Haley Griffith (adpce.ad)

From: Travis Doll <travis.doll@jettenviro.com>
Sent: Monday, April 29, 2024 9:14 AM
To: gwreports
Cc: Reynolds, Jodi; Steve Jett P.G.; Ciara Childers Beavers
Subject: March 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 March 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/1hOMaDMD4v2OlVbDu7AXDlx7k8cH5yyfo/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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April 29, 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: March 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 March 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 March 2024 sampling event was completed on March 5-6, 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 March 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 March 2024 chloride concentration was compared to 10 times the baseline value (see **Attachment A**). No March 2024 chloride concentrations exceeded the 10 times baseline values.

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

For monitoring wells with statistically significant increasing trends, the March 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 March 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 March 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 March 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 March 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 March 2024 monitoring period. In addition, there were no flow rate exceedances to report for March 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
March 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	3/6/2024	78	11.7	<0.1	618	6.85	1302.14	73.63	1228.51
LGW-3R	3/6/2024	124	5.20	<0.1	78	5.50	1289.20	56.88	1232.32
LGW-4	3/6/2024	149	23.1	<0.1	771	6.67	1267.79	60.73	1207.06
LGW-5	3/6/2024	124	19.4	<0.1	723	6.59	1271.91	72.00	1199.91
LGW-6	3/6/2024	133	18.6	<0.1	723	6.41	1244.79	51.08	1193.71
LGW-7	3/6/2024	113	15.4	<0.1	549	6.90	1220.60	43.10	1177.50
LGW-8R	3/6/2024	122	21.7	<0.1	756	6.67	1186.24	10.74	1175.50
LGW-9	3/6/2024	169	35.6	<0.1	787	6.48	1237.47	53.64	1183.83
LGW-10	3/6/2024	151	25.8	<0.1	967	6.45	1240.61	59.53	1181.08
LGW-14R	3/6/2024	39	6.56	<0.1	595	6.88	1250.93	56.65	1194.28
MW-7N	3/6/2024	93	29.9	<0.1	568	6.80	1250.84	86.84	1164.00
MW-15	3/6/2024	278	42.1	<0.1	631	6.62	1291.46	58.90	1232.56
MW-16	3/6/2024	108	4.20	<0.1	350	7.34	1289.70	75.43	1214.27
MW-17	3/6/2024	205	5.95	<0.1	325	6.95	1288.93	60.56	1228.37
MW-19	3/6/2024	92	6.76	<0.1	676	6.68	1293.90	68.00	1225.90
LCS-1	3/5/2024	NA	1870	2370	24114	7.73	NA	NA	NA
LCS-2	3/5/2024	NA	1130 V	783	10878	7.18	NA	NA	NA
LCS-3	3/5/2024	NA	1390	1110	11929	7.50	NA	NA	NA
LCS-4	3/5/2024	NA	1400	1250	15978	7.33	NA	NA	NA
LCS-5	3/5/2024	NA	2370	2670	28431	7.77	NA	NA	NA
LCS-6	3/5/2024	NA	1310	1090	14502	7.31	NA	NA	NA
LCS-7	3/5/2024	NA	1620	1140	16054	7.39	NA	NA	NA
LCS-8	3/5/2024	NA	949	759	10223	7.31	NA	NA	NA
LCS-9	3/5/2024	NA	1630	1240	16112	7.46	NA	NA	NA
LCS-10	3/5/2024	NA	1920	1700	20615	7.65	NA	NA	NA
LCS-11	3/5/2024	NA	2110	2610	12281	7.89	NA	NA	NA
LCS-12	3/5/2024	NA	2090	1930	22050	7.62	NA	NA	NA
LDS-1	3/5/2024	NA	177 V	15.5	430	6.67	NA	NA	NA
LDS-2	3/5/2024	NA	223	4.95	2150	6.73	NA	NA	NA
LDS-3	3/5/2024	NA	1710	178	13941	7.61	NA	NA	NA
LDS-4	3/5/2024	NA	1410	930	15659	7.46	NA	NA	NA
LDS-5	3/5/2024	NA	871	362	11114	7.45	NA	NA	NA
LDS-6	3/5/2024	NA	1190	175	11171	7.81	NA	NA	NA
LDS-7	3/5/2024	NA	320	118	11057	7.21	NA	NA	NA
LDS-8	3/5/2024	NA	963	742	10652	7.22	NA	NA	NA
LDS-9	3/5/2024	NA	223	24.3	2472	6.34	NA	NA	NA
LDS-10	3/5/2024	NA	639	382	6777	7.04	NA	NA	NA
LDS-11	3/5/2024	NA	2720	1940	26573	7.88	NA	NA	NA
LDS-12	3/5/2024	NA	1560	976	18284	7.40	NA	NA	NA
Field Blank	3/6/2024	NA	<3	<0.1	NA	NA	NA	NA	NA
Lab Method Blanks	---	NA	0.395	<0.1	NA	NA	NA	NA	NA

