7.52	304.0
3/3/2010 - 3/4/2010	<.100	3.70	7.35	363.0
4/7/2010 - 4/8/2010	<.100	3.50	7.03	359.0
5/5/2010 - 5/6/2010	<.100	4.00	8.31	349.0
6/15/2010 - 6/16/2010	<.100	3.70	7.38	372.0
7/12/2010 - 7/16/2010	<.100	3.50	7.37	330.0
8/10/2010 - 8/11/2010	<.100	3.80	7.30	355.0
8/31/2010 - 9/2/2010	<.100	3.70	7.48	349.0
9/29/2010 - 9/30/2010	<.100	3.70	7.35	335.0
11/3/2010 - 11/4/2010	<.100	3.20	7.37	339.0
12/2/2010 - 12/3/2010	<.100	3.90	7.39	357.0
1/19/2011 - 1/21/2011	<.100	3.70	7.45	347.0
2/7/2011 - 2/8/2011	<.100	3.70	7.46	346.0
3/3/2011 - 3/4/2011	<.100	3.90	7.47	363.0

* - 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)
4/5/2011 - 4/6/2011	<.100	3.80	7.53	331.0
5/10/2011 - 5/11/2011	<.100	3.60	7.38	294.0
6/1/2011 - 6/2/2011	<.100	3.60	7.36	338.0
7/12/2011 - 7/14/2011	<.100	3.90	7.41	322.0
8/3/2011 - 8/4/2011	<.100	3.80	7.40	331.0
9/7/2011 - 9/8/2011	<.100	3.90	7.48	341.0
10/5/2011 - 10/6/2011	<.100	4.10	7.49	345.0
11/1/2011 - 11/2/2011	<.100	3.60	7.46	328.0
12/7/2011 - 12/8/2011	<.100	3.90	7.59	333.0
1/4/2012 - 1/6/2012	<.100	3.80	7.64	309.0
2/1/2012 - 2/2/2012	<.100	3.70	7.43	319.0
3/6/2012 - 3/7/2012	<.100	3.80	7.53	330.0
4/5/2012 - 4/6/2012	<.100	3.90	7.73	319.0
5/1/2012 - 5/10/2012	<.100	4.20	7.92	337.0
6/5/2012 - 6/6/2012	<.100	3.80	8.00	347.0
7/9/2012 - 7/12/2012	<.100	3.80	7.37	352.0
8/9/2012 - 8/10/2012	<.100	3.80	7.52	338.0
9/4/2012 - 9/5/2012	<.100	3.90	7.16	345.0
10/3/2012 - 10/8/2012	<.100	3.90	7.47	371.0
11/6/2012 - 11/8/2012	<.100 *	4.00 *	7.31 *	340.0 *
12/6/2012	<.100 *	4.10 *	7.30 *	317.0 *
1/23/2013	<.100 *	3.50 *	7.60 *	329.0 *
2/5/2013	<.100 *	3.80 *	7.53 *	349.0 *
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
2/12/2014 - 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
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
8/4/2015 - 8/5/2015	<.100	3.80	7.78	679.0
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

* - 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)
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 - 5/5/2017	<.100	4.60	7.49	355.0
6/6/2017 - 6/7/2017	<.100	4.60	7.54	340.0
7/18/2017 - 7/21/2017	<.100	4.50	7.27	366.0
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
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
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 - 1/23/2020	<.100	4.68	7.33	339.6
2/3/2020 - 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 - 9/3/2020	<.100	4.53	7.07	412.3

* - 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)
10/5/2020 - 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
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
12/6/2023 - 12/8/2023	<.100	5.56	6.76	840.0
1/4/2024 - 1/11/2024	<.100	5.06	6.71	651.0
1/11/2024 - 1/21/2024	<.100	5.06	6.71	651.0
2/1/2024 - 2/2/2024	.400	5.76	6.90	577.0

* - 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)
7/21/2006 - 7/31/2006			7.58 *	380.0 *
7/31/2006 - 8/2/2006	<.100	9.10	7.58 *	380.0 *
9/20/2006 - 9/28/2006	<.100	7.50	7.90 *	438.7 *
10/24/2006 - 11/3/2006	<.100	7.70	8.18 *	391.0 *
11/20/2006 - 11/21/2006	<.100	7.70	7.81 *	778.0 *
12/21/2006 - 12/22/2006		7.10	7.44 *	550.0 *
1/8/2007 - 1/16/2007			7.33 *	536.0 *
1/16/2007 - 1/26/2007	<.100	7.70	7.41 *	607.0 *
2/7/2007			7.57	584.0
2/24/2007 - 2/27/2007	<.100	7.90	7.57 *	584.0 *
3/26/2007 - 3/27/2007	<.100	7.40	7.15 *	560.0 *
4/23/2007 - 4/27/2007	<.100	6.60	7.03 *	772.0 *
5/31/2007 - 6/1/2007	<.100	9.50	7.15 *	807.0 *
6/28/2007	<.100	8.10	7.42 *	560.0 *
7/10/2007 - 7/13/2007	<.100	8.10	7.10 *	558.0 *
8/24/2007 - 8/29/2007	<.100 *	6.60	7.55 *	528.0 *
9/27/2007 - 9/28/2007	<.100	7.90	8.13 *	535.7 *
10/23/2007 - 10/24/2007	<.100	8.10	9.61	525.0
11/27/2007 - 11/28/2007	<.100	7.90	6.62 *	505.5 *
12/27/2007 - 12/28/2007	<.100	8.00	6.61 *	501.0 *
1/22/2008 - 1/26/2008	<.100	7.70	7.17 *	495.3 *
2/27/2008 - 2/28/2008	<.100	7.70	7.68	554.0
3/24/2008 - 3/25/2008	<.100	7.80	6.93 *	515.3 *
5/2/2008 - 5/3/2008	<.100	8.10	7.53 *	485.8 *
5/29/2008 - 5/30/2008			6.94 *	526.0 *
6/25/2008 - 6/26/2008	<.100	9.00	6.94 *	505.0 *
7/21/2008 - 7/24/2008	<.100	9.40	7.13	546.0
8/29/2008	<.100	7.70	7.05	545.0
9/25/2008 - 10/1/2008	<.100	8.60	7.30 *	399.0 *
10/21/2008 - 10/22/2008	<.100	8.70	7.35	537.0
11/24/2008 - 11/25/2008	<.100	8.50	7.36	551.0
12/18/2008 - 12/19/2008	.180	10.00	7.57	560.0
2/3/2009 - 2/13/2009	<.100	8.40	7.33 *	545.5 *
3/25/2009 - 3/26/2009	<.100	7.90	7.34	543.0
4/15/2009 - 4/16/2009	<.100	9.60	7.01	555.0
5/28/2009 - 5/29/2009	<.100	8.40	7.60	559.0
6/24/2009 - 6/25/2009	.100	8.90	7.31	561.0
7/29/2009 - 8/1/2009	<.100	8.70	6.61	560.0
8/28/2009 - 8/29/2009	<.100	8.50	6.46	567.0
9/29/2009 - 9/30/2009	<.100	8.80	6.21	569.0
10/20/2009 - 10/26/2009	<.100	9.70	6.86	562.0
11/23/2009 - 11/25/2009	.120	9.70	6.85	555.0
12/17/2009 - 12/18/2009	<.100	10.00	6.86	584.0
1/26/2010 - 2/4/2010	<.100 *	9.40 *	7.16 *	606.0 *
2/15/2010 - 2/17/2010	.090	9.70	6.79	548.0
3/3/2010 - 3/4/2010	<.100	9.80	7.30	582.0
4/7/2010 - 4/8/2010	<.100	8.60	7.12	600.0
5/5/2010 - 5/6/2010	<.100	9.90	8.06	580.0
6/15/2010 - 6/16/2010	<.100	12.00	7.11	644.0
7/12/2010 - 7/16/2010	<.100	9.10	7.08	598.0
8/10/2010 - 8/11/2010	<.100	9.40	7.06	615.0
8/31/2010 - 9/2/2010	<.100	9.50	7.35	589.0
9/29/2010 - 9/30/2010	<.100	9.40	7.03	606.0
11/3/2010 - 11/4/2010	<.100	8.10	6.95	614.0
12/2/2010 - 12/3/2010	<.100	9.50	7.08	632.0

* - 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)
1/19/2011 - 1/21/2011	<.100	9.30	6.76	622.0
2/7/2011 - 2/8/2011	<.100	9.10	7.04	609.0
3/3/2011 - 3/4/2011	<.100	8.70	7.10	647.0
4/5/2011 - 4/6/2011	.130	9.20	7.20	592.0
5/10/2011 - 5/11/2011	<.100	9.10	6.95	541.0
6/1/2011 - 6/2/2011	<.100	9.00	6.86	632.0
7/12/2011 - 7/14/2011	<.100	9.80	7.09	586.0
8/3/2011 - 8/4/2011	<.100	9.70	6.98	601.0
9/7/2011 - 9/8/2011	<.100	9.70	7.07	607.0
10/5/2011 - 10/6/2011	<.100	10.00	7.09	607.0
11/1/2011 - 11/2/2011	<.100	8.90	6.89	575.0
12/7/2011 - 12/8/2011	<.100	8.90	7.12	598.0
1/4/2012 - 1/6/2012	<.100	9.60	7.13	593.0
2/1/2012 - 2/2/2012	<.100	8.90	6.84	582.0
3/6/2012 - 3/7/2012	<.100	9.40	7.01	595.0
4/5/2012 - 4/6/2012	<.100	9.10	6.97	579.0
5/1/2012 - 5/10/2012	<.100	9.00	7.22	553.0
6/5/2012 - 6/6/2012	.110	8.90	7.22	566.0
7/9/2012 - 7/12/2012	<.100	9.30	7.05	609.0
8/9/2012 - 8/10/2012	<.100	8.80	6.71	589.0
9/4/2012 - 9/5/2012	<.100	9.00	6.71	603.0
10/3/2012 - 10/8/2012	<.100	9.20	7.13	635.0
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
2/12/2014 - 2/13/2014	<.100	9.10	8.03	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
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
8/4/2015 - 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

* - 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)
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
5/16/2017	<.100	9.60	6.69	745.0
6/6/2017 - 6/7/2017	<.100	9.90	6.76	717.0
7/18/2017 - 7/21/2017	.310	10.00	6.46	535.0
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
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
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
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 - 1/23/2020	.586	9.66	6.55	503.2
2/3/2020 - 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 - 9/3/2020	.186	9.37	6.87	552.1
10/5/2020 - 10/7/2020	.422	11.20	6.84	499.4

* - 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)
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
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
12/6/2023 - 12/8/2023	<.100	11.10	6.69	839.0
1/11/2024 - 1/21/2024	.138	10.80	6.70	974.0
2/1/2024 - 2/2/2024	<.100	11.90	6.80	619.0

* - 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)
7/18/2006 - 7/21/2006	<.100	45.00	7.33 *	276.0 *
9/20/2006 - 9/28/2006	<.100	15.00	7.38 *	233.0 *
10/24/2006 - 11/3/2006	<.100	31.00	7.69 *	455.0 *
11/20/2006 - 11/21/2006	<.100	25.00	7.92 *	161.9 *
12/21/2006 - 12/22/2006		15.00	7.08 *	465.0 *
1/8/2007 - 1/16/2007			6.85 *	478.0 *
1/16/2007 - 1/26/2007	<.100	11.00	7.29 *	385.0 *
2/7/2007			7.38	384.0
2/24/2007 - 2/27/2007	<.100	11.00	7.38 *	384.0 *
3/26/2007 - 3/27/2007	<.100	10.00	6.81 *	458.0 *
4/23/2007 - 4/27/2007	<.100	24.00	6.82 *	747.0 *
5/31/2007 - 6/1/2007	<.100	35.00	6.77 *	852.0 *
6/28/2007	<.100	35.00	7.04 *	582.0 *
7/10/2007 - 7/13/2007	<.100	15.00	6.65 *	452.0 *
8/24/2007 - 8/29/2007	<.100	38.00	7.21 *	569.0 *
9/27/2007 - 9/28/2007	<.100	41.00	7.40	586.0
10/23/2007 - 10/24/2007	<.100	43.00	9.56	602.0
11/27/2007 - 11/28/2007	<.100	44.00	6.37 *	587.5 *
12/27/2007 - 12/28/2007	<.100	42.00	6.60 *	579.3 *
1/22/2008 - 1/26/2008	<.100	42.00	6.68 *	570.4 *
2/27/2008 - 2/28/2008	<.100	15.00	7.21	433.0
3/24/2008 - 3/25/2008	<.100	11.00	6.68 *	290.3 *
5/2/2008 - 5/3/2008	<.100	5.20	7.14 *	182.8 *
5/29/2008 - 5/30/2008			7.01 *	279.5 *
6/25/2008 - 6/26/2008	<.100	7.30	6.73 *	283.5 *
7/21/2008 - 7/24/2008	<.100	6.10	6.67	257.0
8/29/2008	<.100	11.00	6.78	339.0
9/25/2008 - 10/1/2008	<.100	8.30	7.04 *	325.0 *
10/21/2008 - 10/22/2008	<.100	13.00	7.21	362.0
11/24/2008 - 11/25/2008	<.100	20.00	6.99	427.0
12/18/2008 - 12/19/2008	<.100	25.00	6.98	458.0
2/3/2009 - 2/13/2009	<.100	24.00	6.97	438.0
3/25/2009 - 3/26/2009	<.100	26.00	6.80	448.0
4/15/2009 - 4/16/2009	<.100	17.00	6.31	373.0
5/28/2009 - 5/29/2009	<.100	6.20	7.41	248.0
6/24/2009 - 6/25/2009	<.100	9.50	7.03	318.0
7/29/2009 - 8/1/2009	<.100	16.00	6.06	382.0
8/28/2009 - 8/29/2009	<.100	22.00	5.90	433.0
9/29/2009 - 9/30/2009	<.100	28.00	5.82	473.0
10/20/2009 - 10/26/2009	<.100	16.00	6.41	393.0
11/23/2009 - 11/25/2009	<.100	14.00	6.49	366.0
12/17/2009 - 12/18/2009	<.100	20.00	6.75	416.0
1/26/2010 - 2/4/2010	<.100 *	29.00 *	6.73 *	462.0 *
2/15/2010 - 2/17/2010	.085	25.00	6.95	428.0
3/3/2010 - 3/4/2010	.037	26.00	6.81	457.0
4/7/2010 - 4/8/2010	<.100	16.00	6.87	383.0
5/5/2010 - 5/6/2010	<.100	21.00	7.89	408.0
6/15/2010 - 6/16/2010	<.100	18.00	6.96	436.0
7/12/2010 - 7/16/2010	<.100	11.00	6.80	323.0
8/10/2010 - 8/11/2010	.130	13.00	6.73	369.0
8/31/2010 - 9/2/2010	<.100	18.00	6.95	411.0
9/29/2010 - 9/30/2010	<.100	22.00	6.75	431.0
11/3/2010 - 11/4/2010	<.100	25.00	6.77	472.0
12/2/2010 - 12/3/2010	<.100	35.00	6.81	549.0
1/19/2011 - 1/21/2011	<.100	40.00	6.86	602.0

* - 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)
2/7/2011 - 2/8/2011	<.100	40.00	6.82	606.0
3/3/2011 - 3/4/2011	<.100	39.00	6.86	633.0
4/5/2011 - 4/6/2011	<.100	40.00	6.97	575.0
5/10/2011 - 5/11/2011	<.100	11.00	6.82	269.0
6/1/2011 - 6/2/2011	.150	6.90	6.65	245.0
7/12/2011 - 7/14/2011	<.100	10.00	6.85	322.0
8/3/2011 - 8/4/2011	<.100	14.00	6.81	377.0
9/7/2011 - 9/8/2011	<.100	20.00	6.93	441.0
10/5/2011 - 10/6/2011	<.100	27.00	7.00	480.0
11/1/2011 - 11/2/2011	<.100	28.00	6.90	494.0
12/7/2011 - 12/8/2011	<.100	28.00	7.08	472.0
1/4/2012 - 1/6/2012	<.100	24.00	7.06	458.0
2/1/2012 - 2/2/2012	<.100	27.00	6.84	466.0
3/6/2012 - 3/7/2012	<.100	30.00	7.07	497.0
4/5/2012 - 4/6/2012	<.100	17.00	7.21	367.0
5/1/2012 - 5/10/2012	<.100	21.00	7.27	393.0
6/5/2012 - 6/6/2012	<.100	30.00	7.22	476.0
7/9/2012 - 7/12/2012	<.100	34.00	7.03	558.0
8/9/2012 - 8/10/2012	<.100	33.00	6.94	550.0
9/4/2012 - 9/5/2012	<.100	35.00	6.72	577.0
11/6/2012 - 11/8/2012	<.100	34.00	6.99	616.0
12/6/2012	<.100 *	36.00 *	6.83 *	562.0 *
1/23/2013	<.100 *	36.00 *	7.00 *	449.0 *
2/5/2013	<.100 *	36.00 *	7.01 *	601.0 *
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
2/12/2014 - 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
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
8/4/2015 - 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

* - 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)
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 - 5/5/2017	<.100	13.00	7.15	460.0
6/6/2017 - 6/7/2017	<.100	11.00	7.40	346.0
7/18/2017 - 7/21/2017	<.100	15.00	6.86	440.0
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
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
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 - 1/23/2020	<.100	8.25	6.34	243.4
2/3/2020 - 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 *

* - 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)
8/3/2020	<.100	7.65	6.14	273.6
9/1/2020 - 9/3/2020	<.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
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
12/6/2023 - 12/8/2023	<.100	4.57	5.19	140.0
1/11/2024 - 1/21/2024	<.100	4.67	5.36	84.0
2/1/2024 - 2/2/2024	<.100	4.75	5.79	127.0

* - 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)
7/18/2006 - 7/21/2006	.110	20.00	7.54 *	228.0 *
9/20/2006 - 9/28/2006	<.100	11.00	7.73 *	300.0 *
10/24/2006 - 11/3/2006	<.100	19.00	7.90 *	386.0 *
11/20/2006 - 11/21/2006	<.100	15.00	7.96 *	161.0 *
12/21/2006 - 12/22/2006		12.00	7.25 *	484.0 *
1/8/2007 - 1/16/2007			7.30 *	468.0 *
1/16/2007 - 1/26/2007	<.100	8.70	7.49 *	453.0 *
2/7/2007			7.48	441.0
2/24/2007 - 2/27/2007	<.100	9.90	7.48 *	441.0 *
3/26/2007 - 3/27/2007	<.100	9.70	7.01 *	474.0 *
4/23/2007 - 4/27/2007	<.100	13.00	6.91 *	680.0 *
5/31/2007 - 6/1/2007	<.100	19.00	7.19 *	738.0 *
6/28/2007	<.100	14.00	7.02 *	476.0 *
7/10/2007 - 7/13/2007	<.100	10.00	7.08 *	464.0 *
8/24/2007 - 8/29/2007	<.100	20.00	7.38 *	610.8 *
9/27/2007 - 9/28/2007	<.100	20.00	7.58 *	497.3 *
10/23/2007 - 10/24/2007	<.100	19.00	9.57	487.0
11/27/2007 - 11/28/2007	<.100	21.00	6.52 *	473.3 *
12/27/2007 - 12/28/2007	<.100	21.00	6.70 *	474.7 *
1/22/2008 - 1/26/2008	<.100	22.00	7.20	473.0
2/27/2008 - 2/28/2008	<.100	14.00	7.28	457.0
3/24/2008 - 3/25/2008	<.100	8.90	6.94 *	322.3 *
5/2/2008 - 5/3/2008	<.100	6.40	7.34 *	316.3 *
5/29/2008 - 5/30/2008			7.35 *	376.0 *
7/21/2008 - 7/24/2008	<.100	8.50	6.86	358.0
8/29/2008	<.100	10.00	8.23	393.0
9/25/2008 - 10/1/2008	<.100	6.80	7.29 *	393.0 *
10/21/2008 - 10/22/2008	.130	11.00	7.15	398.0
11/24/2008 - 11/25/2008	<.100	13.00	7.17	420.0
12/18/2008 - 12/19/2008	.140	16.00	7.10	433.0
2/3/2009 - 2/13/2009	<.100	15.00	7.29	403.0
3/25/2009 - 3/26/2009	<.100	10.00	6.90	403.0
4/15/2009 - 4/16/2009	<.100	10.00	6.61	376.0
5/28/2009 - 5/29/2009	<.100	5.70	7.47	373.0
6/24/2009 - 6/25/2009	.100	9.50	7.14	377.0
7/29/2009 - 8/1/2009	<.100	12.00	6.07	398.0
8/28/2009 - 8/29/2009	<.100	14.00	5.93	411.0
10/20/2009 - 10/26/2009	<.100	11.00	6.47	383.0
11/23/2009 - 11/25/2009	<.100	11.00	6.65	380.0
1/26/2010 - 2/4/2010	<.100 *	17.00 *	7.05 *	408.0 *
2/15/2010 - 2/17/2010	.088	16.00	7.07	405.0
3/3/2010 - 3/4/2010	.027	17.00	7.06	431.0
4/7/2010 - 4/8/2010	<.100	12.00	6.99	395.0
5/5/2010 - 5/6/2010	<.100	14.00	8.20	394.0
6/15/2010 - 6/16/2010	<.100	20.00	7.36	407.0
7/12/2010 - 7/16/2010	<.100	9.30	6.96	339.0
8/10/2010 - 8/11/2010	<.100	11.00	7.01	370.0
8/31/2010 - 9/2/2010	<.100	13.00	7.13	396.0
9/29/2010 - 9/30/2010	<.100	12.00	7.05	393.0
11/3/2010 - 11/4/2010	<.100	14.00	7.06	420.0
12/2/2010 - 12/3/2010	<.100	19.00	7.05	454.0
1/19/2011 - 1/21/2011	<.100	21.00	7.06	475.0
2/7/2011 - 2/8/2011	<.100	21.00	7.05	477.0
3/3/2011 - 3/4/2011	<.100	22.00	7.07	515.0
4/5/2011 - 4/6/2011	<.100	21.00	7.22	458.0

* - 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)
5/10/2011 - 5/11/2011	<.100	9.40	7.23	278.0
6/1/2011 - 6/2/2011	<.100	9.00	7.05	331.0
7/12/2011 - 7/14/2011	<.100	8.20	7.42	358.0
8/3/2011 - 8/4/2011	<.100	11.00	7.13	369.0
9/7/2011 - 9/8/2011	<.100	14.00	7.21	398.0
10/5/2011 - 10/6/2011	<.100	16.00	7.27	408.0
11/1/2011 - 11/2/2011	<.100	16.00	7.06	408.0
12/7/2011 - 12/8/2011	<.100	16.00	7.35	393.0
1/4/2012 - 1/6/2012	.100	17.00	7.28	395.0
2/1/2012 - 2/2/2012	<.100	17.00	7.07	405.0
3/6/2012 - 3/7/2012	<.100	18.00	7.28	418.0
4/5/2012 - 4/6/2012	<.100	13.00	7.47	361.0
5/1/2012 - 5/10/2012	<.100	14.00	7.71	362.0
6/5/2012 - 6/6/2012	<.100	17.00	7.45	392.0
7/9/2012 - 7/12/2012	<.100	19.00	7.28	450.0
8/9/2012 - 8/10/2012	<.100	18.00	7.16	443.0
9/4/2012 - 9/5/2012	<.100	17.00	6.92	424.0
10/3/2012 - 10/8/2012	<.100	19.00	7.40	471.0
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
2/12/2014 - 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
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
8/4/2015 - 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

* - 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)
7/19/2016 - 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 - 5/5/2017		11.00	7.26	420.0
5/16/2017	<.100		7.00	434.0
6/6/2017 - 6/7/2017	<.100	11.00	7.16	431.0
7/18/2017 - 7/21/2017	<.100	13.00	7.03	500.0
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
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
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
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 - 1/23/2020	<.100	8.39	7.34	326.7
2/3/2020 - 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 - 9/3/2020	<.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

* - 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)
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
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
12/6/2023 - 12/8/2023	<.100	20.70	6.54	1039.0
1/11/2024 - 1/21/2024	<.100	20.80	6.50	1216.0
2/1/2024 - 2/2/2024	.118	22.70	6.66	755.0

* - 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)
7/18/2006 - 7/21/2006			8.00 *	404.0 *
7/21/2006 - 7/31/2006			7.73	340.0
7/31/2006 - 8/2/2006	<.100	13.0	7.73 *	340.0 *
9/20/2006 - 9/28/2006	<.100	12.0	7.94 *	338.0 *
10/24/2006 - 11/3/2006	<.100	12.0	8.20 *	343.0 *
11/20/2006 - 11/21/2006	<.100	12.0	7.99 *	168.3 *
12/21/2006 - 12/22/2006		14.0	7.16 *	491.0 *
1/8/2007 - 1/16/2007			7.38 *	495.0 *
1/16/2007 - 1/26/2007	<.100	13.0	7.50 *	478.0 *
2/7/2007			7.42	490.0
2/24/2007 - 2/27/2007	<.100	13.0	7.42 *	490.0 *
3/26/2007 - 3/27/2007	<.100	13.0	6.97 *	475.0 *
4/23/2007 - 4/27/2007	<.100	13.0	6.90 *	663.0 *
5/31/2007 - 6/1/2007	<.100	14.0	6.88 *	339.0 *
6/28/2007	<.100	12.0	7.36 *	460.0 *
7/10/2007 - 7/13/2007	<.100	13.0	6.98 *	486.0 *
8/24/2007 - 8/29/2007	<.100	14.0	7.42 *	472.3 *
9/27/2007 - 9/28/2007	<.100	11.0	8.03 *	533.3 *
10/23/2007 - 10/24/2007	<.100	14.0		433.0
11/27/2007 - 11/28/2007	<.100	13.0	6.73 *	410.0 *
12/27/2007 - 12/28/2007	<.100	9.1	6.85 *	395.3 *
1/22/2008 - 1/26/2008	<.100	9.6	7.96	417.0
2/27/2008 - 2/28/2008	<.100	13.0	7.59	457.0
3/24/2008 - 3/25/2008	<.100	12.0	6.97 *	391.8 *
5/2/2008 - 5/3/2008	<.100	11.0	7.44 *	348.3 *
5/29/2008 - 5/30/2008		11.0	7.17 *	401.0 *
6/25/2008 - 6/26/2008	<.100	11.0	6.91 *	369.5 *
7/21/2008 - 7/24/2008	<.100	10.0	6.74	399.0
9/25/2008 - 10/1/2008	<.100	9.6	7.03 *	396.0 *
10/21/2008 - 10/22/2008	<.100	11.0	6.92	394.0
11/24/2008 - 11/25/2008	<.100	11.0	7.12	411.0
12/18/2008 - 12/19/2008	.120	13.0	7.07	420.0
2/3/2009 - 2/13/2009	<.100	13.0	7.24	420.0
3/25/2009 - 3/26/2009	<.100	12.0	6.67	421.0
4/15/2009 - 4/16/2009	<.100	13.0	6.84	411.0
5/28/2009 - 5/29/2009	<.100	11.0	7.35	391.0
6/24/2009 - 6/25/2009	.100	11.0	7.10	389.0
7/29/2009 - 8/1/2009	<.100	11.0	5.92	395.0
8/28/2009 - 8/29/2009	<.100	12.0	6.05	407.0
9/29/2009 - 9/30/2009	<.100	13.0	5.98	415.0
10/20/2009 - 10/26/2009	<.100	11.0	6.51	395.0
11/23/2009 - 11/25/2009	<.100	11.0	6.67	384.0
12/17/2009 - 12/18/2009	<.100	12.0	6.78	396.0
1/26/2010 - 2/4/2010	<.100 *	14.0 *	6.91 *	402.0 *
2/15/2010 - 2/17/2010	.088	14.0	7.16	398.0
3/3/2010 - 3/4/2010	.063	14.0	7.08	418.0
4/7/2010 - 4/8/2010	<.100	12.0	6.81	423.0
5/5/2010 - 5/6/2010	<.100	13.0	7.81	388.0
6/15/2010 - 6/16/2010	<.100	24.0	7.11	418.0
7/12/2010 - 7/16/2010	<.100	12.0	7.05	388.0
8/10/2010 - 8/11/2010	<.100	11.0	7.00	384.0
8/31/2010 - 9/2/2010	<.100	12.0	7.15	390.0
9/29/2010 - 9/30/2010	<.100	11.0	6.91	380.0
11/3/2010 - 11/4/2010	<.100	11.0	6.99	392.0
12/2/2010 - 12/3/2010	<.100	14.0	7.03	426.0

* - 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)
1/19/2011 - 1/21/2011	<.100	15.0	7.05	432.0
2/7/2011 - 2/8/2011	<.100	16.0	7.06	439.0
3/3/2011 - 3/4/2011	<.100	17.0	7.08	470.0
4/5/2011 - 4/6/2011	<.100	17.0	7.19	427.0
5/10/2011 - 5/11/2011	<.100	11.0	7.06	316.0
6/1/2011 - 6/2/2011	<.100	11.0	7.00	362.0
7/12/2011 - 7/14/2011	<.100	11.0	7.08	350.0
8/3/2011 - 8/4/2011	<.100	12.0	7.06	368.0
9/7/2011 - 9/8/2011	<.100	12.0	7.20	381.0
10/5/2011 - 10/6/2011	<.100	13.0	7.28	382.0
11/1/2011 - 11/2/2011	<.100	12.0	7.22	377.0
12/7/2011 - 12/8/2011	<.100	12.0	7.31	366.0
1/4/2012 - 1/6/2012	<.100	13.0	7.29	358.0
2/1/2012 - 2/2/2012	<.100	13.0	7.06	361.0
3/6/2012 - 3/7/2012	<.100	14.0	7.34	373.0
4/5/2012 - 4/6/2012	<.100	13.0	7.58	350.0
5/1/2012 - 5/10/2012	<.100	13.0	7.78	343.0
6/5/2012 - 6/6/2012	.160	14.0	7.87	373.0
7/9/2012 - 7/12/2012	<.100	15.0	7.21	410.0
8/9/2012 - 8/10/2012	<.100	15.0	7.21	412.0
9/4/2012 - 9/5/2012	<.100	15.0	6.90	407.0
10/3/2012 - 10/8/2012	<.100	14.0	7.35	416.0
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
2/12/2014 - 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
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
8/4/2015 - 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

* - 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)
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
5/16/2017	<.100	17.0	6.77	598.0
6/6/2017 - 6/7/2017	<.100	16.0	7.09	520.0
7/18/2017 - 7/21/2017	<.100	16.0	6.71	567.0
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
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
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 - 1/23/2020	<.100	15.5	6.54	502.7
1/24/2020 - 2/3/2020	<1.000	15.7	6.57	500.6
2/3/2020 - 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 - 9/3/2020	<.100	16.1	6.44	577.0
10/5/2020 - 10/7/2020	<.100	16.4	6.40 *	601.0 *

* - 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)
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
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
12/6/2023 - 12/8/2023	.106	25.8	6.37	1085.0
1/11/2024 - 1/21/2024	.191	22.1	6.42	744.0
2/1/2024 - 2/2/2024	.298	22.0	6.57	708.0

* - 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)
7/18/2006 - 7/21/2006	<.100	14.0	7.53 *	196.0 *
9/20/2006 - 9/28/2006	<.100	14.0	7.85 *	382.0 *
10/24/2006 - 11/3/2006	<.100	14.0	7.91 *	395.0 *
11/20/2006 - 11/21/2006	<.100	15.0	7.78 *	393.0 *
12/21/2006 - 12/22/2006		15.0	7.10 *	487.0 *
1/8/2007 - 1/16/2007			7.33 *	516.0 *
1/16/2007 - 1/26/2007	<.100	13.0	7.31 *	442.0 *
2/7/2007			7.38	533.0
2/24/2007 - 2/27/2007		15.0	7.38 *	533.0 *
3/26/2007 - 3/27/2007	<.100	14.0	6.77 *	418.0 *
4/23/2007 - 4/27/2007	<.100	13.0	7.02 *	651.0 *
5/31/2007 - 6/1/2007	<.100	13.0	7.29 *	621.0 *
6/28/2007	<.100	12.0	6.93 *	430.0 *
7/10/2007 - 7/13/2007	<.100	13.0	6.61 *	437.0 *
8/24/2007 - 8/29/2007	<.100	12.0	7.38 *	415.0 *
9/27/2007 - 9/28/2007	<.100	13.0	7.37	412.0
10/23/2007 - 10/24/2007	<.100	13.0	8.97	410.0
11/27/2007 - 11/28/2007	<.100	12.0	6.41 *	445.0 *
12/27/2007 - 12/28/2007	<.100	12.0	6.69 *	471.7 *
1/22/2008 - 1/26/2008	<.100	12.0	7.38	469.0
2/27/2008 - 2/28/2008	<.100	13.0	7.22	473.0
3/24/2008 - 3/25/2008	<.100	13.0	6.84 *	435.0 *
5/2/2008 - 5/3/2008	<.100	15.0	7.29 *	377.0 *
5/29/2008 - 5/30/2008		12.0	7.32 *	483.5 *
6/25/2008 - 6/26/2008	<.100	12.0	6.89 *	430.5 *
7/21/2008 - 7/24/2008	<.100	13.0	6.65	392.0
8/29/2008	<.100	15.0	7.13	393.0
9/25/2008 - 10/1/2008	<.100	14.0	7.15 *	520.0 *
10/21/2008 - 10/22/2008	<.100	13.0	6.82	396.0
11/24/2008 - 11/25/2008	<.100	12.0	7.01	407.0
12/18/2008 - 12/19/2008	.160	13.0	7.12	426.0
2/3/2009 - 2/13/2009	<.100	12.0	6.98	404.0
3/25/2009 - 3/26/2009	<.100	11.0	6.57	406.0
5/28/2009 - 5/29/2009	<.100	12.0	7.56	427.0
6/24/2009 - 6/25/2009	.100	13.0	7.04	518.0
7/29/2009 - 8/1/2009	<.100	12.0	5.94	386.0
8/28/2009 - 8/29/2009	<.100	11.0	5.97	392.0
9/29/2009 - 9/30/2009	<.100	12.0	5.86	402.0
10/20/2009 - 10/26/2009	<.100	11.0	6.47	395.0
11/23/2009 - 11/25/2009	<.100	11.0	6.61	378.0
12/17/2009 - 12/18/2009	<.100	11.0	6.65	382.0
1/26/2010 - 2/4/2010	<.100 *	11.0 *	6.71 *	369.0 *
2/15/2010 - 2/17/2010	.085	11.0	6.98	381.0
3/3/2010 - 3/4/2010	<.100	12.0	6.99	396.0
4/7/2010 - 4/8/2010	<.100	11.0	6.95	455.0
5/5/2010 - 5/6/2010	<.100	12.0	7.85	403.0
6/15/2010 - 6/16/2010	<.100	9.5	7.30	540.0
7/12/2010 - 7/16/2010	<.100	12.0	7.03	434.0
8/10/2010 - 8/11/2010	<.100	12.0	6.97	412.0
8/31/2010 - 9/2/2010	<.100	13.0	7.27	476.0
9/29/2010 - 9/30/2010	<.100	12.0	6.99	436.0
11/3/2010 - 11/4/2010	<.100	10.0	7.02	414.0
12/2/2010 - 12/3/2010	<.100	12.0	7.00	426.0
1/19/2011 - 1/21/2011	<.100	11.0	7.02	423.0
2/7/2011 - 2/8/2011	<.100	11.0	7.15	461.0

* - 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)
3/3/2011 - 3/4/2011	<.100	11.0	7.04	448.0
4/5/2011 - 4/6/2011	.110	12.0	7.24	416.0
5/10/2011 - 5/11/2011	<.100	12.0	7.15	380.0
6/1/2011 - 6/2/2011	<.100	12.0	7.06	424.0
7/12/2011 - 7/14/2011	<.100	12.0	6.97	373.0
8/3/2011 - 8/4/2011	<.100	13.0	7.05	397.0
9/7/2011 - 9/8/2011	<.100	12.0	7.20	414.0
10/5/2011 - 10/6/2011	<.100	13.0	7.30	429.0
11/1/2011 - 11/2/2011	<.100	11.0	7.23	403.0
12/7/2011 - 12/8/2011	<.100	12.0	7.41	405.0
1/4/2012 - 1/6/2012	<.100	12.0	7.28	394.0
2/1/2012 - 2/2/2012	<.100	12.0	7.26	401.0
3/6/2012 - 3/7/2012	<.100	12.0	7.40	411.0
4/5/2012 - 4/6/2012	<.100	13.0	7.57	389.0
5/1/2012 - 5/10/2012	<.100	13.0	7.93	418.0
6/5/2012 - 6/6/2012	<.100	13.0	7.84	406.0
7/9/2012 - 7/12/2012	<.100	12.0	7.25	422.0
8/9/2012 - 8/10/2012	<.100	12.0	7.47	435.0
9/4/2012 - 9/5/2012	<.100	12.0	7.08	428.0
10/3/2012 - 10/8/2012	<.100	13.0	7.49	456.0
11/6/2012 - 11/8/2012	<.100 *	13.0 *	7.51 *	428.0 *
12/6/2012	<.100 *	13.0 *	7.02 *	422.0 *
1/23/2013	<.100 *	13.0 *	7.16 *	429.0 *
2/5/2013	<.100 *	13.0 *	7.21 *	436.0 *
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
2/12/2014 - 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
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
8/4/2015 - 8/5/2015	<.100	12.0	7.37	879.0
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

* - 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)
12/3/2015 - 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 - 5/5/2017	<.100 *	13.5 *	6.95 *	638.0 *
6/6/2017 - 6/7/2017	<.100	13.0	6.90	531.0
7/18/2017 - 7/21/2017	<.100	14.0	6.62	466.0
8/1/2017 - 8/2/2017	<.100	13.0	7.22	520.0
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
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 - 1/23/2020	<.100	13.4	6.21	547.2
2/3/2020 - 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

* - 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)
9/1/2020 - 9/3/2020	<.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 *
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
12/6/2023 - 12/8/2023	<.100	17.4	6.23	1020.0
1/4/2024 - 1/11/2024	<.100	17.4	6.13	720.0
2/1/2024 - 2/2/2024	.345	18.4	6.39	694.0

* - 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)
7/18/2006 - 7/21/2006			8.11 *	398.0 *
7/21/2006 - 7/31/2006			7.66	330.0
7/31/2006 - 8/2/2006	<.100	13.0	7.66 *	330.0 *
9/20/2006 - 9/28/2006	<.100	11.0	7.99 *	323.0 *
10/24/2006 - 11/3/2006	<.100	12.0	8.11 *	318.0 *
11/20/2006 - 11/21/2006	<.100	12.0	8.18 *	208.0 *
12/21/2006 - 12/22/2006		12.0	7.17 *	435.0 *
1/8/2007 - 1/16/2007			7.09 *	426.0 *
1/16/2007 - 1/26/2007	<.100	11.0	7.58 *	426.0 *
2/7/2007			7.46	431.0
2/24/2007 - 2/27/2007	<.100	16.0	7.46 *	431.0 *
3/26/2007 - 3/27/2007	<.100	12.0	7.11 *	442.0 *
4/23/2007 - 4/27/2007	<.100	11.0	6.84 *	618.0 *
5/31/2007 - 6/1/2007	<.100	13.0	7.11 *	621.0 *
6/28/2007	<.100	11.0	7.18 *	419.0 *
7/10/2007 - 7/13/2007	<.100	10.0	6.84 *	405.0 *
8/24/2007 - 8/29/2007	<.100	9.2	7.22 *	391.0 *
9/27/2007 - 9/28/2007	<.100	11.0	7.62	405.0
10/23/2007 - 10/24/2007	<.100	10.0	9.70	387.0
11/27/2007 - 11/28/2007	<.100	10.0	6.34 *	389.5 *
12/27/2007 - 12/28/2007	<.100	11.0	6.62 *	397.8 *
1/22/2008 - 1/26/2008	<.100	11.0	7.20	406.0
2/27/2008 - 2/28/2008	<.100	10.0	7.23	428.0
3/24/2008 - 3/25/2008	<.100	11.0	6.79 *	378.0 *
5/2/2008 - 5/3/2008	<.100	10.0	7.15 *	342.5 *
5/29/2008 - 5/30/2008		11.0	7.14 *	399.0 *
6/25/2008 - 6/26/2008	<.100	11.0	6.96 *	377.5 *
7/21/2008 - 7/24/2008	<.100	11.0	6.77	388.0
9/25/2008 - 10/1/2008	<.100	10.0	7.05 *	398.0 *
10/21/2008 - 10/22/2008	<.100	11.0	6.89	390.0
11/24/2008 - 11/25/2008	<.100	10.0	6.87	388.0
12/18/2008 - 12/19/2008	.120	11.0	7.12	399.0
2/3/2009 - 2/13/2009	<.100	10.0	7.26	392.0
3/25/2009 - 3/26/2009	<.100	9.9	6.75	406.0
4/15/2009 - 4/16/2009	<.100	10.0	6.39	384.0
5/28/2009 - 5/29/2009	<.100	9.9	7.25	381.0
6/24/2009 - 6/25/2009	.100	10.0	7.05	386.0
7/29/2009 - 8/1/2009	<.100	10.0	6.34	384.0
8/28/2009 - 8/29/2009	<.100	10.0	5.97	384.0
9/29/2009 - 9/30/2009	<.100	10.0	5.83	387.0
10/20/2009 - 10/26/2009	<.100	9.8	6.36	378.0
11/23/2009 - 11/25/2009	<.100	9.9	6.55	362.0
12/17/2009 - 12/18/2009	<.100	10.0	6.63	373.0
1/26/2010 - 2/4/2010	<.100	10.0	6.78	370.0
2/15/2010 - 2/17/2010	.150	10.0	6.91	361.0
3/3/2010 - 3/4/2010	<.100	9.8	6.82	364.0
4/7/2010 - 4/8/2010	<.100	9.3	6.68	388.0
5/5/2010 - 5/6/2010	<.100	9.9	7.78	362.0
6/15/2010 - 6/16/2010	<.100	20.0	6.77	384.0
7/12/2010 - 7/16/2010	<.100	9.6	6.74	363.0
8/10/2010 - 8/11/2010	<.100	9.8	6.72	370.0
8/31/2010 - 9/2/2010	<.100	10.0	6.88	374.0
9/29/2010 - 9/30/2010	<.100	10.0	6.68	376.0
11/3/2010 - 11/4/2010	<.100	9.0	6.69	376.0
12/2/2010 - 12/3/2010	<.100	11.0	6.76	400.0

* - 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)
1/19/2011 - 1/21/2011	<.100	11.0	6.82	404.0
2/7/2011 - 2/8/2011	.200	10.0	6.84	403.0
3/3/2011 - 3/4/2011	<.100	11.0	6.84	432.0
4/5/2011 - 4/6/2011	<.100	11.0	6.99	397.0
5/10/2011 - 5/11/2011	<.100	9.6	6.77	335.0
6/1/2011 - 6/2/2011	<.100	9.7	6.67	381.0
7/12/2011 - 7/14/2011	<.100	10.0	6.72	371.0
8/3/2011 - 8/4/2011	<.100	11.0	6.83	384.0
9/7/2011 - 9/8/2011	<.100	11.0	6.84	388.0
10/5/2011 - 10/6/2011	.200	12.0	6.94	403.0
11/1/2011 - 11/2/2011	<.100	10.0	6.85	390.0
12/7/2011 - 12/8/2011	<.100	10.0	7.13	385.0
1/4/2012 - 1/6/2012	<.100	11.0	6.92	335.0
2/1/2012 - 2/2/2012	<.100	10.0	6.83	372.0
3/6/2012 - 3/7/2012	<.100	11.0	6.96	388.0
4/5/2012 - 4/6/2012	<.100	11.0	7.15	377.0
5/1/2012 - 5/10/2012	<.100	11.0	7.38	368.0
6/5/2012 - 6/6/2012	.130	11.0	7.94	388.0
7/9/2012 - 7/12/2012	<.100	12.0	7.03	439.0
8/9/2012 - 8/10/2012	<.100	11.0	7.21	445.0
9/4/2012 - 9/5/2012	.140	12.0	6.81	455.0
10/3/2012 - 10/8/2012	<.100	12.0	7.32	477.0
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
2/12/2014 - 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
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
8/4/2015 - 8/5/2015	<.100	12.0	7.38	821.0
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 *

* - 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)
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 - 5/5/2017	<.100	19.0	6.74	504.0
6/6/2017 - 6/7/2017	<.100	16.0	7.37	399.0
7/18/2017 - 7/21/2017	<.100	15.0	7.08	473.0
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
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 - 1/23/2020	<.100	15.0	6.67	440.3
2/3/2020 - 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 - 9/3/2020	<.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

* - 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)
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
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
12/6/2023 - 12/8/2023	<.100	14.9	6.76	810.0
1/4/2024 - 1/11/2024	<.100	19.8	6.33	658.0
2/1/2024 - 2/2/2024	.366	16.0	6.82	572.0

* - 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)
7/18/2006 - 7/21/2006	<.100	14.0	7.15 *	408.0 *
9/20/2006 - 9/28/2006	<.100	16.0	7.10 *	177.8 *
10/24/2006 - 11/3/2006	<.100	15.0	7.22 *	353.0 *
11/20/2006 - 11/21/2006	<.100	16.0	7.24 *	213.0 *
12/21/2006 - 12/22/2006		16.0	6.76 *	475.0 *
1/8/2007 - 1/16/2007			6.74 *	466.0 *
1/16/2007 - 1/26/2007	<.100	16.0	7.10 *	473.0 *
2/7/2007			7.04	488.0
2/24/2007 - 2/27/2007	<.100	18.0	7.04 *	488.0 *
3/26/2007 - 3/27/2007	<.100	16.0	6.63 *	499.0 *
4/23/2007 - 4/27/2007	<.100	16.0	6.29 *	662.0 *
5/31/2007 - 6/1/2007	<.100	17.0	6.29 *	706.0 *
6/28/2007	<.100	16.0	6.75 *	472.0 *
7/10/2007 - 7/13/2007	<.100	14.0	6.45 *	486.0 *
8/24/2007 - 8/29/2007	<.100	13.0	7.27 *	471.8 *
9/27/2007 - 9/28/2007	<.100	14.0	7.45 *	476.0 *
10/23/2007 - 10/24/2007	<.100	14.0	9.27	461.0
11/27/2007 - 11/28/2007	<.100	13.0	6.42 *	432.5 *
8/29/2008	<.100	13.0	6.98	501.0
9/25/2008 - 10/1/2008	<.100	12.0	6.99 *	501.0 *
10/21/2008 - 10/22/2008	<.100	13.0	7.13	499.0
11/24/2008 - 11/25/2008	<.100	12.0	7.13	499.0
12/18/2008 - 12/19/2008	.160	13.0	7.15	499.0
2/3/2009 - 2/13/2009	<.100	12.0	7.26	500.0
3/25/2009 - 3/26/2009	<.100	11.0	6.65	495.0
4/15/2009 - 4/16/2009	<.100	12.0	6.62	489.0
5/28/2009 - 5/29/2009	<.100	12.0	7.22	491.0
6/24/2009 - 6/25/2009	.100	12.0	7.08	491.0
7/29/2009 - 8/1/2009	<.100	12.0	6.02	493.0
8/28/2009 - 8/29/2009	<.100	12.0	6.08	494.0
9/29/2009 - 9/30/2009	<.100	12.0	5.97	494.0
10/20/2009 - 10/26/2009	<.100	12.0	6.64	492.0
11/23/2009 - 11/25/2009	<.100	12.0	6.77	476.0
12/17/2009 - 12/18/2009	<.100	12.0	6.93	489.0
1/26/2010 - 2/4/2010	<.100	12.0	7.00	469.0
2/15/2010 - 2/17/2010	.093	12.0	7.17	468.0
3/3/2010 - 3/4/2010	.032	12.0	7.00	482.0
4/7/2010 - 4/8/2010	<.100	12.0	6.92	503.0
5/5/2010 - 5/6/2010	<.100	12.0	7.99	468.0
6/15/2010 - 6/16/2010	<.100	11.0	7.10	503.0
7/12/2010 - 7/16/2010	<.100	12.0	7.07	487.0
8/10/2010 - 8/11/2010	<.100	12.0	7.05	497.0
8/31/2010 - 9/2/2010	<.100	12.0	7.21	495.0
9/29/2010 - 9/30/2010	<.100	12.0	6.98	494.0
11/3/2010 - 11/4/2010	<.100	10.0	7.03	491.0
12/2/2010 - 12/3/2010	<.100	12.0	7.01	508.0
1/19/2011 - 1/21/2011	<.100	12.0	7.06	494.0
2/7/2011 - 2/8/2011	.360	12.0	7.06	499.0
3/3/2011 - 3/4/2011	<.100	12.0	7.03	528.0
4/5/2011 - 4/6/2011	<.100	12.0	7.16	477.0
5/10/2011 - 5/11/2011	<.100	12.0	7.09	419.0
6/1/2011 - 6/2/2011	<.100	12.0	7.00	492.0
7/12/2011 - 7/14/2011	<.100	12.0	7.10	460.0
8/3/2011 - 8/4/2011	<.100	12.0	7.07	479.0
9/7/2011 - 9/8/2011	<.100	12.0	7.22	483.0

* - 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)
10/5/2011 - 10/6/2011	<.100	13.0	7.27	486.0
11/1/2011 - 11/2/2011	<.100	11.0	7.11	461.0
12/7/2011 - 12/8/2011	<.100	11.0	7.33	469.0
1/4/2012 - 1/6/2012	<.100	12.0	7.14	467.0
2/1/2012 - 2/2/2012	<.100	12.0	7.08	461.0
3/6/2012 - 3/7/2012	<.100	12.0	7.34	469.0
4/5/2012 - 4/6/2012	<.100	12.0	7.44	455.0
5/1/2012 - 5/10/2012	<.100	12.0	7.73	435.0
6/5/2012 - 6/6/2012	<.100	12.0	7.76	441.0
7/9/2012 - 7/12/2012	<.100	12.0	7.20	485.0
8/9/2012 - 8/10/2012	<.100	12.0	7.23	438.0
9/4/2012 - 9/5/2012	<.100	12.0	6.90	479.0
10/3/2012 - 10/8/2012	<.100	12.0	7.29	502.0
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
2/12/2014 - 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
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
8/4/2015 - 8/5/2015	<.100	12.0	7.51	916.0
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

* - 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)
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 - 5/5/2017	<.100	15.0	7.15	530.0
6/6/2017 - 6/7/2017	<.100	15.0	7.18	417.0
7/18/2017 - 7/21/2017	<.100	15.0	7.01	539.0
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
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 - 1/23/2020	<.100	15.7	6.82	508.5
2/3/2020 - 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 - 9/3/2020	<.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 *

* - 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)
8/3/2021 - 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
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
12/6/2023 - 12/8/2023	<.100	19.7	6.50	1000.0
1/11/2024 - 1/21/2024	<.100	22.8	6.49	747.0
2/1/2024 - 2/2/2024	.265	20.1	6.65	722.0

* - 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)
7/18/2006 - 7/21/2006	.230	17.0 *	7.03 *	464.0 *
9/20/2006 - 9/28/2006	.200	16.0	7.23 *	473.0 *
10/24/2006 - 11/3/2006	.170	17.0	7.37 *	447.0 *
11/20/2006 - 11/21/2006	.240	17.0	7.34 *	483.0 *
12/21/2006 - 12/22/2006		17.0	6.58 *	599.0 *
1/8/2007 - 1/16/2007			6.95 *	599.0 *
1/16/2007 - 1/26/2007	.180	17.0	6.93 *	597.0 *
2/7/2007			6.76	588.0
2/24/2007 - 2/27/2007	.150	14.0	6.76 *	588.0 *
3/26/2007 - 3/27/2007	.160	17.0	6.54 *	620.0 *
4/23/2007 - 4/27/2007	.150	16.0	6.24 *	849.0 *
5/31/2007 - 6/1/2007	.120	18.0	6.29 *	864.0 *
6/28/2007	.110	17.0	6.65 *	582.0 *
7/10/2007 - 7/13/2007	<.100	16.0	6.55 *	593.0 *
8/24/2007 - 8/29/2007	.170 *	17.0	7.10 *	567.6 *
9/27/2007 - 9/28/2007	.160	18.0	7.38 *	530.0 *
10/23/2007 - 10/24/2007	.120	17.0	9.00	506.0
11/27/2007 - 11/28/2007	.200	17.0	6.22 *	542.3 *
12/27/2007 - 12/28/2007	.190	17.0	6.34 *	545.5 *
1/22/2008 - 1/26/2008	.120	16.0	6.75	524.0
2/27/2008 - 2/28/2008	.180	17.0	6.87	607.0
3/24/2008 - 3/25/2008	.260	18.0	6.40 *	526.5 *
5/2/2008 - 5/3/2008	.160	18.0	6.97 *	490.0 *
5/29/2008 - 5/30/2008	.100	18.0	6.60 *	558.8 *
6/25/2008 - 6/26/2008	<.100	18.0	6.55 *	548.5 *
7/21/2008 - 7/24/2008	.180	18.0	6.54	579.0
8/29/2008	.160	18.0	6.57	575.0
9/25/2008 - 10/1/2008	.140 *	16.0	6.62 *	582.0 *
10/21/2008 - 10/22/2008	.260	18.0	6.65	557.0
11/24/2008 - 11/25/2008	.170	16.0	6.67	554.0
12/18/2008 - 12/19/2008	.240	18.0	6.58	540.0
2/3/2009 - 2/13/2009	.100	16.0	6.86	549.0
3/25/2009 - 3/26/2009	<.100	15.0	6.35	553.0
4/15/2009 - 4/16/2009	<.100	16.0	6.13	562.0
5/28/2009 - 5/29/2009	<.100	16.0	6.70	553.0
6/24/2009 - 6/25/2009	.110	17.0	6.79	560.0
7/29/2009 - 8/1/2009	<.100	16.0	5.74	552.0
8/28/2009 - 8/29/2009	<.100	16.0	5.68	571.0
9/29/2009 - 9/30/2009	<.100	16.0	5.69	568.0
10/20/2009 - 10/26/2009	<.100	16.0	6.40	590.0
11/23/2009 - 11/25/2009	.100	17.0	6.42	563.0
12/17/2009 - 12/18/2009	<.100	17.0	6.50	574.0
1/26/2010 - 2/4/2010	<.100	17.0	6.58	565.0
2/15/2010 - 2/17/2010	.120	17.0	6.79	578.0
3/3/2010 - 3/4/2010	.039	18.0	6.62	565.0
4/7/2010 - 4/8/2010	<.100	17.0	6.58	611.0
5/5/2010 - 5/6/2010	<.100	18.0	7.44	585.0
6/15/2010 - 6/16/2010	<.100	12.0	6.66	620.0
7/12/2010 - 7/16/2010	<.100	19.0	6.63	609.0
8/10/2010 - 8/11/2010	.100	18.0	6.58	623.0
8/31/2010 - 9/2/2010	<.100	18.0	6.73	620.0
9/29/2010 - 9/30/2010	<.100	18.0	6.57	626.0
11/3/2010 - 11/4/2010	<.100	17.0	6.57	629.0
12/2/2010 - 12/3/2010	<.100	19.0	6.59	652.0
1/19/2011 - 1/21/2011	.100	19.0	6.61	644.0

* - 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)
2/7/2011 - 2/8/2011	.120	18.0	6.62	646.0
3/3/2011 - 3/4/2011	.110	19.0	6.64	694.0
4/5/2011 - 4/6/2011	.410	19.0	6.71	628.0
5/10/2011 - 5/11/2011	.120	20.0	6.51	552.0
6/1/2011 - 6/2/2011	<.100	19.0	6.53	653.0
7/12/2011 - 7/14/2011	.150	19.0	6.60	622.0
8/3/2011 - 8/4/2011	.250	20.0	6.47	642.0
9/7/2011 - 9/8/2011	.120	19.0	6.62	649.0
10/5/2011 - 10/6/2011	.170	20.0	6.67	652.0
11/1/2011 - 11/2/2011	.160	18.0	6.61	620.0
12/7/2011 - 12/8/2011	.170	19.0	6.77	632.0
1/4/2012 - 1/6/2012	.210	19.0	6.71	622.0
2/1/2012 - 2/2/2012	.110	18.0	6.64	611.0
3/6/2012 - 3/7/2012	.120	18.0	6.75	621.0
4/5/2012 - 4/6/2012	.140	18.0	6.84	593.0
5/1/2012 - 5/10/2012	.100	18.0	7.11	571.0
6/5/2012 - 6/6/2012	.220	18.0	7.10	588.0
7/9/2012 - 7/12/2012	.120	19.0	6.55	638.0
8/9/2012 - 8/10/2012	<.100	17.0	6.77	638.0
9/4/2012 - 9/5/2012	.200	18.0	6.37	666.0
10/3/2012 - 10/8/2012	.140	18.0	6.68	685.0
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
2/12/2014 - 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
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
8/4/2015 - 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

* - 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)
4/5/2016 - 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 - 5/5/2017	<.100	69.0	6.56	715.0
5/16/2017	<.100	70.0	6.47	760.0
6/6/2017 - 6/7/2017	<.100	72.0	6.86	723.0
7/18/2017 - 7/21/2017	<.100	78.0	6.66	816.0
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
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 - 1/23/2020	<.100	38.9	6.05	556.2
2/3/2020 - 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 - 9/3/2020	<.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

* - 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)
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
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
12/6/2023 - 12/8/2023	<.100	33.6	6.26	986.0
1/4/2024 - 1/11/2024	<.100	33.6	6.15	771.0
2/1/2024 - 2/2/2024	.323	34.1	6.47	759.0

* - 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	<.100 *	30.5 *	7.22 *	830.0 *
7/7/2015 - 7/16/2015	<.100	<3.0	7.20	807.0
8/4/2015 - 8/5/2015	<.100	28.0	7.92	930.0
9/2/2015 - 9/3/2015	<.100	29.0	8.73	856.0
10/5/2015 - 10/6/2015	<.100	24.0	8.59	835.0
11/4/2015 - 11/5/2015	<.100	22.0	8.07	768.0
12/3/2015 - 12/4/2015	<.100	35.0	8.72	496.0
1/5/2016 - 1/8/2016	<.100	45.0	7.32	407.0
2/3/2016 - 2/11/2016	<.100	31.0	7.81	372.0
3/2/2016 - 3/3/2016	<.100	42.0	7.37	425.0
4/5/2016 - 4/6/2016	<.100	32.0	7.25	431.0
5/11/2016 - 5/12/2016	<.100	27.0	6.27	413.0
6/1/2016 - 6/2/2016	<.100	31.0	6.30	412.0
7/19/2016 - 7/22/2016	<.100	41.0	6.06	378.0
8/10/2016 - 8/11/2016	<.100	34.0	6.76	375.0
9/6/2016 - 9/7/2016	<.100	36.0	6.31	346.0
10/5/2016 - 10/7/2016	<.100 *	31.0 *	6.75	354.0
11/2/2016 - 11/3/2016	<.100	31.0	6.05	340.0
12/1/2016 - 12/2/2016	<.100	32.0	6.26	522.0
1/10/2017 - 1/13/2017	<.100	25.0	6.48	408.0
2/7/2017 - 2/8/2017	<.100	29.0	6.55	399.0
3/1/2017 - 3/3/2017	<.100	20.0	6.90	455.0
4/4/2017 - 4/6/2017	<.100	30.0	6.88	421.0
5/2/2017 - 5/5/2017	<.100	35.0	7.22	471.0
6/6/2017 - 6/7/2017	<.100	40.0	7.40	455.0
7/18/2017 - 7/21/2017	<.100	42.0	6.51	437.0
8/1/2017 - 8/2/2017	<.100	42.0	6.35	412.0
9/5/2017 - 9/6/2017	<.100	41.0	6.30	460.0
10/5/2017 - 10/9/2017	<.100	40.0	7.08	549.0
11/1/2017 - 11/2/2017	<.100	43.0	7.22	564.0
1/23/2018 - 1/26/2018	<.100	46.0	6.88	485.1
2/21/2018 - 2/23/2018	<.100	41.0	6.92	568.0
3/19/2018 - 3/22/2018	<.100	48.0	66.40	434.2
4/9/2018 - 4/11/2018	<.100	54.0	6.75	523.0
6/4/2018 - 6/6/2018	<.100	54.0	6.59	470.0
7/10/2018 - 7/18/2018	<.100	51.0	6.93	556.0
8/1/2018 - 8/2/2018	<.100	52.0	6.48	513.0
9/4/2018 - 9/6/2018	<.100	57.0	6.74	552.0
10/1/2018 - 10/4/2018	<.100	51.0	6.14 *	549.0 *
11/6/2018 - 11/8/2018	<.100	44.0	6.70	533.3
12/4/2018 - 12/5/2018	<.100	44.0	6.74	464.2
1/2/2019 - 1/7/2019	<.100	41.0	6.80	469.8
2/4/2019 - 2/6/2019	<.100	52.0	6.55	424.0
3/4/2019 - 3/6/2019	<.100	52.0	6.74	468.0
4/2/2019 - 4/3/2019	<.100	51.0	6.54	536.1
5/1/2019 - 5/9/2019	<.100	50.0	6.74	460.5
6/3/2019 - 6/5/2019	.140	44.0	6.55	483.2
7/8/2019 - 7/11/2019	<.100 *	47.0 *	6.65 *	477.0 *
8/5/2019 - 8/8/2019	<.100	42.0	6.82	434.2
9/3/2019 - 9/5/2019	<.100	47.0	6.29	437.5
9/30/2019 - 10/3/2019	<.100	37.0	6.89	455.3
11/5/2019 - 11/6/2019	<.100	41.0	6.42	438.5
12/2/2019 - 12/12/2019	<.100	47.0	6.99	517.0
1/13/2020 - 1/23/2020	<.100	40.4	6.60	406.3
2/3/2020 - 2/4/2020	<1.000	32.9	6.71	425.7

* - 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)
3/2/2020 - 3/4/2020	<.100	36.1	6.93	563.9
4/1/2020 - 4/3/2020	<.100	32.3	6.58	449.6
5/4/2020 - 5/5/2020	<.100	35.5	6.43	453.2
6/1/2020 - 6/3/2020	<.100	20.6	6.85	591.8
7/6/2020 - 7/9/2020	<.100	36.1	6.86 *	519.5 *
8/3/2020	<.100	40.8 *	6.69 *	641.0 *
9/1/2020 - 9/3/2020	<.100	35.8	6.20	452.6
10/5/2020 - 10/7/2020	<.100	29.6	6.26	397.0
11/2/2020 - 11/5/2020	<.100	23.2	6.76	399.8
12/1/2020 - 12/4/2020	<.100	25.2	6.45	363.2
1/13/2021 - 1/18/2021	<.100 *	26.0 *	6.14 *	317.5 *
2/9/2021 - 2/11/2021	<.100	24.8	6.62	417.0
3/2/2021 - 3/3/2021	<.100	19.6	6.58	384.0
4/6/2021 - 4/9/2021	<.100	27.9	6.52	434.0
5/4/2021 - 5/5/2021	<.100	15.8	6.57	336.0
6/1/2021 - 6/2/2021	<.100	27.1	6.58	493.0
7/1/2021 - 7/9/2021	<.100 *	31.4 *	6.38 *	433.0 *
8/3/2021 - 8/4/2021	<.100	33.2	6.54	453.0
9/1/2021 - 9/2/2021	<.100	35.7	6.46	463.0
10/4/2021 - 10/7/2021	<.100	35.6	6.54 *	478.0 *
11/1/2021 - 11/2/2021	<.100	34.4	6.40	506.0
12/8/2021 - 12/9/2021	<.100	33.5	6.52	493.0
1/12/2022 - 1/19/2022	<.100	35.3 *	6.52 *	495.0 *
2/9/2022 - 2/10/2022	<.100	34.5	6.55	494.0
3/1/2022 - 3/5/2022	<.100	35.6	6.49	489.0
4/4/2022 - 4/6/2022	<.100	36.0	6.39	492.0
5/6/2022 - 5/7/2022	<.100	17.6	6.86	341.0
6/2/2022 - 6/3/2022	<.100	40.9	6.08	540.0
7/9/2022 - 7/13/2022	<.100	39.5	6.07	479.0
8/9/2022 - 8/10/2022	<.100	37.9	6.05	518.0
9/7/2022 - 9/8/2022	<.100	37.8	6.12	527.0
10/5/2022 - 10/7/2022	<.100	35.0	5.77 *	538.0 *
11/2/2022 - 11/3/2022	<.100	34.5	6.35	541.0
12/6/2022 - 12/7/2022	<.100	36.4	6.26	660.0
1/3/2023 - 1/11/2023	<.100	40.5	6.56	532.0
2/3/2023 - 2/4/2023	<.100	38.0	6.45	1046.0
3/1/2023 - 3/2/2023	<.100	39.1	6.24	563.0
4/4/2023 - 4/8/2023	<.100	37.3	6.16	519.0
5/9/2023 - 5/11/2023	<.100	37.2	6.18	494.0
6/7/2023 - 6/8/2023	<.100	37.7	5.81	526.0
7/5/2023 - 7/10/2023	<.100	35.7	6.23	581.0
8/1/2023 - 8/3/2023	<.100	37.6	4.04	576.0
9/1/2023 - 9/2/2023	<.100	36.8	6.52	687.0
10/2/2023 - 10/6/2023	<.100	39.3	6.42	702.0
11/1/2023 - 11/5/2023	<.100	39.9	6.43	815.0
12/6/2023 - 12/8/2023	<.100	39.8	6.40	768.0
1/4/2024 - 1/11/2024	<.100	40.3	6.27	669.0
2/1/2024 - 2/2/2024	.275	42.0	6.61	616.0

* - 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	<.100 *	9.70 *	5.33 *	631.0 *
7/7/2015 - 7/16/2015	<.100	11.00	7.91	648.0
7/16/2015 - 7/22/2015	<.100	11.00	7.91	648.0
8/4/2015 - 8/5/2015	<.100	9.60	7.72	726.0
9/2/2015 - 9/3/2015	<.100	13.00	7.78	756.0
10/5/2015 - 10/6/2015	<.100	12.00	8.66	747.0
11/4/2015 - 11/5/2015	<.100	13.00	8.17	706.0
12/3/2015 - 12/4/2015	<.100	12.00	8.67	426.0
1/5/2016 - 1/8/2016	<.100	8.20	7.84	398.0
2/3/2016 - 2/11/2016	<.100	9.90	8.23	388.0
3/2/2016 - 3/3/2016	<.100	9.10	7.67	395.0
4/5/2016 - 4/6/2016	<.100	9.80	7.83	400.0
5/11/2016 - 5/12/2016	<.100	14.00	6.74	442.0
6/1/2016 - 6/2/2016	<.100	16.00	8.50	475.0
7/19/2016 - 7/22/2016	<.100	9.70	7.28	369.0
8/10/2016 - 8/11/2016	<.100	7.40	7.58	335.0
9/6/2016 - 9/7/2016	<.100	13.00	6.99	362.0
10/5/2016 - 10/7/2016	<.100 *	8.15 *	7.92	298.0
11/2/2016 - 11/3/2016	<.100	12.00	7.00	312.0
12/1/2016 - 12/2/2016	<.100	5.60	6.73	370.0
1/10/2017 - 1/13/2017	<.100	11.00	6.56	390.0
2/7/2017 - 2/8/2017	<.100	12.00	6.73	290.0
3/1/2017 - 3/3/2017	<.100	13.00	6.79	467.0
4/4/2017 - 4/6/2017	<.100	18.00	7.62	521.0
5/2/2017 - 5/5/2017	<.100	14.00	7.65	501.0
6/6/2017 - 6/7/2017	<.100	9.80	7.55	387.0
7/18/2017 - 7/21/2017	<.100	10.00	6.90	405.0
8/1/2017 - 8/2/2017	<.100	10.00	7.02	395.0
9/5/2017 - 9/6/2017	<.100	9.20	7.12	373.0
10/5/2017 - 10/9/2017	<.100	8.30	7.27	423.0
11/1/2017 - 11/2/2017	.130	7.00	7.62	412.0
1/23/2018 - 1/26/2018	<.100	5.30	7.44	326.0
2/21/2018 - 2/23/2018	<.100	4.70	7.99	347.0
3/19/2018 - 3/22/2018	<.100	5.10	7.31	287.3
4/9/2018 - 4/11/2018	<.100	6.00	7.26	349.5
6/4/2018 - 6/6/2018	<.100	6.00	7.31	325.0
7/10/2018 - 7/18/2018	<.100	5.30	7.45	361.0
8/1/2018 - 8/2/2018	<.100	5.00	7.11	327.0
9/4/2018 - 9/6/2018	<.100	5.10	7.43	350.0
10/1/2018 - 10/4/2018	<.100	4.10	7.06	341.0
11/6/2018 - 11/8/2018	<.100	3.80	7.26	325.4
12/4/2018 - 12/5/2018	.120	4.20	7.28	292.5
1/2/2019 - 1/7/2019	<.100	4.10	7.01	318.0
2/4/2019 - 2/6/2019	<.100	4.10	7.23	253.0
3/4/2019 - 3/6/2019	<.100	4.30	7.39	290.0
4/2/2019 - 4/3/2019	<.100	4.10	7.31	338.0
5/1/2019 - 5/9/2019	<.100	4.50	7.46	302.0
6/3/2019 - 6/5/2019	.190	3.70	7.32	330.5
7/8/2019 - 7/11/2019	<.100 *	3.60 *	7.41 *	358.0 *
8/5/2019 - 8/8/2019	<.100	3.80	7.31	330.8
9/3/2019 - 9/5/2019	<.100	4.30	7.30	331.0
9/30/2019 - 10/3/2019	<.100	3.70	7.55	332.0
11/5/2019 - 11/6/2019	<.100	4.20	7.40	333.2
12/2/2019 - 12/12/2019	<.100	4.10	7.46	278.9
1/13/2020 - 1/23/2020	<.100	11.20	7.81	285.6

* - 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)
2/3/2020 - 2/4/2020	<1.000	4.79	7.53	289.1
3/2/2020 - 3/4/2020	<.100	4.55	7.49	295.4
4/1/2020 - 4/3/2020	<.100	4.30	7.30	291.1
5/4/2020 - 5/5/2020	<.100	4.01	7.28	312.1
6/1/2020 - 6/3/2020	<.100	4.14	7.05	335.4
7/6/2020 - 7/9/2020	<.100	4.32	7.34 *	296.3 *
8/3/2020	<.100	4.42 *	7.28 *	349.8 *
9/1/2020 - 9/3/2020	<.100	4.28	7.30	320.6
10/5/2020 - 10/7/2020	<.100	3.94	7.27	293.4
11/2/2020 - 11/5/2020	<.100	3.83	7.48	300.1
12/1/2020 - 12/4/2020	<.100	3.85	7.45	310.5
1/13/2021 - 1/18/2021	<.100 *	4.20 *	7.06 *	256.7 *
2/9/2021 - 2/11/2021	<.100	3.90	7.48	340.2
3/2/2021 - 3/3/2021	<.100	3.85	7.34	348.0
4/6/2021 - 4/9/2021	<.100	3.89	7.39	342.0
5/4/2021 - 5/5/2021	<.100	4.06	7.33	351.0
6/1/2021 - 6/2/2021	<.100	4.24	7.19	352.0
7/1/2021 - 7/9/2021	<.100 *	4.36 *	7.33 *	362.0 *
8/3/2021 - 8/4/2021	<.100	4.27	7.43	352.0
9/1/2021 - 9/2/2021	<.100	4.63	7.38	359.0
10/4/2021 - 10/7/2021	<.100	3.97	7.41	338.0
11/1/2021 - 11/2/2021	<.100	3.72	7.24	342.0
12/8/2021 - 12/9/2021	<.100	3.46	7.39	331.0
1/12/2022 - 1/19/2022	<.100	4.12 *	7.43 *	341.0 *
2/9/2022 - 2/10/2022	<.100	4.33	7.44	349.0
3/1/2022 - 3/5/2022	<.100	3.90	7.36	345.0
4/4/2022 - 4/6/2022	<.100	3.52	7.25	355.0
5/6/2022 - 5/7/2022	<.100	4.10	7.34	378.0
6/2/2022 - 6/3/2022	<.100	4.60	7.04	405.0
7/9/2022 - 7/13/2022	.150	4.70	7.01	380.0
8/9/2022 - 8/10/2022	<.100	4.46	6.88	382.0
9/7/2022 - 9/8/2022	<.100	4.21	6.97	367.0
10/5/2022 - 10/7/2022	<.100	3.81	6.58	357.0
11/2/2022 - 11/3/2022	<.100	3.76	7.19	362.0
12/6/2022 - 12/7/2022	<.100	3.86	7.09	416.0
1/3/2023 - 1/11/2023	<.100	4.59	7.35	344.0
2/3/2023 - 2/4/2023	<.100	4.08	7.13	668.0
3/1/2023 - 3/2/2023	<.100	4.49	6.98	366.0
4/4/2023 - 4/8/2023	<.100	3.80	6.80	341.0
5/9/2023 - 5/11/2023	<.100	4.20	6.95	346.0
6/7/2023 - 6/8/2023	<.100	4.45	6.74	368.0
7/5/2023 - 7/10/2023	<.100	4.08	7.04	380.0
8/1/2023 - 8/3/2023	<.100	4.21	4.87	374.0
9/1/2023 - 9/2/2023	<.100	3.98	7.35	427.0
10/2/2023 - 10/6/2023	<.100	4.05	7.20	449.0
11/1/2023 - 11/5/2023	<.100	3.81	7.21	495.0
12/6/2023 - 12/8/2023	<.100	4.01	7.09	481.0
1/4/2024 - 1/11/2024	<.100	3.94	7.06	381.0
2/1/2024 - 2/2/2024	.414	4.15	7.26	352.0

* - 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	<.100 *	25.00 *	7.13 *	600.0 *
7/7/2015 - 7/16/2015	<.100	23.00	7.10	541.0
8/4/2015 - 8/5/2015	<.100	25.00	7.17	552.0
9/2/2015 - 9/3/2015	<.100	25.00	7.21	576.0
10/5/2015 - 10/6/2015	<.100	18.00	7.68	559.0
11/4/2015 - 11/5/2015	<.100	23.00	8.28	626.0
12/3/2015 - 12/4/2015	<.100	24.00	8.91	315.0
1/5/2016 - 1/8/2016	<.100	6.50	7.21	654.0
2/3/2016 - 2/11/2016	<.100	10.00	7.42	671.0
3/2/2016 - 3/3/2016	<.100	17.00	7.38	278.0
4/5/2016 - 4/6/2016	<.100	12.00	7.32	263.0
5/11/2016 - 5/12/2016	<.100	18.00	7.96	365.0
6/1/2016 - 6/2/2016	<.100	19.00	7.47	350.0
7/19/2016 - 7/22/2016	<.100	15.00	6.90	267.0
8/10/2016 - 8/11/2016	<.100	17.00	7.84	337.0
9/6/2016 - 9/7/2016	<.100	19.00	6.90	307.0
10/5/2016 - 10/7/2016	<.100 *	17.00 *	7.33	404.0
11/2/2016 - 11/3/2016	<.100	19.00	7.51	363.0
12/1/2016 - 12/2/2016	<.100	18.00	6.53	430.0
1/10/2017 - 1/13/2017	<.100	18.00	6.62	434.0
2/7/2017 - 2/8/2017	<.100	18.00	6.97	370.0
3/1/2017 - 3/3/2017	<.100	15.00	6.74	444.0
4/4/2017 - 4/6/2017	<.100	19.00	7.36	434.0
5/2/2017 - 5/5/2017	<.100		7.40	408.0
5/16/2017		9.50	7.26	315.0
6/6/2017 - 6/7/2017	<.100	17.00	7.56	384.0
7/18/2017 - 7/21/2017	<.100	19.00	7.20	409.0
8/1/2017 - 8/2/2017	<.100	19.00	7.32	266.0
9/5/2017 - 9/6/2017	<.100	23.00	7.28	365.0
10/5/2017 - 10/9/2017	<.100	28.00	7.13	375.0
11/1/2017 - 11/2/2017	<.100	27.00	7.50	371.0
1/23/2018 - 1/26/2018	<.100	35.00	6.92	397.3
2/21/2018 - 2/23/2018	<.100	27.00	7.35	486.0
3/19/2018 - 3/22/2018	<.100	22.00	6.42	278.1
4/9/2018 - 4/11/2018	<.100	26.00	6.39	336.7
6/4/2018 - 6/6/2018	<.100	35.00	6.51	394.0
7/10/2018 - 7/18/2018	<.100	32.00	6.95	471.0
8/1/2018 - 8/2/2018	<.100	32.00	6.65	467.0
9/4/2018 - 9/6/2018	<.100	35.00	6.80	457.0
10/1/2018 - 10/4/2018	<.100	32.50 *	6.30 *	468.0 *
11/6/2018 - 11/8/2018	<.100	27.00	6.98	516.9
12/4/2018 - 12/5/2018	<.100	33.00	6.97	553.7
1/2/2019 - 1/7/2019	<.100	32.00	6.84	407.4
2/4/2019 - 2/6/2019	<.100	32.00	6.71	358.0
3/4/2019 - 3/6/2019	<.100	33.00	6.81	407.0
4/2/2019 - 4/3/2019	<.100	32.00	6.73	475.9
5/1/2019 - 5/9/2019	<.100	32.00	7.20	490.9
6/3/2019 - 6/5/2019	<.100	34.00	6.81	511.9
7/8/2019 - 7/11/2019	<.100 *	30.50 *	6.71 *	474.0 *
8/5/2019 - 8/8/2019	<.100	28.00	7.37	540.2
9/3/2019 - 9/5/2019	<.100	35.00	6.64	496.2
9/30/2019 - 10/3/2019	<.100	27.00	7.09	483.9
11/5/2019 - 11/6/2019	<.100	23.00	6.39	314.3
12/2/2019 - 12/12/2019	<.100	23.00	6.45	270.4
1/13/2020 - 1/23/2020	<.100	22.90	6.73	289.5

* - 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)
2/3/2020 - 2/4/2020	<1.000	24.20	7.09	471.0
3/2/2020 - 3/4/2020	<.100	23.10	6.42	308.4
4/1/2020 - 4/3/2020	<.100	22.80	6.98	483.7
5/4/2020 - 5/5/2020	<.100	21.60	6.94	515.6
6/1/2020 - 6/3/2020	<.100	22.90	6.97	515.7
7/6/2020 - 7/9/2020	<.100	20.80	7.05 *	559.4 *
8/3/2020	<.100	22.85 *	6.96 *	534.7 *
9/1/2020 - 9/3/2020	<.100	22.60	6.85	528.6
10/5/2020 - 10/7/2020	<.100	15.20	6.94	477.3
11/2/2020 - 11/5/2020	<.100	14.50	7.14	455.7
12/1/2020 - 12/4/2020	<.100	15.20	6.75	327.5
1/13/2021 - 1/18/2021	<.100 *	14.20 *	6.57	295.9
2/9/2021 - 2/11/2021	<.100	15.40	7.19	456.0
3/2/2021 - 3/3/2021	<.100	12.30	6.63	321.0
4/6/2021 - 4/9/2021	<.100	14.90	7.18	454.0
5/4/2021 - 5/5/2021	<.100	14.00	7.13	474.0
6/1/2021 - 6/2/2021	<.100	25.60	6.81	521.0
7/1/2021 - 7/9/2021	<.100 *	35.80 *	6.90 *	540.0 *
8/3/2021 - 8/4/2021	<.100	29.20	7.06	568.0
9/1/2021 - 9/2/2021	<.100	16.90	6.66	349.0
10/4/2021 - 10/7/2021	<.100	21.60	7.07 *	536.0 *
11/1/2021 - 11/2/2021	<.100	17.50	6.96	516.0
12/8/2021 - 12/9/2021	<.100	11.40	7.19	406.0
1/3/2023 - 1/11/2023	<.100	11.00	6.87	272.0
2/3/2023 - 2/4/2023	<.100	8.57	6.65	283.0
3/1/2023 - 3/2/2023	<.100	7.92	6.47	289.0
4/4/2023 - 4/8/2023	<.100	25.10	6.23	436.0
5/9/2023 - 5/11/2023	<.100	12.20	6.18	320.0
6/7/2023 - 6/8/2023	<.100	8.19	6.16	281.0
7/5/2023 - 7/10/2023	<.100	6.95	5.63	282.0
8/1/2023 - 8/3/2023	<.100	7.10	6.07	336.0
9/1/2023 - 9/2/2023	<.100	6.48	6.77	338.0
10/2/2023 - 10/6/2023	<.100	6.63	6.56	315.0
11/1/2023 - 11/5/2023	<.100	6.21	6.58	404.0
12/6/2023 - 12/8/2023	<.100	6.62	6.69	494.0
1/4/2024 - 1/11/2024	<.100	6.35	6.64	360.0
2/1/2024 - 2/2/2024	.217	6.67	6.73	296.0

* - 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	<.100 *	14.00 *	7.35 *	774.5 *
7/7/2015 - 7/16/2015	<.100	14.00	7.85	625.0
7/16/2015 - 7/22/2015	<.100	14.00	7.85	625.0
8/4/2015 - 8/5/2015	<.100	6.30	8.15	436.0
9/2/2015 - 9/3/2015	<.100	8.40	8.41	439.0
10/5/2015 - 10/6/2015	<.100	5.00	8.79	620.0
11/4/2015 - 11/5/2015	<.100	5.50	8.27	578.0
12/3/2015 - 12/4/2015	<.100	6.00	9.15	381.0
1/5/2016 - 1/8/2016	<.100	8.60	8.38	348.0
2/3/2016 - 2/11/2016	<.100	9.80	8.22	370.0
3/2/2016 - 3/3/2016	<.100	9.20	7.95	301.0
4/5/2016 - 4/6/2016	<.100	10.00	7.55	379.0
5/11/2016 - 5/12/2016	<.100	9.50	7.77	253.0
6/1/2016 - 6/2/2016	<.100	9.30	9.03	553.0
7/19/2016 - 7/22/2016	<.100	9.00	7.65	228.0
8/10/2016 - 8/11/2016	<.100	9.00	7.25	213.0
9/6/2016 - 9/7/2016	<.100	11.00	7.35	282.0
10/5/2016 - 10/7/2016	.100 *	10.05 *	7.17	294.0
11/2/2016 - 11/3/2016	<.100	9.60	7.39	231.0
12/1/2016 - 12/2/2016	<.100	8.50	7.35	492.0
1/10/2017 - 1/13/2017	<.100	10.00	6.93	284.0
2/7/2017 - 2/8/2017	<.100	8.70	7.00	299.0
3/1/2017 - 3/3/2017	<.100	7.30	6.81	320.0
4/4/2017 - 4/6/2017	<.100	8.20	7.74	293.0
5/2/2017 - 5/5/2017	<.100	9.10	7.67	278.0
6/6/2017 - 6/7/2017	.310	13.00	7.01	527.0
7/18/2017 - 7/21/2017	<.100	19.00	7.06	567.0
8/1/2017 - 8/2/2017	<.100	18.00	7.11	474.0
9/5/2017 - 9/6/2017	<.100	16.00	7.38	348.0
10/5/2017 - 10/9/2017	<.100	15.00	7.34	398.0
11/1/2017 - 11/2/2017	<.100	15.00	7.51	387.0
1/23/2018 - 1/26/2018	<.100	11.00	7.56	319.5
2/21/2018 - 2/23/2018	<.100	11.00	7.43	345.0
3/19/2018 - 3/22/2018	<.100	15.00	7.04	420.2
4/9/2018 - 4/11/2018	<.100	14.00	7.27	345.3
6/4/2018 - 6/6/2018	<.100	13.00	7.63	245.0
7/10/2018 - 7/18/2018	<.100	12.00	7.78	291.0
8/1/2018 - 8/2/2018	<.100	13.00	7.37	293.0
9/4/2018 - 9/6/2018	<.100	13.00	7.93	279.0
10/1/2018 - 10/4/2018	<.100	11.50 *	7.23 *	282.0 *
11/6/2018 - 11/8/2018	<.100	9.70	7.53	298.2
12/4/2018 - 12/5/2018	<.100	11.00	7.50	321.4
1/2/2019 - 1/7/2019	<.100	10.00	7.53	318.4
2/4/2019 - 2/6/2019	<.100	11.00	7.44	248.0
3/4/2019 - 3/6/2019	<.100	11.00	7.60	221.0
4/2/2019 - 4/3/2019	<.100	11.00	7.49	261.2
5/1/2019 - 5/9/2019	<.100	10.00	7.65	237.3
6/3/2019 - 6/5/2019	<.100	12.00	7.61	262.8
7/8/2019 - 7/11/2019	<.100 *	9.50 *	7.56 *	323.0 *
8/5/2019 - 8/8/2019	<.100	9.00	7.82	308.1
9/3/2019 - 9/5/2019	<.100	9.50	7.55	277.6
9/30/2019 - 10/3/2019	<.100	13.00	7.34	469.9
11/5/2019 - 11/6/2019	<.100	35.00	6.82	582.0
12/2/2019 - 12/12/2019	<.100	43.00	7.02	534.4
1/13/2020 - 1/23/2020	<.100	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)
2/3/2020 - 2/4/2020	<1.000	30.90	6.90	492.4
3/2/2020 - 3/4/2020	<.100	30.90	7.16	445.5
4/1/2020 - 4/3/2020	<.100	35.70	6.89	485.6
5/4/2020 - 5/5/2020	<.100	29.90	7.06	456.3
6/1/2020 - 6/3/2020	<.100	15.60	7.21	383.2
7/6/2020 - 7/9/2020	<.100	26.00	6.91 *	479.0 *
8/3/2020	<.100	23.90 *	7.17 *	506.0 *
9/1/2020 - 9/3/2020	<.100	21.40	7.67	302.8
10/5/2020 - 10/7/2020	<.100	20.00	7.54	320.4
11/2/2020 - 11/5/2020	<.100	19.60	7.19	437.5
12/1/2020 - 12/4/2020	<.100	18.90	7.47	343.7
1/13/2021 - 1/18/2021	<.100 *	18.10 *	7.25	358.7
2/9/2021 - 2/11/2021	<.100	18.70	7.35	422.2
3/2/2021 - 3/3/2021	<.100	17.00	7.28	407.0
4/6/2021 - 4/9/2021	<.100	17.10	7.35	408.0
5/4/2021 - 5/5/2021	<.100	15.50	7.33	412.0
6/1/2021 - 6/2/2021	<.100	16.00	7.26	403.0
7/1/2021 - 7/9/2021	<.100 *	15.63 *	7.22 *	381.0 *
8/3/2021 - 8/4/2021	<.100	14.90	7.32	374.0
9/1/2021 - 9/2/2021	<.100	14.80	7.70	301.0
10/4/2021 - 10/7/2021	<.100	13.80	7.11	474.0
11/1/2021 - 11/2/2021	<.100	13.10	6.80	576.0
12/8/2021 - 12/9/2021	<.100	12.00	6.77	625.0
12/6/2022 - 12/7/2022	<.100	8.46	7.55	350.0
1/3/2023 - 1/11/2023	<.100	9.07	7.79	288.0
2/3/2023 - 2/4/2023	<.100	8.72	7.31	650.0
3/1/2023 - 3/2/2023	<.100	8.67	7.14	336.0
4/4/2023 - 4/8/2023	<.100	7.83	7.38	364.0
5/9/2023 - 5/11/2023	<.100	8.29	6.51	337.0
6/7/2023 - 6/8/2023	<.100	8.26	7.07	271.0
7/5/2023 - 7/10/2023	<.100	7.75	7.64	293.0
8/1/2023 - 8/3/2023	<.100	7.84	5.50	310.0
9/1/2023 - 9/2/2023	<.100	7.46	7.98	335.0
10/2/2023 - 10/6/2023	<.100	7.79	7.07	513.0
11/1/2023 - 11/5/2023	<.100	7.15	6.86	706.0
12/6/2023 - 12/8/2023	<.100	7.55	6.65	738.0
1/4/2024 - 1/11/2024	<.100	7.08	6.57	654.0
1/11/2024 - 1/21/2024	<.100	7.08	6.57	654.0
2/1/2024 - 2/2/2024	.266	7.51	6.71	650.0

* - 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)
7/18/2006 - 7/21/2006	.100	9.6	7.58 *	719.0 *
9/20/2006 - 9/28/2006	<.100	8.6	7.17 *	599.0 *
10/24/2006 - 11/3/2006	.120	9.2	6.95 *	638.0 *
11/20/2006 - 11/21/2006	.180	9.1	6.81 *	489.0 *
12/21/2006 - 12/22/2006		9.2	6.91 *	777.0 *
1/8/2007 - 1/16/2007			6.47 *	790.0 *
1/16/2007 - 1/26/2007	<.100	9.3	6.78 *	747.0 *
2/7/2007			6.95	710.0
2/24/2007 - 2/27/2007	<.100	9.2	6.95 *	710.0 *
3/26/2007 - 3/27/2007	<.100	8.5	6.24 *	720.0 *
4/23/2007 - 4/27/2007	<.100	8.3	6.51 *	954.0 *
5/31/2007 - 6/1/2007	<.100	9.3	5.95 *	1065.0 *
6/28/2007	<.100	8.4	6.45 *	708.0 *
7/10/2007 - 7/13/2007	<.100	8.8	6.26 *	727.0 *
8/24/2007 - 8/29/2007	.110 *	9.6	6.68 *	738.0 *
9/27/2007 - 9/28/2007	<.100	10.0	7.15 *	631.8 *
10/23/2007 - 10/24/2007	<.100	9.8	8.78	727.0
11/27/2007 - 11/28/2007	.140	9.8	5.99 *	669.0 *
12/27/2007 - 12/28/2007	<.100	10.0	6.13 *	673.8 *
1/22/2008 - 1/26/2008	<.100	9.5	6.32	667.0
2/27/2008 - 2/28/2008	.110	10.0	6.60	778.0
3/24/2008 - 3/25/2008	<.100	10.0	6.66 *	665.8 *
5/2/2008 - 5/3/2008	.190	9.4	6.76 *	604.0 *
5/29/2008 - 5/30/2008	<.100	9.9	6.38 *	577.8 *
6/25/2008 - 6/26/2008	<.100	10.0	6.35 *	494.5 *
7/21/2008 - 7/24/2008	.120	11.0	6.38	538.0
8/29/2008	.120	12.0	6.37	511.0
9/25/2008 - 10/1/2008	.110	12.0	6.38 *	507.0 *
10/21/2008 - 10/22/2008	.250	13.0	6.40	496.0
11/24/2008 - 11/25/2008	.180	13.0	6.50	502.0
12/18/2008 - 12/19/2008	.220	14.0	6.45	523.0
2/3/2009 - 2/13/2009	.160	13.0	6.58	522.0
3/25/2009 - 3/26/2009	.140	13.0	6.20	542.0
4/15/2009 - 4/16/2009	.170	14.0	5.93	579.0
6/24/2009 - 6/25/2009	.200	15.0	6.08	567.0
7/29/2009 - 8/1/2009	.140	14.0	5.52	543.0
8/28/2009 - 8/29/2009	.160	14.0	5.52	482.0
9/29/2009 - 9/30/2009	.130	16.0	5.54	524.0
10/20/2009 - 10/26/2009	.200	16.0	6.05 *	539.5 *
11/23/2009 - 11/25/2009	.270	16.0	6.21	487.0
12/17/2009 - 12/18/2009	.160	16.0	6.22	508.0
1/26/2010 - 2/4/2010	.140	15.0	6.27	463.0
2/15/2010 - 2/17/2010	.160	17.0	6.56	532.0
3/3/2010 - 3/4/2010	.099	16.0	6.40	479.0
4/7/2010 - 4/8/2010	.140	17.0	6.28	548.0
5/5/2010 - 5/6/2010	.150	17.0	7.11	485.0
6/15/2010 - 6/16/2010	<.100	13.0	6.33	314.0
7/12/2010 - 7/16/2010	.120	16.0	6.36	463.0
8/10/2010 - 8/11/2010	.110	15.0	6.24	384.0
8/31/2010 - 9/2/2010	<.100	14.0	6.37 *	265.0 *
9/29/2010 - 9/30/2010	<.100	14.0	6.22	378.0
11/3/2010 - 11/4/2010	<.100	12.0	6.17	331.0
12/2/2010 - 12/3/2010	<.100	14.0	6.27	360.0
1/19/2011 - 1/21/2011	.110	13.0	6.33	378.0
2/7/2011 - 2/8/2011	<.100	13.0	6.34	389.0

* - 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)
3/3/2011 - 3/4/2011	.140	13.0	6.31	408.0
4/5/2011 - 4/6/2011	<.100	13.0	6.36	349.0
5/10/2011 - 5/11/2011	<.100	19.0	6.41	520.0
6/1/2011 - 6/2/2011	.120	14.0	6.21	391.0
7/12/2011 - 7/14/2011	<.100	14.0	6.31	361.0
8/3/2011 - 8/4/2011	.180	15.0	6.31	461.0
9/7/2011 - 9/8/2011	.140	13.0	6.37	376.0
10/5/2011 - 10/6/2011	<.100	15.0	6.38	403.0
11/1/2011 - 11/2/2011	.180	11.0	6.34	331.0
12/7/2011 - 12/8/2011	<.100	13.0	6.51	368.0
1/4/2012 - 1/6/2012	<.100	14.0	6.42	367.0
2/1/2012 - 2/2/2012	<.100	12.0	6.34	335.0
3/6/2012 - 3/7/2012	<.100	12.0	6.47	347.0
4/5/2012 - 4/6/2012	<.100	11.0	6.67	316.0
5/1/2012 - 5/10/2012	<.100	11.0	6.81 *	329.0 *
6/5/2012 - 6/6/2012	<.100	11.0	7.07	303.0
7/9/2012 - 7/12/2012	<.100	13.0	6.34	368.0
8/9/2012 - 8/10/2012	<.100	10.0	6.37	297.0
9/4/2012 - 9/5/2012	<.100	10.0	6.15	328.0
10/3/2012 - 10/8/2012	<.100	11.0	6.56	396.0
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
2/12/2014 - 2/13/2014	<.100	11.0	6.46	290.0
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
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
8/4/2015 - 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

* - 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)
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
5/16/2017	<.100	42.0	6.57	755.0
6/6/2017 - 6/7/2017	<.100	55.0	6.76	710.0
7/18/2017 - 7/21/2017	.250	34.0	6.62	635.0
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
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
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 - 1/23/2020	<.100	45.3	6.57	490.4
2/3/2020 - 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 - 9/3/2020	<.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

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

Table 15

Analytical Data Summary for MW-7N

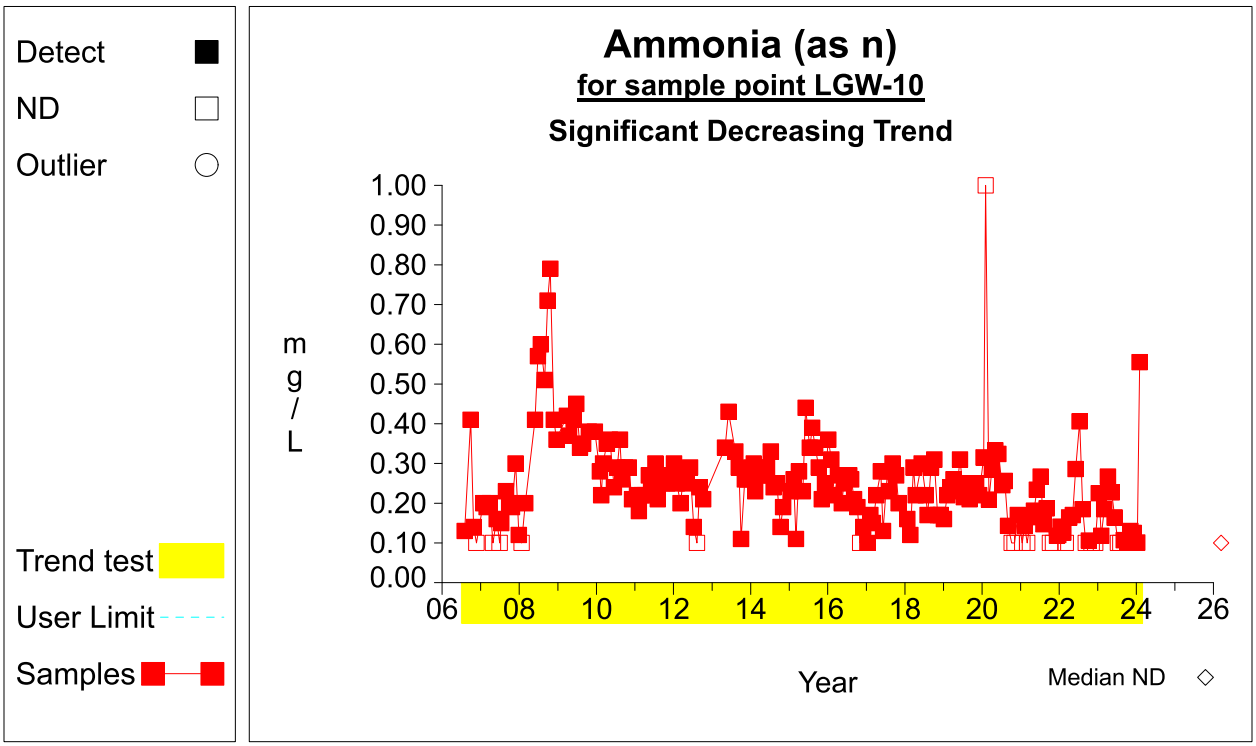
Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
2/9/2021 - 2/11/2021	<.100	42.4	6.71	580.0
3/2/2021 - 3/3/2021	<.100	40.4	6.54	597.0
4/6/2021 - 4/9/2021	<.100	41.5	6.65	601.0
5/4/2021 - 5/5/2021	<.100	41.7	6.54	629.0
6/1/2021 - 6/2/2021	<.100	45.1	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
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
12/6/2023 - 12/8/2023	<.100	30.2	6.61	774.0
1/4/2024 - 1/11/2024	<.100	29.3	6.69	638.0
1/11/2024 - 1/21/2024	<.100	29.3	6.69	638.0
2/1/2024 - 2/2/2024	.143	29.8	6.81	556.0

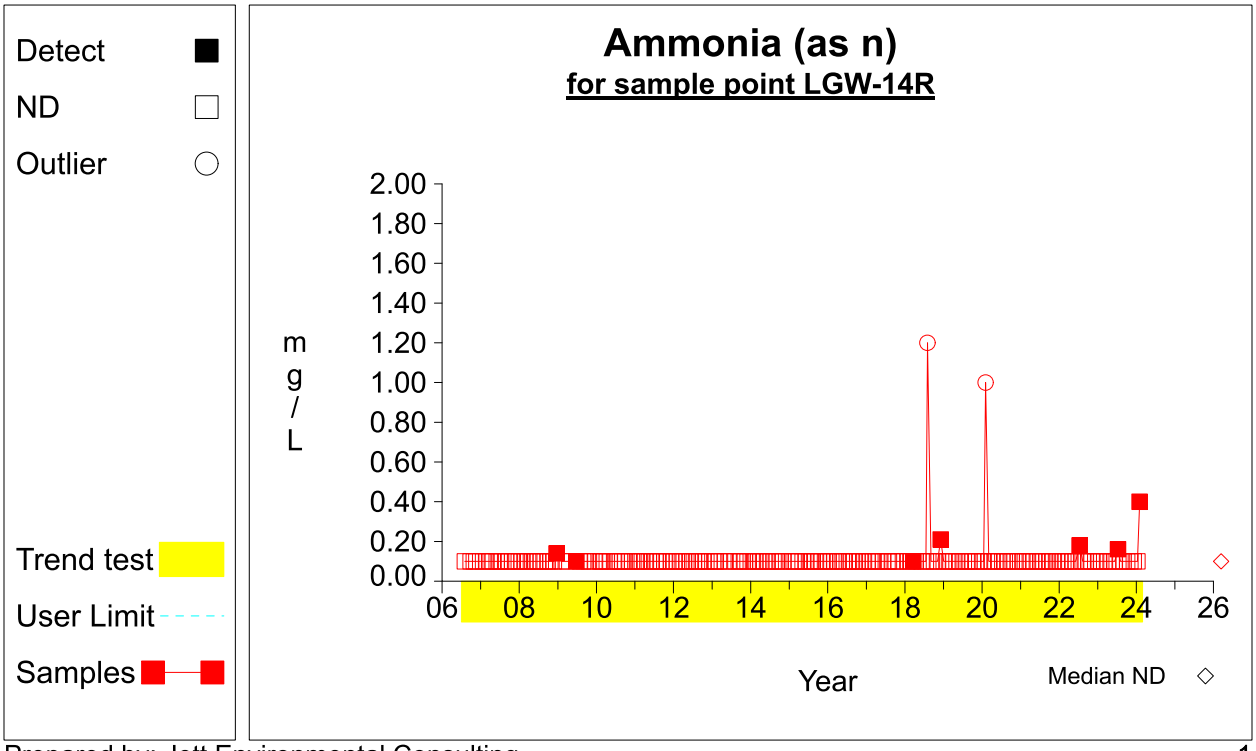
* - The displayed value is the arithmetic mean of multiple database matches.