Notes:
Depth to water collected by Promus Engineering on March 6, 2024.
NA: Not Applicable
Chloride Intra-Well Limit is the baseline mean concentration multiplied by 10. See Report Attachment D for calculations.
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
3/5/2024 - 3/6/2024	<.100	25.8	6.45	967.0

* - 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
3/5/2024 - 3/6/2024	<.100	6.56	6.88	595.0

* - 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
3/5/2024 - 3/6/2024	<.100	11.70	6.85	618.0

* - 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
3/5/2024 - 3/6/2024	<.100	5.20	5.50	78.0

* - 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
3/5/2024 - 3/6/2024	<.100	23.10	6.67	771.0

* - 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
3/5/2024 - 3/6/2024	<.100	19.4	6.59	723.0

* - 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
3/5/2024 - 3/6/2024	<.100	18.6	6.41	723.0

* - 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
3/5/2024 - 3/6/2024	<.100	15.4	6.90	549.0

* - 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
3/5/2024 - 3/6/2024	<.100	21.7	6.67	756.0

* - 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
3/5/2024 - 3/6/2024	<.100	35.6	6.48	787.0

* - 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
3/5/2024 - 3/6/2024	<.100	42.1	6.62	631.0

* - 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
3/5/2024 - 3/6/2024	<.100	4.20	7.34	350.0

* - 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
3/5/2024 - 3/6/2024	<.100	5.95	6.95	325.0

* - 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
3/5/2024 - 3/6/2024	<.100	6.76	6.68	676.0