ATTACHMENT C

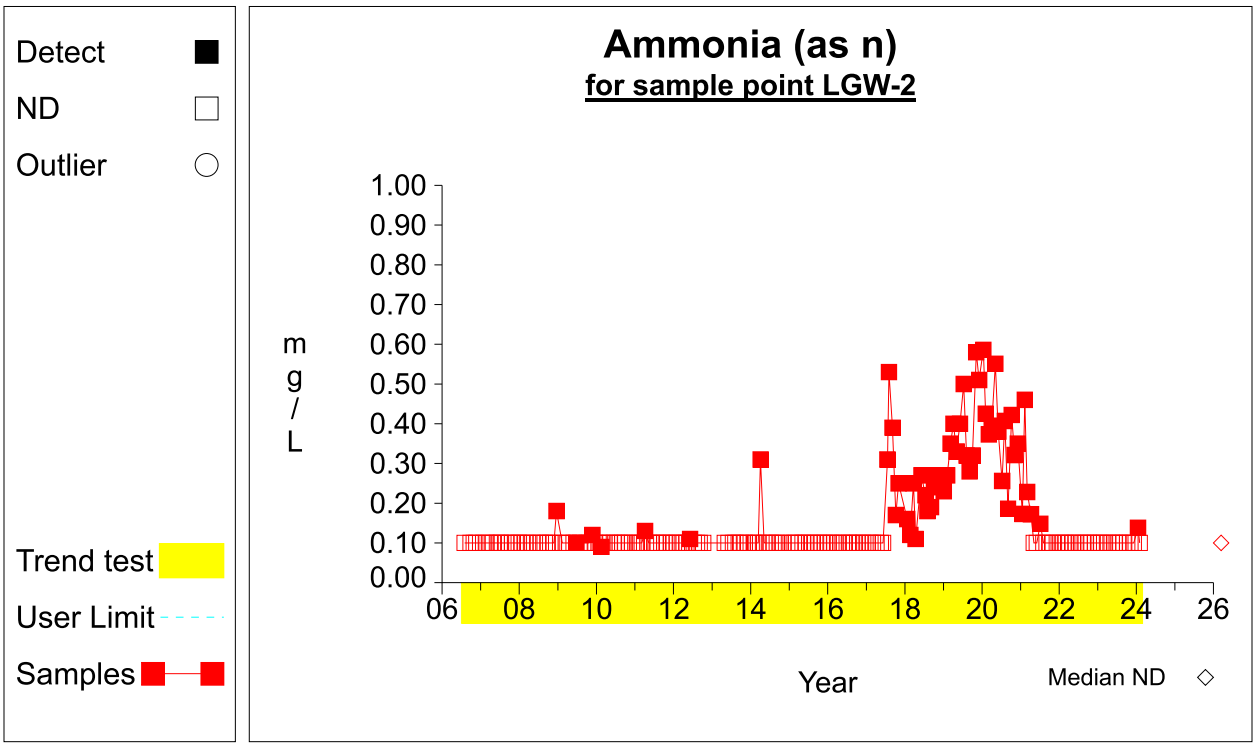
Trend Analysis

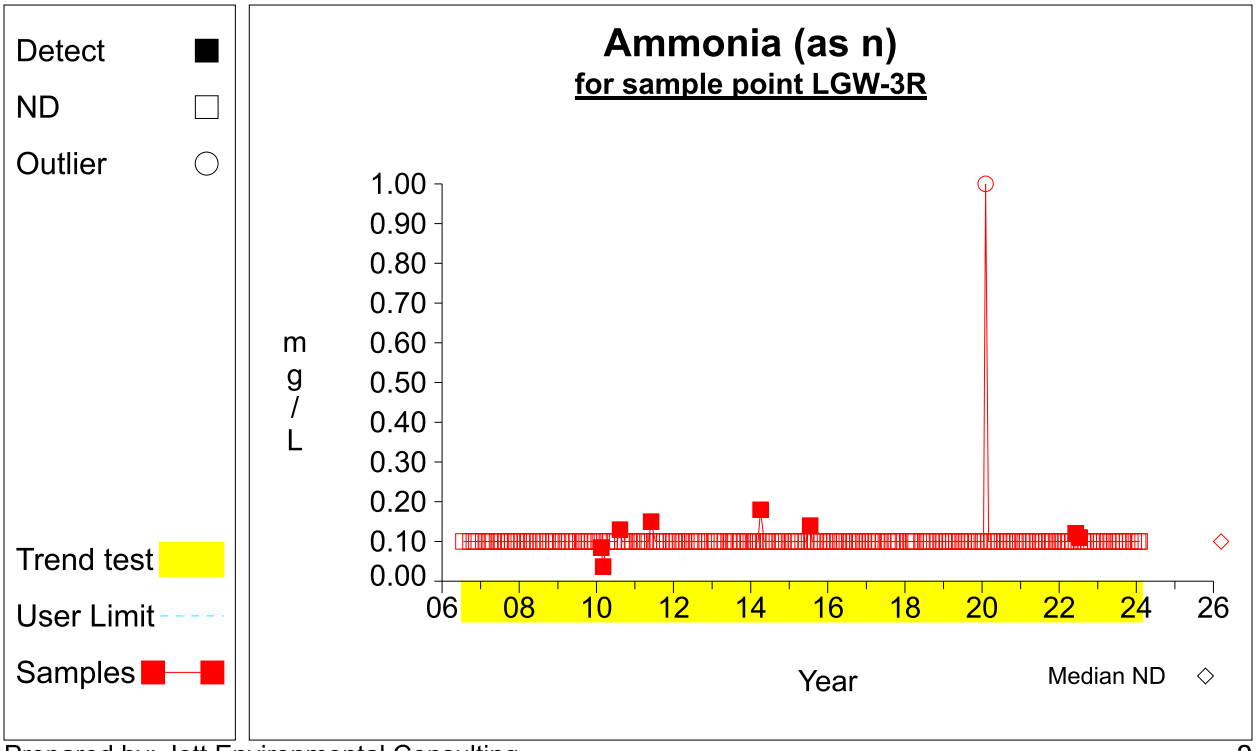
Time Series


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
26
Year
Median ND

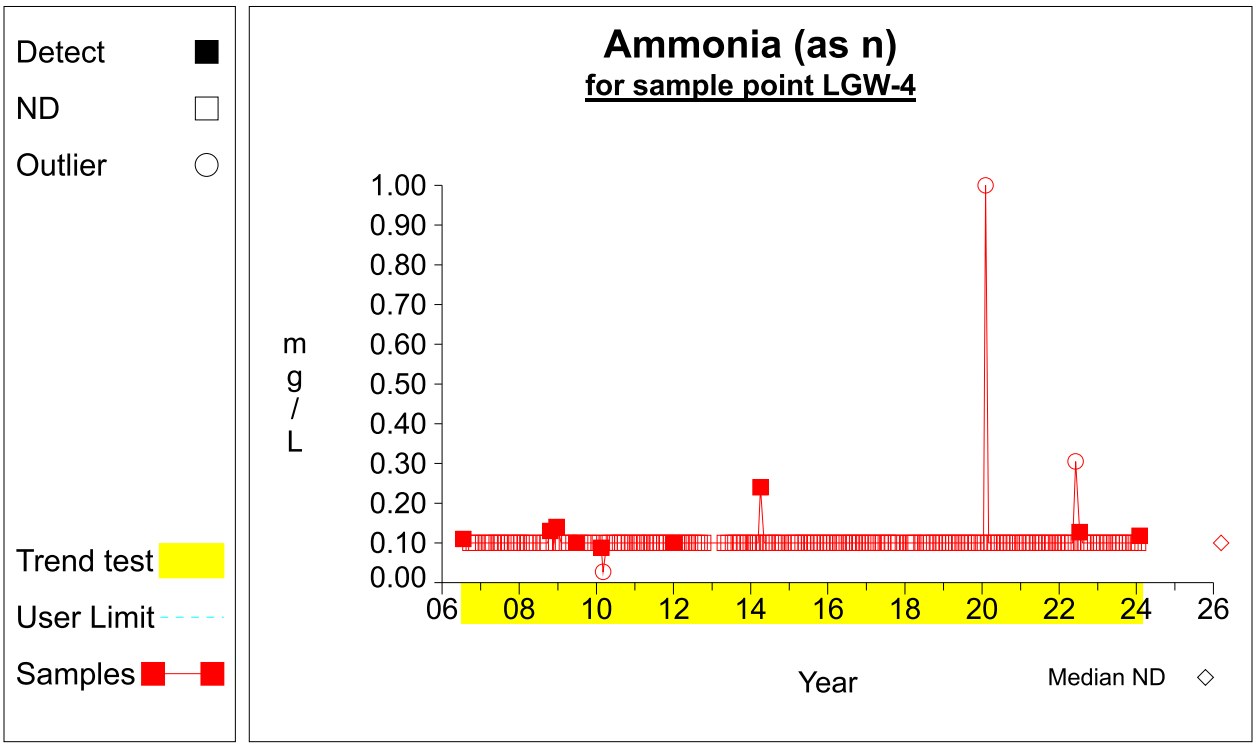

Detect
ND
Outlier
Trend test
User Limit
Samples
Ammonia (as n)
for sample point LGW-14R
mg/L
2.00
1.80
1.60
1.40
1.20
1.00
0.80
0.60
0.40
0.20
0.00
06
08
10
12
14
16
18
20
22
24
26
Year
Median ND

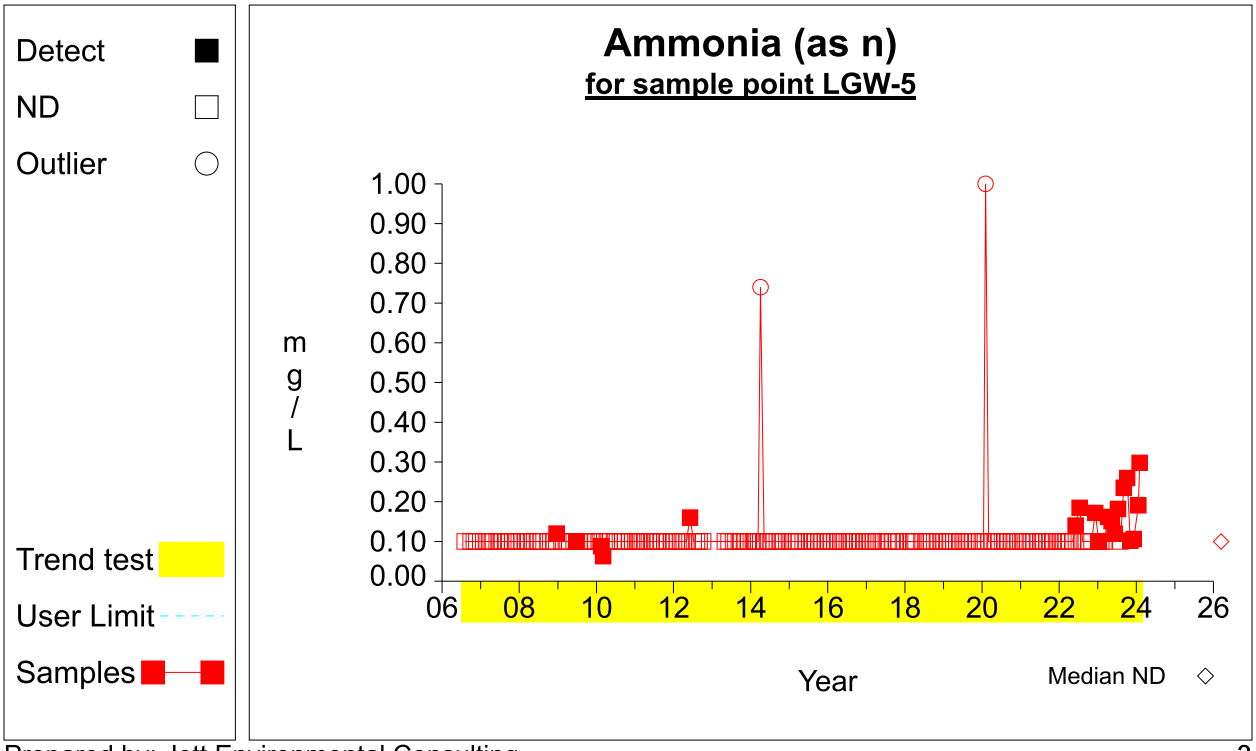
Time Series


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
26
Year
Median ND

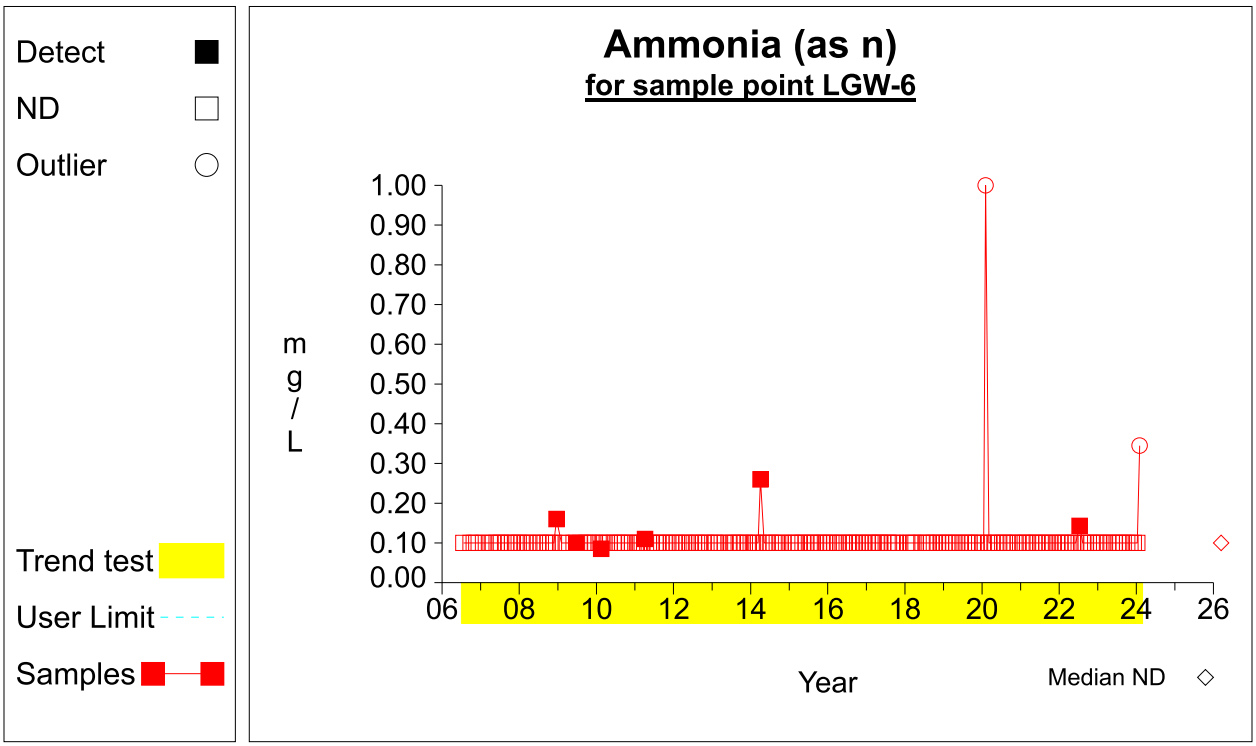

Detect
ND
Outlier
Trend test
User Limit
Samples
Ammonia (as n)
for sample point LGW-3R
mg/L
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
06
08
10
12
14
16
18
20
22
24
26
Year
Median ND

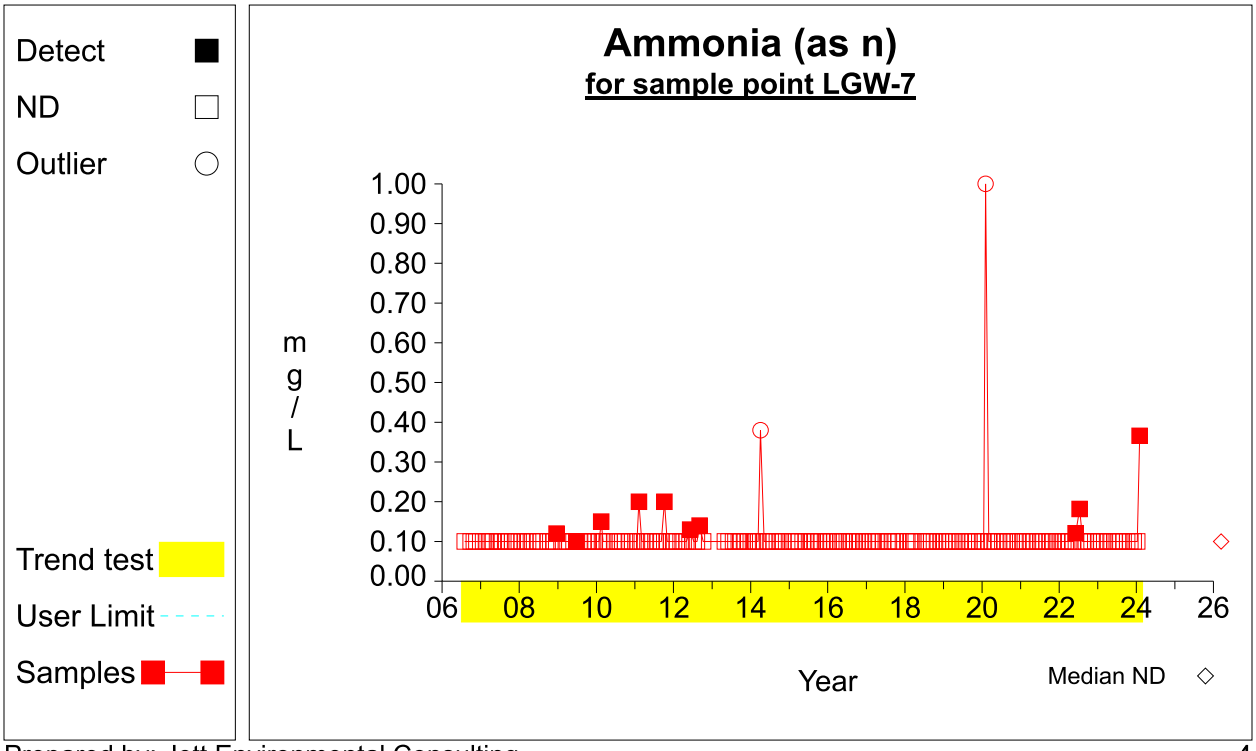
Time Series


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
26
Year
Median ND

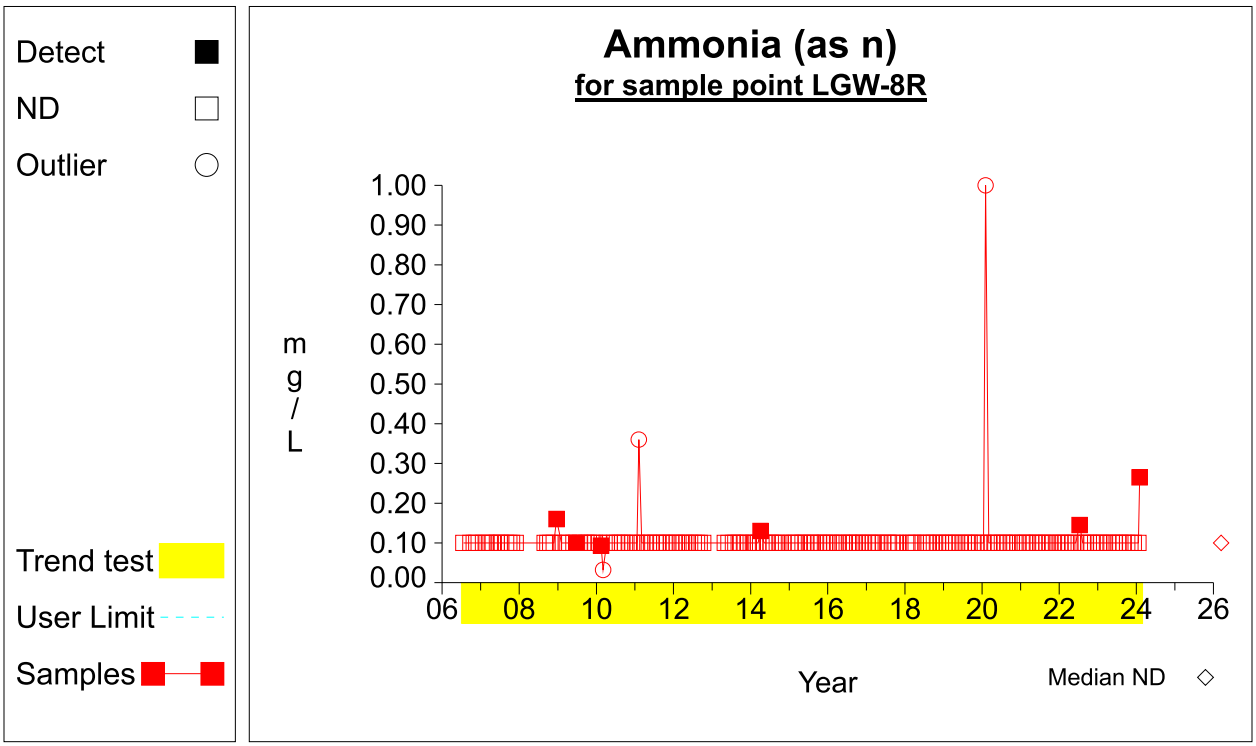

Detect
ND
Outlier
Trend test
User Limit
Samples
Ammonia (as n)
for sample point LGW-5
mg/L
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
06
08
10
12
14
16
18
20
22
24
26
Year
Median ND

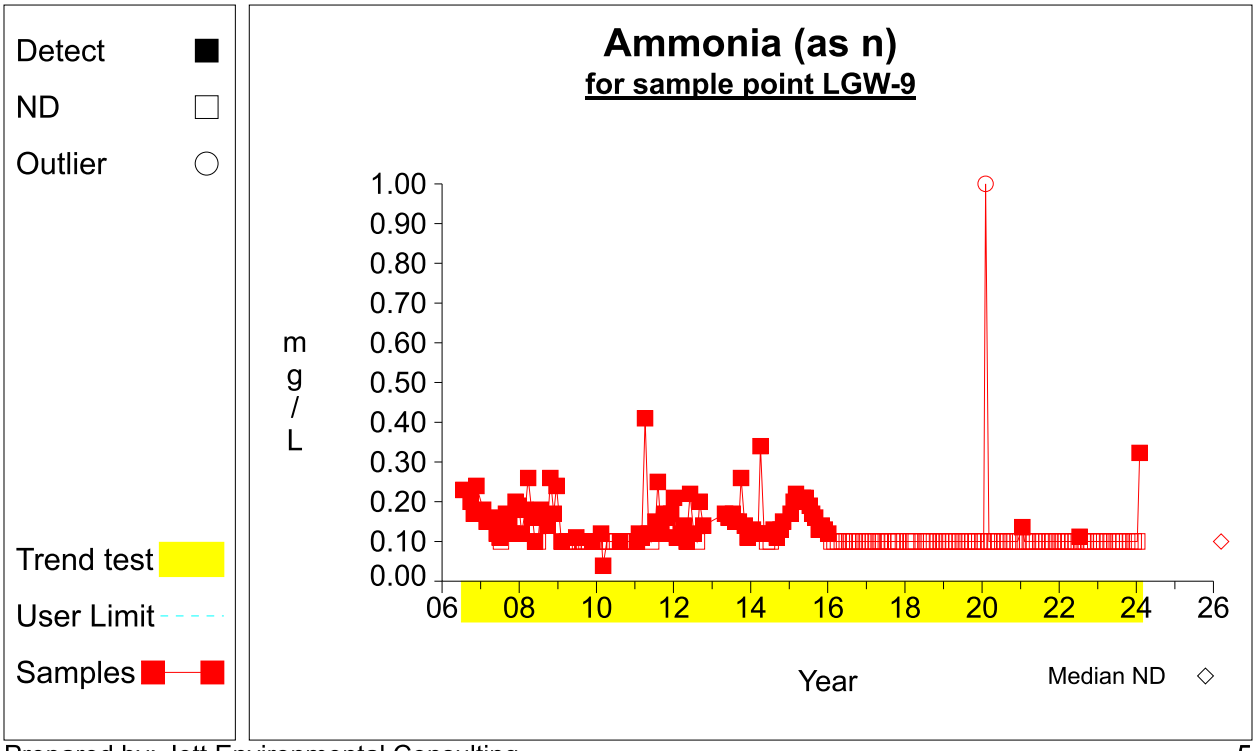
Time Series


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
26
Year
Median ND

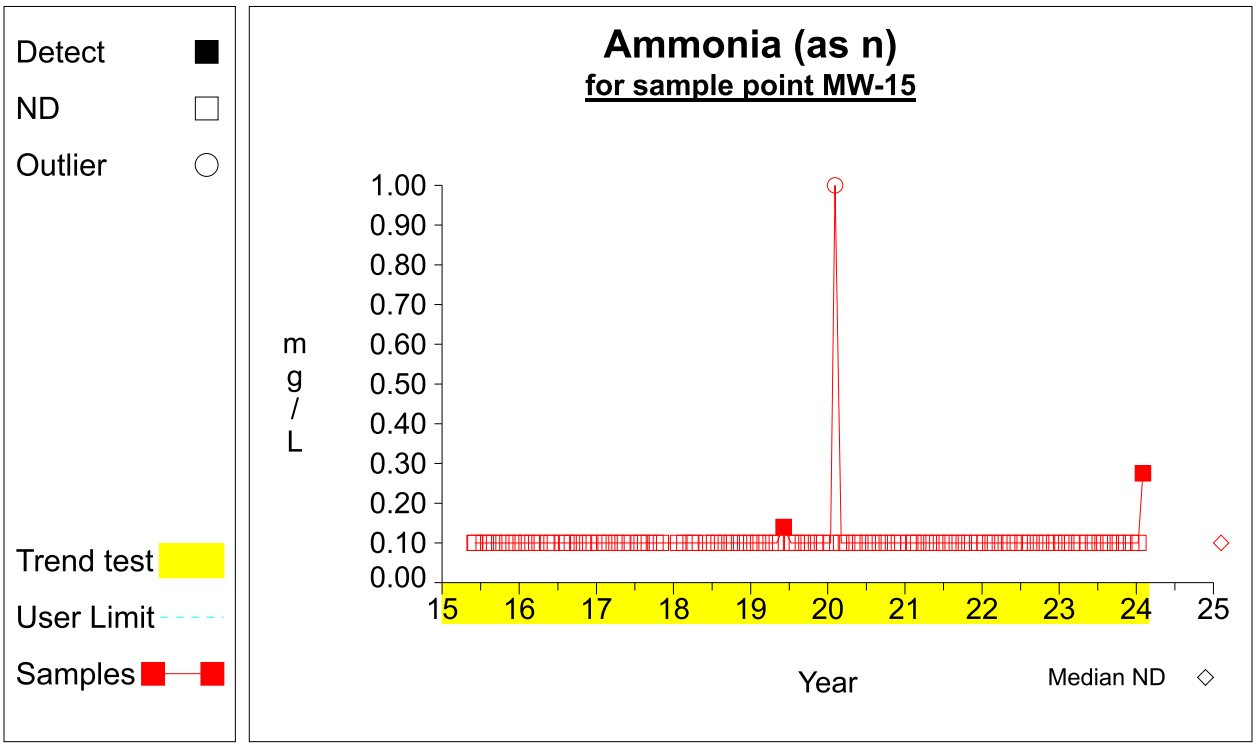

Detect
ND
Outlier
Trend test
User Limit
Samples
Ammonia (as n)
for sample point LGW-7
mg/L
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
06
08
10
12
14
16
18
20
22
24
26
Year
Median ND

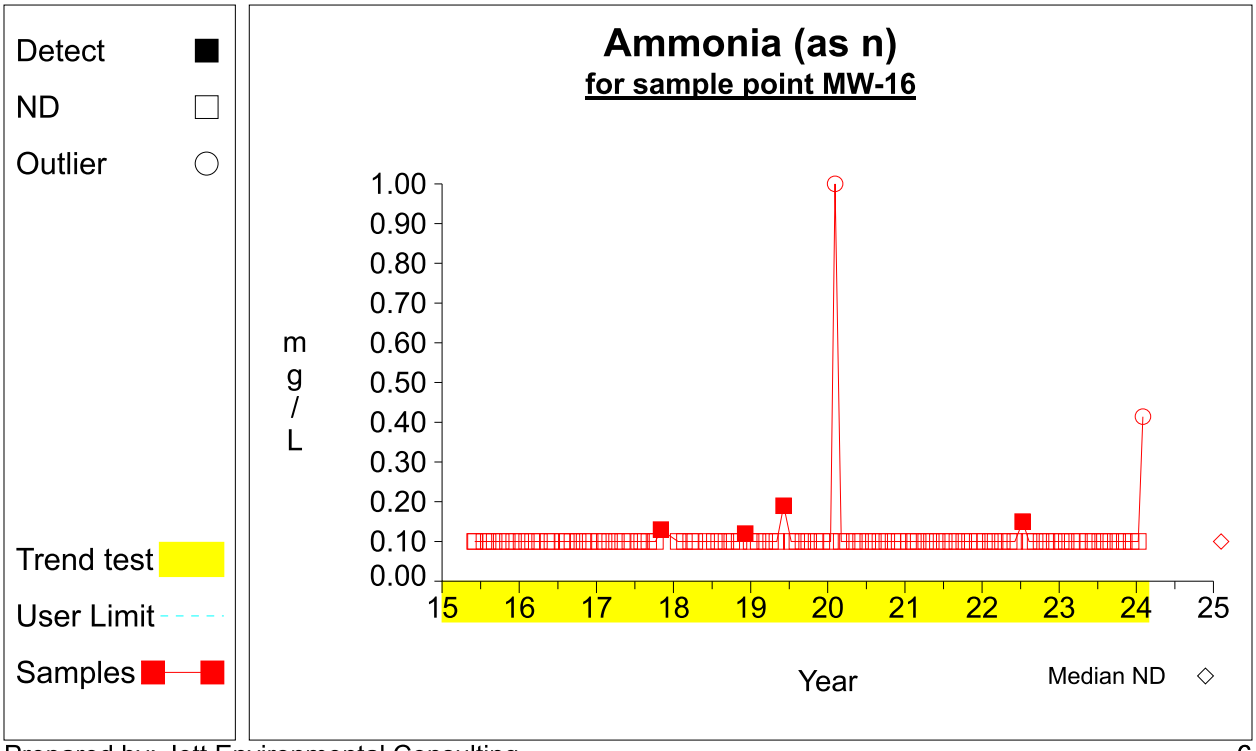
Time Series


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
26
Year
Median ND

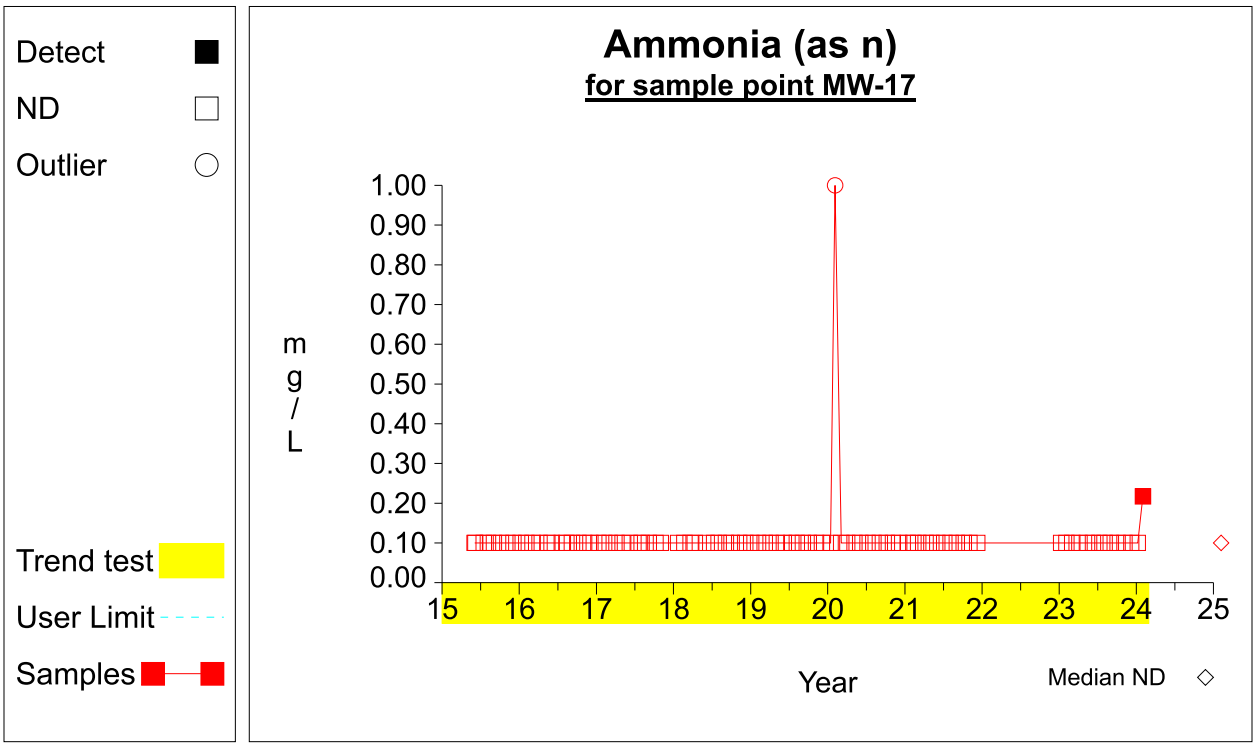

Detect
ND
Outlier
Trend test
User Limit
Samples
Ammonia (as n)
for sample point LGW-9
mg/L
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
06
08
10
12
14
16
18
20
22
24
26
Year
Median ND

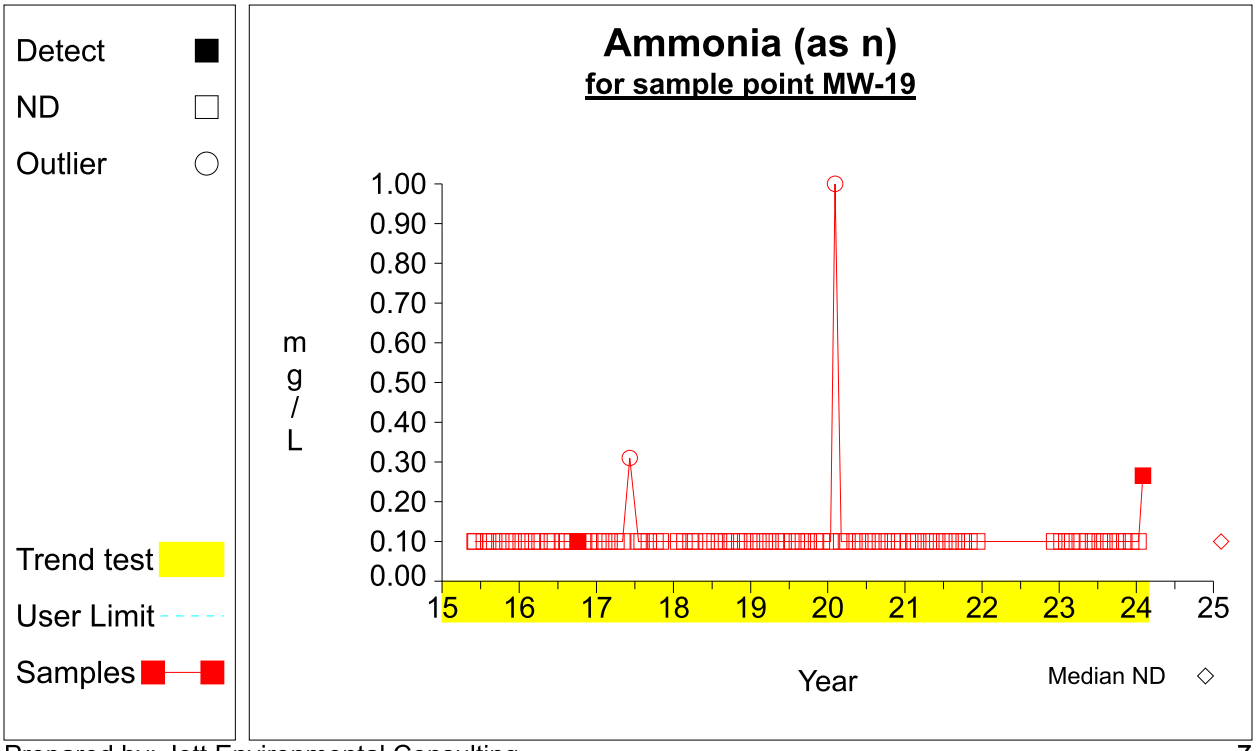
Time Series


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
25
Year
Median ND

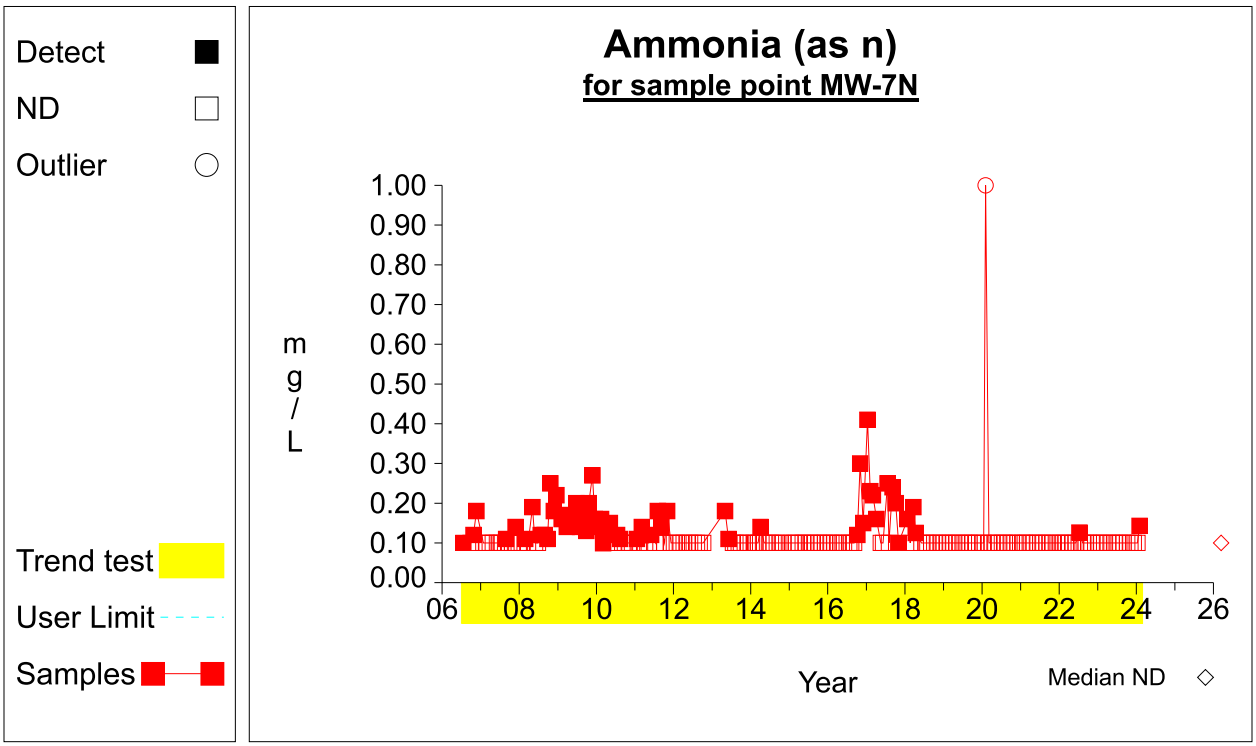

Detect
ND
Outlier
Trend test
User Limit
Samples
Ammonia (as n)
for sample point MW-16
mg/L
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
15
16
17
18
19
20
21
22
23
24
25
Year
Median ND

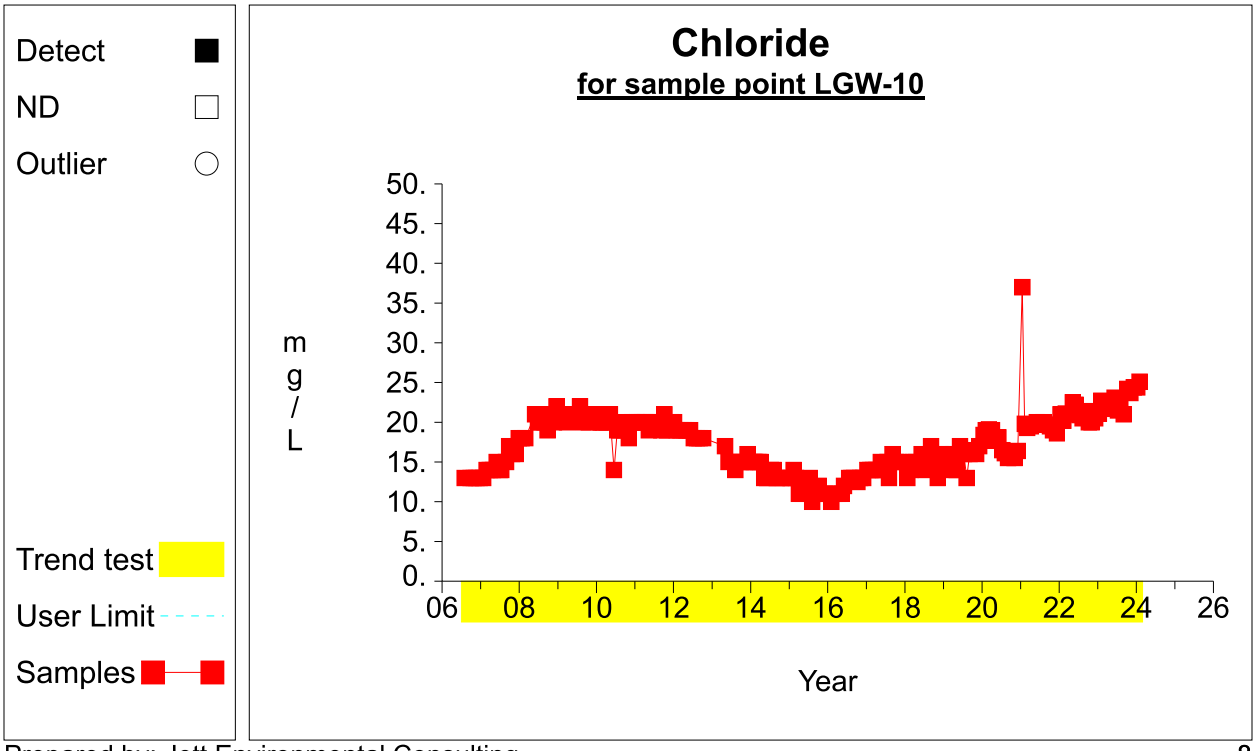
Time Series


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
25
Year
Median ND

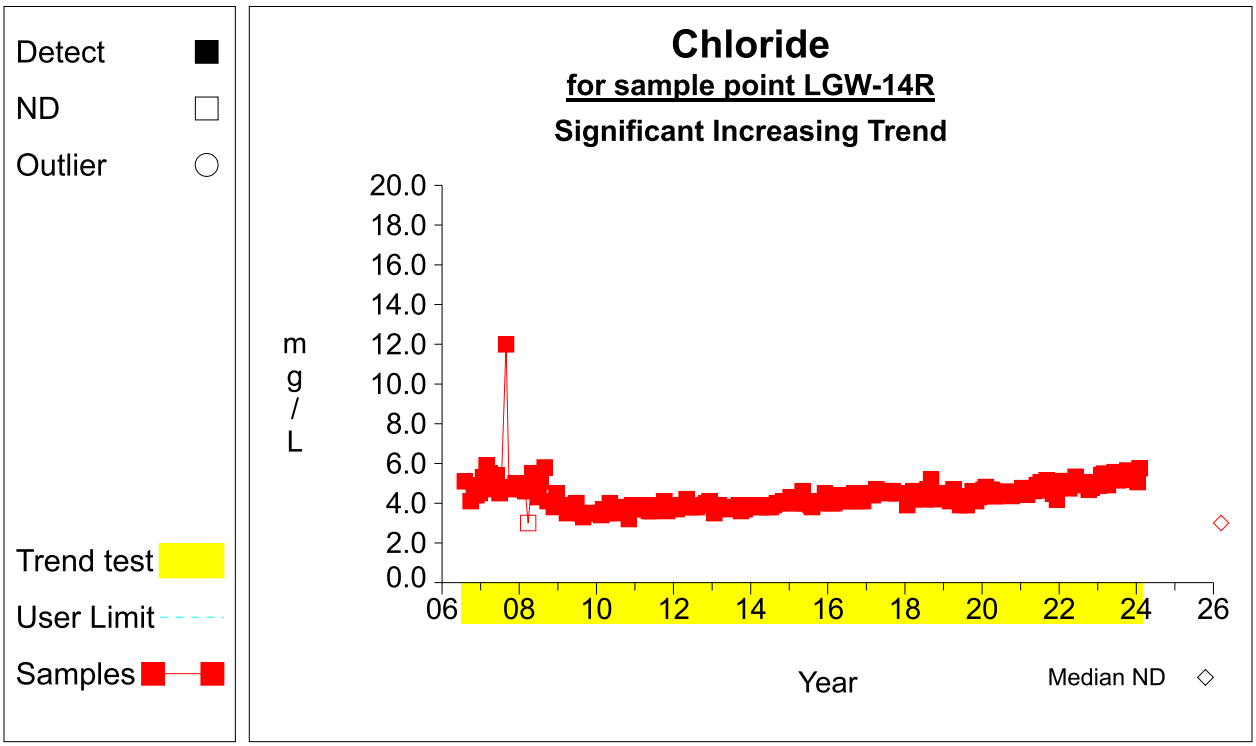

Detect
ND
Outlier
Trend test
User Limit
Samples
Ammonia (as n)
for sample point MW-19
mg/L
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
15
16
17
18
19
20
21
22
23
24
25
Year
Median ND

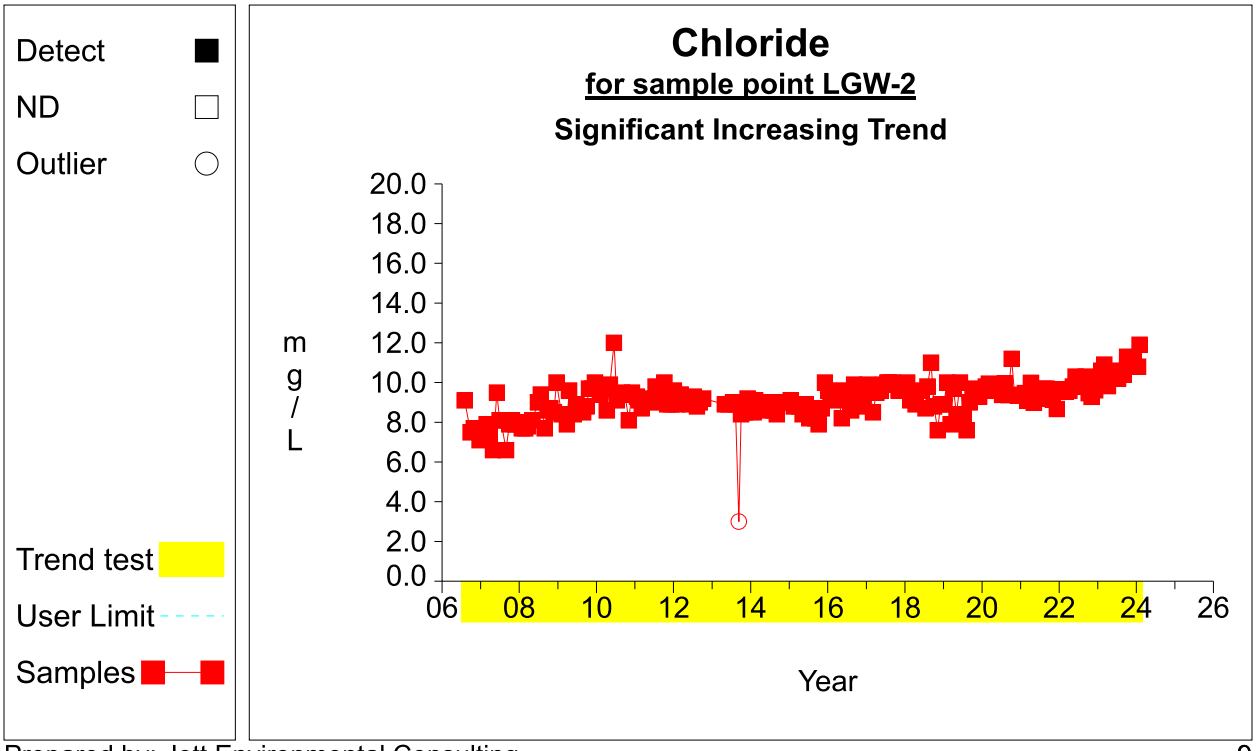
Time Series


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
26
Year
Median ND

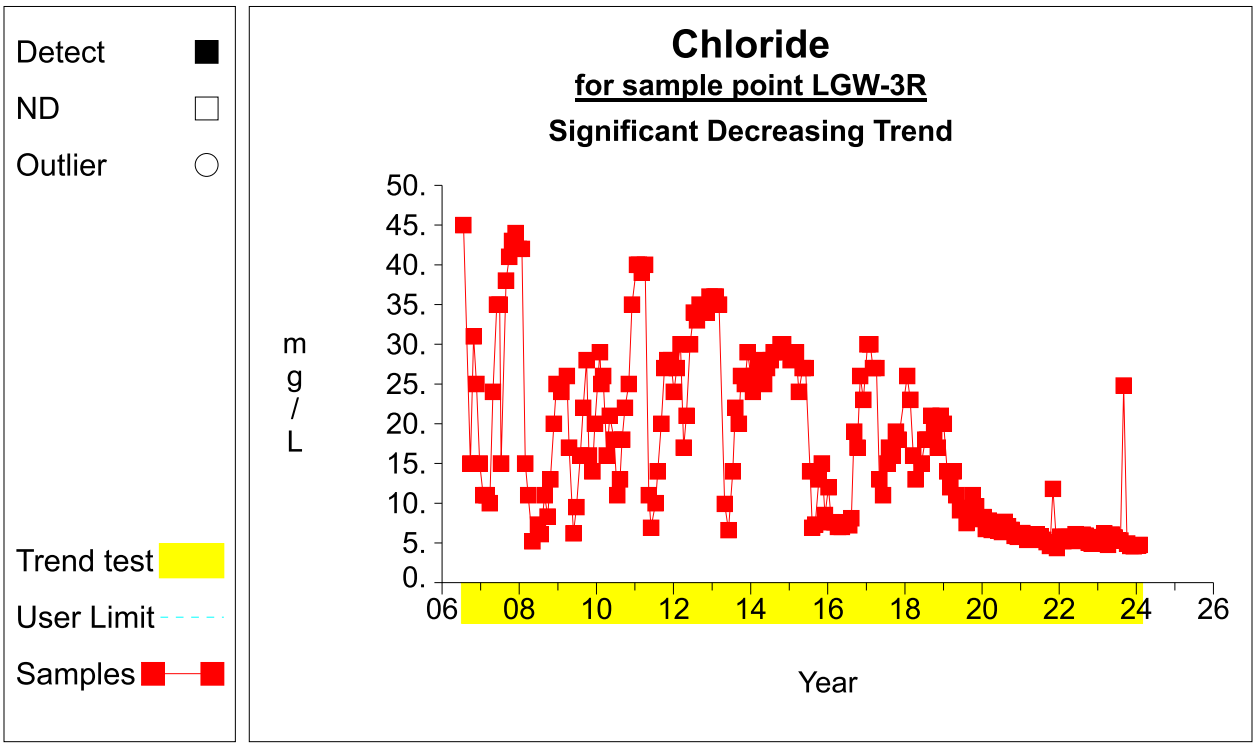

Detect
ND
Outlier
Trend test
User Limit
Samples
Chloride
for sample point LGW-10
mg/L
50.
45.
40.
35.
30.
25.
20.
15.
10.
5.
0.
06
08
10
12
14
16
18
20
22
24
26
Year

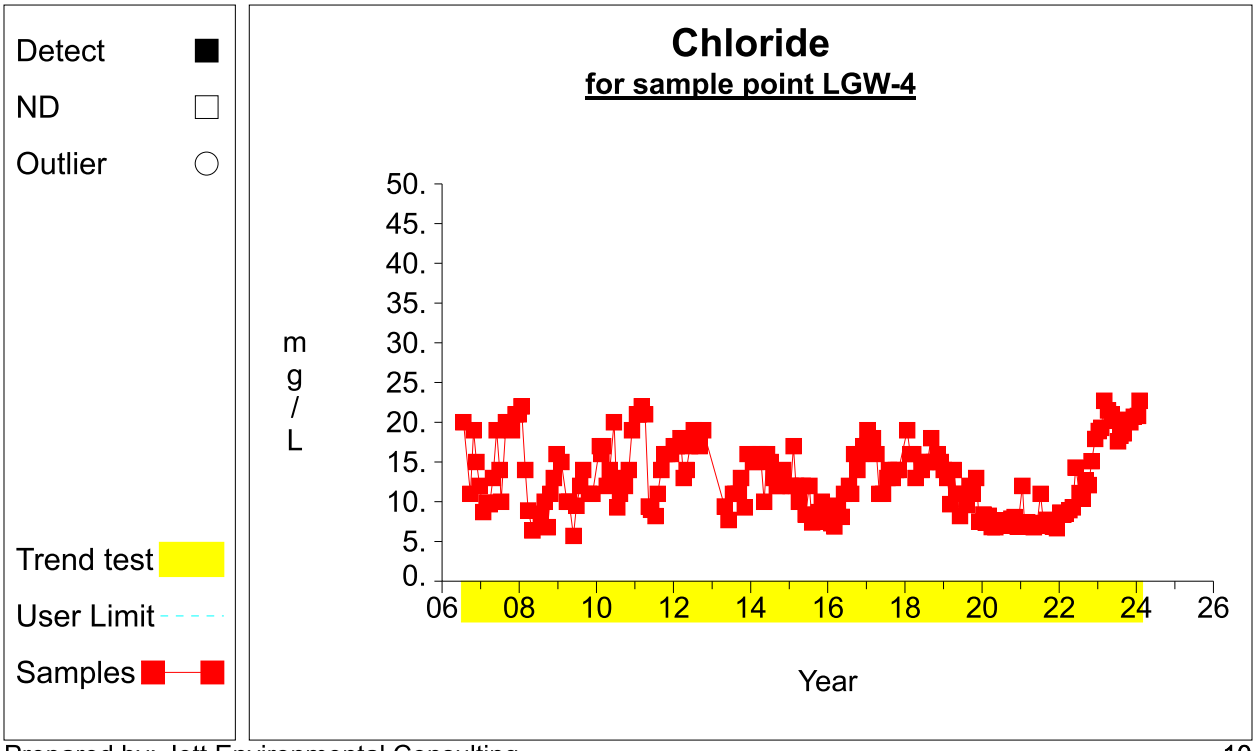
Time Series


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
26
Year
Median ND

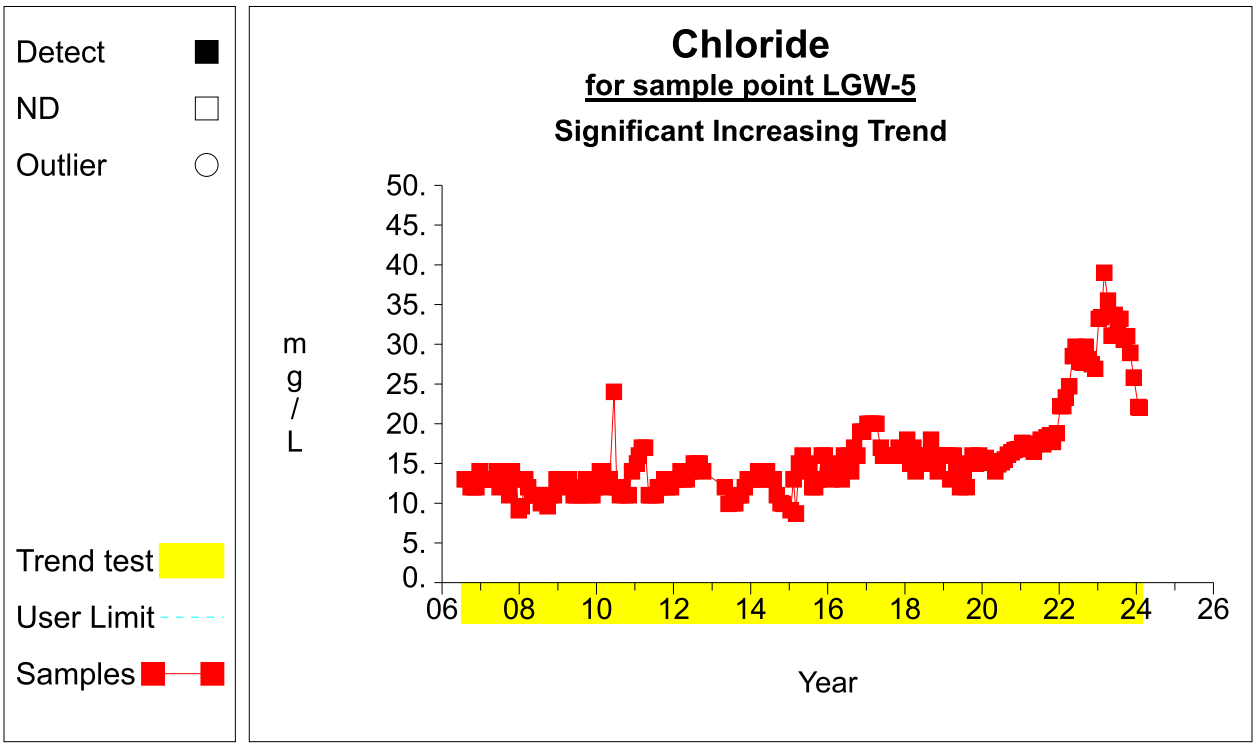

Detect
ND
Outlier
Trend test
User Limit
Samples
Chloride
for sample point LGW-2
Significant Increasing Trend
mg/L
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
06
08
10
12
14
16
18
20
22
24
26
Year

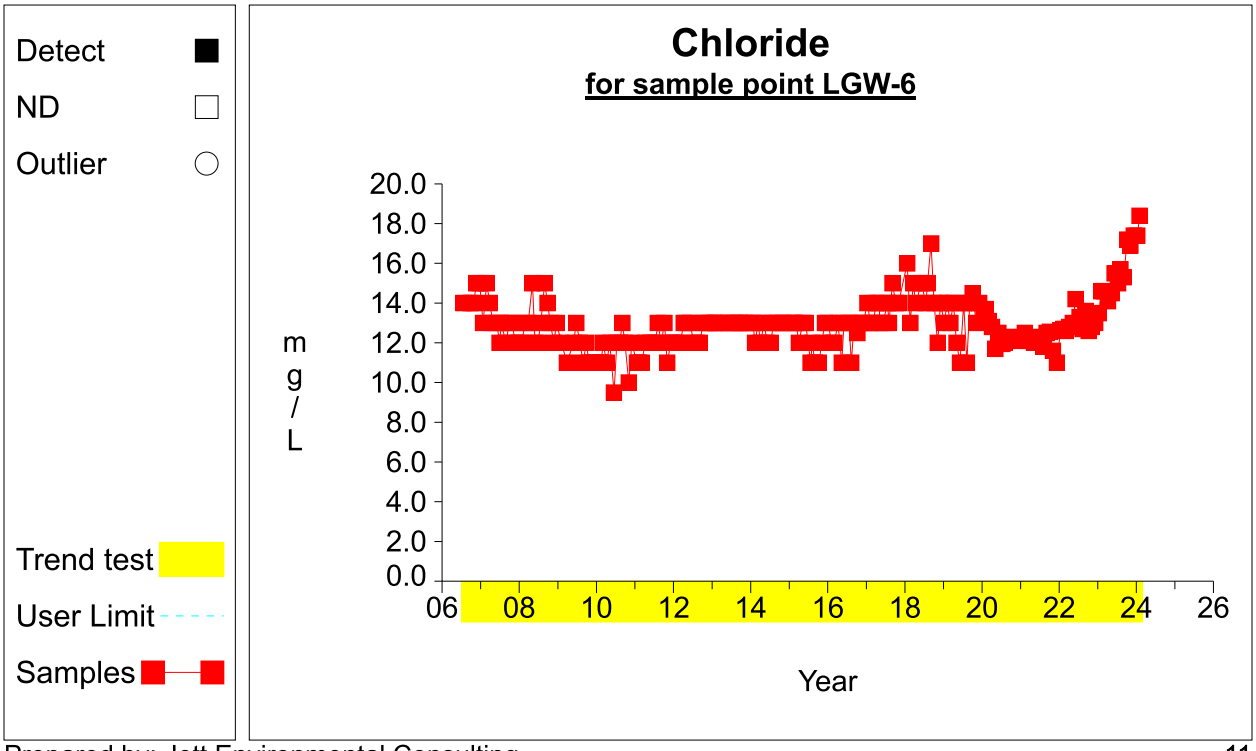
Time Series


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
26
Year

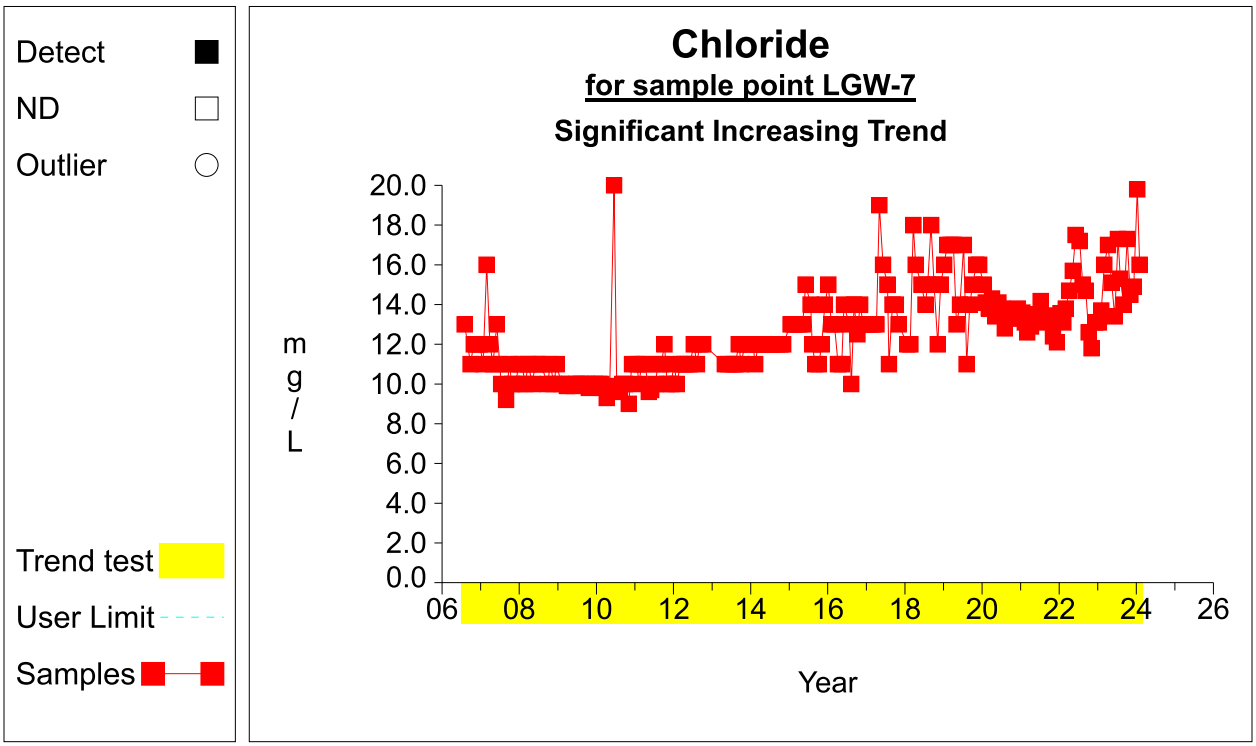

Detect
ND
Outlier
Trend test
User Limit
Samples
Chloride
for sample point LGW-4
mg/L
50.
45.
40.
35.
30.
25.
20.
15.
10.
5.
0.
06
08
10
12
14
16
18
20
22
24
26
Year

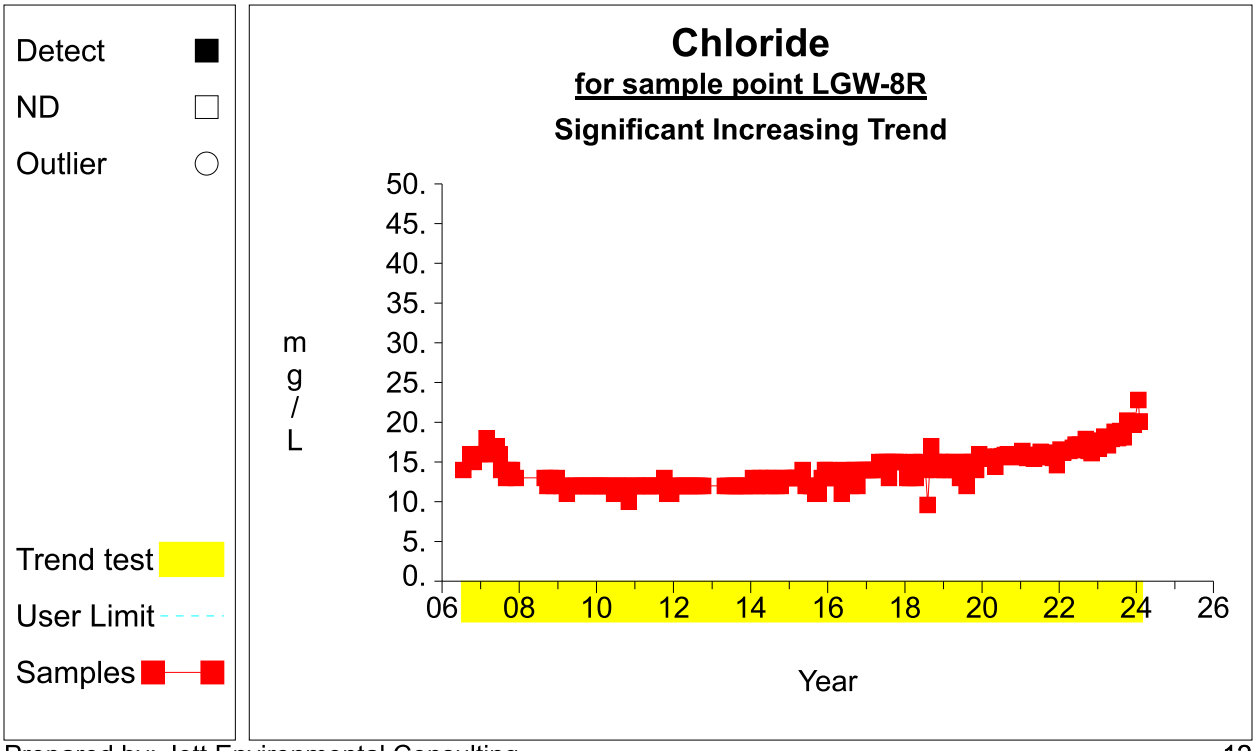
Time Series


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
26
Year

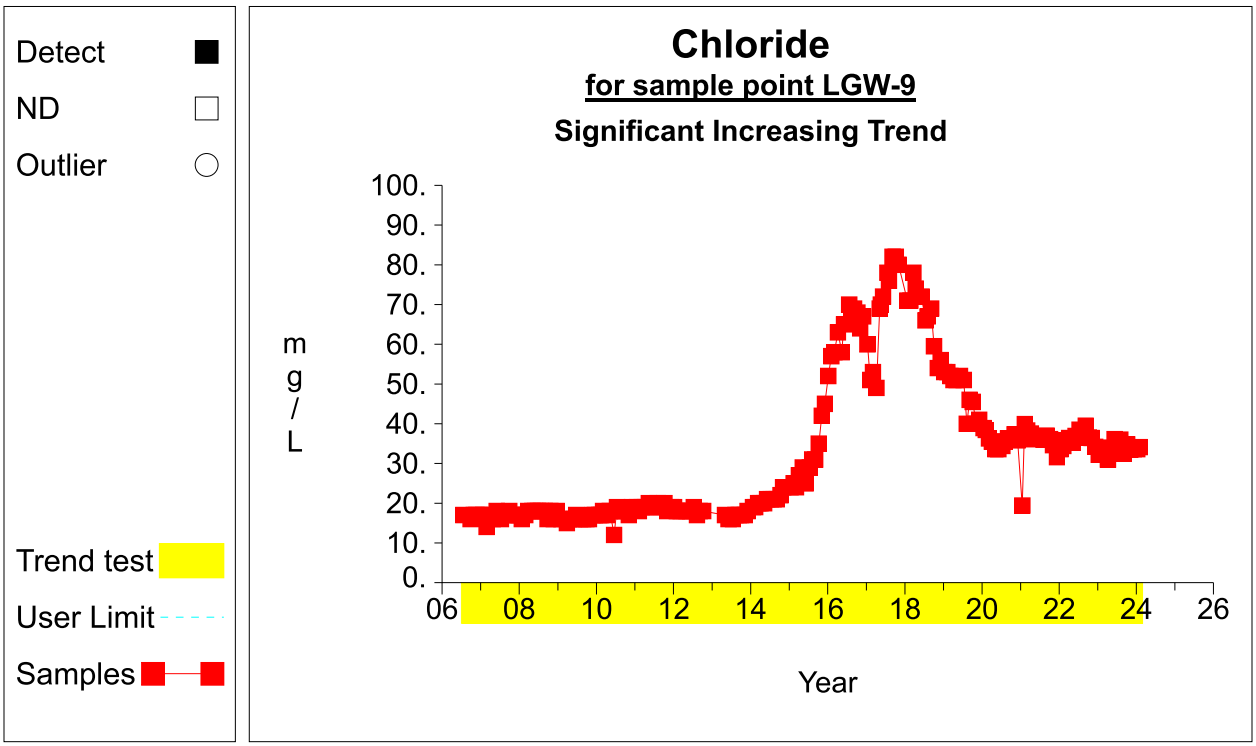

Detect
ND
Outlier
Trend test
User Limit
Samples
Chloride
for sample point LGW-6
mg/L
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
06
08
10
12
14
16
18
20
22
24
26
Year

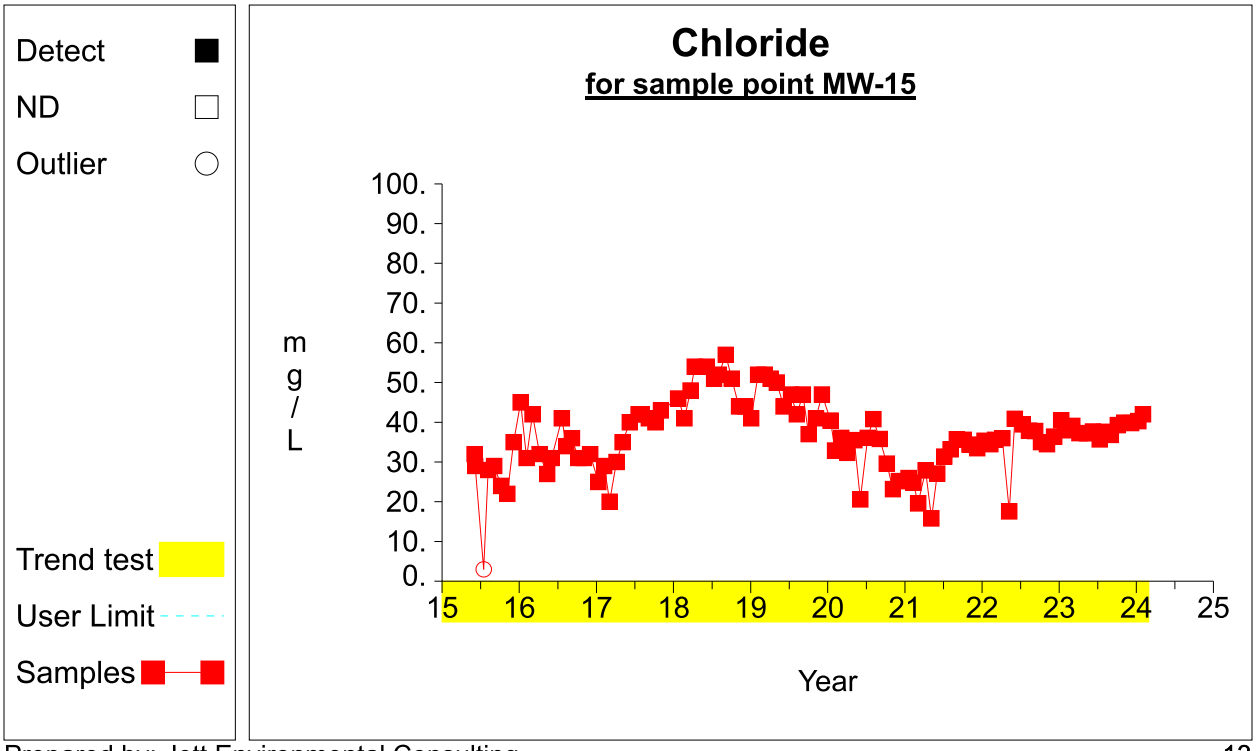
Time Series


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
26
Year

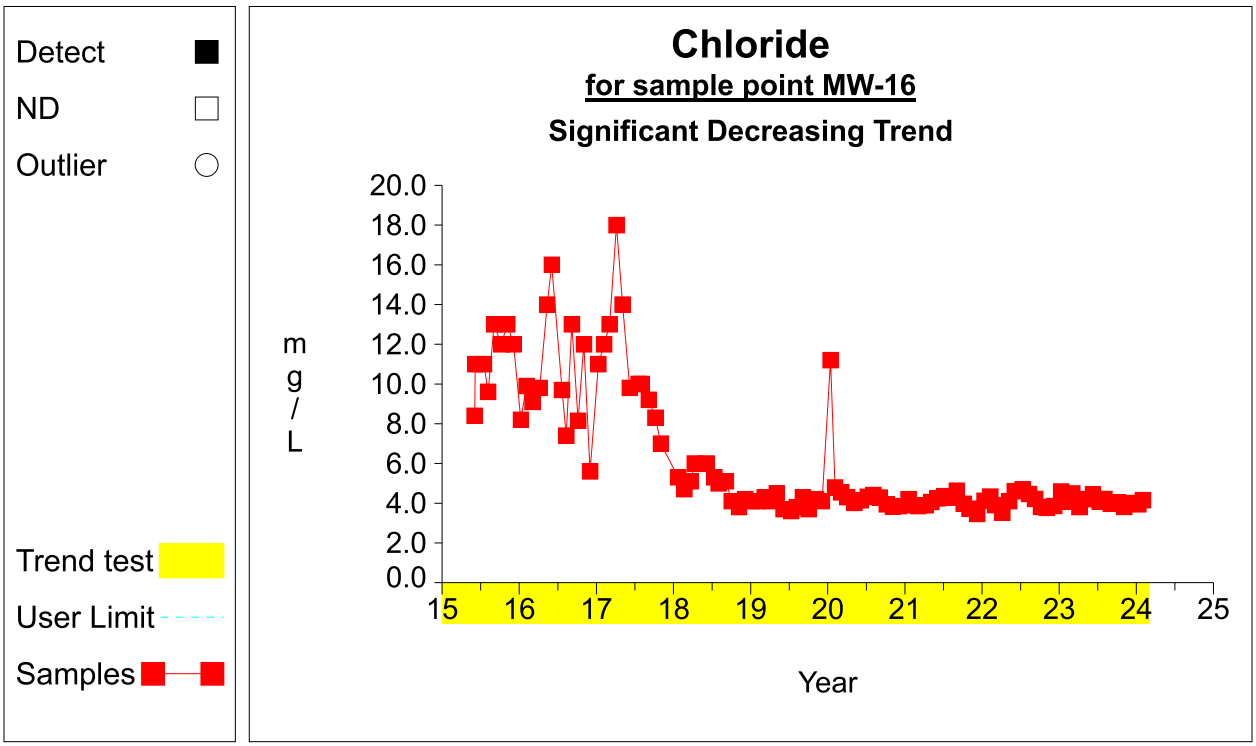

Detect
ND
Outlier
Trend test
User Limit
Samples
Chloride
for sample point LGW-8R
Significant Increasing Trend
mg/L
50.
45.
40.
35.
30.
25.
20.
15.
10.
5.
0.
06
08
10
12
14
16
18
20
22
24
26
Year

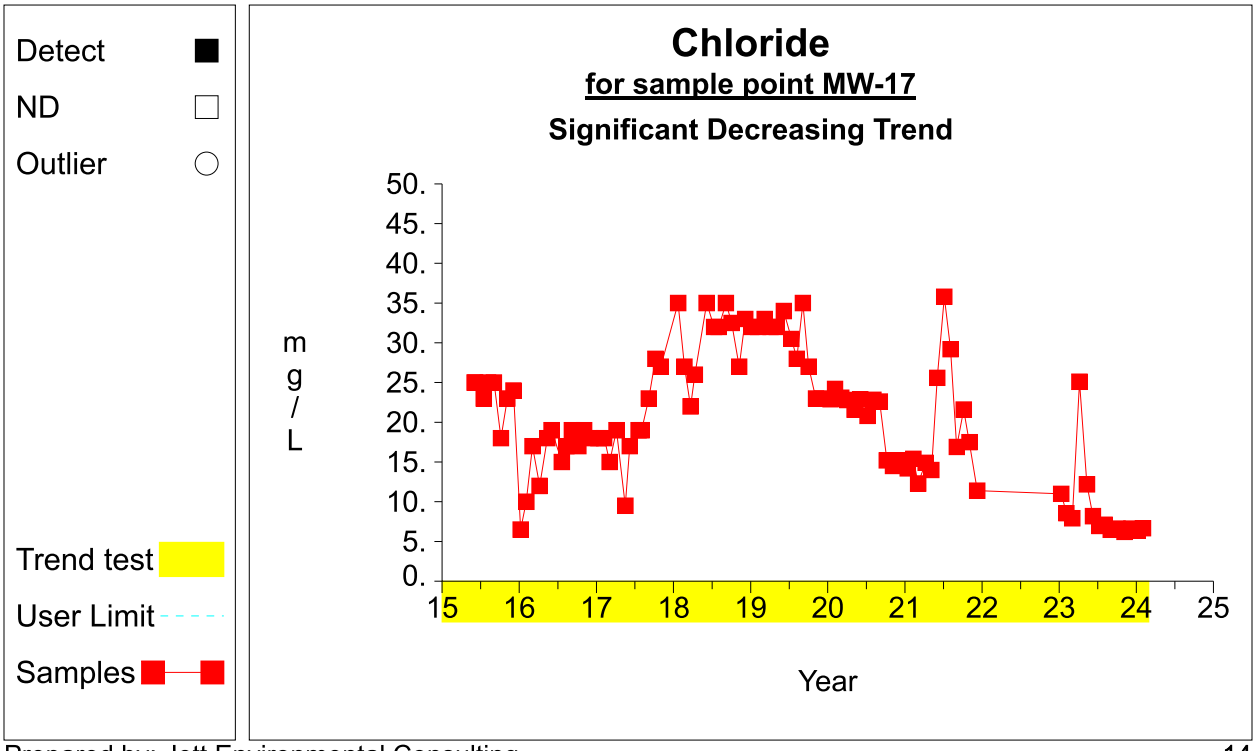
Time Series


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
26
Year

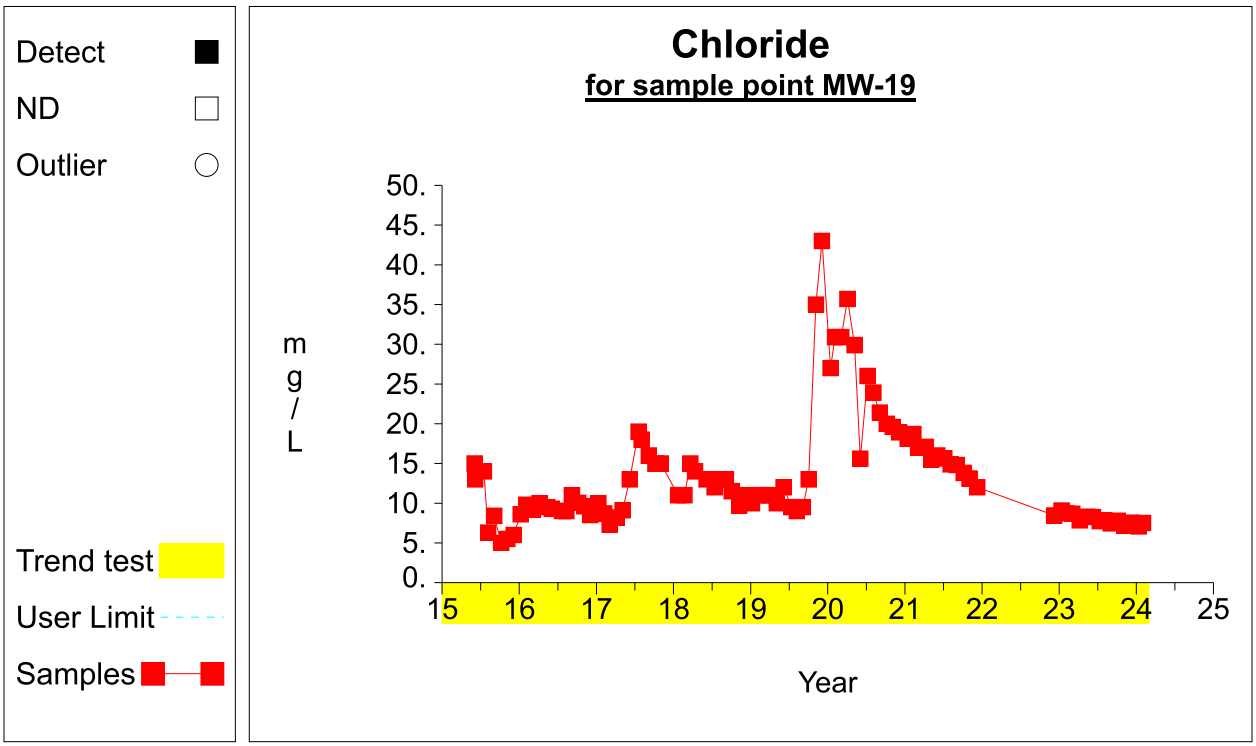

Detect
ND
Outlier
Trend test
User Limit
Samples
Chloride
for sample point MW-15
mg/L
100.
90.
80.
70.
60.
50.
40.
30.
20.
10.
0.
15
16
17
18
19
20
21
22
23
24
25
Year

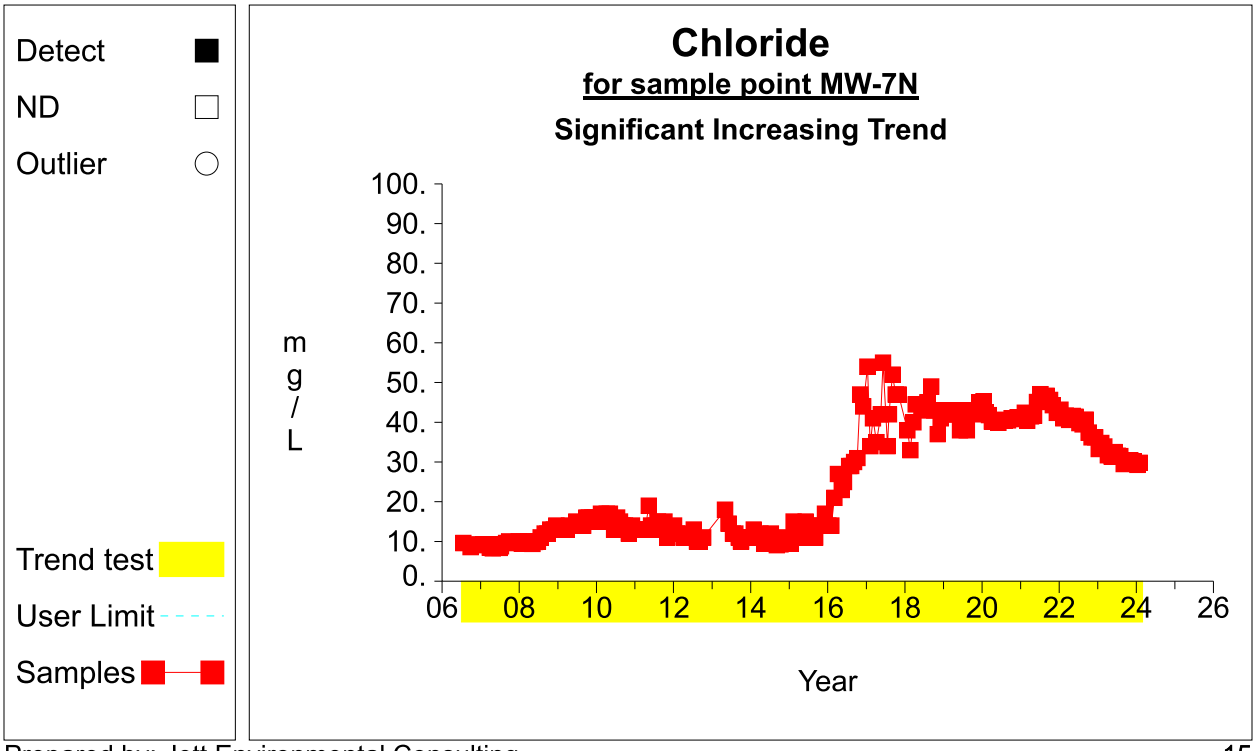
Time Series


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
25
Year

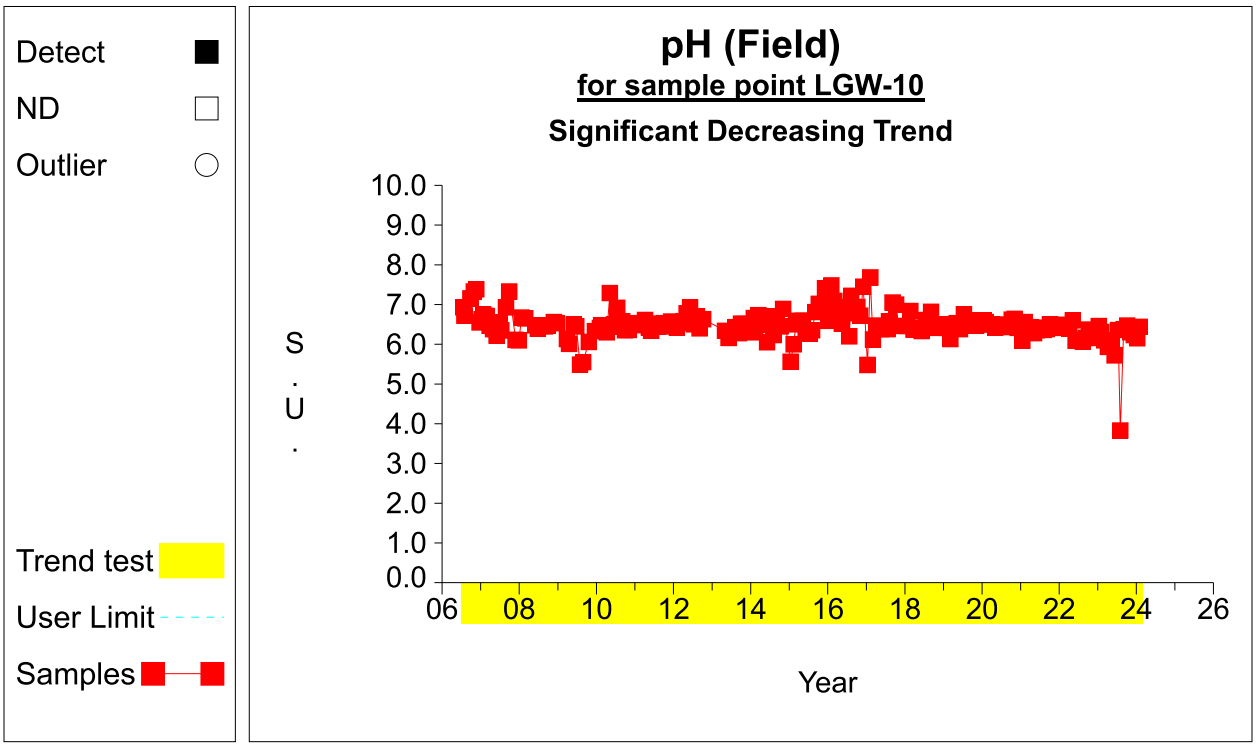

Detect
ND
Outlier
Trend test
User Limit
Samples
Chloride
for sample point MW-17
Significant Decreasing Trend
mg/L
50.
45.
40.
35.
30.
25.
20.
15.
10.
5.
0.
15
16
17
18
19
20
21
22
23
24
25
Year

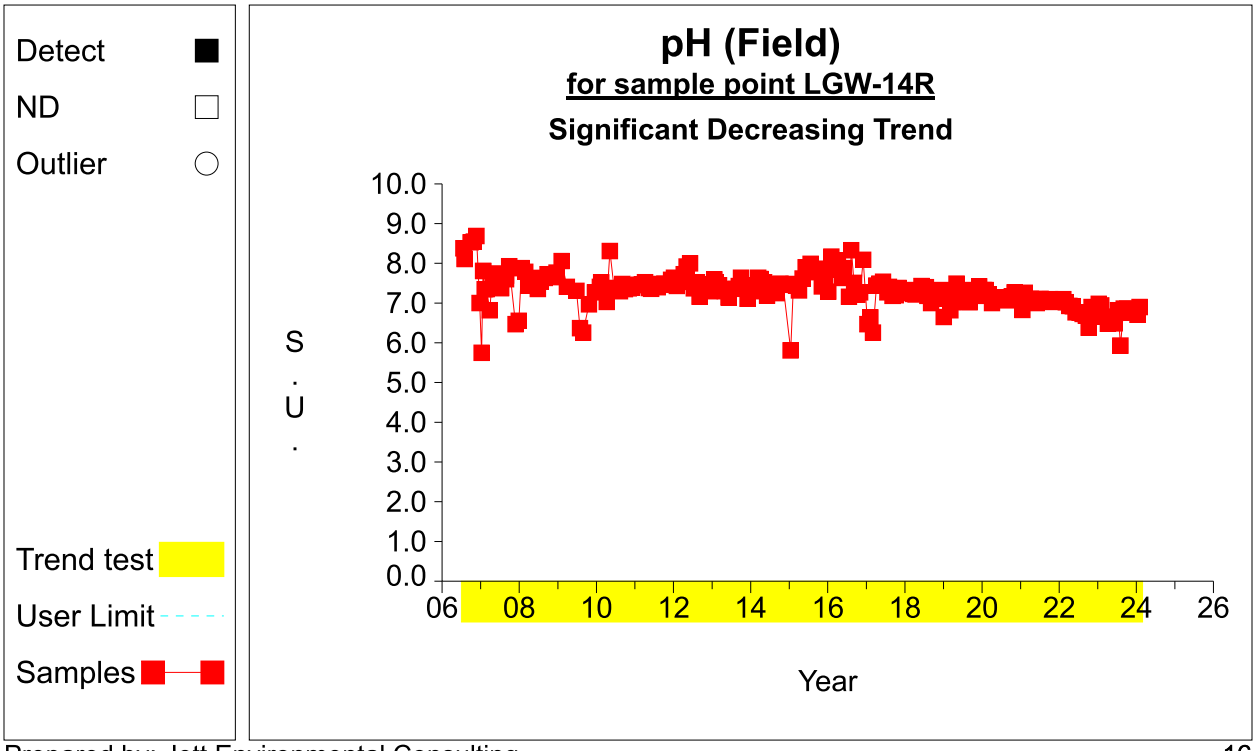
Time Series


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
25
Year

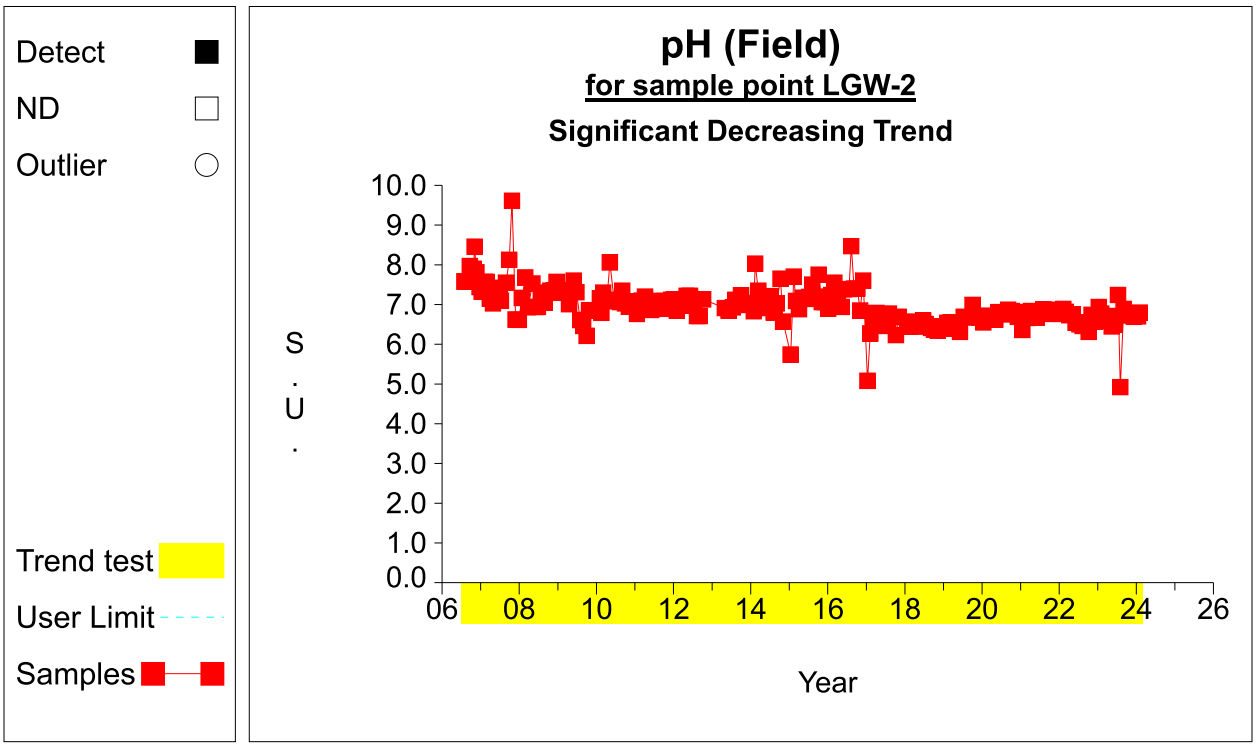

Detect
ND
Outlier
Trend test
User Limit
Samples
Chloride
for sample point MW-7N
Significant Increasing Trend
mg/L
100.
90.
80.
70.
60.
50.
40.
30.
20.
10.
0.
06
08
10
12
14
16
18
20
22
24
26
Year

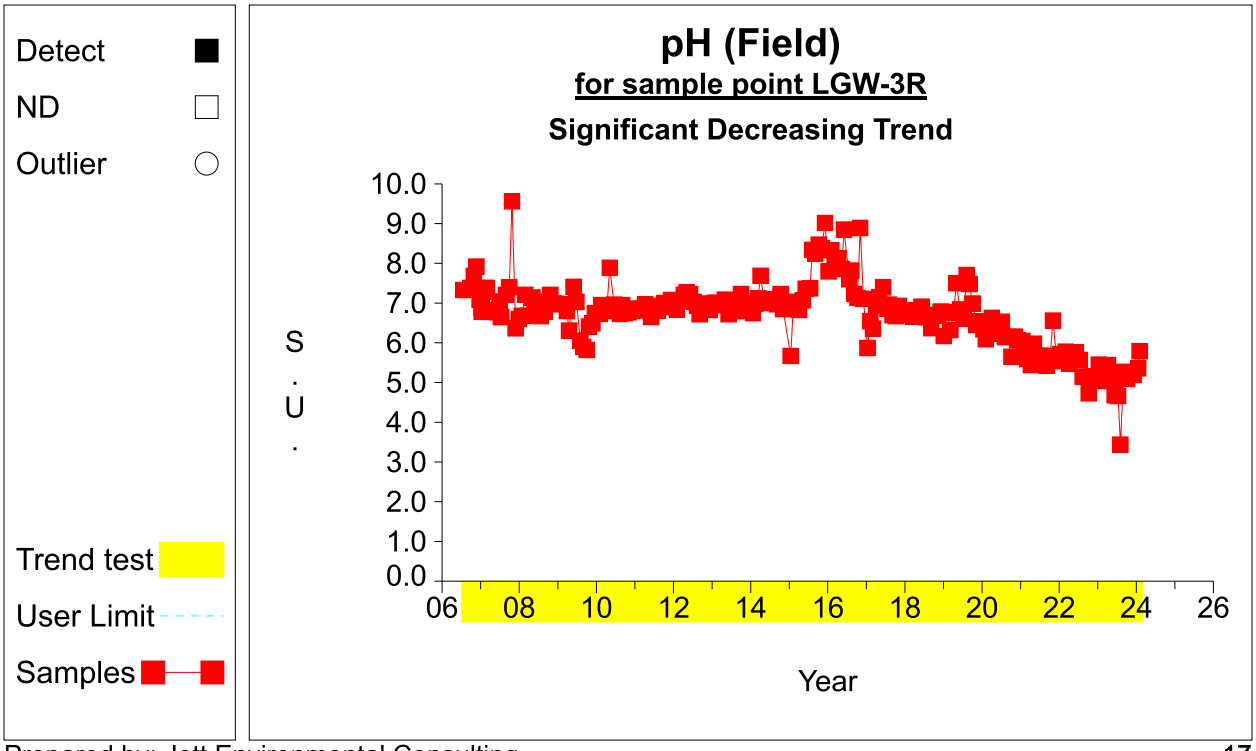
Time Series


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
26
Year

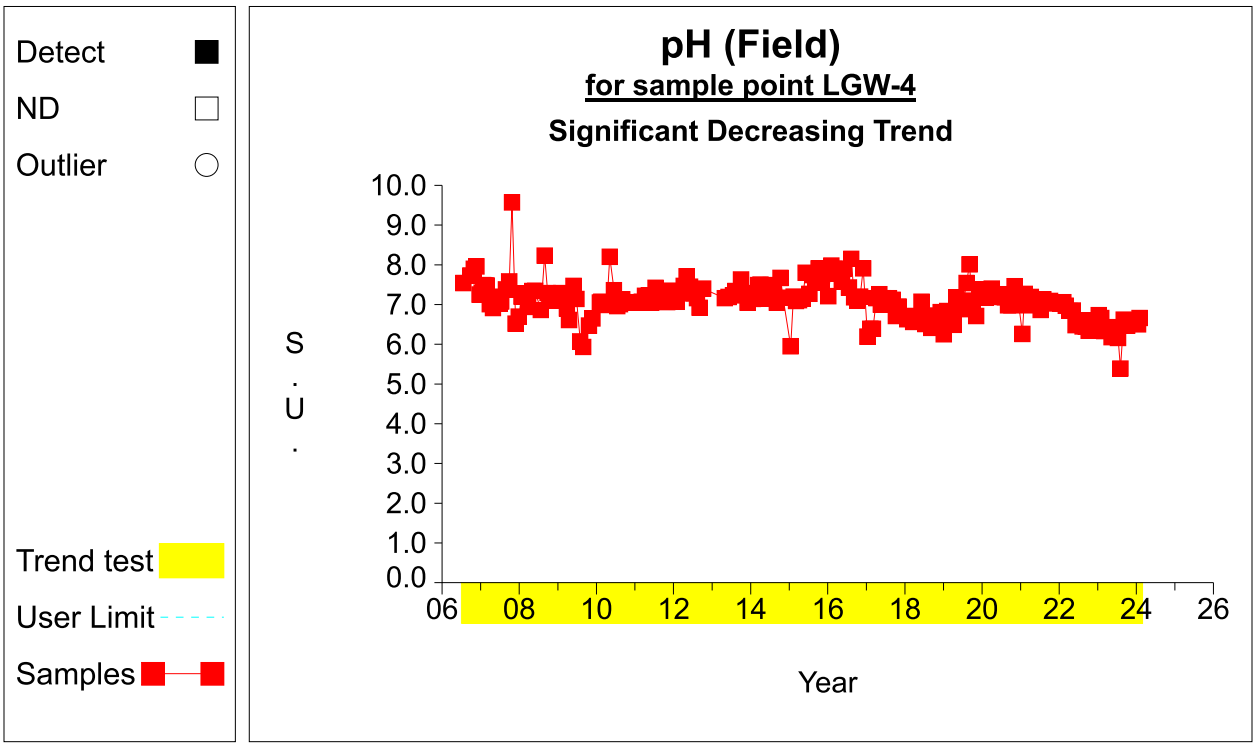

Detect
ND
Outlier
Trend test
User Limit
Samples
pH (Field)
for sample point LGW-14R
Significant Decreasing Trend
S.U.
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
06
08
10
12
14
16
18
20
22
24
26
Year