* - 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

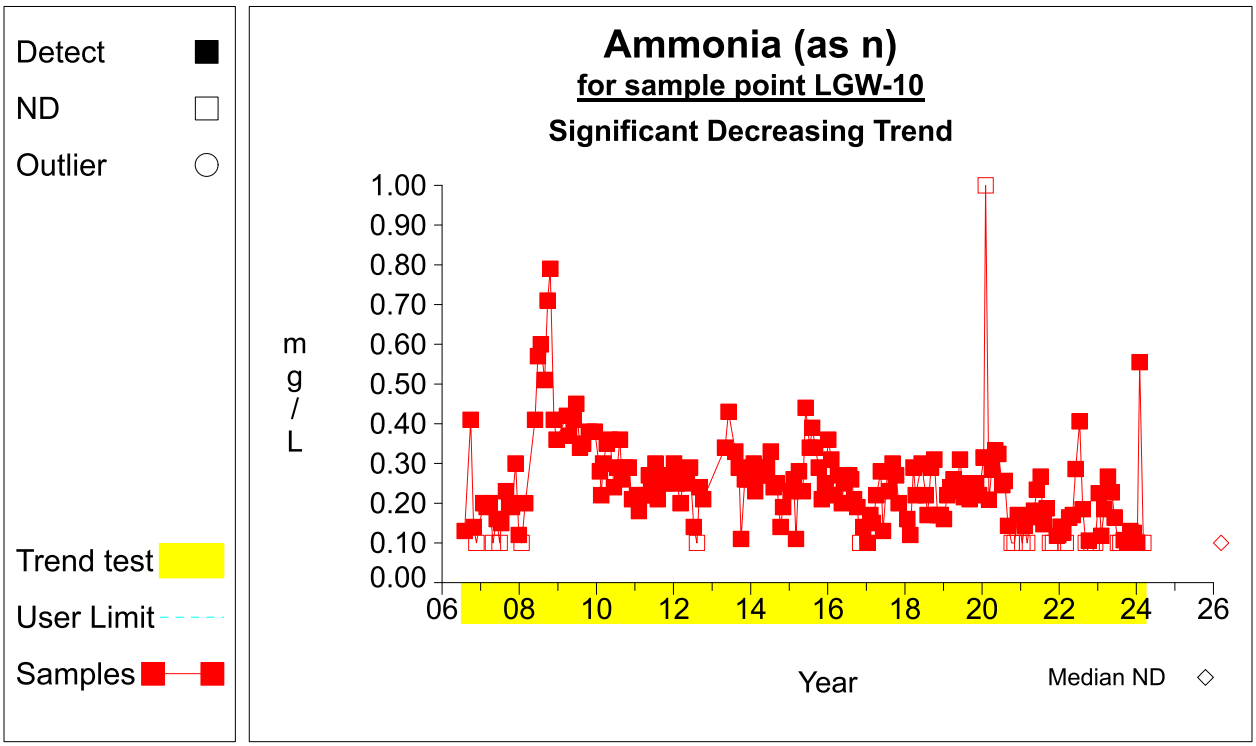
Dates	Ammonia (as n) (mg/L)	Chloride (mg/L)	pH (Field) (S.U.)	Specific conductance (field) (UMHOS/CM)
2/9/2021 - 2/11/2021	<.100	42.4	6.71	580.0
3/2/2021 - 3/3/2021	<.100	40.4	6.54	597.0
4/6/2021 - 4/9/2021	<.100	41.5	6.65	601.0
5/4/2021 - 5/5/2021	<.100	41.7	6.54	629.0
6/1/2021 - 6/2/2021	<.100	45.1	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
3/5/2024 - 3/6/2024	<.100	29.9	6.80	568.0

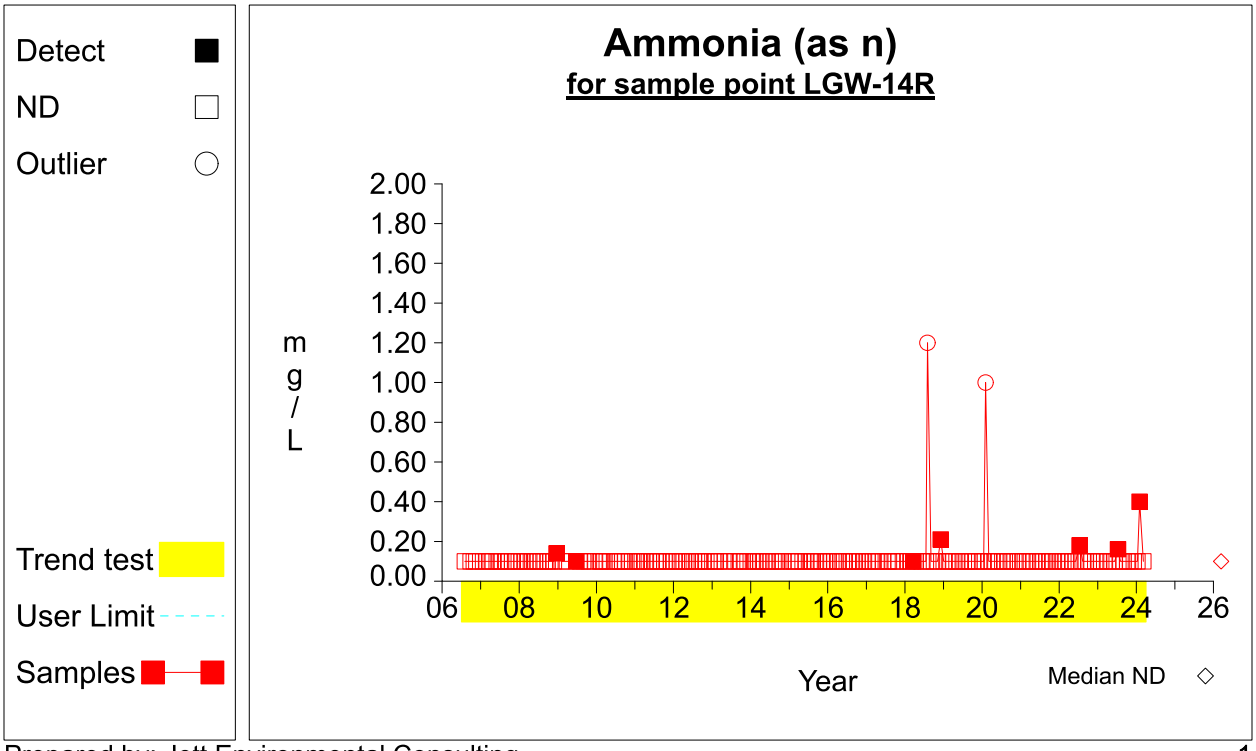
* - The displayed value is the arithmetic mean of multiple database matches.