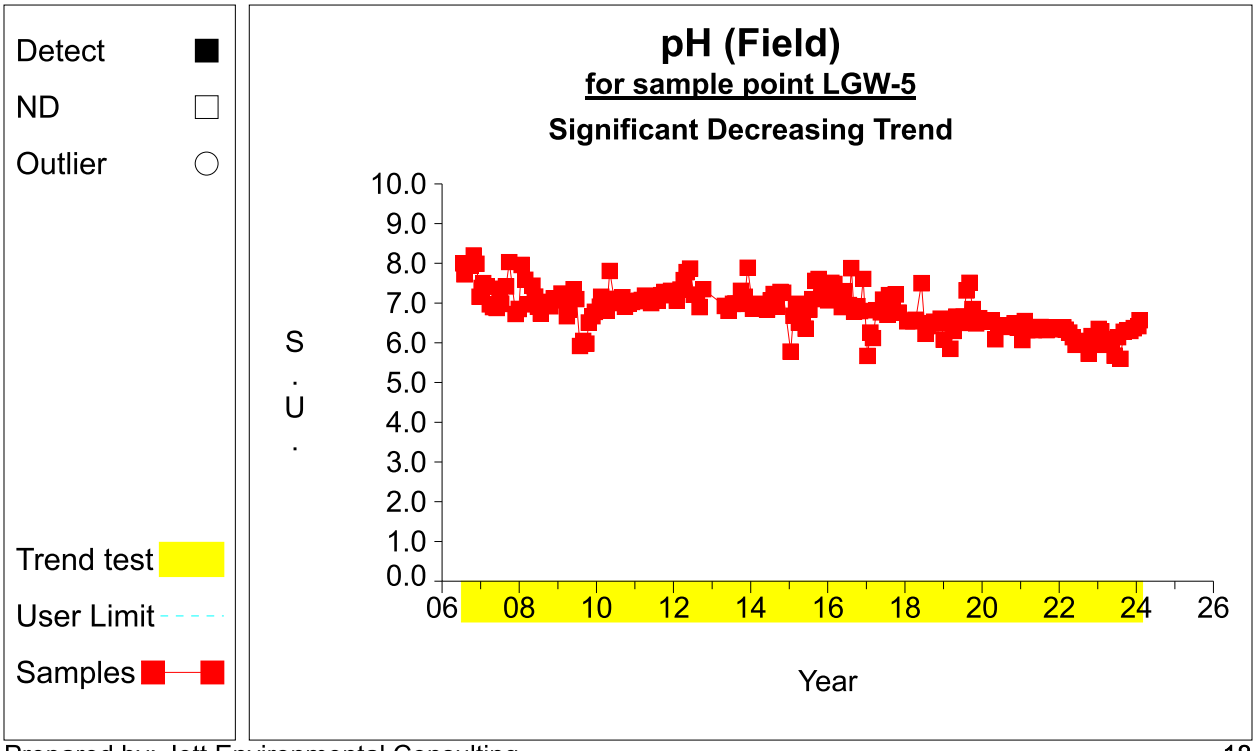
Time Series


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
26
Year

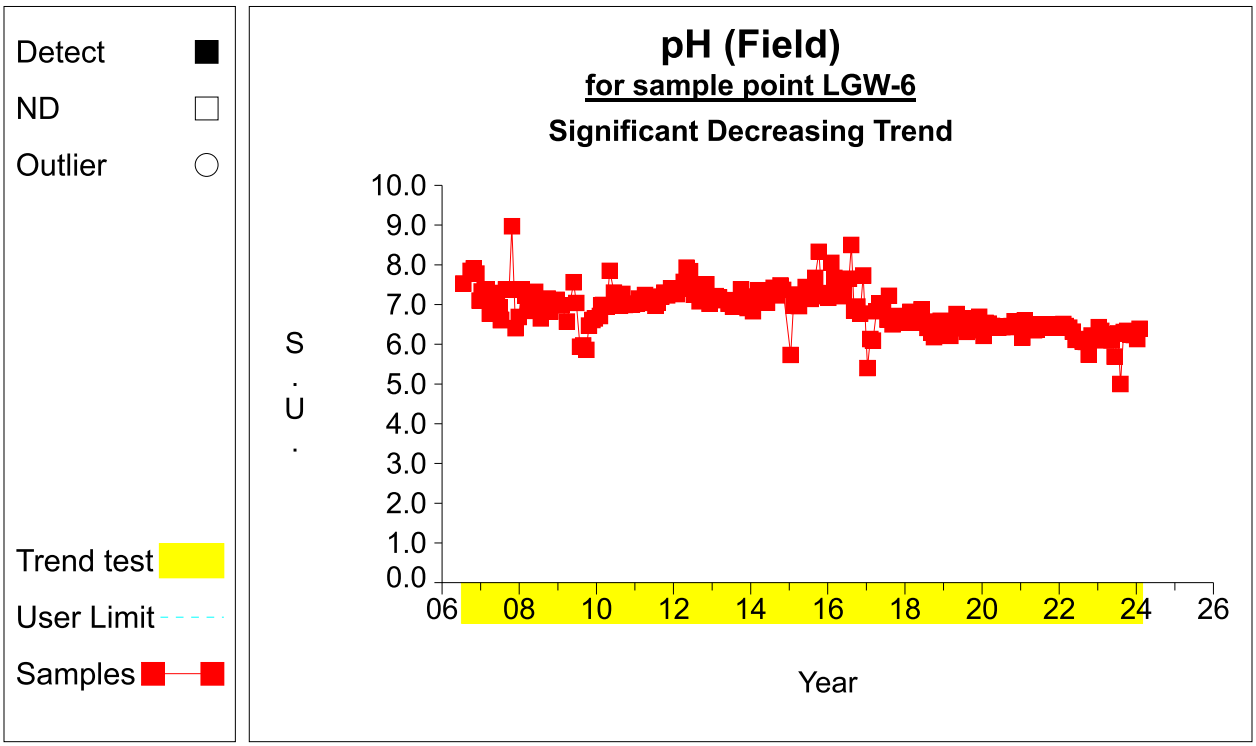

Detect
ND
Outlier
Trend test
User Limit
Samples
pH (Field)
for sample point LGW-3R
Significant Decreasing Trend
S.U.
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
06
08
10
12
14
16
18
20
22
24
26
Year

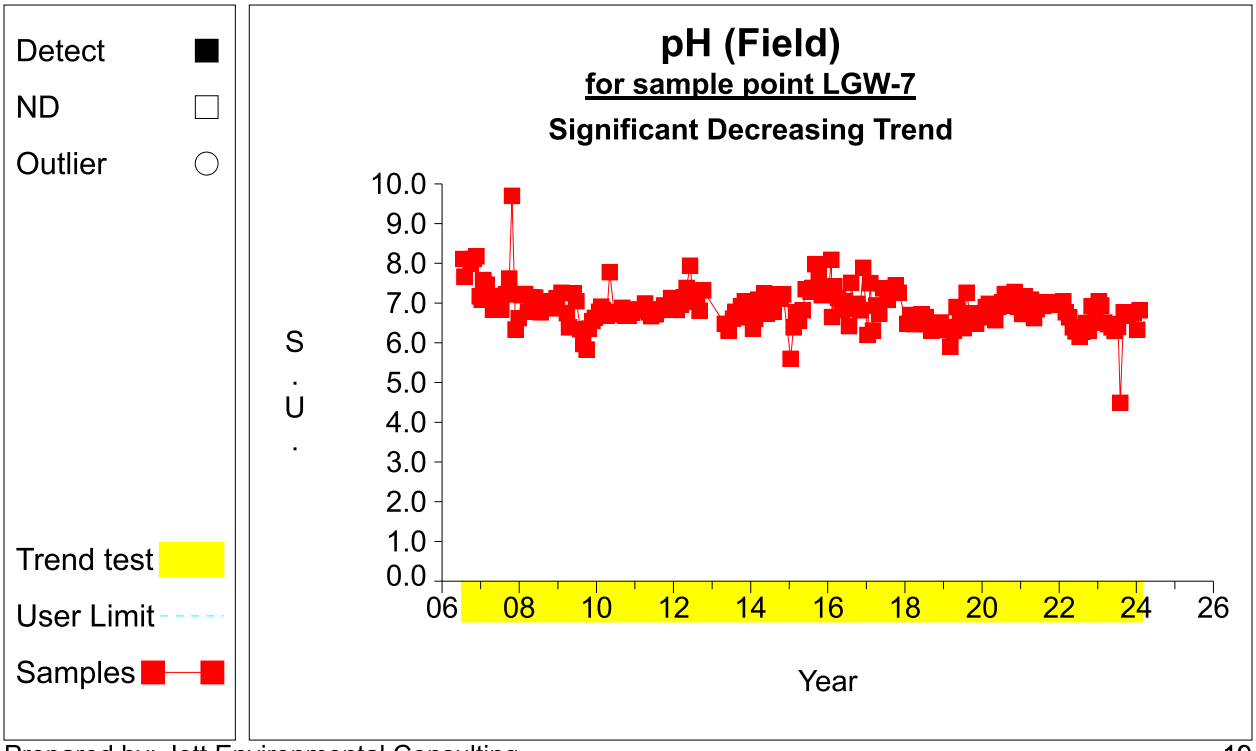
Time Series


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
26
Year

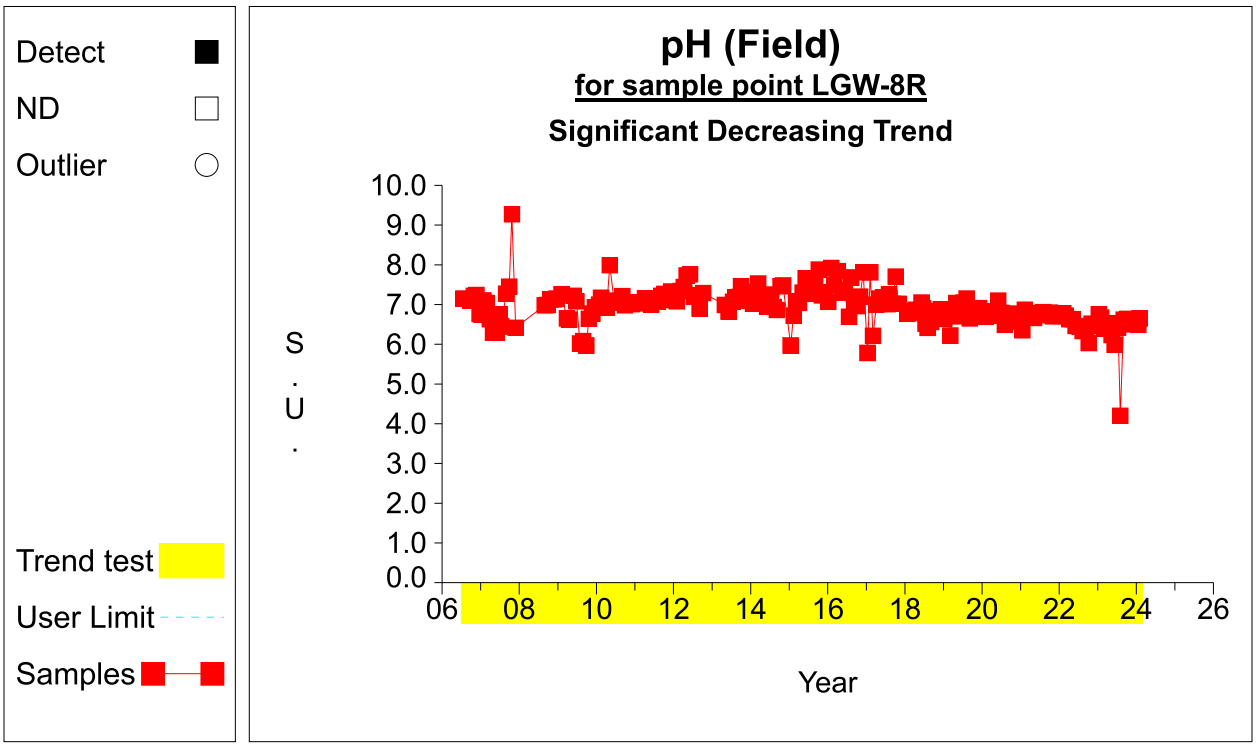

Detect
ND
Outlier
Trend test
User Limit
Samples
pH (Field)
for sample point LGW-5
Significant Decreasing Trend
S.U.
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
06
08
10
12
14
16
18
20
22
24
26
Year

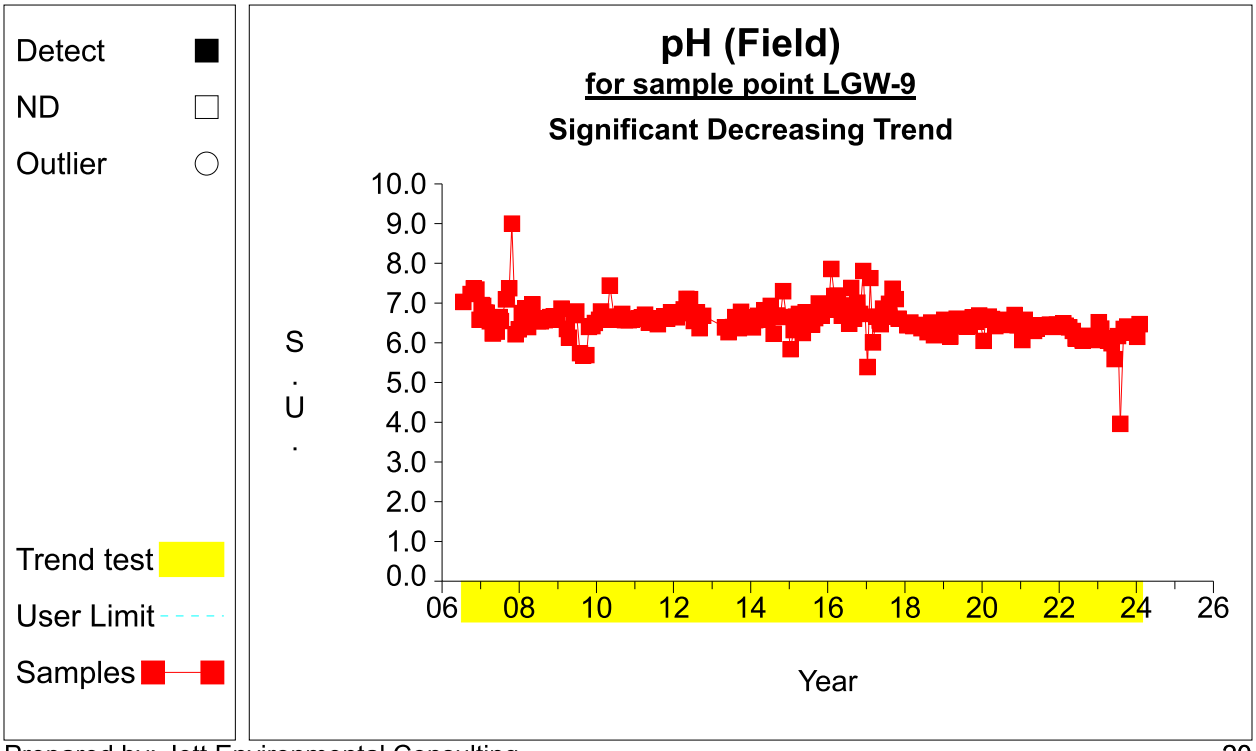
Time Series


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
26
Year

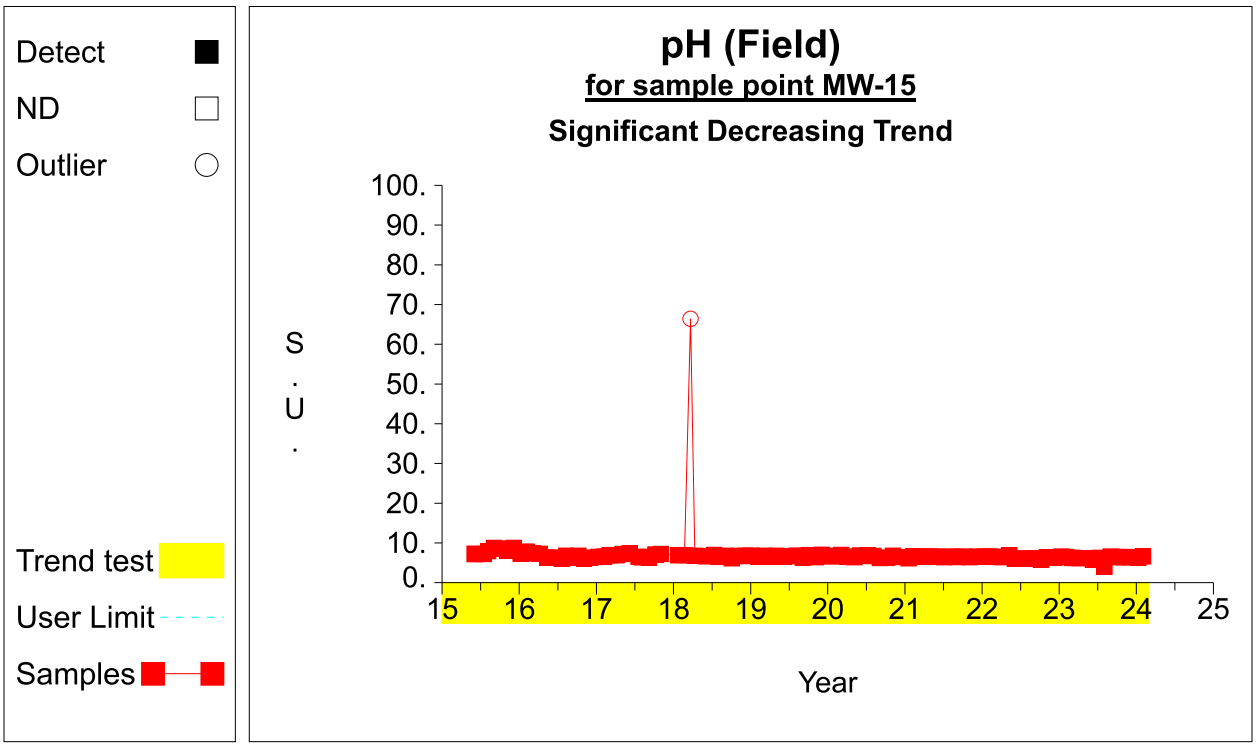

Detect
ND
Outlier
Trend test
User Limit
Samples
pH (Field)
for sample point LGW-7
Significant Decreasing Trend
S.U.
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
06
08
10
12
14
16
18
20
22
24
26
Year

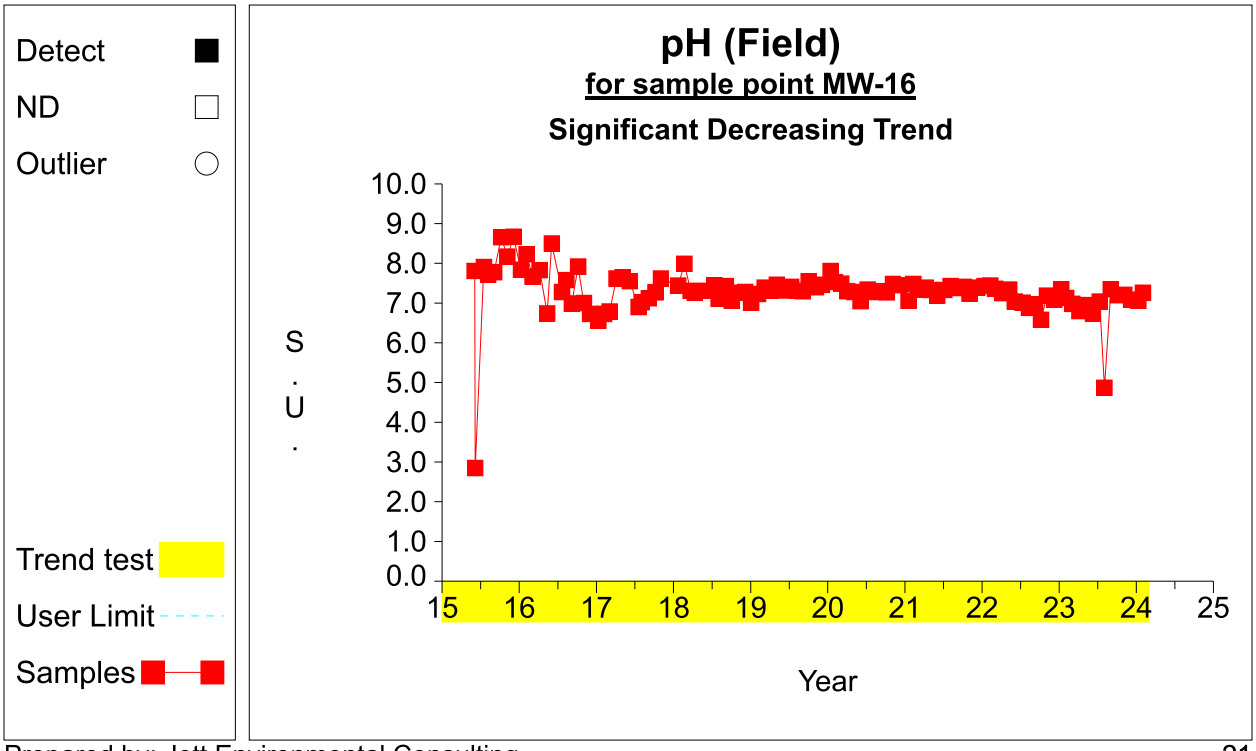
Time Series


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
26
Year

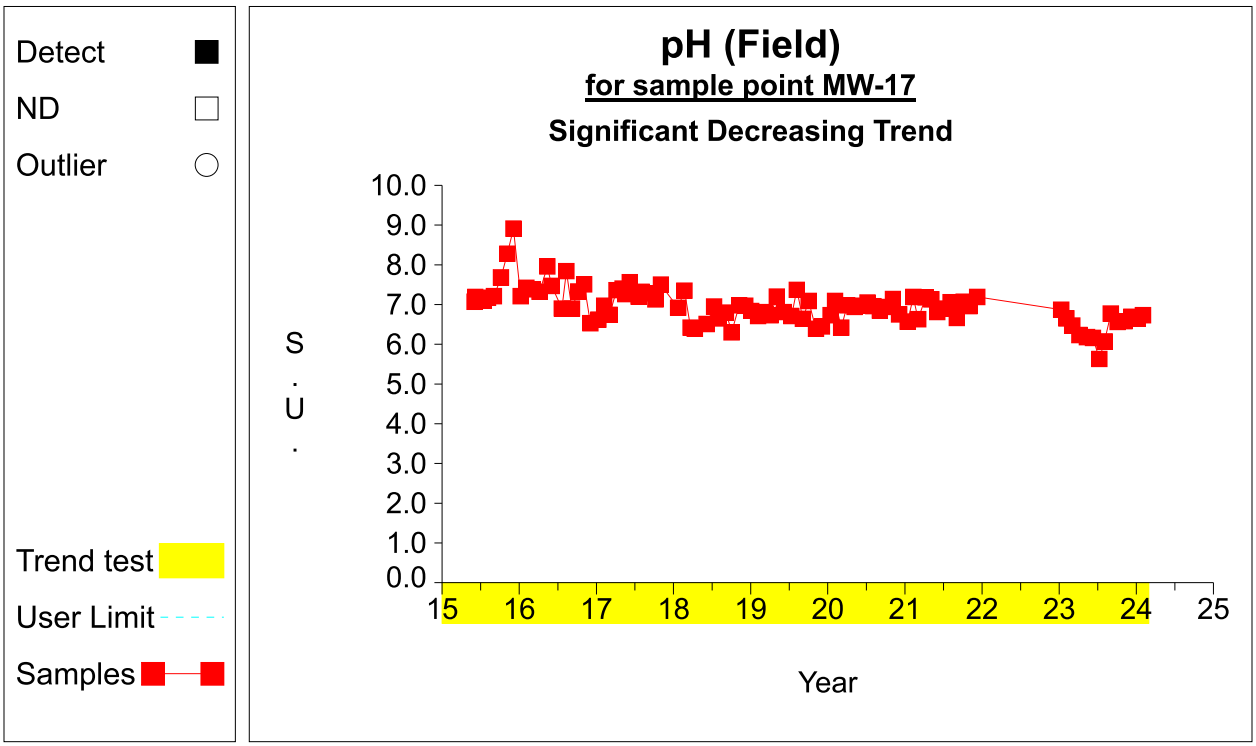

Detect
ND
Outlier
Trend test
User Limit
Samples
pH (Field)
for sample point LGW-9
Significant Decreasing Trend
S.U.
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
06
08
10
12
14
16
18
20
22
24
26
Year

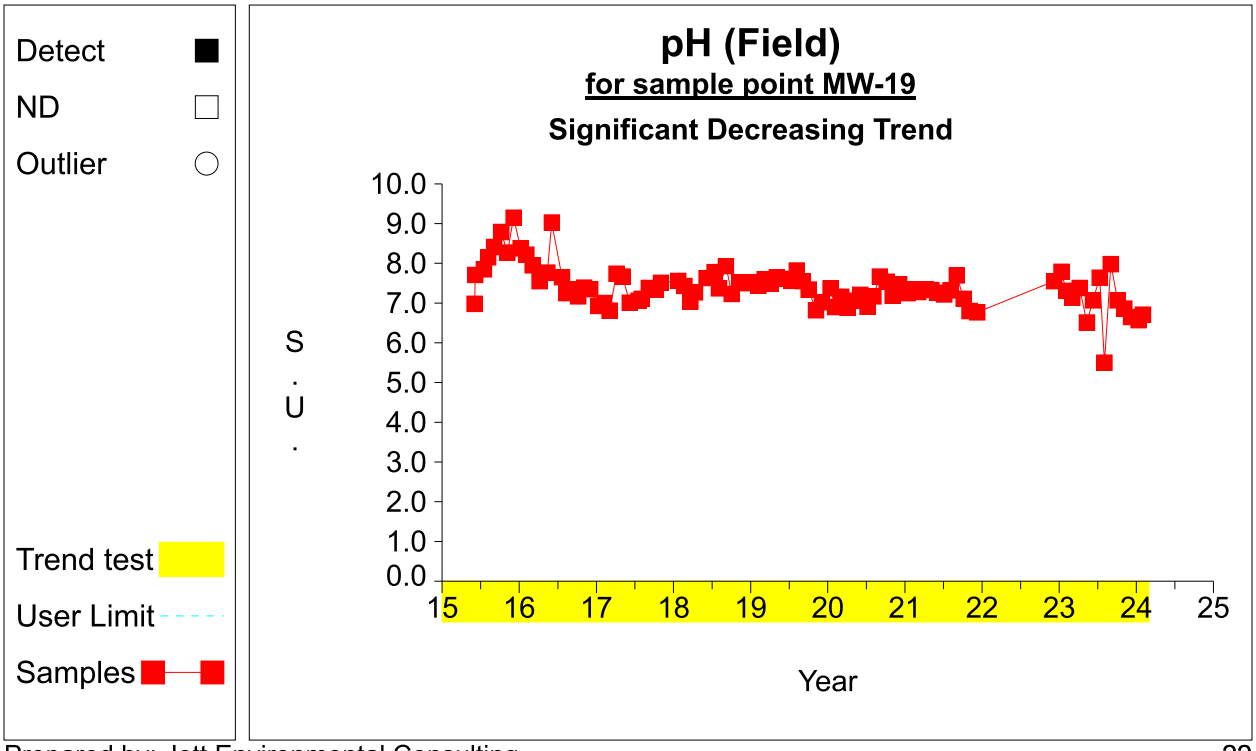
Time Series


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
25
Year

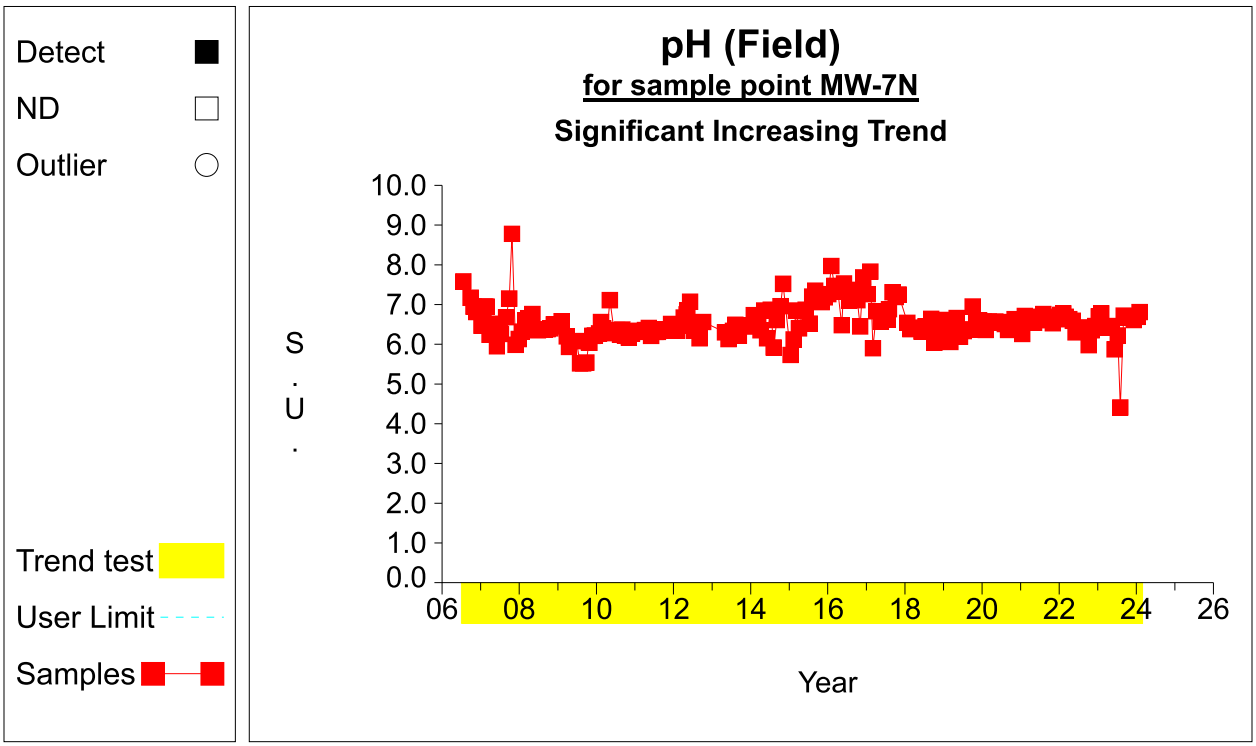

Detect
ND
Outlier
Trend test
User Limit
Samples
pH (Field)
for sample point MW-16
Significant Decreasing Trend
S.U.
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
15
16
17
18
19
20
21
22
23
24
25
Year

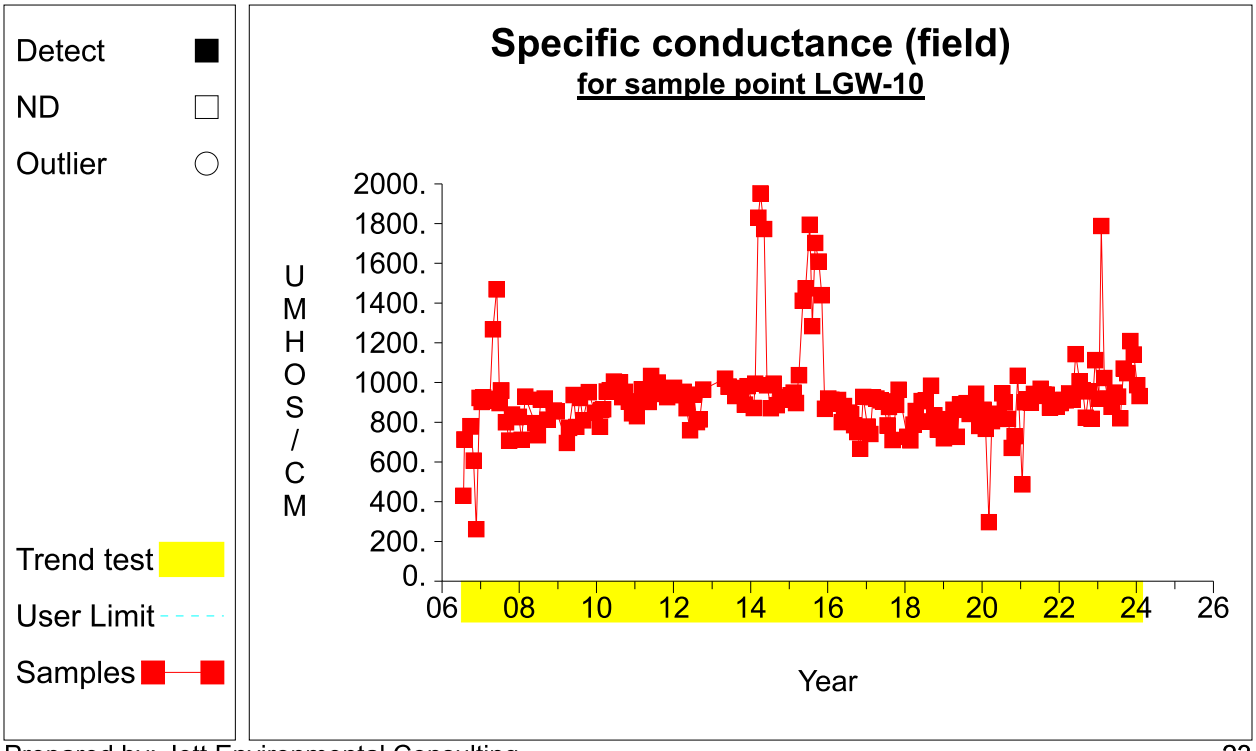
Time Series


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
25
Year

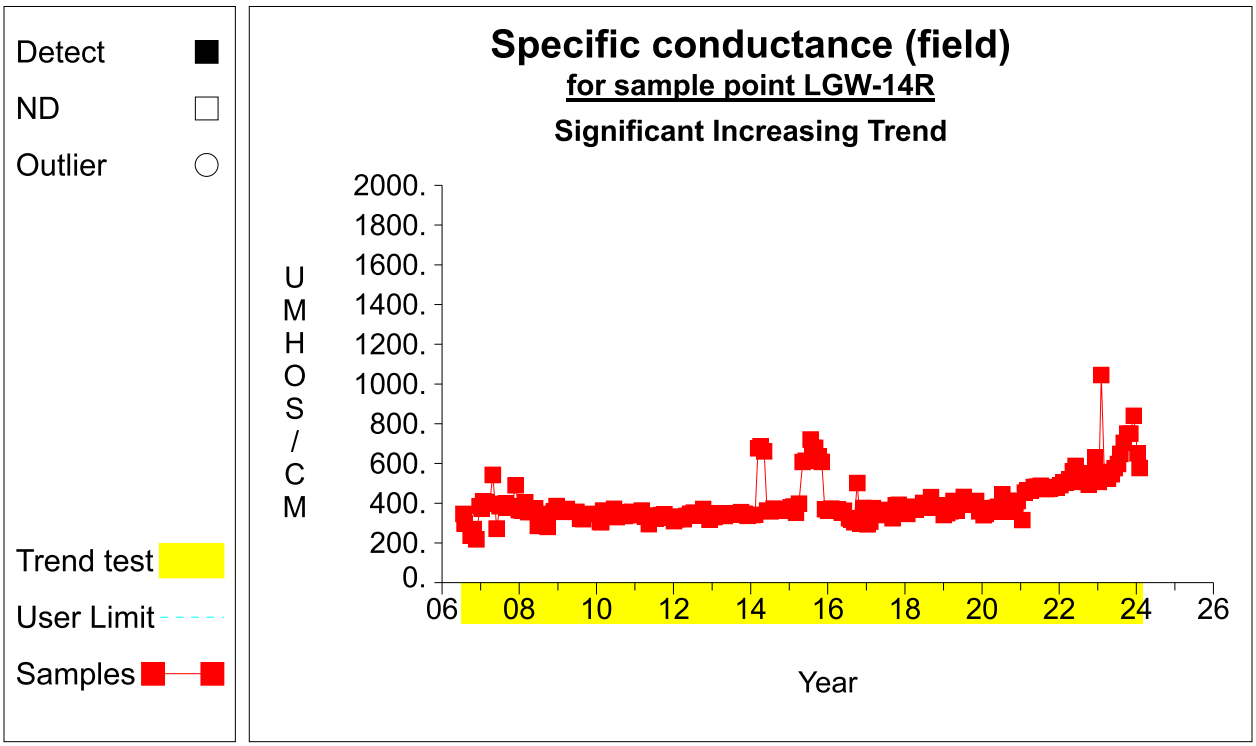

Detect
ND
Outlier
Trend test
User Limit
Samples
pH (Field)
for sample point MW-19
Significant Decreasing Trend
S.U.
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
15
16
17
18
19
20
21
22
23
24
25
Year

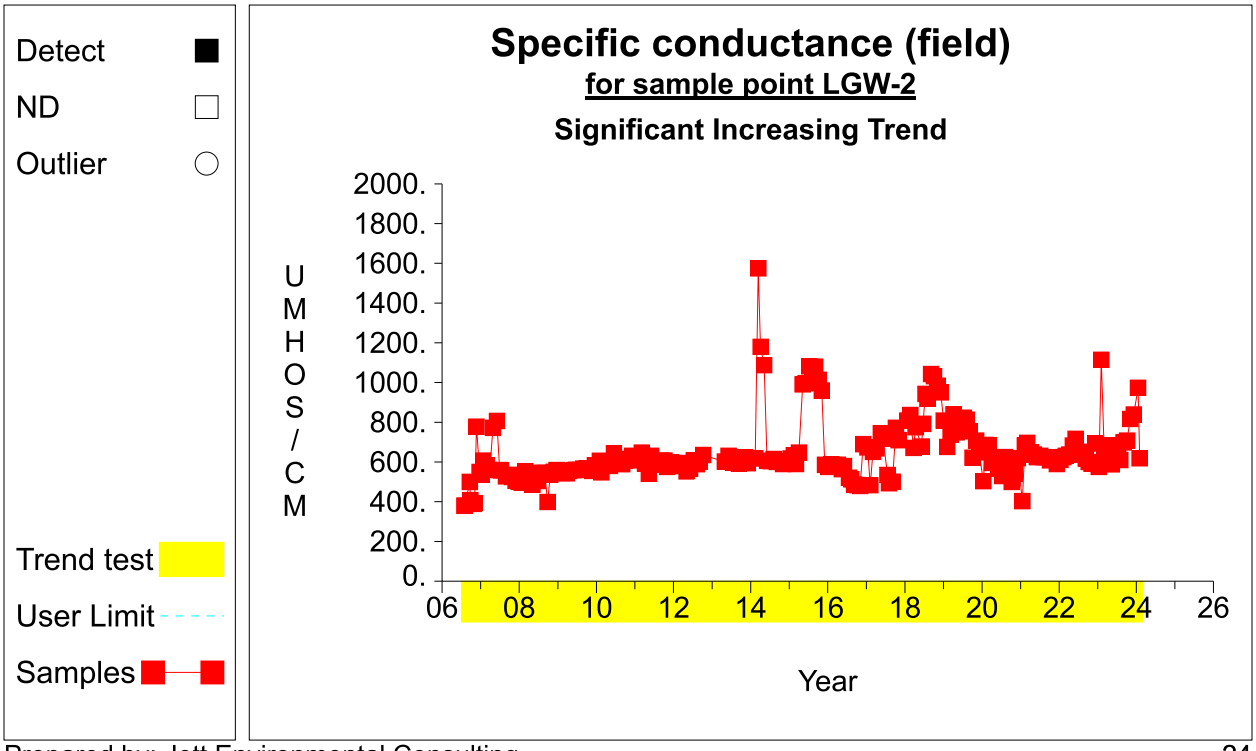
Time Series


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
26
Year

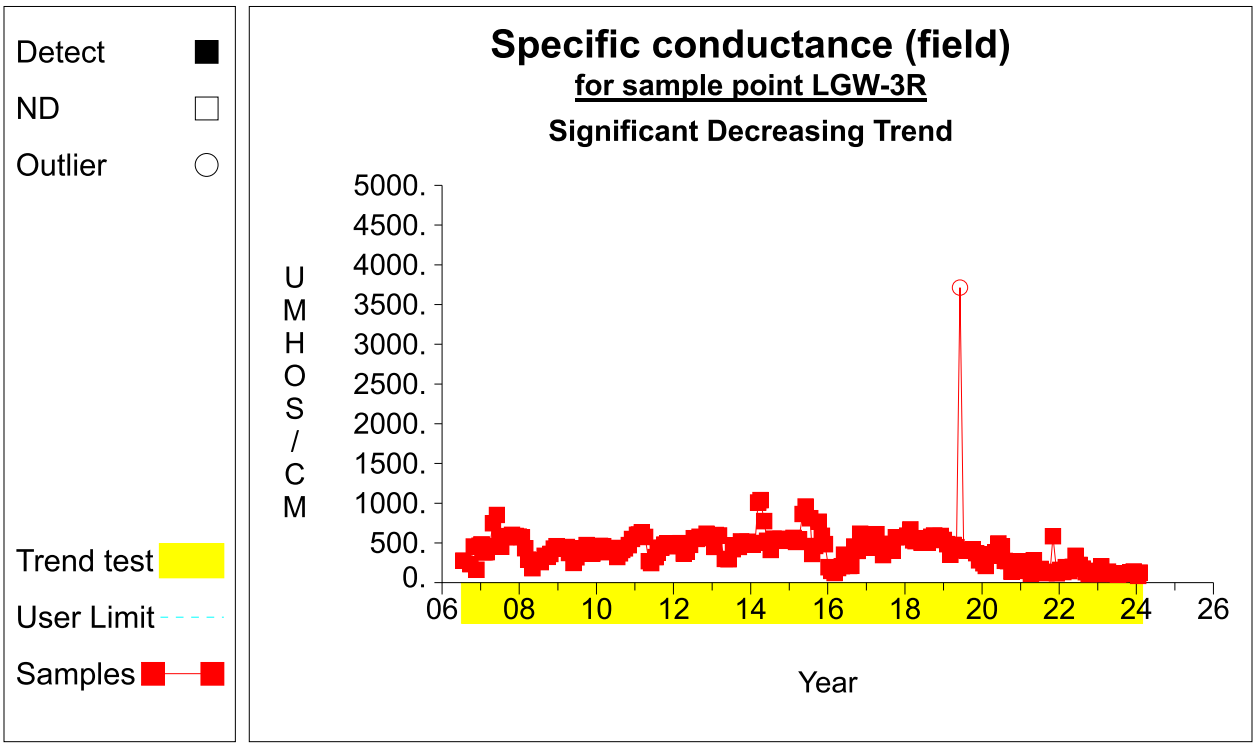

Detect
ND
Outlier
Trend test
User Limit
Samples
Specific conductance (field)
for sample point LGW-10
UMHOS/CM
2000.
1800.
1600.
1400.
1200.
1000.
800.
600.
400.
200.
0.
06
08
10
12
14
16
18
20
22
24
26
Year

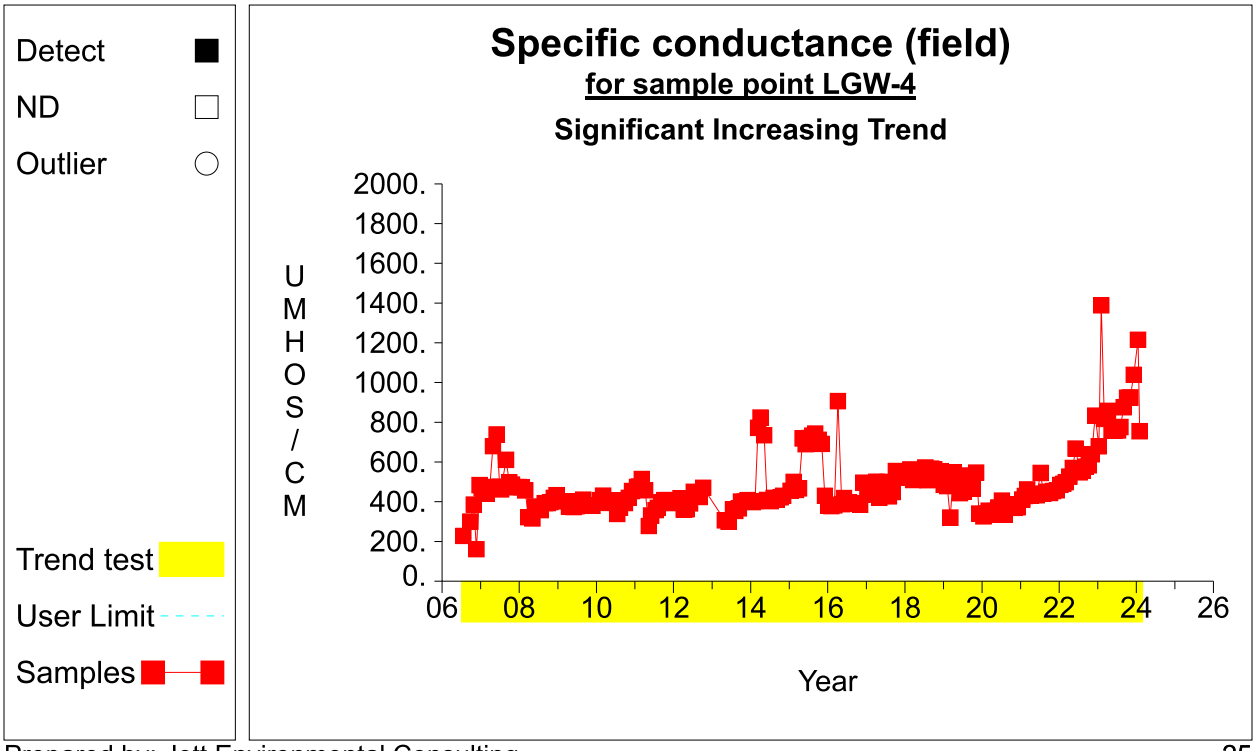
Time Series


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
26
Year

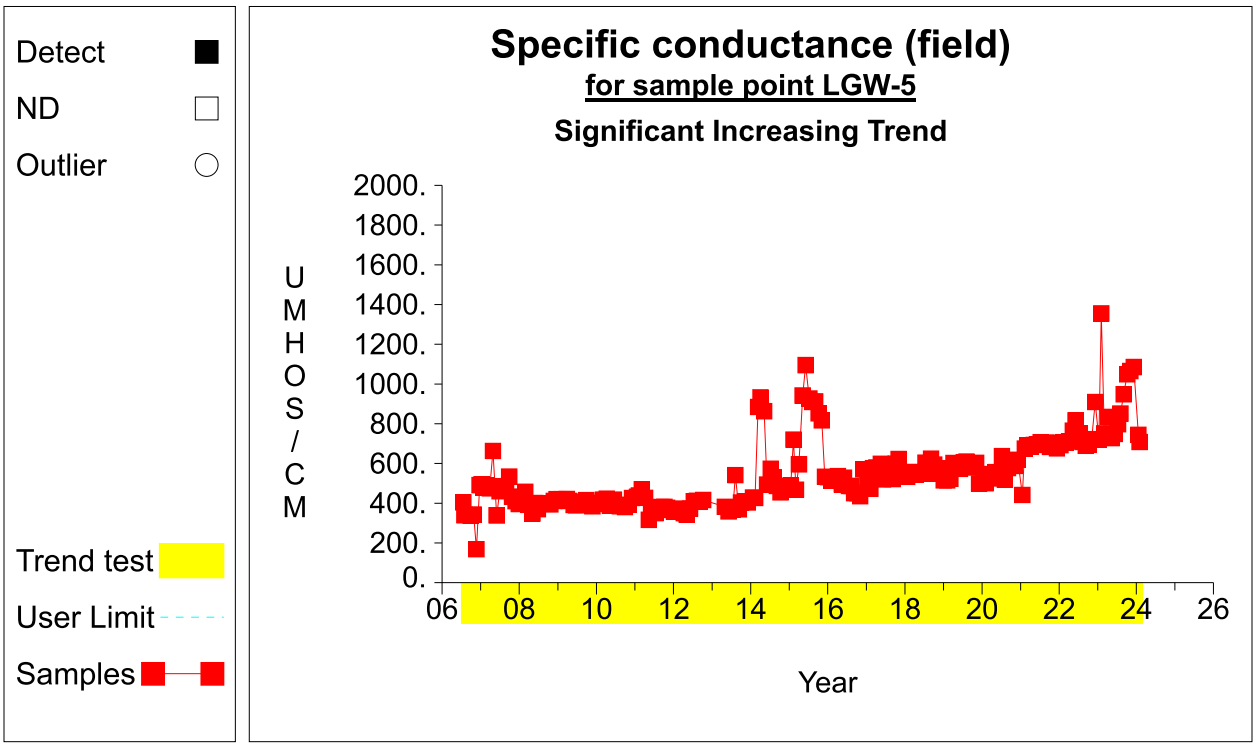

Detect
ND
Outlier
Trend test
User Limit
Samples
Specific conductance (field)
for sample point LGW-2
Significant Increasing Trend
UMHOS/CM
2000.
1800.
1600.
1400.
1200.
1000.
800.
600.
400.
200.
0.
06
08
10
12
14
16
18
20
22
24
26
Year

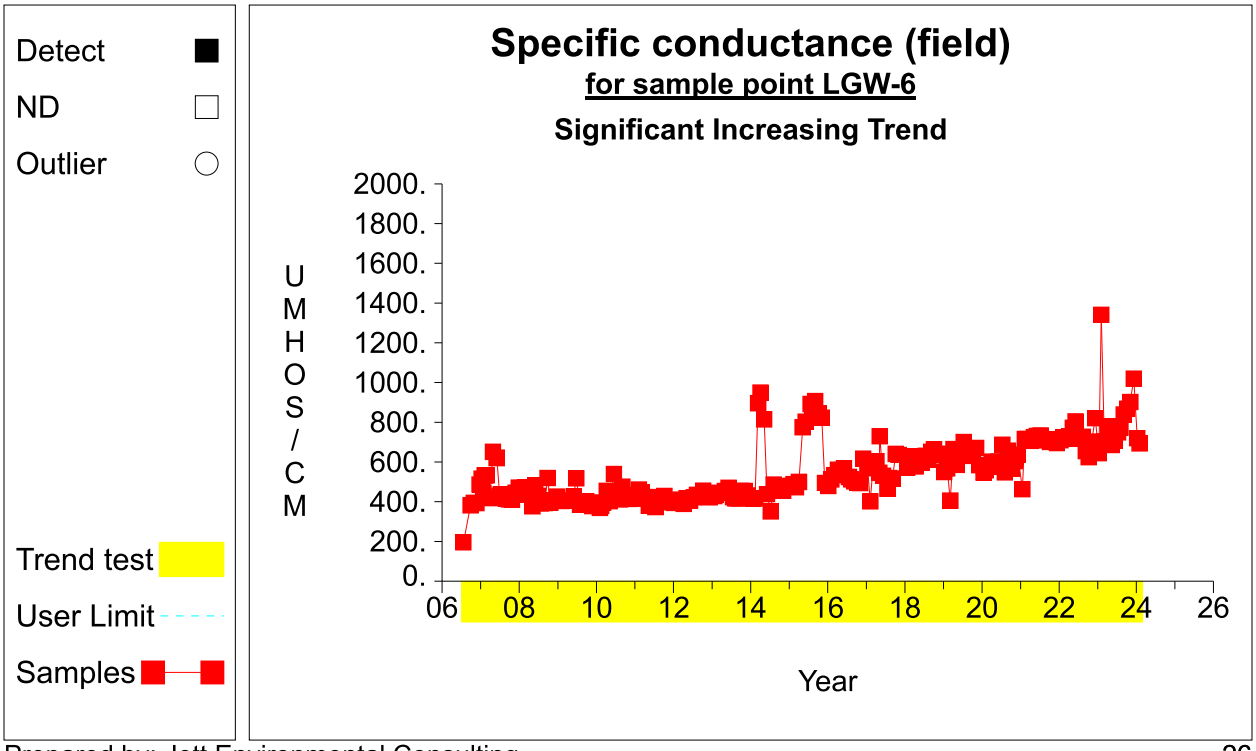
Time Series


Detect
ND
Outlier
Trend test
User Limit
Samples
Specific conductance (field)
for sample point LGW-3R
Significant Decreasing Trend
UMHOS/CM
5000.
4500.
4000.
3500.
3000.
2500.
2000.
1500.
1000.
500.
0.
06
08
10
12
14
16
18
20
22
24
26
Year

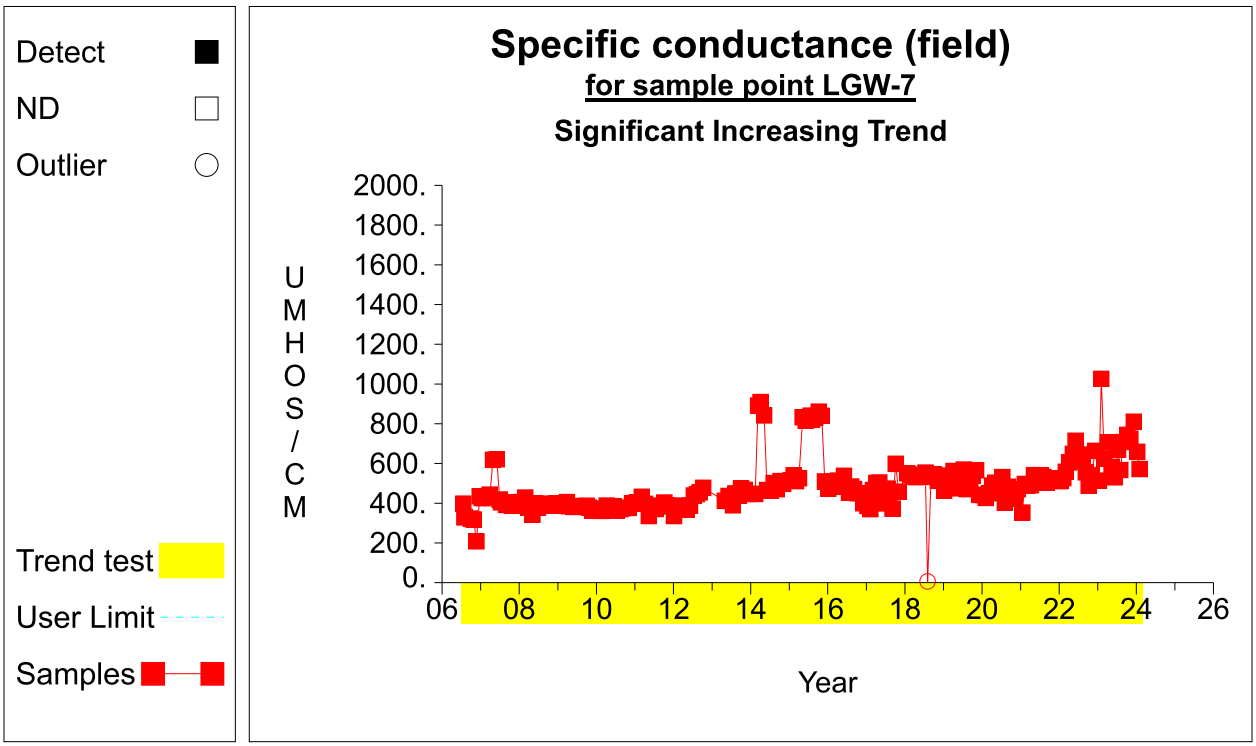

Detect
ND
Outlier
Trend test
User Limit
Samples
Specific conductance (field)
for sample point LGW-4
Significant Increasing Trend
UMHOS/CM
2000.
1800.
1600.
1400.
1200.
1000.
800.
600.
400.
200.
0.
06
08
10
12
14
16
18
20
22
24
26
Year

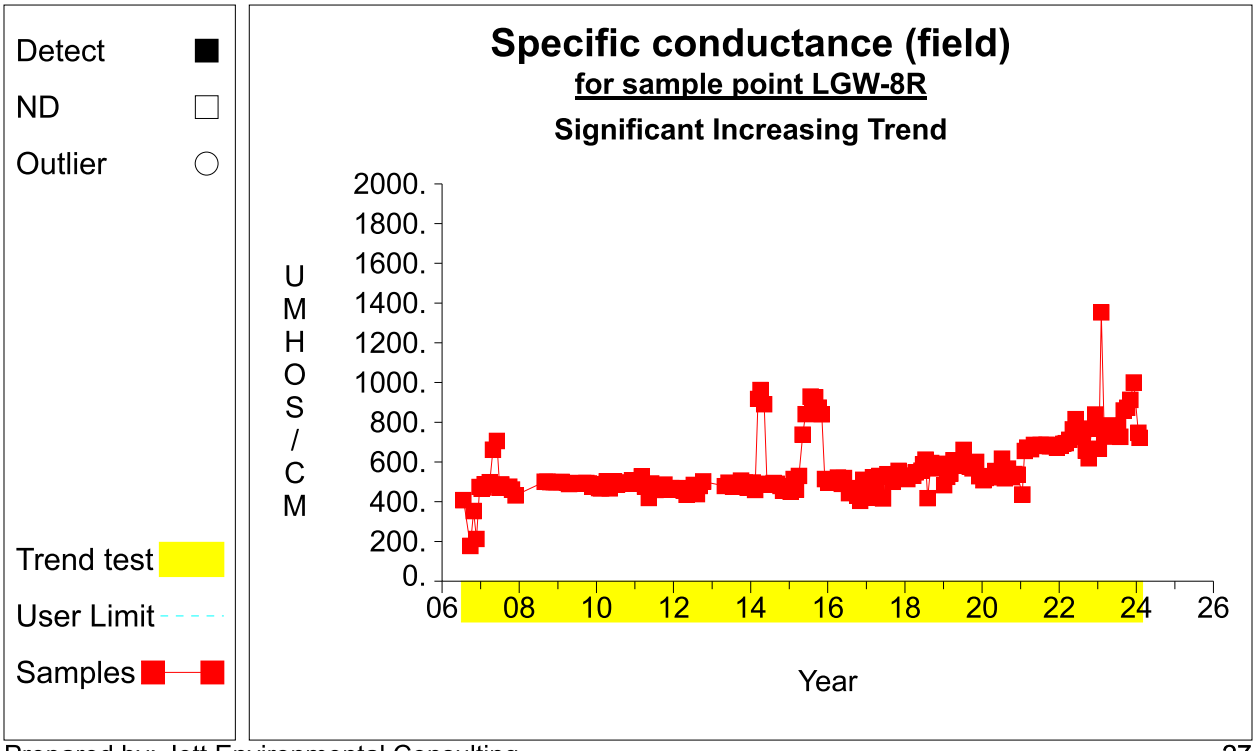
Time Series


Detect
ND
Outlier
Trend test
User Limit
Samples
Specific conductance (field)
for sample point LGW-5
Significant Increasing Trend
UMHOS/CM
2000.
1800.
1600.
1400.
1200.
1000.
800.
600.
400.
200.
0.
06
08
10
12
14
16
18
20
22
24
26
Year

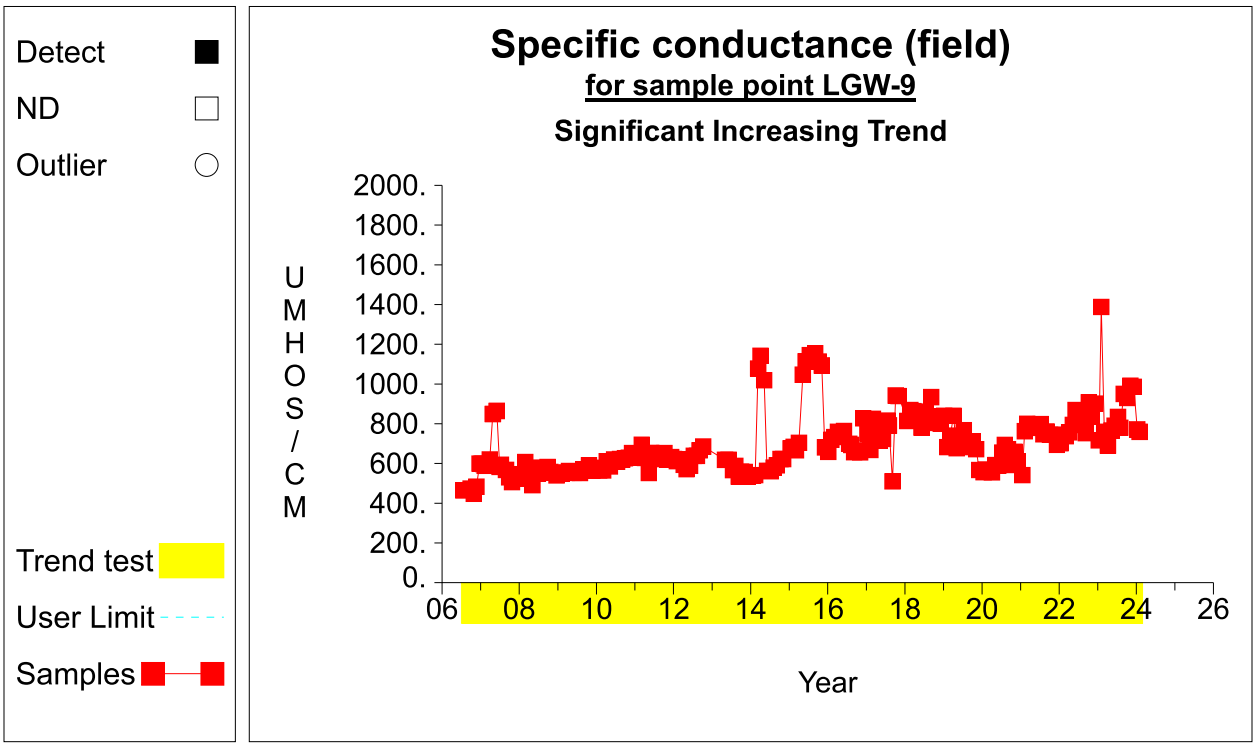

Detect
ND
Outlier
Trend test
User Limit
Samples
Specific conductance (field)
for sample point LGW-6
Significant Increasing Trend
UMHOS/CM
2000.
1800.
1600.
1400.
1200.
1000.
800.
600.
400.
200.
0.
06
08
10
12
14
16
18
20
22
24
26
Year

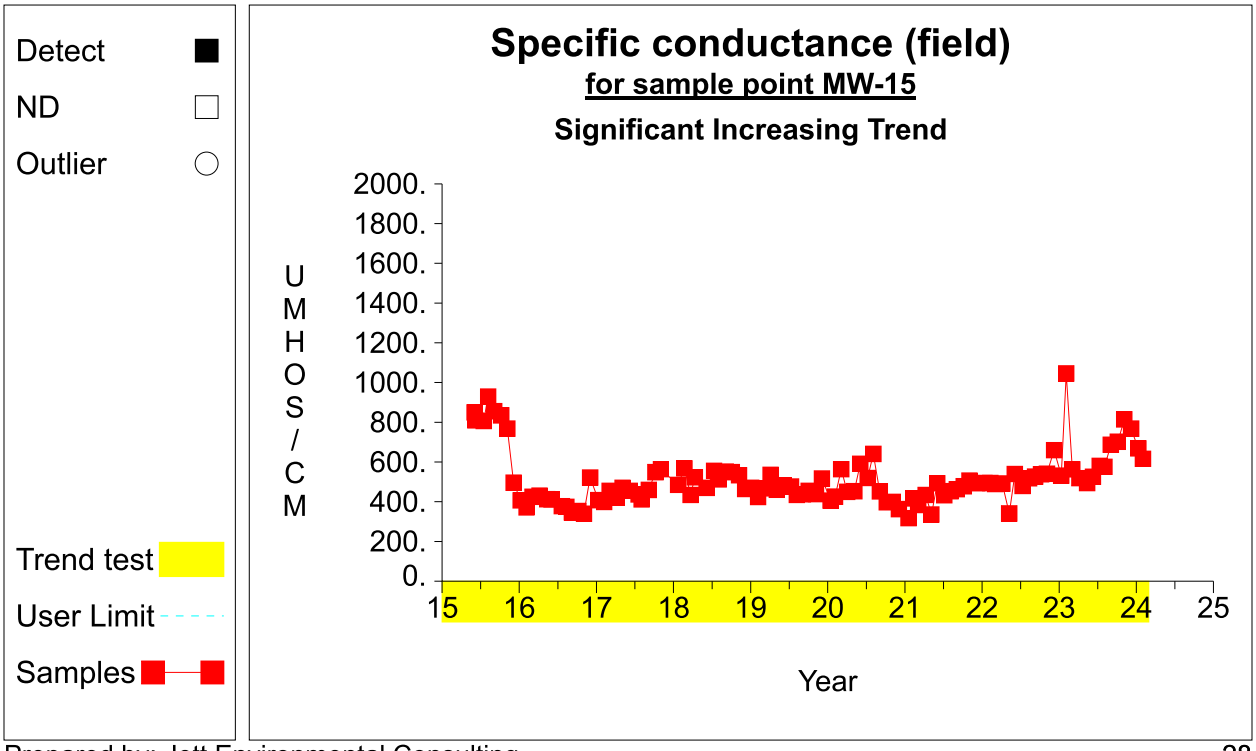
Time Series


Detect
ND
Outlier
Trend test
User Limit
Samples
Specific conductance (field)
for sample point LGW-7
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
26
Year

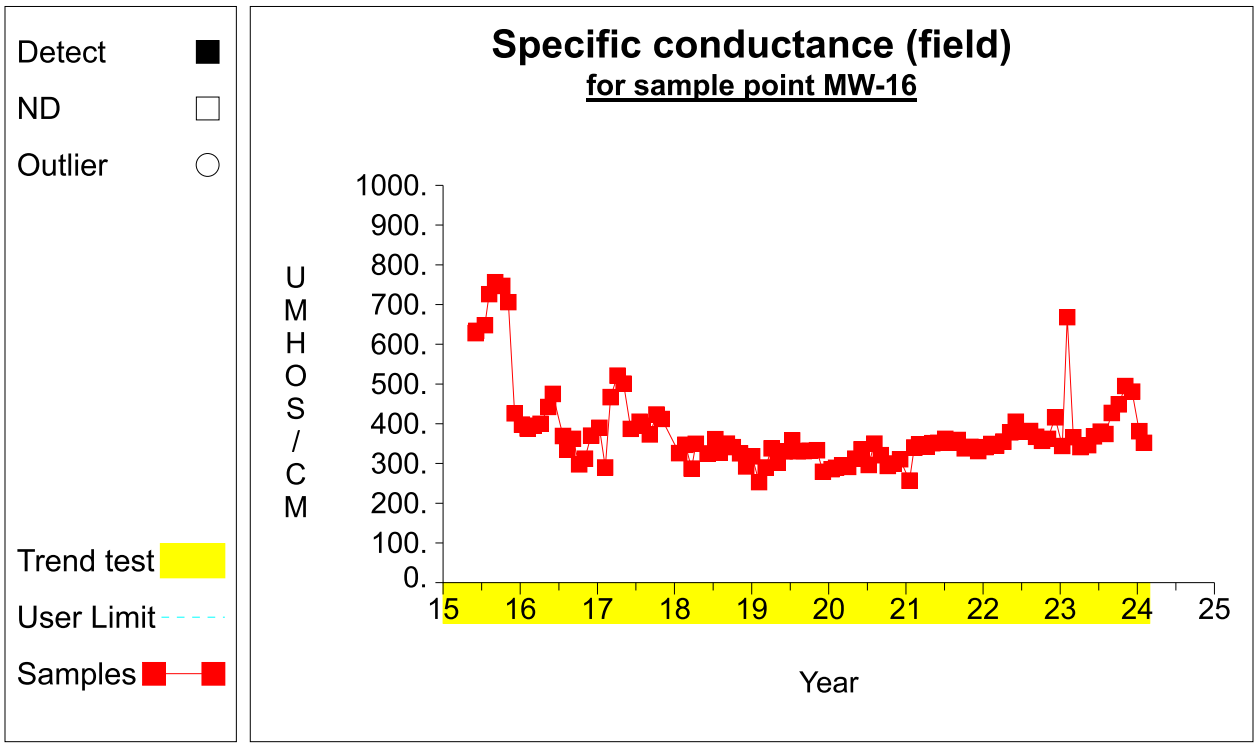

Detect
ND
Outlier
Trend test
User Limit
Samples
Specific conductance (field)
for sample point LGW-8R
Significant Increasing Trend
UMHOS/CM
2000.
1800.
1600.
1400.
1200.
1000.
800.
600.
400.
200.
0.
06
08
10
12
14
16
18
20
22
24
26
Year

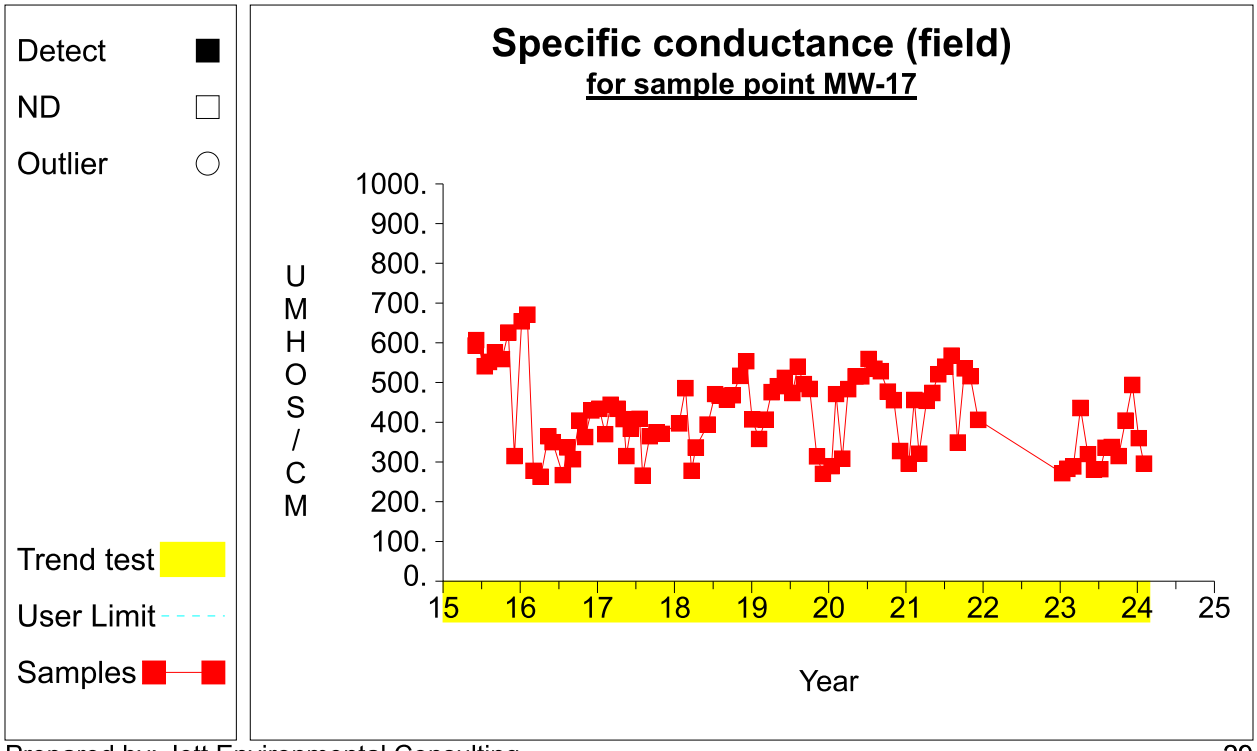
Time Series


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
26
Year

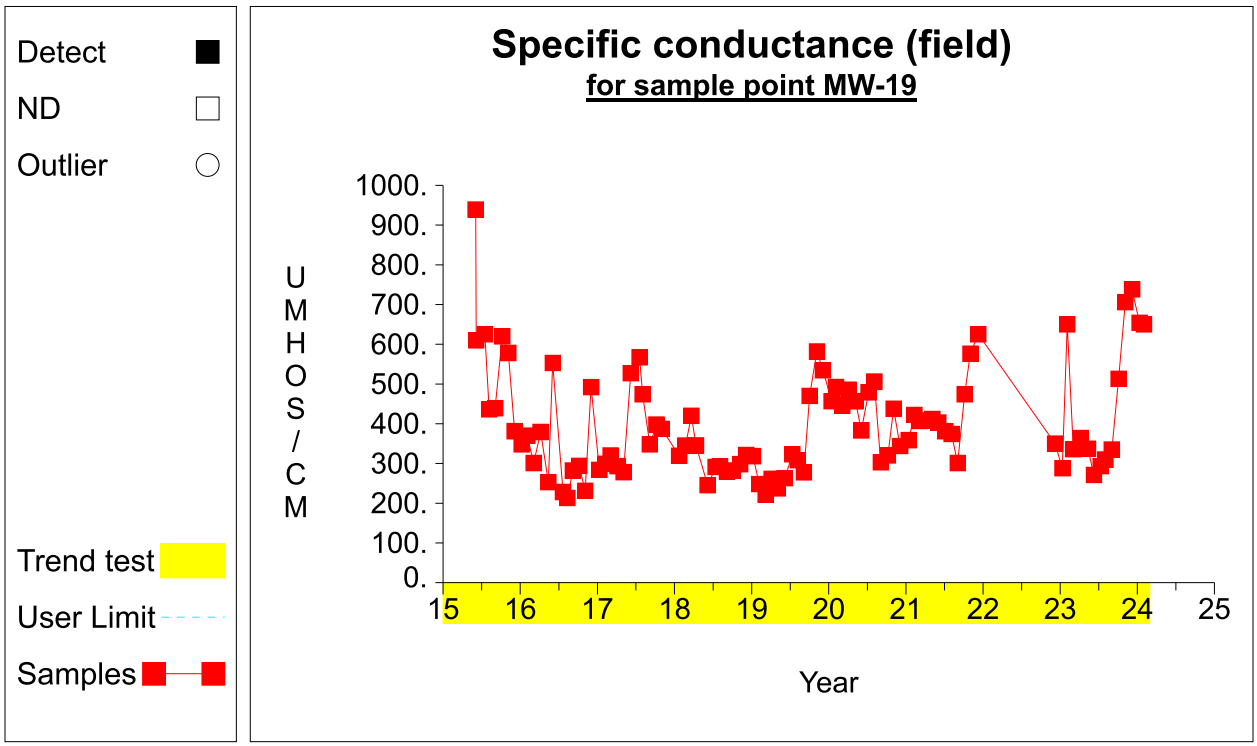

Detect
ND
Outlier
Trend test
User Limit
Samples
Specific conductance (field)
for sample point MW-15
Significant Increasing Trend
UMHOS/CM
2000.
1800.
1600.
1400.
1200.
1000.
800.
600.
400.
200.
0.
15
16
17
18
19
20
21
22
23
24
25
Year

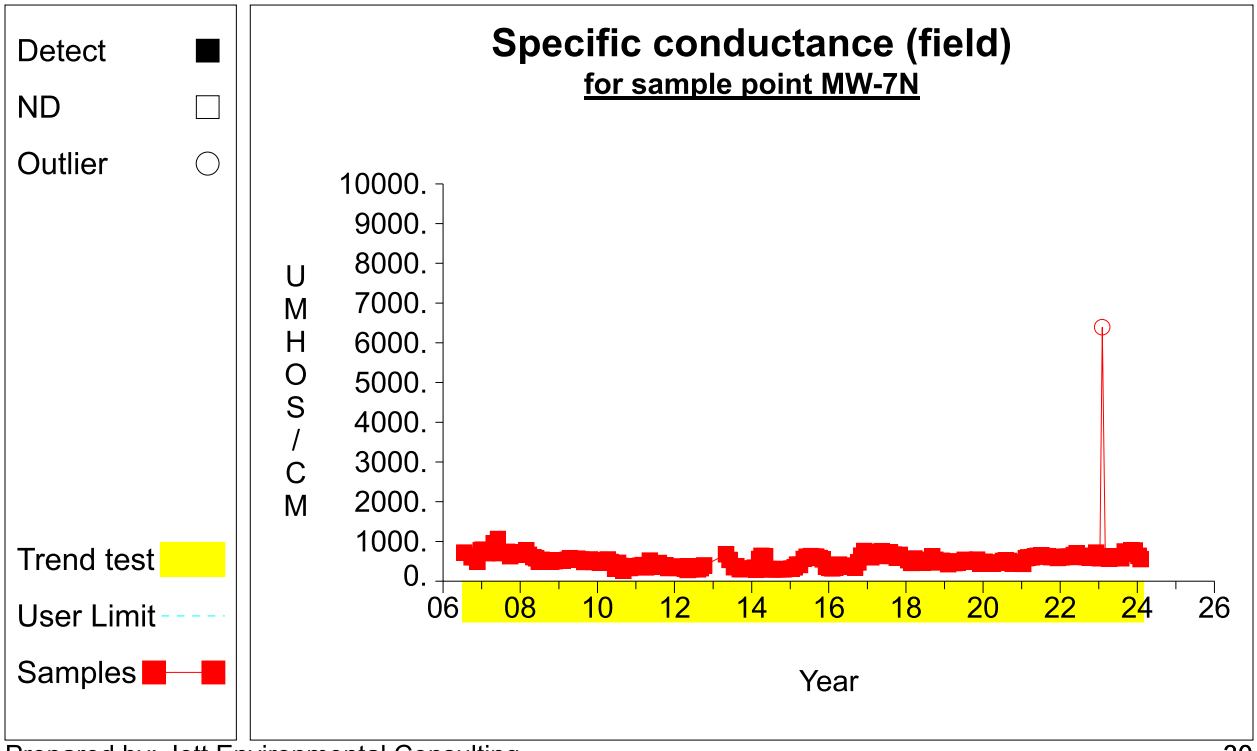
Time Series


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
25
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
25
Year

Time Series


Detect
ND
Outlier
Trend test
User Limit
Samples
Specific conductance (field)
for sample point MW-19
UMHOS/CM
1000.
900.
800.
700.
600.
500.
400.
300.
200.
100.
0.
15
16
17
18
19
20
21
22
23
24
25
Year


Detect
ND
Outlier
Trend test
User Limit
Samples
Specific conductance (field)
for sample point MW-7N
UMHOS/CM
10000.
9000.
8000.
7000.
6000.
5000.
4000.
3000.
2000.
1000.
0.
06
08
10
12
14
16
18
20
22
24
26
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**
2/1/2024	Thu	29.8	115285	1,352	33.0	0	21.9	0	0.00		0.00	
2/2/2024	Fri	26.7	116637	1,255	33.1	0	21.9	0	0.00			
2/3/2024	Sat	26.7	117892	1,255	33.1	0	21.9	0	0.00	0.00		
2/4/2024	Sun	26.7	119147	1,256	33.1	0	21.9	0	0.00			
2/5/2024	Mon	29.6	120403	1,181	33.2	0	21.9	0	0.00			
2/6/2024	Tue	27.7	121584	1,376	33.2	0	21.9	0	0.00	0.00		
2/7/2024	Wed	28.7	122960	1,269	33.2	0	21.9	0	0.00			
2/8/2024	Thu	28	124229	539	33.3	0	21.9	0	0.00			
2/9/2024	Fri	30.1	124768	974	33.3	0	21.9	0	0.00	0.00		
2/10/2024	Sat	30.1	125742	974	33.3	0	21.9	0	0.00			
2/11/2024	Sun	30.1	126716	974	33.3	0	21.9	0	0.00			
2/12/2024	Mon	29.5	127690	763	33.6	0	21.9	0	0.00	0.00		
2/13/2024	Tue	29.2	128453	556	33.7	0	21.9	0	0.00			
2/14/2024	Wed	29.6	129009	1,073	33.9	0	21.9	0	0.00			
2/15/2024	Thu	28.6	130082	866	33.9	0	21.9	0	0.00	0.00	0.00	
2/16/2024	Fri	29.9	130948	697	33.7	0	21.9	0	0.00			
2/17/2024	Sat	29.9	131645	697	33.7	0	21.9	0	0.00			
2/18/2024	Sun	29.9	132342	698	33.7	0	21.9	0	0.00	0.00		
2/19/2024	Mon	29.8	133040	912	33.5	0	21.9	0	0.00			
2/20/2024	Tue	29.5	133952	949	33.5	0	21.9	0	0.00			
2/21/2024	Wed	29.7	134901	1,115	33.4	0	21.9	0	0.00	0.00		
2/22/2024	Thu	29.3	136016	524	33.1	0	21.9	0	0.00			
2/23/2024	Fri	29.6	136540	678	33.3	0	21.9	0	0.00			
2/24/2024	Sat	29.6	137218	678	33.3	0	21.9	0	0.00	0.00		
2/25/2024	Sun	29.6	137896	679	33.3	0	21.9	0	0.00			
2/26/2024	Mon	29.4	138575	789	33.3	0	21.9	0	0.00			
2/27/2024	Tue	28.7	139364	751	33.6	0	21.9	0	0.00	0.00		
2/28/2024	Wed	29.6	140115	98	33.7	0	21.9	0	0.00			
2/29/2024	Thu	29	140213	590	34.1	0	21.9	0	0.00		0.00	

		CELL 2 LCS			CELL 2 LDS					150	60	
Date	Day of Week	Liquid Level (inches)	Flow meter reading (gallons)	Gallons Removed	Sump Liquid Level (inches)	Flow meter reading (gallons)	Tank Liquid Level (inches)	LDS Daily Pump (gal)	LDS Flow Rate Avg. (gal/acre)	LDS Flow Rate 3-Day Avg. (gal/acre/day)	LDS Flow Rate 14-Day Avg. (gal/acre/day)	Comments
2/1/2024	Thu	21.3	30170	0	32.4	11,159	20.9	0	0.00			
2/2/2024	Fri	21.3	30170	0	32.2	11,159	20.9	0	0.00	0.00		
2/3/2024	Sat	21.3	30170	0	32.2	11,159	20.9	0	0.00			
2/4/2024	Sun	21.3	30170	0	32.2	11,159	20.9	0	0.00			
2/5/2024	Mon	22.6	30170	0	32.2	11,159	20.9	0	0.00	0.00	0.00	
2/6/2024	Tue	25.5	30170	412	32.2	11,159	20.9	0	0.00			
2/7/2024	Wed	19.5	30582	0	32.2	11,159	20.9	0	0.00			
2/8/2024	Thu	30.4	30582	0	32.2	11,159	20.9	0	0.00	0.00		
2/9/2024	Fri	20.3	30582	0	32.3	11,159	20.9	0	0.00			
2/10/2024	Sat	20.3	30582	0	32.3	11,159	20.9	0	0.00			
2/11/2024	Sun	20.3	30582	0	32.3	11,159	20.9	0	0.00	0.00		
2/12/2024	Mon	21.2	30582	0	32.5	11,159	20.9	0	0.00			
2/13/2024	Tue	21.8	30582	0	32.6	11,159	20.9	0	0.00			
2/14/2024	Wed	22	30582	0	32.8	11,159	20.9	0	0.00	0.00		
2/15/2024	Thu	22.3	30582	423	32.8	11,159	20.9	0	0.00			
2/16/2024	Fri	18.5	31005	0	32.9	11,159	20.9	0	0.00			
2/17/2024	Sat	18.5	31005	0	23.9	11,159	20.9	0	0.00	0.00		
2/18/2024	Sun	18.5	31005	0	32.9	11,159	20.9	0	0.00			
2/19/2024	Mon	20.6	31005	0	32.6	11,159	20.9	0	0.00		0.00	
2/20/2024	Tue	21.2	31005	0	32.5	11,159	20.9	0	0.00	0.00		
2/21/2024	Wed	21.9	31005	0	32.4	11,159	20.9	0	0.00			
2/22/2024	Thu	22.3	31005	0	32.2	11,159	20.9	0	0.00			
2/23/2024	Fri	22.5	31005	0	32.2	11,159	20.9	0	0.00	0.00		
2/24/2024	Sat	22.5	31005	0	32.2	11,159	20.9	0	0.00			
2/25/2024	Sun	22.5	31005	0	32.2	11,159	20.9	0	0.00			
2/26/2024	Mon	23.3	31005	0	31.9	11,159	20.9	0	0.00	0.00		
2/27/2024	Tue	23.6	31005	0	31.9	11,159	20.9	0	0.00			
2/28/2024	Wed	24.1	31005	349	31.8	11,159	20.9	0	0.00			
2/29/2024	Thu	20.2	31354	0	31.9	11,159	20.9	0	0.00	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
2/1/2024	Thu	28.9	205992	6,752	29.7	44	33.7	0	0.00	0.00		
2/2/2024	Fri	27.4	212744	0	29.8	44	33.7	0	0.00			
2/3/2024	Sat	27.4	212744	0	29.8	44	33.7	0	0.00			
2/4/2024	Sun	27.4	212744	0	29.8	44	33.7	0	0.00	0.00		
2/5/2024	Mon	29.9	212744	0	30.0	44	33.7	0	0.00			
2/6/2024	Tue	32.3	212744	5,117	30.0	44	33.7	0	0.00			
2/7/2024	Wed	25.9	217861	0	30.1	44	33.7	0	0.00	0.00		
2/8/2024	Thu	29.9	217861	4,326	30.0	44	33.7	0	0.00		0.00	
2/9/2024	Fri	26.7	222187	0	30.1	44	33.7	0	0.00			
2/10/2024	Sat	26.7	222187	0	30.1	44	33.7	0	0.00	0.00		
2/11/2024	Sun	26.7	222187	0	30.1	44	33.7	0	0.00			
2/12/2024	Mon	29.7	222187	0	29.8	44	33.7	0	0.00			
2/13/2024	Tue	29.7	222187	5,317	29.8	44	33.7	0	0.00	0.00		
2/14/2024	Wed	20.1	227504	0	29.6	44	33.7	0	0.00			
2/15/2024	Thu	22.1	227504	0	29.5	44	33.7	0	0.00			
2/16/2024	Fri	24.3	227504	1,249	29.4	44	33.7	0	0.00	0.00		
2/17/2024	Sat	24.3	228753	1,249	29.4	44	33.7	0	0.00			
2/18/2024	Sun	24.3	230002	1,249	29.4	44	33.7	0	0.00			
2/19/2024	Mon	18.7	231251	0	29.3	44	33.7	0	0.00	0.00		
2/20/2024	Tue	23.9	231251	0	29.4	44	33.7	0	0.00			
2/21/2024	Wed	29.4	231251	4,258	29.5	44	33.7	0	0.00			
2/22/2024	Thu	27.6	235509	0	29.4	44	33.7	0	0.00	0.00	0.00	
2/23/2024	Fri	28	235509	0	29.3	44	33.7	0	0.00			
2/24/2024	Sat	28	235509	0	29.3	44	33.7	0	0.00			
2/25/2024	Sun	28	235509	0	29.3	44	33.7	0	0.00	0.00		
2/26/2024	Mon	28.5	235509	397	29.2	44	33.7	0	0.00			
2/27/2024	Tue	27.9	235906	0	29.2	44	33.7	0	0.00			
2/28/2024	Wed	29.3	235906	2,774	29.2	44	33.7	0	0.00	0.00		
2/29/2024	Thu	25.5	238680	0	29.1	44	33.7	0	0.00			

		CELL 4 LCS			CELL 4 LDS					150	60	
Date	Day of Week	Liquid Level (inches)	Flow meter reading (gallons)	Gallons Removed	Sump Liquid Level (inches)	Flow meter reading (gallons)	Tank Liquid Level (inches)	LDS Daily Pump (gal)	LDS Flow Rate Avg. (gal/acre)	LDS Flow Rate 3-Day Avg. (gal/acre/day)	LDS Flow Rate 14-Day Avg. (gal/acre/day)	Comments
2/1/2024	Thu	16.9	128779	1,944	35.5	8,362	20.3	0	0.00			
2/2/2024	Fri	18	130723	2,111	35.7	8,362	20.3	0	0.00	0.00		
2/3/2024	Sat	18	132834	2,111	35.7	8,362	20.3	0	0.00			
2/4/2024	Sun	18	134945	2,112	35.7	8,362	20.3	0	0.00			
2/5/2024	Mon	19.6	137057	2,538	35.3	8,362	20.3	0	0.00	0.00		
2/6/2024	Tue	16.4	139595	1,704	35.2	8,362	20.3	1	0.13			
2/7/2024	Wed	17.8	141299	1,981	35.3	8,363	20.3	538	69.51			
2/8/2024	Thu	18	143280	1,531	26.2	8,901	20.3	0	0.00	23.21		
2/9/2024	Fri	15.5	144811	1,966	26.5	8,901	20.3	0	0.00			
2/10/2024	Sat	15.5	146777	1,966	26.5	8,901	20.3	0	0.00			
2/11/2024	Sun	15.5	148743	1,966	26.5	8,901	20.3	0	0.00	0.00		
2/12/2024	Mon	13.8	150709	1,924	27.0	8,901	20.3	0	0.00			
2/13/2024	Tue	18	152633	1,999	27.1	8,901	20.3	0	0.00			
2/14/2024	Wed	18	154632	1,962	27.0	8,901	20.3	0	0.00	0.00	4.97	
2/15/2024	Thu	18	156594	2,029	27.1	8,901	20.3	0	0.00			
2/16/2024	Fri	17.4	158623	1,938	27.2	8,901	20.3	0	0.00			
2/17/2024	Sat	17.4	160561	1,938	27.2	8,901	20.3	0	0.00	0.00		
2/18/2024	Sun	17.4	162499	1,939	27.2	8,901	20.3	0	0.00			
2/19/2024	Mon	18	164438	1,927	27.3	8,901	20.3	0	0.00			
2/20/2024	Tue	18.2	166365	1,917	27.4	8,901	20.3	0	0.00	0.00		
2/21/2024	Wed	17.5	168282	2,173	27.5	8,901	20.3	0	0.00			
2/22/2024	Thu	16.9	170455	1,827	27.7	8,901	20.3	0	0.00			
2/23/2024	Fri	18	172282	1,934	27.9	8,901	20.3	0	0.00	0.00		
2/24/2024	Sat	18	174216	1,934	27.9	8,901	20.3	0	0.00			
2/25/2024	Sun	18	176150	1,934	27.9	8,901	20.3	0	0.00			
2/26/2024	Mon	16.8	178084	1,627	27.8	8,901	20.3	0	0.00	0.00		
2/27/2024	Tue	18.2	179711	2,115	27.7	8,901	20.3	0	0.00			
2/28/2024	Wed	17.2	181826	2,505	27.9	8,901	20.3	0	0.00		0.00	
2/29/2024	Thu	18	184331	1,784	27.9	8,901	20.3	0	0.00	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
2/1/2024	Thu	18.2	5560844	9618	16.6	8362	26	0	0.00			
2/2/2024	Fri	18.9	5570462	9879	16.7	8362	26	0	0.00			
2/3/2024	Sat	18.9	5580341	9879	16.7	8362	26	0	0.00	0.00		
2/4/2024	Sun	18.9	5590220	9880	16.7	8362	26	0	0.00			
2/5/2024	Mon	18.2	5600100	8397	16.6	8362	26	0	0.00		0.00	
2/6/2024	Tue	18.4	5608497	9699	16.6	8362	26	0	0.00	0.00		
2/7/2024	Wed	15.3	5618196	9375	16.7	8362	26	1	0.27			
2/8/2024	Thu	12.5	5627571	5134	16.1	8363	26	0	0.00			
2/9/2024	Fri	17.7	5632705	6564	16.1	8363	26	0	0.00	0.09		
2/10/2024	Sat	17.7	5639269	6564	16.1	8363	26	0	0.00			
2/11/2024	Sun	17.7	5645833	6564	16.1	8363	26	0	0.00			
2/12/2024	Mon	19.1	5652397	6355	16.3	8363	26	0	0.00	0.00		
2/13/2024	Tue	15.3	5658752	5067	16.3	8363	26	0	0.00			
2/14/2024	Wed	15.7	5663819	5422	16.4	8363	26	0	0.00			
2/15/2024	Thu	13.7	5669241	6105	16.3	8363	26	0	0.00	0.00		
2/16/2024	Fri	13.9	5675346	6685	16.5	8363	26	0	0.00			
2/17/2024	Sat	13.9	5682031	6685	16.5	8363	26	0	0.00			
2/18/2024	Sun	13.9	5688716	6686	16.5	8363	26	0	0.00	0.00		
2/19/2024	Mon	16.6	5695402	6669	16.6	8363	26	0	0.00		0.02	
2/20/2024	Tue	13.9	5702071	7793	16.4	8363	26	0	0.00			
2/21/2024	Wed	17.3	5709864	7932	16.5	8363	26	0	0.00	0.00		
2/22/2024	Thu	15.5	5717796	6732	16.7	8363	26	0	0.00			
2/23/2024	Fri	17.8	5724528	6137	16.8	8363	26	0	0.00			
2/24/2024	Sat	17.8	5730665	6137	16.8	8363	26	0	0.00	0.00		
2/25/2024	Sun	17.8	5736802	6138	16.8	8363	26	0	0.00			
2/26/2024	Mon	14.6	5742940	6054	17	8363	26	0	0.00			
2/27/2024	Tue	16.9	5748994	8323	17	8363	26	0	0.00	0.00		
2/28/2024	Wed	14.7	5757317	9864	17.2	8363	26	0	0.00			
2/29/2024	Thu	15.5	5767181	4832	17.2	8363	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
2/1/2024	Thu	19.1	1639759	2299	16.9	2926	42.7	0	0.00			
2/2/2024	Fri	17.7	1642058	3224	16.7	2926	42.7	0	0.00			
2/3/2024	Sat	17.7	1645282	3224	16.7	2926	42.7	0	0.00	0.00		
2/4/2024	Sun	17.7	1648506	3225	16.7	2926	42.7	0	0.00			
2/5/2024	Mon	16.8	1651731	2966	16.6	2926	42.7	0	0.00			
2/6/2024	Tue	19.4	1654697	3024	16.6	2926	42.7	0	0.00	0.00		
2/7/2024	Wed	17.6	1657721	2657	16.6	2926	42.7	0	0.00			
2/8/2024	Thu	20.4	1660378	2130	16.5	2926	42.7	0	0.00		0.00	
2/9/2024	Fri	14.5	1662508	2190	16.6	2926	42.7	0	0.00	0.00		
2/10/2024	Sat	14.5	1664698	2190	16.6	2926	42.7	0	0.00			
2/11/2024	Sun	14.5	1666888	2192	16.6	2926	42.7	0	0.00			
2/12/2024	Mon	24.3	1669080	2362	16.4	2926	42.7	0	0.00	0.00		
2/13/2024	Tue	15.9	1671442	1816	16.5	2926	42.7	0	0.00			
2/14/2024	Wed	20.6	1673258	2051	16.4	2926	42.7	0	0.00			
2/15/2024	Thu	16.7	1675309	1770	16.4	2926	42.7	0	0.00	0.00		
2/16/2024	Fri	20.8	1677079	1740	16.3	2926	42.7	0	0.00			
2/17/2024	Sat	20.8	1678819	1740	16.3	2926	42.7	0	0.00			
2/18/2024	Sun	20.8	1680559	1742	16.3	2926	42.7	0	0.00	0.00		
2/19/2024	Mon	17.7	1682301	1707	16.5	2926	42.7	0	0.00			
2/20/2024	Tue	15.8	1684008	2019	16.6	2926	42.7	0	0.00			
2/21/2024	Wed	16.2	1686027	1570	16.5	2926	42.7	0	0.00	0.00		
2/22/2024	Thu	14.9	1687597	1443	16.6	2926	42.7	0	0.00		0.00	
2/23/2024	Fri	22.1	1689040	1486	16.5	2926	42.7	0	0.00			
2/24/2024	Sat	22.1	1690526	1486	16.5	2926	42.7	0	0.00	0.00		
2/25/2024	Sun	22.1	1692012	1486	16.5	2926	42.7	0	0.00			
2/26/2024	Mon	18.4	1693498	1513	16.8	2926	42.7	0	0.00			
2/27/2024	Tue	12	1695011	1469	16.8	2926	42.7	0	0.00	0.00		
2/28/2024	Wed	15.9	1696480	1534	16.7	2926	42.7	0	0.00			
2/29/2024	Thu	19.3	1698014	918	16.9	2926	42.7	0	0.00			

		CELL 7 LCS			CELL 7 LDS					150	60	
Date	Day of Week	Liquid Level (inches)	Flow meter reading (gallons)	Gallons Removed	Sump Liquid Level (inches)	Flow meter reading (gallons)	Tank Liquid Level (inches)	LDS Daily Pump (gal)	LDS Flow Rate Avg. (gal/acre)	LDS Flow Rate 3-Day Avg. (gal/acre/day)	LDS Flow Rate 14-Day Avg. (gal/acre/day)	Comments
2/1/2024	Thu	1.2	2260911	3736	27.5	4091	16.6	0	0.00	0.00		
2/2/2024	Fri	2	2264647	4308	27.4	4091	16.6	0	0.00			
2/3/2024	Sat	2	2268955	4308	27.4	4091	16.6	0	0.00			
2/4/2024	Sun	2	2273263	4310	27.4	4091	16.6	0	0.00	0.00		
2/5/2024	Mon	2	2277573	4297	27.9	4091	16.6	0	0.00			
2/6/2024	Tue	2.3	2281870	4409	27.9	4091	16.6	0	0.00			
2/7/2024	Wed	1.4	2286279	3914	28.1	4091	16.6	0	0.00	0.00	0.00	
2/8/2024	Thu	1.5	2290193	2960	28.2	4091	16.6	1	0.14			
2/9/2024	Fri	2.5	2293153	3492	27.1	4092	16.6	0	0.00			
2/10/2024	Sat	2.5	2296645	3492	27.1	4092	16.6	0	0.00	0.05		
2/11/2024	Sun	2.5	2300137	3492	27.1	4092	16.6	0	0.00			
2/12/2024	Mon	1.2	2303629	3195	27	4092	16.6	0	0.00			
2/13/2024	Tue	2	2306824	3146	27.2	4092	16.6	0	0.00	0.00		
2/14/2024	Wed	2.3	2309970	3111	27.2	4092	16.6	0	0.00			
2/15/2024	Thu	1.5	2313081	3035	27.3	4092	16.6	0	0.00			
2/16/2024	Fri	2.3	2316116	2995	27.1	4092	16.6	0	0.00	0.00		
2/17/2024	Sat	2.3	2319111	2995	27.1	4092	16.6	0	0.00			
2/18/2024	Sun	2.3	2322106	2997	27.1	4092	16.6	0	0.00			
2/19/2024	Mon	3.1	2325103	2891	26.9	4092	16.6	0	0.00	0.00		
2/20/2024	Tue	1.5	2327994	3013	26.9	4092	16.6	0	0.00			
2/21/2024	Wed	2.4	2331007	2828	27	4092	16.6	0	0.00		0.01	
2/22/2024	Thu	1.2	2333835	2616	27.1	4092	16.6	0	0.00	0.00		
2/23/2024	Fri	1.8	2336451	2567	27.4	4092	16.6	0	0.00			
2/24/2024	Sat	1.8	2339018	2567	27.4	4092	16.6	0	0.00			
2/25/2024	Sun	1.8	2341585	2569	27.4	4092	16.6	0	0.00	0.00		
2/26/2024	Mon	1.5	2344154	2215	27.8	4092	16.6	0	0.00			
2/27/2024	Tue	2.3	2346369	2789	27.9	4092	16.6	0	0.00			
2/28/2024	Wed	3.5	2349158	3035	27.9	4092	16.6	0	0.00	0.00		
2/29/2024	Thu	1.9	2352193	2183	28	4092	16.6	0	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
2/1/2024	Thu	11.3	2395951	4125	24	33925	-	282	35.70	11.90		
2/2/2024	Fri	10.4	2400076	4627	26.6	34207	-	33	4.18			
2/3/2024	Sat	10.4	2404703	4627	26.6	34240	-	33	4.18			
2/4/2024	Sun	10.4	2409330	4628	26.6	34273	-	35	4.43	4.26		
2/5/2024	Mon	11.8	2413958	4603	26.8	34308	-	0	0.00			
2/6/2024	Tue	10.9	2418561	4763	26.9	34308	-	0	0.00			
2/7/2024	Wed	12.1	2423324	4526	26.8	34308	-	80	10.13	3.38	19.72	
2/8/2024	Thu	2.9	2427850	3545	26.1	34388	-	0	0.00			
2/9/2024	Fri	12.2	2431395	4531	26.2	34388	-	0	0.00			
2/10/2024	Sat	12.2	2435926	4531	26.2	34388	-	0	0.00	0.00		
2/11/2024	Sun	12.2	2440457	4532	26.2	34388	-	0	0.00			
2/12/2024	Mon	9	2444989	4352	26.5	34388	-	0	0.00			
2/13/2024	Tue	12.1	2449341	4416	26.6	34388	-	49	6.20	2.07		
2/14/2024	Wed	12.5	2453757	4495	25.8	34437	-	0	0.00			
2/15/2024	Thu	9.8	2458252	4314	25.9	34437	-	0	0.00			
2/16/2024	Fri	12.7	2462566	4113	26.1	34437	-	0	0.00	0.00		
2/17/2024	Sat	12.7	2466679	4113	26.1	34437	-	0	0.00			
2/18/2024	Sun	12.7	2470792	4115	26.1	34437	-	0	0.00			
2/19/2024	Mon	9.5	2474907	3936	26.6	34437	-	0	0.00	0.00		
2/20/2024	Tue	11.9	2478843	3627	26.7	34437	-	29	3.67			
2/21/2024	Wed	12.3	2482470	4427	26.2	34466	-	0	0.00		0.71	
2/22/2024	Thu	8.9	2486897	3520	26.2	34466	-	0	0.00	1.22		
2/23/2024	Fri	12.5	2490417	3514	26.4	34466	-	0	0.00			
2/24/2024	Sat	12.5	2493931	3514	26.4	34466	-	0	0.00			
2/25/2024	Sun	12.5	2497445	3516	26.4	34466	-	0	0.00	0.00		
2/26/2024	Mon	10.7	2500961	3088	27.1	34466	-	0	0.00			
2/27/2024	Tue	8.9	2504049	3746	27.1	34466	-	0	0.00			
2/28/2024	Wed	12	2507795	4018	27.4	34466	-	0	0.00	0.00		
2/29/2024	Thu	11.1	2511813	3007	27.5	34466	-	0	0.00			

		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
2/1/2024	Thu	11.1	13000211	7456	32.2	91411	498	48.35	47.35		
2/2/2024	Fri	10.9	13007667	7718	30.1	91909	134	13.01		43.29	
2/3/2024	Sat	10.9	13015385	7718	30.1	92043	134	13.01			
2/4/2024	Sun	10.9	13023103	7718	30.1	92177	134	13.01	13.01		
2/5/2024	Mon	9	13030821	4432	30.6	92311	365	35.44			
2/6/2024	Tue	10.3	13035253	5544	28.7	92676	327	31.75			
2/7/2024	Wed	12.1	13040797	3800	29.1	93003	0	0.00	22.39		
2/8/2024	Thu	11.9	13044597	4242	32.6	24	701	68.06			
2/9/2024	Fri	11.9	13048839	6210	33	725	227	22.04			
2/10/2024	Sat	11.9	13055049	6210	33	952	227	22.04	37.38		
2/11/2024	Sun	11.9	13061259	6210	33	1179	228	22.14			
2/12/2024	Mon	11.7	13067469	6058	30.8	1407	0	0.00			
2/13/2024	Tue	12.1	13073527	4094	30.5	1407	0	0.00	7.38		
2/14/2024	Wed	11.9	13077621	3965	35.1	1407	0	0.00			
2/15/2024	Thu	11.4	13081586	3895	35.4	1407	684	66.41			
2/16/2024	Fri	11.8	13085481	4674	32.1	2091	1	0.10	22.17	21.00	
2/17/2024	Sat	11.8	13090155	4674	32.1	2092	1	0.10			
2/18/2024	Sun	11.8	13094829	4676	32.1	2093	1	0.10			
2/19/2024	Mon	12.2	13099505	3665	35.8	2094	0	0.00	0.06		
2/20/2024	Tue	12.1	13103170	4240	36.1	2094	0	0.00			
2/21/2024	Wed	11.4	13107410	3134	37.2	2094	660	64.08			
2/22/2024	Thu	11.7	13110544	3456	25.5	2754	2	0.19	21.42		
2/23/2024	Fri	11.8	13114000	5719	25.6	2756	0	0.00			
2/24/2024	Sat	11.8	13119719	5719	25.6	2756	0	0.00			
2/25/2024	Sun	11.8	13125438	5720	25.6	2756	0	0.00	0.00		
2/26/2024	Mon	12.1	13131158	4843	26.2	2756	0	0.00			
2/27/2024	Tue	10.9	13136001	6580	26.5	2756	0	0.00			
2/28/2024	Wed	11.6	13142581	6636	27.1	2756	0	0.00	0.00		
2/29/2024	Thu	12	13149217	3374	27.4	2756	0	0.00			

		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
2/1/2024	Thu	12.1	19805740	8009	31.1	2686	293	40.14	23.33		
2/2/2024	Fri	12.2	19813749	11442	30.3	2979	310	42.47		32.18	
2/3/2024	Sat	12.2	19825191	11442	30.3	3289	310	42.47			
2/4/2024	Sun	12.2	19836633	11443	30.3	3599	310	42.47	42.47		
2/5/2024	Mon	11.5	19848076	10555	28.8	3909	0	0.00			
2/6/2024	Tue	10.9	19858631	10109	29.6	3909	274	37.53			
2/7/2024	Wed	11.4	19868740	8991	30.1	4183	117	16.03	17.85		
2/8/2024	Thu	11.5	19877731	6427	30.6	4300	26	3.56			
2/9/2024	Fri	11.7	19884158	8700	30.1	4326	0	0.00			
2/10/2024	Sat	11.7	19892858	8700	30.1	4326	0	0.00	1.19		
2/11/2024	Sun	11.7	19901558	8702	30.1	4326	84	11.51			
2/12/2024	Mon	11.1	19910260	9492	29.2	4410	0	0.00			
2/13/2024	Tue	8.9	19919752	10772	30.5	4410	11	1.51	4.34		
2/14/2024	Wed	11.2	19930524	12137	30.6	4421	57	7.81			
2/15/2024	Thu	11.6	19942661	8912	29.9	4478	87	11.92			
2/16/2024	Fri	11.7	19951573	12539	30.3	4565	38	5.21	8.31	12.86	
2/17/2024	Sat	11.7	19964112	12539	30.3	4603	38	5.21			
2/18/2024	Sun	11.7	19976651	12539	30.3	4641	40	5.48			
2/19/2024	Mon	12.1	19989190	9890	29.8	4681	91	12.47	7.72		
2/20/2024	Tue	11.4	19999080	8076	30.1	4772	0	0.00			
2/21/2024	Wed	11.8	20007156	7397	31.1	4772	145	19.86			
2/22/2024	Thu	12.1	20014553	9777	30.2	4917	17	2.33	7.40		
2/23/2024	Fri	11.9	20024330	7618	30.2	4934	123	16.85			
2/24/2024	Sat	11.9	20031948	7618	30.2	5057	123	16.85			
2/25/2024	Sun	11.9	20039566	7620	30.2	5180	125	17.12	16.94		
2/26/2024	Mon	11.2	20047186	6660	29.9	5305	0	0.00			
2/27/2024	Tue	12.1	20053846	8100	30	5305	111	15.21			
2/28/2024	Wed	12.3	20061946	9769	30.2	5416	54	7.40	7.53		
2/29/2024	Thu	11.9	20071715	9611	29.2	5470	34	4.66			

		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
2/1/2024	Thu	11.9	20707577	8527	21	25416	4	0.54	0.18		
2/2/2024	Fri	11.7	20716104	9641	16.6	25420	0	0.00			
2/3/2024	Sat	11.7	20725745	9641	16.5	25420	0	0.00			
2/4/2024	Sun	11.7	20735386	9642	16.5	25420	36	4.86	1.62		
2/5/2024	Mon	12	20745028	8613	20	25456	0	0.00			
2/6/2024	Tue	11.3	20753641	10873	21.1	25456	0	0.00			
2/7/2024	Wed	12	20764514	8268	21.7	25456	451	60.95	20.32		
2/8/2024	Thu	12.2	20772782	5800	19.5	25907	312	42.16			
2/9/2024	Fri	12	20778582	7877	20.1	26219	500	67.57		12.77	
2/10/2024	Sat	12	20786459	7877	20.1	26719	500	67.57	59.10		
2/11/2024	Sun	12	20794336	7877	20.1	27219	500	67.57			
2/12/2024	Mon	11.7	20802213	7884	15.6	27719	0	0.00			
2/13/2024	Tue	11.9	20810097	7360	16	27719	0	0.00	22.52		
2/14/2024	Wed	11.7	20817457	8317	16.2	27719	278	37.57			
2/15/2024	Thu	11.8	20825774	8031	14.9	27997	62	8.38			
2/16/2024	Fri	11.7	20833805	7136	14.5	28059	0	0.00	15.32		
2/17/2024	Sat	11.7	20840941	7136	15.6	28059	0	0.00			
2/18/2024	Sun	11.7	20848077	7138	16.3	28059	0	0.00			
2/19/2024	Mon	11.9	20855215	7820	17.6	28059	442	59.73	19.91		
2/20/2024	Tue	12	20863035	5434	15.6	28501	0	0.00			
2/21/2024	Wed	11.1	20868469	6268	16.2	28501	230	31.08			
2/22/2024	Thu	12.1	20874737	5342	13.9	28731	211	28.51	19.86		
2/23/2024	Fri	12	20880079	6737	16.9	28942	405	54.73		25.37	
2/24/2024	Sat	12	20886816	6737	16.9	29347	405	54.73			
2/25/2024	Sun	12	20893553	6739	16.9	29752	407	55.00	54.82		
2/26/2024	Mon	10.9	20900292	4045	13.9	30159	460	62.16			
2/27/2024	Tue	11.3	20904337	5590	14.6	30619	470	63.51			
2/28/2024	Wed	11.8	20909927	9138	13.5	31089	624	84.32	70.00		
2/29/2024	Thu	11.4	20919065	6005	14.1	31713	689	93.11			

		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)	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
2/1/2024	Thu	11.4	7845789	3760	14.7	106280	1208	137.27			
2/2/2024	Fri	12.1	7849549	4570	15.9	107488	669	76.02			
2/3/2024	Sat	12.1	7854119	4570	15.9	108157	669	76.02	96.44		
2/4/2024	Sun	12.1	7858689	4570	15.9	108826	670	76.14			
2/5/2024	Mon	11.9	7863259	4514	25.2	109496	515	58.52			
2/6/2024	Tue	11.3	7867773	4131	24.2	110011	0	0.00	44.89		
2/7/2024	Wed	12.1	7871904	3756	24.7	110011	0	0.00			
2/8/2024	Thu	3.7	7875660	2905	25.4	110011	0	0.00			
2/9/2024	Fri	7.9	7878565	3613	26.1	110011	0	0.00	0.00	57.68	
2/10/2024	Sat	7.9	7882178	3613	26.1	110011	0	0.00			
2/11/2024	Sun	7.9	7885791	3613	26.1	110011	0	0.00			
2/12/2024	Mon	1.4	7889404	3395	21.9	110011	580	65.91	21.97		
2/13/2024	Tue	1.9	7892799	3275	21.4	110591	519	58.98			
2/14/2024	Wed	6.9	7896074	3398	20.2	111110	351	39.89			
2/15/2024	Thu	2.9	7899472	3379	18.7	111461	486	55.23	51.36		
2/16/2024	Fri	4.6	7902851	3197	19	111947	318	36.14			
2/17/2024	Sat	4.6	7906048	3197	19	112265	318	36.14			
2/18/2024	Sun	4.6	7909245	3199	19	112583	318	36.14	36.14		
2/19/2024	Mon	3.9	7912444	3250	20.3	112901	209	23.75			
2/20/2024	Tue	4.2	7915694	3100	20.6	113110	316	35.91			
2/21/2024	Wed	7.4	7918794	3680	19.9	113426	521	59.20	39.62		
2/22/2024	Thu	6.7	7922474	3226	20.4	113947	341	38.75			
2/23/2024	Fri	3.3	7925700	3151	23.9	114288	0	0.00		34.72	
2/24/2024	Sat	3.3	7928851	3151	23.9	114288	0	0.00	12.92		
2/25/2024	Sun	3.3	7932002	3152	23.9	114288	317	36.02			
2/26/2024	Mon	5.9	7935154	3287	27.2	114605	316	35.91			
2/27/2024	Tue	8	7938441	3497	27.6	114921	175	19.89	30.61		
2/28/2024	Wed	9.2	7941938	3533	25.9	115096	151	17.16			
2/29/2024	Thu	4.7	7945471	2707	26.3	115247	315	35.80			

		North Phase LCS			North Phase LDS (Tank 8A) 150 60						
Date	Day of Week	LCS Sump Level	LCS Flow Meter	Gallons Removed	LDS Sump level	LDS Flow Meter	LDS Daily Pump (gal)	LDS Flow Rate Avg. (gal/acre)	LDS Flow Rate 3-Day Avg. (gal/acre/day)	LDS Flow Rate 14-Day Avg. (gal/acre/day)	Comments
2/1/2024	Thu	4.9	713,694	0	28.1	123,862	0	0.00			
2/2/2024	Fri	6.6	713,694	0	28.2	123,862	0	0.00	0.00		
2/3/2024	Sat	6.6	713,694	0	28.2	123,862	0	0.00			
2/4/2024	Sun	6.6	713,694	0	28.2	123,862	0	0.00			
2/5/2024	Mon	9.3	713,694	0	28.4	123,862	0	0.00	0.00		
2/6/2024	Tue	10.9	713,694	0	28.4	123,862	0	0.00			
2/7/2024	Wed	12.3	713,694	1,665	28.6	123,862	0	0.00			
2/8/2024	Thu	8.7	715,359	0	28.6	123,862	0	0.00	0.00		
2/9/2024	Fri	9	715,359	0	28.7	123,862	0	0.00		0.00	
2/10/2024	Sat	9	715,359	0	28.7	123,862	0	0.00			
2/11/2024	Sun	9	715,359	0	28.7	123,862	0	0.00	0.00		
2/12/2024	Mon	9.2	715,359	0	29.2	123,862	0	0.00			
2/13/2024	Tue	9.5	715,359	0	29.3	123,862	0	0.00			
2/14/2024	Wed	10.2	715,359	0	29.3	123,862	0	0.00	0.00		
2/15/2024	Thu	10.6	715,359	0	29.4	123,862	0	0.00			
2/16/2024	Fri	11.1	715,359	0	29.5	123,862	0	0.00			
2/17/2024	Sat	11.1	715,359	0	29.5	123,862	0	0.00	0.00		
2/18/2024	Sun	11.1	715,359	0	29.5	123,862	0	0.00			
2/19/2024	Mon	12.6	715,359	2,042	29.5	123,862	0	0.00			
2/20/2024	Tue	8.3	717,401	0	29.7	123,862	0	0.00	0.00		
2/21/2024	Wed	8.7	717,401	0	29.8	123,862	0	0.00			
2/22/2024	Thu	9.3	717,401	0	30.1	123,862	0	0.00			
2/23/2024	Fri	10.2	717,401	0	30.3	123,862	0	0.00	0.00	0.00	
2/24/2024	Sat	10.2	717,401	0	30.3	123,862	0	0.00			
2/25/2024	Sun	10.2	717,401	0	30.3	123,862	0	0.00			
2/26/2024	Mon	14.9	717,401	2,568	30.9	123,862	0	0.00	0.00		
2/27/2024	Tue	5.9	719,969	0	30.9	123,862	0	0.00			
2/28/2024	Wed	6.4	719,969	0	31.0	123,862	0	0.00			
2/29/2024	Thu	7.7	719,969	0	31.2	123,862	0	0.00	0.00		

		South Phase LCS			South Phase LDS				150	60	
Date	Day of Week	Liquid Level (inches)	Flow meter reading (gallons)	Gallons Removed SPLCS	Sump level	Flow Meter Reading (gallons)	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
2/1/2024	Thu	35.8	36,411	0	33.6	116519	0	0.00			
2/2/2024	Fri	35.8	36,411	0	33.6	116519	0	0.00	0.00		
2/3/2024	Sat	35.8	36,411	0	33.6	116519	0	0.00			
2/4/2024	Sun	35.8	36,411	0	33.6	116519	0	0.00			
2/5/2024	Mon	35.8	36,411	0	33.6	116519	0	0.00	0.00		
2/6/2024	Tue	35.8	36,411	0	33.6	116519	0	0.00			
2/7/2024	Wed	35.8	36,411	0	33.6	116519	0	0.00			
2/8/2024	Thu	35.8	36,411	0	33.6	116519	0	0.00	0.00		
2/9/2024	Fri	35.8	36,411	0	33.6	116519	0	0.00			
2/10/2024	Sat	35.8	36,411	0	33.6	116519	0	0.00			
2/11/2024	Sun	35.8	36,411	0	33.6	116519	0	0.00	0.00	0.00	
2/12/2024	Mon	35.8	36,411	0	33.6	116519	0	0.00			
2/13/2024	Tue	35.8	36,411	0	33.6	116519	0	0.00			
2/14/2024	Wed	35.8	36,411	0	33.6	116519	0	0.00	0.00		
2/15/2024	Thu	35.8	36,411	0	33.6	116519	0	0.00			
2/16/2024	Fri	35.8	36,411	0	33.6	116519	0	0.00			
2/17/2024	Sat	35.8	36,411	0	33.6	116519	0	0.00	0.00		
2/18/2024	Sun	35.8	36,411	0	33.6	116519	0	0.00			
2/19/2024	Mon	71.2	0	62,119	36.2	0	594	109.39			Replaced Southphase LCS&LDS Pumps. Installed new flow meter for LDS.
2/20/2024	Tue	59.9	62,119	37,784	31.3	594	270	49.72	53.04		
2/21/2024	Wed	46.3	99,903	37,430	28.1	864	321	59.12			
2/22/2024	Thu	39.1	137,333	22,354	28.4	1185	64	11.79			
2/23/2024	Fri	34.6	159,687	5,491	28.4	1249	0	0.00	23.63		
2/24/2024	Sat	34.6	165,178	5,491	28.4	1249	0	0.00			
2/25/2024	Sun	34.6	170,669	5,492	28.4	1249	0	0.00		16.43	
2/26/2024	Mon	26.2	176,161	3,400	28.6	1249	136	25.05	8.35		
2/27/2024	Tue	25.3	179,561	3,426	28.7	1385	13	2.39			
2/28/2024	Wed	27.4	182,987	3,975	28.0	1398	0	0.00			
2/29/2024	Thu	24.5	186,962	2,809	27.9	1398	0	0.00	0.80		

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

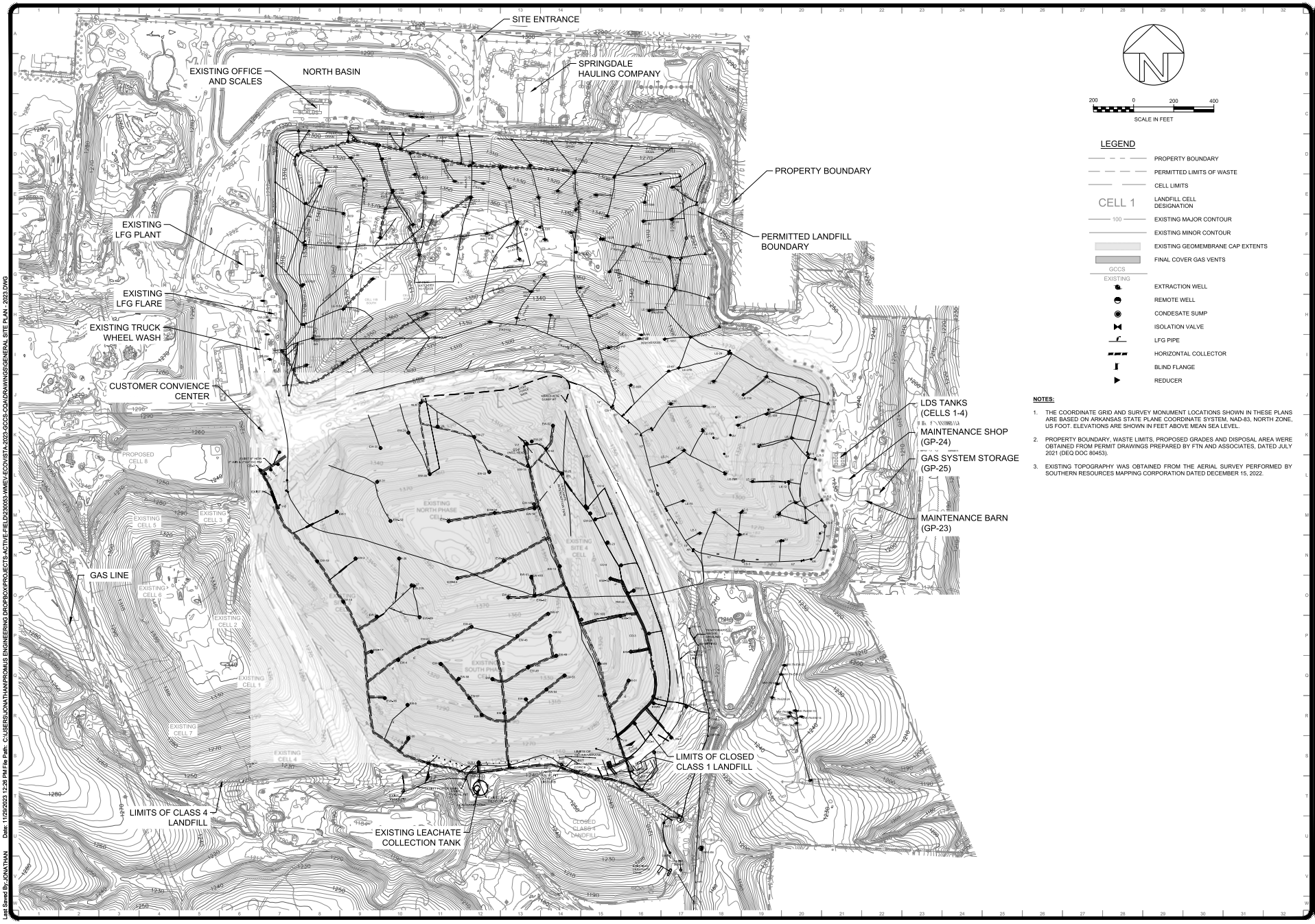
Device Name	Alias	Description	Active	Location	Downtime (hours)
EVEW1056	EW-1056	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVEW1057	EW-1057	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVEW1058	EW-1058	Lateral Expansion Area Well	Yes	Interior	0.25 hour
EVEW1059	EW-1059	Lateral Expansion 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	624 hours
TOTIOW02	OW-02	Out of Waste-NW of Old Hill	Yes	Exterior	624 hours
TOTIOW03	OW-03	Out of Waste-NW of Old Hill	Yes	Exterior	624 hours
TOTIOW04	OW-04	Out of Waste-NW of Old Hill	Yes	Exterior	624 hours
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): Blower 4 - 2.1.24 to 2.26.2
Well System (Interior): 2.17.24 - 0.25 hour



NOTES:

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

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

PREPARED FOR: WM

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

GENERAL SITE PLAN - 2023

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

Project No.: 230053
SHEET NUMBER
1

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

ATTACHMENT G

Laboratory Analytical Report & Field Forms

ANALYTICAL REPORT

February 12, 2024

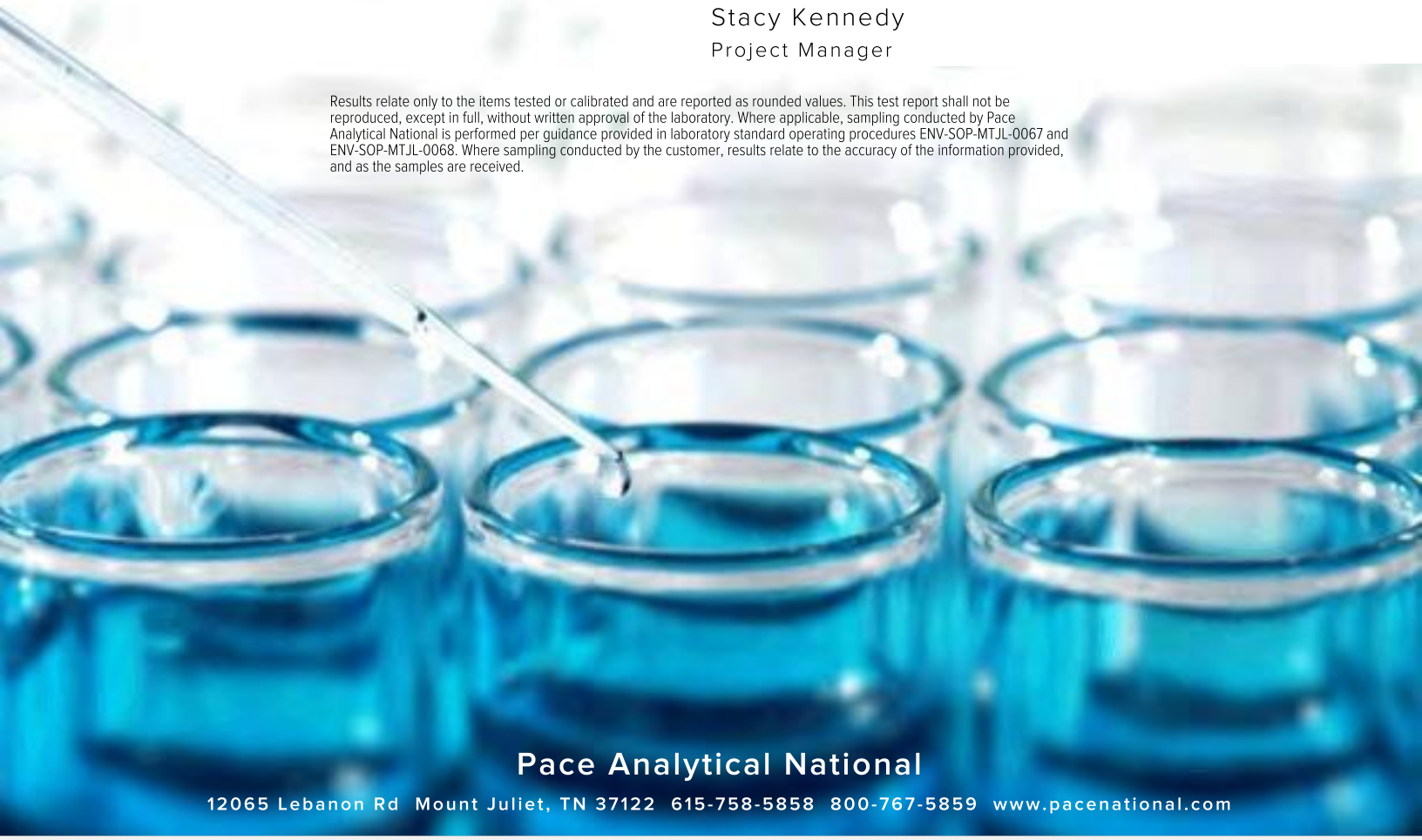
Eco-Vista (Tontitown)LF

Sample Delivery Group:	L1702034
Samples Received:	02/03/2024
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.



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LCS-1 L1702034-01 GW

Collected by: Chris F. | Collected date/time: 02/02/24 13:30 | Received date/time: 02/03/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2221205	500	02/07/24 12:12	02/07/24 12:12	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2219538	10	02/04/24 05:57	02/04/24 05:57	DLH	Mt. Juliet, TN

LCS-2 L1702034-02 GW

Collected by: Chris F. | Collected date/time: 02/02/24 13:00 | Received date/time: 02/03/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2221205	500	02/07/24 11:48	02/07/24 11:48	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2219538	10	02/04/24 06:45	02/04/24 06:45	DLH	Mt. Juliet, TN

LCS-3 L1702034-03 GW

Collected by: Chris F. | Collected date/time: 02/02/24 12:30 | Received date/time: 02/03/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2221205	500	02/07/24 11:49	02/07/24 11:49	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2219538	10	02/04/24 07:00	02/04/24 07:00	DLH	Mt. Juliet, TN

LCS-4 L1702034-04 GW

Collected by: Chris F. | Collected date/time: 02/02/24 12:00 | Received date/time: 02/03/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2221205	500	02/07/24 11:51	02/07/24 11:51	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2219538	10	02/04/24 07:16	02/04/24 07:16	DLH	Mt. Juliet, TN

LCS-5 L1702034-05 GW

Collected by: Chris F. | Collected date/time: 02/02/24 11:30 | Received date/time: 02/03/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2221205	500	02/07/24 11:52	02/07/24 11:52	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2219538	20	02/04/24 07:32	02/04/24 07:32	DLH	Mt. Juliet, TN

LCS-6 L1702034-06 GW

Collected by: Chris F. | Collected date/time: 02/02/24 11:00 | Received date/time: 02/03/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2221205	500	02/07/24 11:54	02/07/24 11:54	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2219538	10	02/04/24 07:48	02/04/24 07:48	DLH	Mt. Juliet, TN

LCS-7 L1702034-07 GW

Collected by: Chris F. | Collected date/time: 02/02/24 10:30 | Received date/time: 02/03/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2221206	500	02/07/24 15:06	02/07/24 15:06	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2219538	10	02/04/24 08:04	02/04/24 08:04	DLH	Mt. Juliet, TN

LCS-8 L1702034-08 GW

Collected by: Chris F. | Collected date/time: 02/02/24 10:00 | Received date/time: 02/03/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2221206	200	02/07/24 15:07	02/07/24 15:07	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2219538	10	02/04/24 08:20	02/04/24 08:20	DLH	Mt. Juliet, TN

LCS-9 L1702034-09 GW

Collected by: Chris F. | Collected date/time: 02/02/24 09:30 | Received date/time: 02/03/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2221206	200	02/07/24 15:09	02/07/24 15:09	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2219538	10	02/04/24 08:36	02/04/24 08:36	DLH	Mt. Juliet, TN

LCS-10 L1702034-10 GW

Collected by: Chris F. | Collected date/time: 02/02/24 09:00 | Received date/time: 02/03/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2221206	200	02/07/24 15:10	02/07/24 15:10	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2219538	10	02/04/24 08:52	02/04/24 08:52	DLH	Mt. Juliet, TN

LCS-11 L1702034-11 GW

Collected by: Chris F. | Collected date/time: 02/02/24 08:30 | Received date/time: 02/03/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2221206	500	02/07/24 15:12	02/07/24 15:12	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2219538	10	02/04/24 09:08	02/04/24 09:08	DLH	Mt. Juliet, TN

LCS-12 L1702034-12 GW

Collected by: Chris F. | Collected date/time: 02/02/24 08:00 | Received date/time: 02/03/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2221206	200	02/07/24 15:13	02/07/24 15:13	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2219538	10	02/04/24 09:55	02/04/24 09:55	DLH	Mt. Juliet, TN

LDS-1 L1702034-13 GW

Collected by: Chris F. | Collected date/time: 02/02/24 13:45 | Received date/time: 02/03/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2221206	5	02/07/24 15:15	02/07/24 15:15	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2219538	10	02/04/24 10:11	02/04/24 10:11	DLH	Mt. Juliet, TN

LDS-2 L1702034-14 GW

Collected by: Chris F. | Collected date/time: 02/02/24 13:15 | Received date/time: 02/03/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2221206	5	02/07/24 15:16	02/07/24 15:16	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2220749	5	02/06/24 13:12	02/06/24 13:12	HMM	Mt. Juliet, TN

LDS-3 L1702034-15 GW

Collected by: Chris F. | Collected date/time: 02/02/24 12:45 | Received date/time: 02/03/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2221206	100	02/07/24 15:22	02/07/24 15:22	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2220749	10	02/06/24 13:21	02/06/24 13:21	HMM	Mt. Juliet, TN

LDS-4 L1702034-16 GW

Collected by: Chris F. | Collected date/time: 02/02/24 12:15 | Received date/time: 02/03/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2221206	200	02/07/24 15:24	02/07/24 15:24	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2220749	10	02/06/24 13:30	02/06/24 13:30	HMM	Mt. Juliet, TN

LDS-5 L1702034-17 GW

Collected by: Chris F. | Collected date/time: 02/02/24 11:45 | Received date/time: 02/03/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2221206	500	02/07/24 15:25	02/07/24 15:25	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2220749	10	02/06/24 13:40	02/06/24 13:40	HMM	Mt. Juliet, TN

LDS-6 L1702034-18 GW

Collected by: Chris F. | Collected date/time: 02/02/24 11:15 | Received date/time: 02/03/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2221206	50	02/07/24 15:27	02/07/24 15:27	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2220749	10	02/06/24 13:49	02/06/24 13:49	HMM	Mt. Juliet, TN

LDS-7 L1702034-19 GW

Collected by: Chris F. | Collected date/time: 02/02/24 10:45 | Received date/time: 02/03/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2221206	200	02/07/24 15:28	02/07/24 15:28	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2220749	5	02/06/24 13:59	02/06/24 13:59	HMM	Mt. Juliet, TN

LDS-8 L1702034-20 GW

Collected by: Chris F. | Collected date/time: 02/02/24 10:15 | Received date/time: 02/03/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2221206	100	02/07/24 15:30	02/07/24 15:30	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2220749	10	02/06/24 14:08	02/06/24 14:08	HMM	Mt. Juliet, TN

LDS-9 L1702034-21 GW

Collected by: Chris F. | Collected date/time: 02/02/24 09:45 | Received date/time: 02/03/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2221206	20	02/07/24 15:31	02/07/24 15:31	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2220749	1	02/06/24 14:37	02/06/24 14:37	HMM	Mt. Juliet, TN

LDS-10 L1702034-22 GW

Collected by: Chris F. | Collected date/time: 02/02/24 09:15 | Received date/time: 02/03/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2221206	200	02/07/24 15:33	02/07/24 15:33	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2220749	5	02/06/24 15:15	02/06/24 15:15	HMM	Mt. Juliet, TN

LDS-11 L1702034-23 GW

Collected by: Chris F. | Collected date/time: 02/02/24 08:45 | Received date/time: 02/03/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2221206	500	02/07/24 15:34	02/07/24 15:34	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2220749	20	02/06/24 15:24	02/06/24 15:24	HMM	Mt. Juliet, TN

LDS-12 L1702034-24 GW

Collected by: Chris F. | Collected date/time: 02/02/24 08:15 | Received date/time: 02/03/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2221206	100	02/07/24 15:36	02/07/24 15:36	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2220749	10	02/06/24 15:34	02/06/24 15:34	HMM	Mt. Juliet, TN

LGW-2 L1702034-25 GW

Collected by: Chris F. | Collected date/time: 02/01/24 14:15 | Received date/time: 02/03/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2221206	1	02/07/24 15:42	02/07/24 15:42	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2220741	1	02/06/24 20:36	02/06/24 20:36	HMM	Mt. Juliet, TN

LGW-3R L1702034-26 GW

Collected by: Chris F. | Collected date/time: 02/01/24 13:40 | Received date/time: 02/03/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2221206	1	02/07/24 15:48	02/07/24 15:48	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2220741	1	02/06/24 21:14	02/06/24 21:14	HMM	Mt. Juliet, TN

LGW-4 L1702034-27 GW

Collected by: Chris F. | Collected date/time: 02/01/24 13:10 | Received date/time: 02/03/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2221935	1	02/08/24 11:05	02/08/24 11:05	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2220741	1	02/06/24 21:23	02/06/24 21:23	HMM	Mt. Juliet, TN

LGW-5 L1702034-28 GW

Collected by: Chris F. | Collected date/time: 02/01/24 12:20 | Received date/time: 02/03/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2221935	1	02/08/24 11:09	02/08/24 11:09	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2220741	1	02/06/24 21:33	02/06/24 21:33	HMM	Mt. Juliet, TN

LGW-6 L1702034-29 GW

Collected by: Chris F. | Collected date/time: 02/01/24 11:05 | Received date/time: 02/03/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2221935	1	02/08/24 11:12	02/08/24 11:12	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2220741	1	02/06/24 21:42	02/06/24 21:42	HMM	Mt. Juliet, TN

LGW-7 L1702034-30 GW

Collected by: Chris F. | Collected date/time: 02/01/24 09:45 | Received date/time: 02/03/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2221935	1	02/08/24 11:14	02/08/24 11:14	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2221708	1	02/07/24 13:22	02/07/24 13:22	DLH	Mt. Juliet, TN

LGW-8R L1702034-31 GW

Collected by: Chris F. | Collected date/time: 02/01/24 10:20 | Received date/time: 02/03/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2221935	1	02/08/24 11:21	02/08/24 11:21	BMD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2221708	1	02/07/24 14:25	02/07/24 14:25	DLH	Mt. Juliet, TN

LGW-9 L1702034-32 GW

Collected by: Chris F. | Collected date/time: 02/01/24 15:40 | Received date/time: 02/03/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2221935	1	02/08/24 11:24	02/08/24 11:24	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2221708	1	02/07/24 14:41	02/07/24 14:41	DLH	Mt. Juliet, TN

LGW-10 L1702034-33 GW

Collected by: Chris F. | Collected date/time: 02/01/24 16:15 | Received date/time: 02/03/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2221935	1	02/08/24 11:26	02/08/24 11:26	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2221708	1	02/07/24 14:56	02/07/24 14:56	DLH	Mt. Juliet, TN

LGW-14R L1702034-34 GW

Collected by: Chris F. | Collected date/time: 02/01/24 11:45 | Received date/time: 02/03/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2221935	1	02/08/24 11:27	02/08/24 11:27	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2220749	1	02/06/24 15:43	02/06/24 15:43	HMM	Mt. Juliet, TN

MW-7N L1702034-35 GW

Collected by: Chris F. | Collected date/time: 02/01/24 09:05 | Received date/time: 02/03/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2221935	1	02/08/24 11:29	02/08/24 11:29	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2220749	1	02/06/24 15:53	02/06/24 15:53	HMM	Mt. Juliet, TN

MW-15 L1702034-36 GW

Collected by: Chris F. | Collected date/time: 02/01/24 15:00 | Received date/time: 02/03/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2221935	1	02/08/24 11:30	02/08/24 11:30	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2220749	1	02/06/24 16:02	02/06/24 16:02	HMM	Mt. Juliet, TN

MW-16 L1702034-37 GW

Collected by: Chris F. | Collected date/time: 02/01/24 17:00 | Received date/time: 02/03/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2221935	1	02/08/24 11:32	02/08/24 11:32	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2220749	1	02/06/24 16:31	02/06/24 16:31	HMM	Mt. Juliet, TN

MW-17 L1702034-38 GW

Collected by: Chris F. | Collected date/time: 02/01/24 18:35 | Received date/time: 02/03/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2221935	1	02/08/24 11:33	02/08/24 11:33	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2220749	1	02/06/24 16:40	02/06/24 16:40	HMM	Mt. Juliet, TN

MW-19 L1702034-39 GW

Collected by: Chris F. | Collected date/time: 02/01/24 17:40 | Received date/time: 02/03/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2221935	1	02/08/24 11:35	02/08/24 11:35	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2220749	1	02/06/24 16:50	02/06/24 16:50	HMM	Mt. Juliet, TN

FB L1702034-40 GW

Collected by: Chris F. | Collected date/time: 02/02/24 08:45 | Received date/time: 02/03/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2221935	1	02/08/24 11:41	02/08/24 11:41	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2220749	1	02/06/24 16:59	02/06/24 16:59	HMM	Mt. Juliet, TN

LGW-6-DUP L1702034-41 GW

Collected by: Chris F. | Collected date/time: 02/02/24 07:00 | Received date/time: 02/03/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2221935	1	02/08/24 11:42	02/08/24 11:42	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2220749	1	02/06/24 17:09	02/06/24 17:09	HMM	Mt. Juliet, TN

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

Stacy Kennedy
Project Manager

Project Comments

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

Sample Delivery Group (SDG) Narrative

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

Batch	Method	Lab Sample ID
WG2221205	350.1	L1702034-01, 02, 03, 04, 05, 06
WG2221206	350.1	L1702034-07, 09, 10, 11, 12, 15, 16, 23

Wet Chemistry by Method 350.1

RPD value not applicable for sample concentrations less than 5 times the reporting limit.

Batch	Lab Sample ID	Analytes
WG2221935	(DUP) R4031545-7, (DUP) R4031545-8, L1702034-28, 31	Ammonia Nitrogen

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

Batch	Lab Sample ID	Analytes
WG2221935	(MS) R4031545-6, L1702034-30	Ammonia Nitrogen

Wet Chemistry by Method 9056A

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

Batch	Lab Sample ID	Analytes
WG2219538	(MS) R4029808-7	Chloride
WG2220749	(MS) R4030728-4, (MSD) R4030728-5, L1702034-21	Chloride

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

Batch	Lab Sample ID	Analytes
WG2220741	(MS) R4030726-7	Chloride
WG2220749	(MS) R4030728-7	Chloride
WG2221708	(MS) R4032660-7	Chloride

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

Analyte	Result	Units
pH (On Site)	7.6	su
Specific Conductance (on site)	20415	umhos/cm
Temperature (on-site)	25.9	Deg. C
Turbidity (on-site)	534.82	NTU
Dissolved Oxygen (on-site)	3.72	mg/l
eH/ORP (On Site)	-178.6	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	1620		15.8	500	02/07/2024 12:12	WG2221205

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	1600		3.00	10	02/04/2024 05:57	WG2219538

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

Analyte	Result	Units
pH (On Site)	7.26	su
Specific Conductance (on site)	14425	umhos/cm
Temperature (on-site)	18.5	Deg. C
Turbidity (on-site)	23.68	NTU
Dissolved Oxygen (on-site)	3.62	mg/l
eH/ORP (On Site)	-161.8	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	923		15.8	500	02/07/2024 11:48	WG2221205

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	1350		3.00	10	02/04/2024 06:45	WG2219538

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

Analyte	Result	Units
pH (On Site)	7.41	su
Specific Conductance (on site)	15574	umhos/cm
Temperature (on-site)	23	Deg. C
Turbidity (on-site)	1115.37	NTU
Dissolved Oxygen (on-site)	4.51	mg/l
eH/ORP (On Site)	-135.1	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	1030		15.8	500	02/07/2024 11:49	WG2221205

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	1290		3.00	10	02/04/2024 07:00	WG2219538

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

Analyte	Result	Units
pH (On Site)	7.37	su
Specific Conductance (on site)	18250	umhos/cm
Temperature (on-site)	27.5	Deg. C
Turbidity (on-site)	72.36	NTU
Dissolved Oxygen (on-site)	2.33	mg/l
eH/ORP (On Site)	-153.7	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	1300		15.8	500	02/07/2024 11:51	WG2221205

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	1400		3.00	10	02/04/2024 07:16	WG2219538

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

Analyte	Result	Units
pH (On Site)	7.72	su
Specific Conductance (on site)	31113	umhos/cm
Temperature (on-site)	25.5	Deg. C
Turbidity (on-site)	293.56	NTU
Dissolved Oxygen (on-site)	1.52	mg/l
eH/ORP (On Site)	-234.7	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	2540		15.8	500	02/07/2024 11:52	WG2221205

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	2380		3.00	20	02/04/2024 07:32	WG2219538

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)	14901	umhos/cm
Temperature (on-site)	21.5	Deg. C
Turbidity (on-site)	4845.66	NTU
Dissolved Oxygen (on-site)	4.67	mg/l
eH/ORP (On Site)	-86.2	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	1010		15.8	500	02/07/2024 11:54	WG2221205

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	1170		3.00	10	02/04/2024 07:48	WG2219538

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)	14742	umhos/cm
Temperature (on-site)	27	Deg. C
Turbidity (on-site)	60.73	NTU
Dissolved Oxygen (on-site)	2.92	mg/l
eH/ORP (On Site)	-106.2	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	998		15.8	500	02/07/2024 15:06	WG2221206

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	1260		3.00	10	02/04/2024 08:04	WG2219538

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

Analyte	Result	Units
pH (On Site)	7.23	su
Specific Conductance (on site)	12281	umhos/cm
Temperature (on-site)	28.6	Deg. C
Turbidity (on-site)	42.02	NTU
Dissolved Oxygen (on-site)	3.06	mg/l
eH/ORP (On Site)	-111.7	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	802		6.34	200	02/07/2024 15:07	WG2221206

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	947		3.00	10	02/04/2024 08:20	WG2219538

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)	18271	umhos/cm
Temperature (on-site)	31.8	Deg. C
Turbidity (on-site)	1012.67	NTU
Dissolved Oxygen (on-site)	1.33	mg/l
eH/ORP (On Site)	-49.7	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	1350		6.34	200	02/07/2024 15:09	WG2221206

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	1520		3.00	10	02/04/2024 08:36	WG2219538

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

Analyte	Result	Units
pH (On Site)	7.57	su
Specific Conductance (on site)	21458	umhos/cm
Temperature (on-site)	29	Deg. C
Turbidity (on-site)	114.74	NTU
Dissolved Oxygen (on-site)	2.13	mg/l
eH/ORP (On Site)	-175	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	1660		6.34	200	02/07/2024 15:10	WG2221206

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	1720		3.00	10	02/04/2024 08:52	WG2219538

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

Analyte	Result	Units
pH (On Site)	8.17	su
Specific Conductance (on site)	29036	umhos/cm
Temperature (on-site)	26.4	Deg. C
Turbidity (on-site)	5082.16	NTU
Dissolved Oxygen (on-site)	5.01	mg/l
eH/ORP (On Site)	-94.6	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	2520		15.8	500	02/07/2024 15:12	WG2221206

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	1790		3.00	10	02/04/2024 09:08	WG2219538

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

Analyte	Result	Units
pH (On Site)	7.65	su
Specific Conductance (on site)	23619	umhos/cm
Temperature (on-site)	29.9	Deg. C
Turbidity (on-site)	559.74	NTU
Dissolved Oxygen (on-site)	4.21	mg/l
eH/ORP (On Site)	-137.2	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	1870		6.34	200	02/07/2024 15:13	WG2221206

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	1980		3.00	10	02/04/2024 09:55	WG2219538

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)	3929	umhos/cm
Temperature (on-site)	27.6	Deg. C
Turbidity (on-site)	37.77	NTU
Dissolved Oxygen (on-site)	2.47	mg/l
eH/ORP (On Site)	-131.3	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	16.7		0.158	5	02/07/2024 15:15	WG2221206

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	205		3.00	10	02/04/2024 10:11	WG2219538

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

Analyte	Result	Units
pH (On Site)	6.78	su
Specific Conductance (on site)	2543	umhos/cm
Temperature (on-site)	16.2	Deg. C
Turbidity (on-site)	81.24	NTU
Dissolved Oxygen (on-site)	5.68	mg/l
eH/ORP (On Site)	-112.1	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	5.42		0.158	5	02/07/2024 15:16	WG2221206

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	275		3.00	5	02/06/2024 13:12	WG2220749

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

Analyte	Result	Units
pH (On Site)	7.51	su
Specific Conductance (on site)	19462	umhos/cm
Temperature (on-site)	23.6	Deg. C
Turbidity (on-site)	2709.45	NTU
Dissolved Oxygen (on-site)	3.93	mg/l
eH/ORP (On Site)	-137.1	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	180		3.17	100	02/07/2024 15:22	WG2221206

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	1440		3.00	10	02/06/2024 13:21	WG2220749

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

Analyte	Result	Units
pH (On Site)	7.36	su
Specific Conductance (on site)	19217	umhos/cm
Temperature (on-site)	27.6	Deg. C
Turbidity (on-site)	45.16	NTU
Dissolved Oxygen (on-site)	1.42	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	1020		6.34	200	02/07/2024 15:24	WG2221206

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	1430		3.00	10	02/06/2024 13:30	WG2220749

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)	13004	umhos/cm
Temperature (on-site)	23.2	Deg. C
Turbidity (on-site)	26.48	NTU
Dissolved Oxygen (on-site)	2.14	mg/l
eH/ORP (On Site)	-141.7	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	416		15.8	500	02/07/2024 15:25	WG2221206

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	865		3.00	10	02/06/2024 13:40	WG2220749

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

Analyte	Result	Units
pH (On Site)	7.73	su
Specific Conductance (on site)	11376	umhos/cm
Temperature (on-site)	17.1	Deg. C
Turbidity (on-site)	54.73	NTU
Dissolved Oxygen (on-site)	4.6	mg/l
eH/ORP (On Site)	-72	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	156		1.58	50	02/07/2024 15:27	WG2221206

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	1000		3.00	10	02/06/2024 13:49	WG2220749

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

Analyte	Result	Units
pH (On Site)	7.2	su
Specific Conductance (on site)	6907	umhos/cm
Temperature (on-site)	22.4	Deg. C
Turbidity (on-site)	66.9	NTU
Dissolved Oxygen (on-site)	3.24	mg/l
eH/ORP (On Site)	-141.7	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	184		6.34	200	02/07/2024 15:28	WG2221206

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	350		3.00	5	02/06/2024 13:59	WG2220749

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

Analyte	Result	Units
pH (On Site)	7.19	su
Specific Conductance (on site)	12093	umhos/cm
Temperature (on-site)	27.4	Deg. C
Turbidity (on-site)	18.93	NTU
Dissolved Oxygen (on-site)	2.53	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	747		3.17	100	02/07/2024 15:30	WG2221206

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	905		3.00	10	02/06/2024 14:08	WG2220749

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)	2153	umhos/cm
Temperature (on-site)	24.8	Deg. C
Turbidity (on-site)	26.45	NTU
Dissolved Oxygen (on-site)	2.09	mg/l
eH/ORP (On Site)	-97.1	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	19.8		0.634	20	02/07/2024 15:31	WG2221206

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	178	V	3.00	1	02/06/2024 14:37	WG2220749

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)	5716	umhos/cm
Temperature (on-site)	20.5	Deg. C
Turbidity (on-site)	58.32	NTU
Dissolved Oxygen (on-site)	2.1	mg/l
eH/ORP (On Site)	-154.6	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	233		6.34	200	02/07/2024 15:33	WG2221206

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	468		3.00	5	02/06/2024 15:15	WG2220749

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

Analyte	Result	Units
pH (On Site)	7.8	su
Specific Conductance (on site)	31162	umhos/cm
Temperature (on-site)	24.4	Deg. C
Turbidity (on-site)	408.39	NTU
Dissolved Oxygen (on-site)	3.22	mg/l
eH/ORP (On Site)	-160.4	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	2170		15.8	500	02/07/2024 15:34	WG2221206

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	2630		3.00	20	02/06/2024 15:24	WG2220749

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

Analyte	Result	Units
pH (On Site)	7.32	su
Specific Conductance (on site)	15737	umhos/cm
Temperature (on-site)	27.5	Deg. C
Turbidity (on-site)	5055.81	NTU
Dissolved Oxygen (on-site)	2.57	mg/l
eH/ORP (On Site)	-146.7	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	593		3.17	100	02/07/2024 15:36	WG2221206

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	935		3.00	10	02/06/2024 15:34	WG2220749

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

Analyte	Result	Units
pH (On Site)	6.8	su
Specific Conductance (on site)	619	umhos/cm
Temperature (on-site)	17.4	Deg. C
Turbidity (on-site)	6.9	NTU
Dissolved Oxygen (on-site)	6.2	mg/l
eH/ORP (On Site)	108.1	mV
Depth to water (DTW) (FROM TOC)	75.44	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	02/07/2024 15:42	WG2221206

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	11.9		3.00	1	02/06/2024 20:36	WG2220741

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

Analyte	Result	Units
pH (On Site)	5.79	su
Specific Conductance (on site)	127	umhos/cm
Temperature (on-site)	16	Deg. C
Turbidity (on-site)	10.1	NTU
Dissolved Oxygen (on-site)	5.3	mg/l
eH/ORP (On Site)	114.7	mV
Depth to water (DTW) (FROM TOC)	56.48	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	02/07/2024 15:48	WG2221206

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	4.75		3.00	1	02/06/2024 21:14	WG2220741

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

Analyte	Result	Units
pH (On Site)	6.66	su
Specific Conductance (on site)	755	umhos/cm
Temperature (on-site)	16	Deg. C
Turbidity (on-site)	11.1	NTU
Dissolved Oxygen (on-site)	1.8	mg/l
eH/ORP (On Site)	58.1	mV
Depth to water (DTW) (FROM TOC)	60.41	ft

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	0.118		0.100	1	02/08/2024 11:05	WG2221935

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	22.7		3.00	1	02/06/2024 21:23	WG2220741

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

Analyte	Result	Units
pH (On Site)	6.57	su
Specific Conductance (on site)	708	umhos/cm
Temperature (on-site)	17.5	Deg. C
Turbidity (on-site)	9.9	NTU
Dissolved Oxygen (on-site)	4	mg/l
eH/ORP (On Site)	56.6	mV
Depth to water (DTW) (FROM TOC)	72	ft

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	0.298	P1	0.100	1	02/08/2024 11:09	WG2221935

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	22.0		3.00	1	02/06/2024 21:33	WG2220741

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

Analyte	Result	Units
pH (On Site)	6.39	su
Specific Conductance (on site)	694	umhos/cm
Temperature (on-site)	16.4	Deg. C
Turbidity (on-site)	8.8	NTU
Dissolved Oxygen (on-site)	1.4	mg/l
eH/ORP (On Site)	-7.1	mV
Depth to water (DTW) (FROM TOC)	51.35	ft

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	0.345		0.100	1	02/08/2024 11:12	WG2221935

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	18.4		3.00	1	02/06/2024 21:42	WG2220741

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

Analyte	Result	Units
pH (On Site)	6.82	su
Specific Conductance (on site)	572	umhos/cm
Temperature (on-site)	16.7	Deg. C
Turbidity (on-site)	9.7	NTU
Dissolved Oxygen (on-site)	2.2	mg/l
eH/ORP (On Site)	130.4	mV
Depth to water (DTW) (FROM TOC)	43.05	ft

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	0.366	J5	0.100	1	02/08/2024 11:14	WG2221935

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	16.0		3.00	1	02/07/2024 13:22	WG2221708

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

Analyte	Result	Units
pH (On Site)	6.65	su
Specific Conductance (on site)	722	umhos/cm
Temperature (on-site)	15.2	Deg. C
Turbidity (on-site)	9.1	NTU
Dissolved Oxygen (on-site)	0.7	mg/l
eH/ORP (On Site)	130.9	mV
Depth to water (DTW) (FROM TOC)	10.4	ft

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	0.265	P1	0.100	1	02/08/2024 11:21	WG2221935

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	20.1		3.00	1	02/07/2024 14:25	WG2221708

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

Analyte	Result	Units
pH (On Site)	6.47	su
Specific Conductance (on site)	759	umhos/cm
Temperature (on-site)	16.5	Deg. C
Turbidity (on-site)	9.4	NTU
Dissolved Oxygen (on-site)	0.8	mg/l
eH/ORP (On Site)	113.9	mV
Depth to water (DTW) (FROM TOC)	52	ft

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	0.323		0.100	1	02/08/2024 11:24	WG2221935

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	34.1		3.00	1	02/07/2024 14:41	WG2221708

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

Analyte	Result	Units
pH (On Site)	6.44	su
Specific Conductance (on site)	932	umhos/cm
Temperature (on-site)	16.6	Deg. C
Turbidity (on-site)	10.2	NTU
Dissolved Oxygen (on-site)	0.6	mg/l
eH/ORP (On Site)	-46.5	mV
Depth to water (DTW) (FROM TOC)	59.1	ft

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	0.555		0.100	1	02/08/2024 11:26	WG2221935

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	25.1		3.00	1	02/07/2024 14:56	WG2221708

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

Analyte	Result	Units
pH (On Site)	6.9	su
Specific Conductance (on site)	577	umhos/cm
Temperature (on-site)	16.2	Deg. C
Turbidity (on-site)	8.9	NTU
Dissolved Oxygen (on-site)	4.3	mg/l
eH/ORP (On Site)	50.1	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	0.400		0.100	1	02/08/2024 11:27	WG2221935

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	5.76		3.00	1	02/06/2024 15:43	WG2220749

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

Analyte	Result	Units
pH (On Site)	6.81	su
Specific Conductance (on site)	556	umhos/cm
Temperature (on-site)	15.1	Deg. C
Turbidity (on-site)	10.7	NTU
Dissolved Oxygen (on-site)	4.5	mg/l
eH/ORP (On Site)	152	mV
Depth to water (DTW) (FROM TOC)	87.18	ft

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	0.143		0.100	1	02/08/2024 11:29	WG2221935

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	29.8		3.00	1	02/06/2024 15:53	WG2220749

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

Analyte	Result	Units
pH (On Site)	6.61	su
Specific Conductance (on site)	616	umhos/cm
Temperature (on-site)	15.7	Deg. C
Turbidity (on-site)	9.1	NTU
Dissolved Oxygen (on-site)	4.7	mg/l
eH/ORP (On Site)	102.6	mV
Depth to water (DTW) (FROM TOC)	58.86	ft

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	0.275		0.100	1	02/08/2024 11:30	WG2221935

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	42.0		3.00	1	02/06/2024 16:02	WG2220749

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

Analyte	Result	Units
pH (On Site)	7.26	su
Specific Conductance (on site)	352	umhos/cm
Temperature (on-site)	16	Deg. C
Turbidity (on-site)	10.3	NTU
Dissolved Oxygen (on-site)	6.6	mg/l
eH/ORP (On Site)	-18.6	mV
Depth to water (DTW) (FROM TOC)	74.75	ft

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	0.414		0.100	1	02/08/2024 11:32	WG2221935

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	4.15		3.00	1	02/06/2024 16:31	WG2220749

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)	296	umhos/cm
Temperature (on-site)	17	Deg. C
Turbidity (on-site)	29.6	NTU
Dissolved Oxygen (on-site)	6	mg/l
eH/ORP (On Site)	54.5	mV
Depth to water (DTW) (FROM TOC)	60.58	ft

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	0.217		0.100	1	02/08/2024 11:33	WG2221935

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	6.67		3.00	1	02/06/2024 16:40	WG2220749

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

Analyte	Result	Units
pH (On Site)	6.71	su
Specific Conductance (on site)	650	umhos/cm
Temperature (on-site)	17.8	Deg. C
Turbidity (on-site)	9.5	NTU
Dissolved Oxygen (on-site)	2.9	mg/l
eH/ORP (On Site)	57.1	mV
Depth to water (DTW) (FROM TOC)	67.67	ft

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	0.266		0.100	1	02/08/2024 11:35	WG2221935

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	7.51		3.00	1	02/06/2024 16:50	WG2220749

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	0.278		0.100	1	02/08/2024 11:41	WG2221935

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	ND		3.00	1	02/06/2024 16:59	WG2220749

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	0.470		0.100	1	02/08/2024 11:42	WG2221935

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	18.3		3.00	1	02/06/2024 17:09	WG2220749

Method Blank (MB)

(MB) R4030980-1 02/07/24 11:03

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

L1701907-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1701907-05 02/07/24 11:34 • (DUP) R4030980-6 02/07/24 11:36

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

L1701907-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1701907-03 02/07/24 12:08 • (DUP) R4030980-7 02/07/24 12:09

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Ammonia Nitrogen	4.41	4.41	1	0.204		10

Laboratory Control Sample (LCS)

(LCS) R4030980-2 02/07/24 11:05

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Ammonia Nitrogen	7.50	7.27	96.9	90.0-110	

L1701903-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1701903-01 02/07/24 11:18 • (MS) R4030980-3 02/07/24 11:19 • (MSD) R4030980-4 02/07/24 11:21

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	2.06	7.08	7.02	101	99.3	1	90.0-110			0.922	10

L1701907-04 Original Sample (OS) • Matrix Spike (MS)

(OS) L1701907-04 02/07/24 11:31 • (MS) R4030980-5 02/07/24 11:33

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	5.21	104	1	90.0-110	

Method Blank (MB)

(MB) R4031001-1 02/07/24 15:03

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

L1702034-25 Original Sample (OS) • Duplicate (DUP)

(OS) L1702034-25 02/07/24 15:42 • (DUP) R4031001-3 02/07/24 15:43

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

L1702034-26 Original Sample (OS) • Duplicate (DUP)

(OS) L1702034-26 02/07/24 15:48 • (DUP) R4031001-6 02/07/24 15:49

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) R4031001-2 02/07/24 15:04

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Ammonia Nitrogen	7.50	7.87	105	90.0-110	

L1702034-25 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1702034-25 02/07/24 15:42 • (MS) R4031001-4 02/07/24 15:45 • (MSD) R4031001-5 02/07/24 15:46

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	5.17	5.19	103	104	1	90.0-110			0.444	10

L1702034-26 Original Sample (OS) • Matrix Spike (MS)

(OS) L1702034-26 02/07/24 15:48 • (MS) R4031001-7 02/07/24 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	ND	5.14	103	1	90.0-110	

QUALITY CONTROL SUMMARY

L1702034-27,28,29,30,31,32,33,34,35,36,37,38,39,40,41

Method Blank (MB)

(MB) R4031545-1 02/08/24 10:57

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

L1702034-28 Original Sample (OS) • Duplicate (DUP)

(OS) L1702034-28 02/08/24 11:09 • (DUP) R4031545-7 02/08/24 11:11

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Ammonia Nitrogen	0.298	0.492	1	49.1	P1	10

L1702034-31 Original Sample (OS) • Duplicate (DUP)

(OS) L1702034-31 02/08/24 11:21 • (DUP) R4031545-8 02/08/24 11:23

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Ammonia Nitrogen	0.265	0.294	1	10.4	P1	10

Laboratory Control Sample (LCS)

(LCS) R4031545-2 02/08/24 10:58

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Ammonia Nitrogen	7.50	7.84	104	90.0-110	

L1702034-27 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1702034-27 02/08/24 11:05 • (MS) R4031545-3 02/08/24 11:06 • (MSD) R4031545-4 02/08/24 11:08

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	0.118	5.58	5.58	109	109	1	90.0-110			0.108	10

L1702034-30 Original Sample (OS) • Matrix Spike (MS)

(OS) L1702034-30 02/08/24 11:14 • (MS) R4031545-6 02/08/24 11:15

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Ammonia Nitrogen	5.00	0.366	5.94	112	1	90.0-110	J5

QUALITY CONTROL SUMMARY

L1702034-01,02,03,04,05,06,07,08,09,10,11,12,13

Method Blank (MB)

(MB) R4029808-1 02/03/24 09:09

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

L1702044-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1702044-03 02/04/24 00:23 • (DUP) R4029808-3 02/04/24 00:39

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	9.47	9.45	1	0.240		15

L1701927-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1701927-01 02/04/24 04:06 • (DUP) R4029808-6 02/04/24 04:21

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	178	178	1	0.218		15

Laboratory Control Sample (LCS)

(LCS) R4029808-2 02/03/24 09:25

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	39.3	98.3	80.0-120	

L1702044-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1702044-03 02/04/24 00:23 • (MS) R4029808-4 02/04/24 00:55 • (MSD) R4029808-5 02/04/24 01:11

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	40.0	9.47	47.3	46.4	94.5	92.2	1	80.0-120			1.92	15

L1701927-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1701927-01 02/04/24 04:06 • (MS) R4029808-7 02/04/24 04:37

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40.0	178	182	10.6	1	80.0-120	V

Method Blank (MB)

(MB) R4030726-1 02/06/24 20:17

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	0.150		0.0519	1.00

L1702034-25 Original Sample (OS) • Duplicate (DUP)

(OS) L1702034-25 02/06/24 20:36 • (DUP) R4030726-3 02/06/24 20:45

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	11.9	11.8	1	1.10		15

L1702088-11 Original Sample (OS) • Duplicate (DUP)

(OS) L1702088-11 02/07/24 00:43 • (DUP) R4030726-6 02/07/24 00:53

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	153	156	1	1.46		15

Laboratory Control Sample (LCS)

(LCS) R4030726-2 02/06/24 20:26

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	40.7	102	80.0-120	

L1702034-25 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1702034-25 02/06/24 20:36 • (MS) R4030726-4 02/06/24 20:55 • (MSD) R4030726-5 02/06/24 21:04

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	40.0	11.9	54.0	57.4	105	114	1	80.0-120			6.07	15

L1702088-11 Original Sample (OS) • Matrix Spike (MS)

(OS) L1702088-11 02/07/24 00:43 • (MS) R4030726-7 02/07/24 01:02

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40.0	153	163	24.0	1	80.0-120	J6

QUALITY CONTROL SUMMARY

L1702034-14,15,16,17,18,19,20,21,22,23,24,34,35,36,37,38,39,40,41

Method Blank (MB)

(MB) R4030728-1 02/06/24 11:50

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	0.0933		0.0519	1.00

L1702034-21 Original Sample (OS) • Duplicate (DUP)

(OS) L1702034-21 02/06/24 14:37 • (DUP) R4030728-3 02/06/24 14:46

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	178	177	1	0.275		15

L1702089-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1702089-01 02/06/24 17:19 • (DUP) R4030728-6 02/06/24 17:28

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	122	122	1	0.334		15

Laboratory Control Sample (LCS)

(LCS) R4030728-2 02/06/24 12:00

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	41.0	103	80.0-120	

L1702034-21 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1702034-21 02/06/24 14:37 • (MS) R4030728-4 02/06/24 14:56 • (MSD) R4030728-5 02/06/24 15:05

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	178	184	183	14.7	13.1	1	80.0-120	V	V	0.335	15

Sample Narrative:

MS: Spike failure due to matrix interference

MSD: Spike failure due to matrix interference

L1702089-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1702089-01 02/06/24 17:19 • (MS) R4030728-7 02/06/24 17:55

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40.0	122	138	40.4	1	80.0-120	J6

Sample Narrative:

MS: Spike failure due to matrix interference

QUALITY CONTROL SUMMARY

L1702034-30,31,32,33

Method Blank (MB)

(MB) R4032660-1 02/07/24 09:05

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	0.207		0.0519	1.00

L1702034-30 Original Sample (OS) • Duplicate (DUP)

(OS) L1702034-30 02/07/24 13:22 • (DUP) R4032660-3 02/07/24 13:37

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	16.0	16.0	1	0.0882		15

L1702798-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1702798-02 02/07/24 17:51 • (DUP) R4032660-6 02/07/24 18:07

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	86.0	85.9	1	0.105		15

Laboratory Control Sample (LCS)

(LCS) R4032660-2 02/07/24 09:20

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

L1702034-30 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1702034-30 02/07/24 13:22 • (MS) R4032660-4 02/07/24 13:53 • (MSD) R4032660-5 02/07/24 14:09

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	16.0	52.4	52.4	91.0	91.0	1	80.0-120			0.0542	15

L1702798-02 Original Sample (OS) • Matrix Spike (MS)

(OS) L1702798-02 02/07/24 17:51 • (MS) R4032660-7 02/07/24 18:55

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40.0	86.0	107	52.5	1	80.0-120	J6

L1702798-02 Original Sample (OS) • Matrix Spike (MS)

(OS) L1702798-02 02/07/24 17:51 • (MS) R4032660-7 02/07/24 18:55

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier

Sample Narrative:

MS: Cl spike failed due to sample matrix

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
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
P1	RPD value not applicable for sample concentrations less than 5 times the reporting limit.
V	The sample concentration is too high to evaluate accurate spike recoveries.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

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

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

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

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

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

88 Joyce Lane
Russellville, AR 72801

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

Pres Chk

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

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	2.2.24	1330	2	X	X										01
LCS-2		GW			1300	2	X	X										02
LCS-3		GW			1230	2	X	X										03
LCS-4		GW			1200	2	X	X										04
LCS-5		GW			1130	2	X	X										05
LCS-6		GW			1100	2	X	X										06
LCS-7		GW			1030	2	X	X										07
LCS-8		GW			1000	2	X	X										08
LCS-9		GW			0930	2	X	X										09
LCS-10		GW			0900	2	X	X										10

Analysis / Container / Preservative

Chain of Custody Page 1 of 5

Pace
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SDG # L170 2034

Tab C148

Acctnum: **WMECOVISAR**
Template: **T161046**
Prelogin: **P1050214**
PM: **616 - Stacy Kennedy**
PB: LA 1/26/24
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 #

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	
	2.2.24	1700			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: 82	If preservation required by Login: Date/Time
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) Alexa Mitchell	Date: 2/3/24 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

Analysis / Container / Preservative

Chain of Custody Page 2 of 5

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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**

SDG # L1702034

Collected by (print): Chris Finder

Site/Facility ID # **AR03**

P.O. #

Table #

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 #

Acctnum: **WMECOVISAR**
Template: **T161046**
Prelogin: **P1050214**
PM: **616 - Stacy Kennedy**
PB: LM 1/26/24
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-11	Grab	GW	N/A	2.2.24	0830	2	X	X								11
LCS-12		GW			0800	2	X	X								12
LDS-1		GW			1345	2	X	X								13
LDS-2		GW			1315	2	X	X								14
LDS-3		GW			1245	2	X	X								15
LDS-4		GW			1215	2	X	X								16
LDS-5		GW			1145	2	X	X								17
LDS-6		GW			1115	2	X	X								18
LDS-7		GW			1045	2	X	X								19
LDS-8		GW			1015	2	X	X								20

* 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 #

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	
	2.2.24	1700			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: 82	If preservation required by Login: Date/Time
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) alexa mitchell	Date: 2/3/24 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

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):

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 #

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page 3 of 5

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SDG # L1702034

Table #

Acctnum: **WMECOVISAR**
Template: **T161046**
Prelogin: **P1050214**
PM: **616 - Stacy Kennedy**
PB: LM 1/26/24

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)
LDS-9	Grab	GW	N/A	2.2.24	0945	2	X	X									21
LDS-10		GW			0915	2	X	X									22
LDS-11		GW			0845	2	X	X									23
LDS-12		GW			0815	2	X	X									24
LGW-2		GW	75.50	2.1.24	1415	2	X	X									25
LGW-3R		GW	56.85		1340	2	X	X									26
LGW-4		GW	60.60		1310	2	X	X									27
LGW-5		GW	72.05		1220	2	X	X									28
LGW-6		GW	51.35		1105	2	X	X									29
LGW-7		GW	44.05		0945	2	X	X									30

* 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 #

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	
	2.2.24	1700			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: 82	If preservation required by Login: Date/Time
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) Alexa Mitchell	Date: 2/3/24 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 Fricker

Site/Facility ID #
AR03

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y X

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

Quote #

Date Results Needed

Analysis / Container / Preservative

Chain of Custody Page 4 of 5

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SDG # L1702034

Table #

Acctnum: **WMECOVISAR**
Template: **T161046**
Prelogin: **P1050214**
PM: **616 - Stacy Kennedy**
PB: LM 1/26/24

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	10.50	2.1.24	1020	2	X	X									31
LGW-9		GW	53.00		1540	2	X	X									32
LGW-10		GW	60.62		1615	2	X	X									33
LGW-14R		GW	58.65		1145	2	X	X									34
MW-7N		GW	87.45		0905	2	X	X									35
MW-15		GW	58.86		1500	2	X	X									36
MW-16		GW	76.20		1700	2	X	X									37
MW-17		GW	60.60		1835	2	X	X									38
MW-19		GW	68.20		1740	2	X	X									39
FB		GW	N/A		0845	2	X	X									40

* 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 #

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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
	2.2.24	1700			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: 82	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) Alexa Mitchell	Date: 2/3/24 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 Fincher

Site/Facility ID # **AR03**

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y X

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

Quote #

Date Results Needed

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	CHLORIDE 125mlHDPE-NoPres	NH3 250mlHDPE-H2SO4									Remarks	Sample # (lab only)
LGW-6-DUP	Grab	GW	77.77	2.1.24	0700	2	X	X										41
		GW				2	X	X										
		GW				2	X	X										
		GW				2	X	X										
		GW				2	X	X										

Chain of Custody Page 5 of 5

Pace
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MT JULIET, TN

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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 # L1702034

Table #

Acctnum: **WMECOVISAR**
Template: **T161046**
Prelogin: **P1050214**
PM: **616 - Stacy Kennedy**
PB: LM 1/26/24

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 #

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	
	2.2.24	1700			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: 82	If preservation required by Login: Date/Time
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) alexa mitchell	Date: 2/3/24 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)
02/07/2024	1330	7.60	20415	25.9	534.82	3.72	-178.6

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
2/7/24	C. Finder	[signature]	PBMS
/ /			

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.:

Site Name: EVLF

Sample I.D.: LCS-2

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D — D - Direct, I - Indirect, V - Visual

Sampling Equipment: S — D - Dipper, T - Transfer Vessel, S - Sample Bottle, O - Other

Sample Type: G — Grab / Composite (circle one)

Field Measurements

Sample Date MM/DD/YYYY	Sample Time 24 Hr. Clock	pH (std. Units)	CONDUCTIVITY (umhos/cm @ 25°C)	Temp °C	TURBIDITY (NTUs)	DO mg/L - ppm	eH/ORP (std. Units)
02/02/2024	1300	7.26	14425	18.5	23.68	3.82	-161.8

Record final stabilized field readings.

Field Observations

Sample Appearance: Odor: yes Color: yellow Other:

Sheen Present [Y] or [N] Foam Present: [Y] or [N] Floating Solids: [Y] or [N]

Weather Conditions: (required daily, or as conditions change): Sunny 60's

Direction/Speed: SW @ 10 mph Precipitation: [Y] or [N]

Specific Comments:

Date	Name	Signature	Company
2/2/24	C. Fowler		R Bowers

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: 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)
07/02/2024	1230	7.41	15574	23.0	1115.37	4.51	-135.1

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
7/2/24	C. Finch		Pace
/ /			

7.2

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: _____ 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)
02/02/2024	1200	7.37	18250	27.5	72.36	233	-153.7

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
2/7/24	C. Fowler		Prairie
/ /			

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)
02/02/2024	1130	7.72	31113	25.5	293.58	1.52	-234.7

Record final stabilized field readings.

Field Observations

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

Sheen Present [Y] or [X] Foam Present: [X] or [N] Floating Solids: [Y] or [X]

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

Direction/Speed: _____ Precipitation: [Y] or [N]

Specific Comments: _____

Date	Name	Signature	Company
2/2/24	C. Fowler		Brown
/ /			

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: [O] D - Direct I - Indirect V - Visual

Sampling Equipment: [S] D - Dipper T - Transfer Vessel S - Sample Bottle O - Other [ ]

Sample Type: [ ] (G)rab / 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)
02/02/2024	1100	7.29	14901	21.5	4845.66	4.67	-86.2

Record final stabilized field readings.

Field Observations

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

Sheen Present [Y] or [N] Foam Present: [Y] or [N] Floating Solids: [Y] or [N]

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

Direction/Speed: _____ Precipitation: [Y] or [N]

Specific Comments: _____

Date	Name	Signature	Company
2/2/24	C. Fincher	[signature]	Brown
/ /			

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: D — 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)
02/02/2024	1030	7.29	14742	27.0	60-73	2.92	-106.2

Record final stabilized field readings.

Field Observations

Sample Appearance: Odor: Yes Color: Brown 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
2/2/24	C. Fincher	[signature]	Prony
/ /			

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.: _____

Site Name: EVLF

Sample I.D. LCS-8

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D — D - Direct, I - Indirect, V - Visual

Sampling Equipment: S — D - Dipper, T - Transfer Vessel, S - Sample Bottle, O - Other

Sample Type: 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)
02/02/2024	1000	7.23	12281	28.6	42.02	3.06	-111.7

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
2/2/24	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-9

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D — D - Direct, I - Indirect, V - Visual

Sampling Equipment: S — D - Dipper, T - Transfer Vessel, S - Sample Bottle, O - Other

Sample Type: ___ Grab / Composite (circle one)

Field Measurements

Sample Date MM/DD/YYYY	Sample Time 24 Hr. Clock	pH (std. Units)	CONDUCTIVITY (umhos/cm @ 25"C)	Temp 'C	TURBIDITY (NTUs)	DO mg/L - ppm	eH/ORP (std. Units)
02/02/2024	0930	7.44	18271	3/-8	1012.67	1-33	-49-7

Record final stabilized field readings.

Field Observations

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

Sheen Present [Y] or [X] Foam Present: [X] or [N] Floating Solids: [X] or [N]

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

Direction/Speed: _____ Precipitation: [Y] or [N]

Specific Comments: _____

Date	Name	Signature	Company
2/2/24	C. Fincher		
/ /			

FIELD INFORMATION FORM

WASTE MANAGEMENT

Surface Water, Stormwater and Leachate

Laboratory Use Only / Lab I.D.:

Site Name: EVLF

Sample I.D. LCS-10

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D — D - Direct, I - Indirect, V - Visual

Sampling Equipment: S — D - Dipper, T - Transfer Vessel, S - Sample Bottle, O - Other

Sample Type: Grab / Composite (circle one) — 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)
02/07/2024	0900	7.57	21458	29.0	114.74	2.13	-175.0

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:

Date	Name	Signature	Company
2/2/24	C. Fricke	[signature]	Prazy

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.: _____

Site Name: EVLF

Sample I.D.: LCS-11

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D — D - Direct, I - Indirect, V - Visual

Sampling Equipment: 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)
02/02/2024	0830	8.17	29036	26.4	5,082.16	5.01	-94.6

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
2/2/24	C. Fincher		Bonus
/ /			

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)
02/02/2024	0800	7.65	23619	29.9	559.74	4.21	-137.2

Record final stabilized field readings.

Field Observations

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

Sheen Present [Y] or [N] Foam Present: [Y] or [N] Floating Solids: [Y] or [N]

Weather Conditions: (required daily, or as conditions change): Sunny / cool 60's

Direction/Speed: calm Precipitation: [Y] or [N]

Specific Comments: _____

Date	Name	Signature	Company
2/2/24	C. Fowler		Pace
/ /			

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)
02/02/2024	1345	6.69	3929	27.6	37.77	2.47	-131.3

Record final stabilized field readings.

Field Observations

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

Sheen Present [Y] or [N] Foam Present: [Y] or [N] Floating Solids: [Y] or [N]

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

Direction/Speed: _____ Precipitation: [Y] or [N]

Specific Comments: _____

Date	Name	Signature	Company
2/2/24	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-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)
02/07/2024	1315	6.78	2543	16.2	81.24	5.68	-112.1

Record final stabilized field readings.

Field Observations

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

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

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

Direction/Speed: _____ Precipitation: Y or N

Specific Comments: _____

Date	Name	Signature	Company
2/7/24	C. Fowler		Praxair
/ /			

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.: _____

Site Name: EVLF

Sample I.D.: LDS-3

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: N — 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)
02/02/2024	1245	7.51	19462	23.6	2709.45	3.93	-137.1

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
2/2/24	C. Fincher		Brown
/ /			

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WM WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.: ____

Site Name: EVLF

Sample I.D. LDS-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: ____ 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)
02/02/2024	1215	7.36	19217	27.6	45.16	1.42	-188.5

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 (N marked) Floating Solids: Y or N (N marked)

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

Direction/Speed: ____ Precipitation: Y or N

Specific Comments: ____

Date	Name	Signature	Company
2/2/24	L. Fincher	[signature]	[signature]

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.: _____

Site Name: EVLF

Sample I.D.: LDS-5

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: [D] D - Direct, I - Indirect, V - Visual

Sampling Equipment: [S] D - Dipper, T - Transfer Vessel, S - Sample Bottle, O - Other [ ]

Sample Type: [ ] Grab / Composite (circle one)

Field Measurements

Sample Date MM/DD/YYYY	Sample Time 24 Hr. Clock	pH (std. Units)	CONDUCTIVITY (umhos/cm @ 25°C)	Temp °C	TURBIDITY (NTUs)	DO mg/L - ppm	eH/ORP (std. Units)
02/07/2024	1145	7.44	13004	23.2	26.48	2.14	-141.7

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
2/7/24	G. Fowler		
/ /			

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 / 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)
02/02/2024	1115	7.73	11376	17.1	54.73	4.60	-72.0

Record final stabilized field readings.

Field Observations

Sample Appearance: Odor: Yes Color: Yellow Other:

Sheen Present [Y] or [N] Foam Present: [Y] or [N] Floating Solids: [Y] or [N]

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

Direction/Speed: Precipitation: [Y] or [N]

Specific Comments:

Date	Name	Signature	Company
2/2/24	C. Fincher		Brown
/ /			

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.: _____

Site Name: EVLF

Sample I.D.: LDS-7

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: [O] D - Direct, I - Indirect, V - Visual

Sampling Equipment: [S] D - Dipper, T - Transfer Vessel, S - Sample Bottle, O - Other [ ]

Sample Type: [ ] Grab / Composite (circle one)

Field Measurements

Sample Date MM/DD/YYYY	Sample Time 24 Hr. Clock	pH (std. Units)	CONDUCTIVITY (umhos/cm @ 25°C)	Temp °C	TURBIDITY (NTUs)	DO mg/L - ppm	eH/ORP (std. Units)
02/02/2024	1045	7.20	6907	22.4	66.90	3.24	-141.7

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
2/2/24	C. Fowler	[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-8

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D — D - Direct, I - Indirect, V - Visual

Sampling Equipment: S — D - Dipper, T - Transfer Vessel, S - Sample Bottle, O - Other: _____

Sample Type: G — Grab / Composite (circle one)

Field Measurements

Sample Date MM/DD/YYYY	Sample Time 24 Hr. Clock	pH (std. Units)	CONDUCTIVITY (umhos/cm @ 25"C)	Temp 'C	TURBIDITY (NTUs)	DO mg/L - ppm	eH/ORP (std. Units)
02/02/2024	1015	7.19	12093	27.4	18.93	2.53	-112.9

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 (N) 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
2/2/24	C. Fincher		Pamy
/ /			

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WM WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.: ____________

Site Name: EVLF

Sample I.D. LDS-9

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D — D - Direct / I - Indirect / V - Visual

Sampling Equipment: S — D - Dipper / T - Transfer Vessel / S - Sample Bottle / O - Other ____________

Sample Type: ____ Grab / Composite (circle one)

Field Measurements

Sample Date MM/DD/YYYY	Sample Time 24 Hr. Clock	pH (std. Units)	CONDUCTIVITY (umhos/cm @ 25"C)	Temp 'C	TURBIDITY (NTUs)	DO mg/L - ppm	eH/ORP (std. Units)
07/02/2024	0945	6.24	2153	24.8	26.45	2.09	-97.1

Record final stabilized field readings.

Field Observations

Sample Appearance: Odor: yes Color: Clear 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):

Direction/Speed: ____________ Precipitation: [Y] or [N]

Specific Comments: ____________

Date	Name	Signature	Company
7.2.24	C. Fincher	[signature]	Prong
/ /			

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.: _____

Site Name: EVLF

Sample I.D. LOS-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)
02/02/2024	0915	6.86	5716	20.5	58.32	2.10	-154.6

Record final stabilized field readings.

Field Observations

Sample Appearance: Odor: yes Color: yellow Other: _____

Sheen Present [Y] or [N] Foam Present: [Y] or [N] Floating Solids: [Y] or [N]

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

Direction/Speed: _____ Precipitation: [Y] or [N]

Specific Comments: _____

Date	Name	Signature	Company
2/2/24	C. Fincher		Brown
/ /			

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.: ____________

Site Name: EVLF

Sample I.D. 2DS-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)
02/02/2024	0845	7.80	3162	24.4	408.39	3.22	-160.4

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: ____________

Date	Name	Signature	Company
2 / 2 / 24	Chris Fischer	[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-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)
02/02/2024	0815	7.32	15737	27.5	5,055.81	2.57	-146.7

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
2/2/24	C. Fischer		Brown
/ /			

FIELD INFORMATION FORM

WM 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:

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
02 01 24	1350				

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

PURGE/SAMPLE EQUIPMENT

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

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

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

Sampling Device: C

X-Other:

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

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

WELL DATA

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

Depth to Water (DTW) (from TOC): 75.44 (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	13:55	200	5.86	170	16.2	17.9	5.5	130.2	75.46
2nd	14:00	200	6.59	570	16.5	15.3	6.5	117.0	75.48
3rd	14:05	225	6.72	605	17.1	22.3	6.5	111.8	75.5
4th	14:10	225	6.78	614	17.4	14.1	6.4	109.3	75.5
	14:15	225	6.80	619	17.4	6.9	6.2	108.1	75.5
	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 ____
02 01 24	6.80	619	17.4	6.9	6.2	108.1	

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
2/1/24	C. Fre[illegible]	[signature]	Pro[illegible]
/ /			

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

ORIGINAL COPY

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: EVLF

Site No.: ____ Sample Point: LGW-3R (Sample ID)

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

Laboratory Use Only/Lab ID: ____

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
02/01/24	13:20	:			

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

PURGE/SAMPLE EQUIPMENT

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

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

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

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

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

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

WELL DATA

Well Elevation (at TOC) (ft/msl)	Depth to Water (DTW) (from TOC) (ft)	Groundwater Elevation (site datum, from TOC) (ft/msl)
	56.48	

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)
13:25	200 1st	6.45 1st	302 1st	16.2	226	4.3	652	56.72
13:30	200 2nd	5.89 2nd	147 2nd	16.2	394	5.3	995	56.78
13:35	200 3rd	5.82 3rd	132 3rd	16.1	217	5.3	1087	56.80
13:40	200 4th	5.79 4th	127 4th	16.0	101	5.3	1147	56.85
:								
:								
:								
:								
:								
:								
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
02/01/24	5.79	127	16.0	10.1	5.3	1147	

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
2/1/24	C. Fincher		Promus

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

ORIGINAL COPY

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: EVLF

Site No.: ____ Sample Point: LGW-4 (Sample ID)

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

Laboratory Use Only/Lab ID: ____

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
02 01 24	1240	:			

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) (ft)	Groundwater Elevation (site datum, from TOC) (ft/msl)
	60.41	

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

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

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
12:45	200 1st	6.92 1st	766	15.7	1.81	6.7	253	60.6
12:50	200 2nd	6.71 2nd	765	15.9	1.16	4.6	394	60.6
12:55	200 3rd	6.67 3rd	760	16.0	0.9	3.3	462	60.6
13:00	200 4th	6.67 4th	757	16.0	1.47	2.2	529	60.6
13:05	200	6.67	755	16.0	1.36	1.9	565	60.6
13:10	200	6.66	755	16.0	1.11	1.8	581	60.6
:								
:								
:								
:								
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 ____
02 01 24	6.66	755	16.0	1.11	1.8	581	

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
2/1/24	C. Fincher		PRS

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

ORIGINAL COPY

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: EVLF

Site No.:

Sample Point: LGW-5 (Sample ID)

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

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
02/01/24	1200				

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

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

X-Other:

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

WELL DATA

Well Elevation (at TOC) (ft/msl)	Depth to Water (DTW) (from TOC) (ft)	Groundwater Elevation (site datum, from TOC) (ft/msl)
	7.20	

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)
12:05	200 1st	6.75 1st	6.49 1st	16.8 1st	14.8 1st	4.7 1st	67.5 1st	72.05 1st
12:10	200 2nd	6.59 2nd	6.91 2nd	17.3 2nd	11.7 2nd	4.4 2nd	72.5 2nd	72.05 2nd
12:15	200 3rd	6.57 3rd	7.04 3rd	17.5 3rd	10.9 3rd	4.2 3rd	66.5 3rd	72.05 3rd
12:20	200 4th	6.57 4th	7.08 4th	17.5 4th	9.9 4th	4.0 4th	56.6 4th	72.05 4th
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
02/01/24	6.57	7.08	17.5	9.9	4.0	56.6	

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

FIELD COMMENTS

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

Weather Conditions (required daily, or as conditions change): Direction/Speed: Outlook: Precipitation: Y or 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
2/1/24	C. Fincher		Ramey
/ /			

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-6 (Sample ID)

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

Laboratory Use Only/Lab ID: ____

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
020124	1935	:			

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]

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

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

X-Other: ____

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

WELL DATA

Well Elevation (at TOC) (ft/msl)	Depth to Water (DTW) (from TOC) (ft)	Groundwater Elevation (site datum, from TOC) (ft/msl)
	51.35	

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)
1040	250 1st	6.67 1st	724	16.6	90	0.7	107.4	51.35
1045	250 2nd	6.74 2nd	625	15.9	21.6	6.0	72.4	51.35
1050	250 3rd	6.40 3rd	676	16.4	10.8	2.6	6.8	51.35
1055	250 4th	6.39 4th	684	16.4	10.0	1.7	-0.2	51.35
1100	250	6.39	691	16.4	9.8	1.5	-4.5	51.35
1105	250	6.39	694	16.4	8.8	1.4	-7.1	51.35
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 ____
020124	6.39	694	16.4	8.8	1.4	-7.1	

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

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
2/1/24	C. Fraker		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-7 (Sample ID)

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

Laboratory Use Only/Lab ID: ____

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
02/01/24	09:15				

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

PURGE/SAMPLE EQUIPMENT

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

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

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

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

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

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

WELL DATA

Well Elevation (at TOC): ____ (ft/msl)
Depth to Water (DTW) (from TOC): 43.05 (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)
09:20	200	1st	6.94	1st	512	1st	16.7	103	5.4	119.5	43.65
09:25	275	2nd	7.02	2nd	485	2nd	16.7	11.1	4.1	118.0	43.78
09:30	225	3rd	6.97	3rd	518	3rd	16.7	9.5	3.7	120.9	43.95
09:35	225	4th	6.88	4th	552	4th	16.7	10.1	2.5	124.9	43.95
09:40	225		6.85		565		16.8	9.8	2.3	128.5	44.05
09:45	225		6.82		572		16.7	9.7	2.2	130.4	44.05
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 ____
02/01/24	6.82	572	16.7	9.7	2.2	130.4	

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

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
2/1/24	C. Fincher		Promag

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-8R (Sample ID)

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

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
02 01 24	09:55				

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: [X] Y or N

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

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

Sampling Device: C

X-Other:

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

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

WELL DATA

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

Depth to Water (DTW) (from TOC): 10.40 (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)
10:00	250	1st 6.76	1st 684	13.1	9.9	3.1	113.4	10.49
10:05	250	2nd 6.65	2nd 718	15.1	9.4	1.8	128.8	10.5
10:10	250	3rd 6.65	3rd 720	15.2	9.2	1.1	129.9	10.5
10:15	250	4th 6.65	4th 721	15.2	9.3	0.8	130.6	10.5
10:20	250	6.65	722	15.2	9.1	0.7	130.9	10.5
~~10:25~~	~~250~~							
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 ____
02 01 24							

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
2/1/24	C. Finder	[signature]	Prony
/ /			

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

ORIGINAL COPY

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: EVLF

Site No.: ____ Sample Point: LGW-9 (Sample ID)

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

Laboratory Use Only/Lab ID: ____

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
02 01 24	1515	:			

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

PURGE/SAMPLE EQUIPMENT

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

Purging Device: C — Sampling Device: C

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

X-Other: ____

Filter Device: [Y] or [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): 52.00 (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)
1520	275 1st	6.50 1st	745	16.4	10.5	3.6	111.4	52.88
1525	275 2nd	6.48 2nd	756	16.4	9.6	1.8	113.1	53.05
1530	275 3rd	6.47 3rd	759	16.6	9.8	1.2	113.6	53.10
1535	275 4th	6.47 4th	759	16.6	9.6	0.9	113.8	53.10
1540	225	6.47	759	16.5	9.4	0.8	113.9	53.10
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 ____
02 01 24	6.47	759	16.5	9.4	0.8	113.9	

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

FIELD COMMENTS

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

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

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

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

Date	Name	Signature	Company
2/1/24	C. Fincher		Parsons

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-10 (Sample ID)

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

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
02 01 24	1550				

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

PURGE/SAMPLE EQUIPMENT

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

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

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

Sampling Device: C

X-Other:

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

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

WELL DATA

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

Depth to Water (DTW) (from TOC): 59.10 (ft)

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

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

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

Casing ID: 2 (in)

Casing Material: Pvc

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

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
15:55	200	1st 6.60	1st 854	16.4	15.9	0.9	11.9	60.05
16:00	250	2nd 6.50	2nd 904	16.7	19.8	1.5	-26.3	60.33
16:05	250	3rd 6.44	3rd 928	16.6	13.7	1.0	-36.7	60.40
16:10	250	4th 6.44	4th 931	16.5	11.2	0.8	-43.2	60.55
16:15	250	6.44	932	16.6	10.2	0.6	-46.5	60.62
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 ___
02 01 24	6.44	932	16.6	10.2	0.6	-46.5	

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

FIELD COMMENTS

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

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

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

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
2/1/24	C. Fincher	[signature]	Parsons
/ /			

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

ORIGINAL COPY

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: EVLF

Site No.: ____ Sample Point: LGW414R (Sample ID)

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

Laboratory Use Only/Lab ID: ____

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
02/01/24	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): 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)
11:20	200 1st	7.01 1st	522	15.2	10.3	5.1	-15.6	57.85
11:25	225 2nd	7.13 2nd	519	15.8	9.4	6.7	1.4	58.14
11:30	225 3rd	6.97 3rd	551	15.9	8.9	5.1	2.02	58.35
11:35	225 4th	6.91 4th	574	15.8	8.8	4.7	3.74	58.50
11:40	225	6.90	575	16.1	9.2	4.5	4.49	58.58
11:45	225	6.90	577	16.2	8.9	4.3	5.01	58.65
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 ____
02/01/24	6.90	577	16.2	8.9	4.3	5.01	

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
2/1/24	C. Fowler	[signature]	Parsons

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

ORIGINAL COPY

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: EVLF

Site No.:

Sample Point: MW-7N (Sample ID)

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

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
02/01/24	0830				

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

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment … Dedicated: X or N

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

Purging Device: C

Sampling Device: C

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

X-Other:

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) (ft/msl)	Depth to Water (DTW) (from TOC) (ft)	Groundwater Elevation (site datum, from TOC) (ft/msl)
	87.18	

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

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

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
0835	275 1st	6.53 1st	432	1.29	1392	1.04	1799	87.48
0840	275 2nd	7.08 2nd	552	1.46	1.25	9.4	1545	87.45
0845	275 3rd	6.91 3rd	557	1.49	1.15	7.6	1555	87.45
0850	275 4th	6.82 4th	557	1.50	1.10	5.9	1566	87.45
0855	275	6.83	557	1.51	1.42	4.9	1536	87.45
0900	275	6.81	556	1.51	1.16	4.7	1528	87.45
0905	275	6.81	556	1.51	1.07	4.5	1520	87.45
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

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

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
02/01/24	6.81	556	1.51	1.07	4.5	1520	

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

FIELD COMMENTS

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

Weather Conditions (required daily, or as conditions change): cloudy Direction/Speed: SW @ 10-15 mph Outlook: Mostly Sunny, 60s Precipitation: Y or X

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

FB @ 0845

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
2/1/24	C. Fincher		

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-15 (Sample ID)

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

Laboratory Use Only/Lab ID: ____

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
02/01/24	14:30	:			

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

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment … Dedicated: ~~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 ~~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): 58.86 (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)
14:35	200 1st	6.74 1st	607 1st	15.8	12.3	6.9	93.4	58.86
14:40	200 2nd	6.67 2nd	610 2nd	15.8	9.7	6.0	97.9	58.86
14:45	~~250~~ 3rd	6.63 3rd	612 3rd	15.8	9.1	5.1	100.0	58.86
14:50	250 4th	6.62 4th	614 4th	15.8	9.6	5.0	101.5	58.86
14:55	~~250~~	6.62	614	15.7	8.9	4.9	101.8	58.86
15:00	250	6.61	616	15.7	9.1	4.7	102.6	58.86
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 ____
02/01/24	6.61	616	15.7	9.1	4.7	102.6	

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

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

Weather Conditions (required daily, or as conditions change): Direction/Speed: ____ Outlook: ____ 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
2/1/24	C. Kreider	[signature]	Prony

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

ORIGINAL COPY

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: EVLF

Site No.:

Sample Point: MW-16 (Sample ID)

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

Laboratory Use Only/Lab ID:

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
02 01 24	16:30	:			

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

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment … Dedicated: Y or N

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)
	74.75	

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

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

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
16:35	200 1st	6.72 1st	704	16.0	123	3.0	-46.3	75.30
16:40	200 2nd	6.94 2nd	512	16.1	124	6.0	-39.9	75.60
16:45	200 3rd	7.07 3rd	407	16.0	119	6.5	-33.3	75.80
16:50	200 4th	7.17 4th	379	16.0	145	6.5	-27.5	76.0
16:55	200	7.21	361	16.0	107	6.6	-22.0	76.10
17:00	200	7.26	352	16.0	103	6.6	-18.6	76.20
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

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

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
02 01 24	7.26	352	16.0	10.3	6.6	-18.6	

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

FIELD COMMENTS

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

Weather Conditions (required daily, or as conditions change): Direction/Speed: — Outlook: — Precipitation: Y or 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
2/1/24	C-Fincher		

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: ____

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
02 01 24	17:50	:			

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

PURGE/SAMPLE EQUIPMENT

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

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 [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): 60.58 (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)
17:55	250 1st	7.08 1st	410	15.9	3961	4.0	541	60.6
18:00	250 2nd	7.23 2nd	395	16.4	6543	4.2	524	60.6
18:05	~~225~~ 3rd	7.20 3rd	386	16.8	3853	4.5	555	60.6
18:10	~~225~~ 4th	7.03 4th	353	17.1	5856	4.8	617	60.6
18:15	225	6.95	340	17.0	6121	4.9	670	60.6
18:20	~~225~~	6.77	313	17.1	2353.4	5.3	724	60.6
18:25	225	6.75	299	17.0	1734	5.7	687	60.6
18:30	~~225~~	6.73	286	17.1	427	5.9	594	60.6
18:35	~~225~~	6.73	296	17.0	296	6.0	545	60.6
:								
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 ____
02 01 24	6.73	296	17.0	29.6	6.0	545	

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
2/1/24	C. Fincher	[signature]	Barry

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

ORIGINAL COPY

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: EVLF

Site No.: ____ Sample Point: MW-19 (Sample ID)

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

Laboratory Use Only/Lab ID: ____

PURGE INFO

PURGE DATE (MM DD YY)	PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL IN CASING (Gallons)	ACTUAL VOL PURGED (Gallons)	WELL VOLs PURGED
02/01/24	17:15	:			

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)	Depth to Water (DTW) (from TOC)	Groundwater Elevation (site datum, from TOC)
(ft/msl)	67.67 (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)
17:20	200 1st	6.70 1st	570	16.0	108	5.5	299	68.10
17:25	200 2nd	6.72 2nd	623	17.6	104	4.3	458	68.15
17:30	200 3rd	6.72 3rd	649	17.8	104	3.3	524	68.20
17:35	200 4th	6.72 4th	651	17.8	98	3.1	543	68.2
17:40	200	6.71	650	17.8	95	2.9	571	68.2
:								
:								
:								
:								
:								
:								
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

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

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
02/01/24	6.71	650	17.8	95	2.9	571	

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
2/1/24	C. Fincher		Prony

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

ORIGINAL COPY

Tracking Numbers		Temperature
7210 2114 5092		0 1 +0 = 0 1
7210 2114 5107		0 1 +0 = 0 1

alexa mitchell

Name

2/3/24

Date