ATTACHMENT C

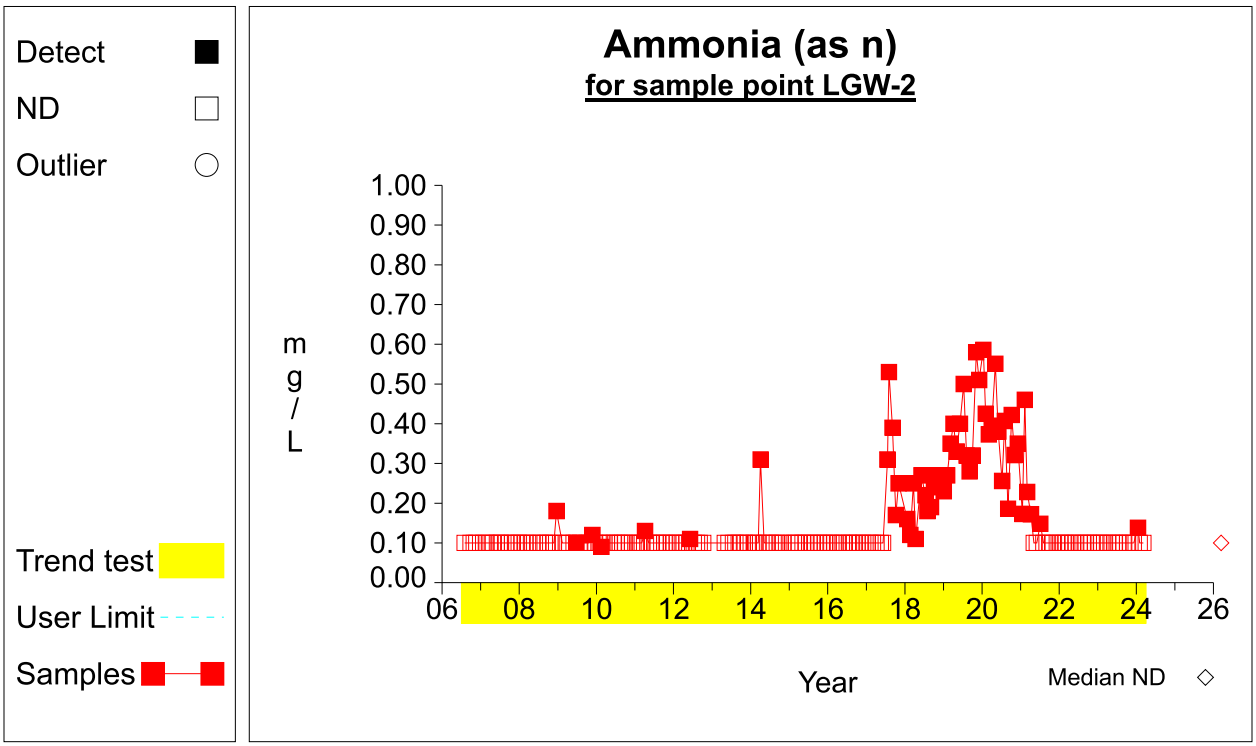
Trend Analysis

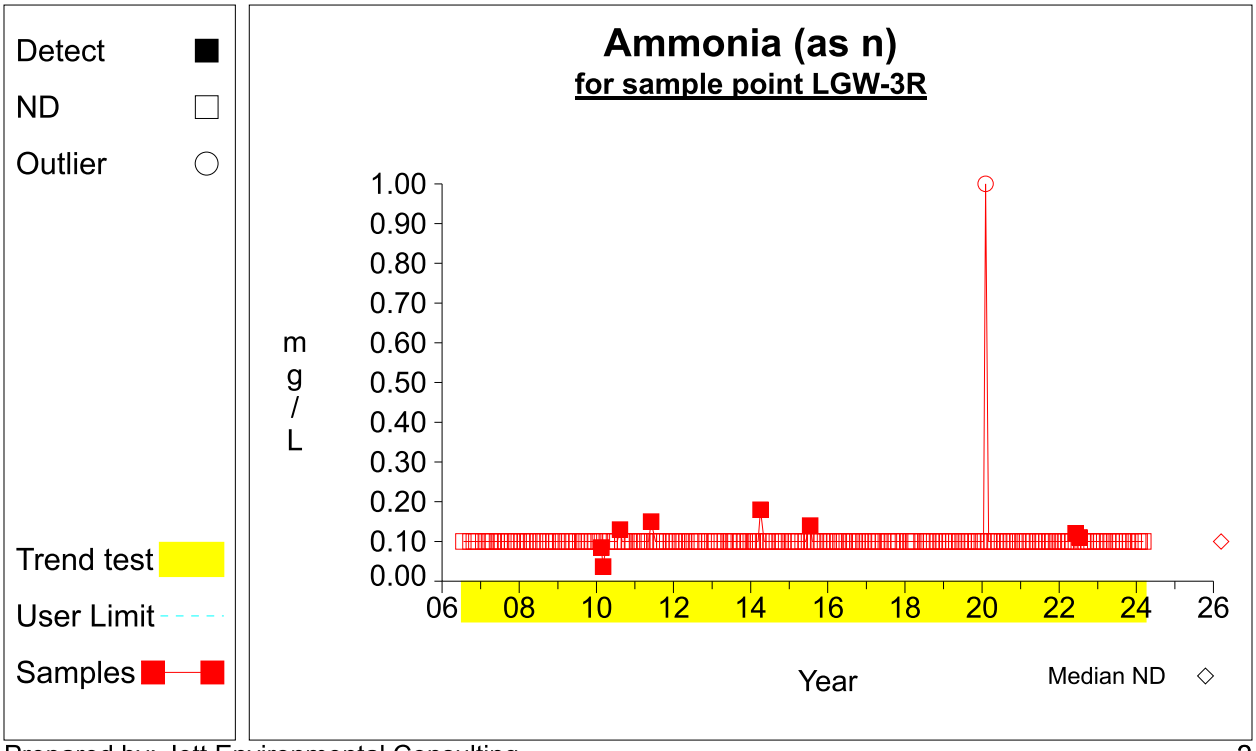
Time Series


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

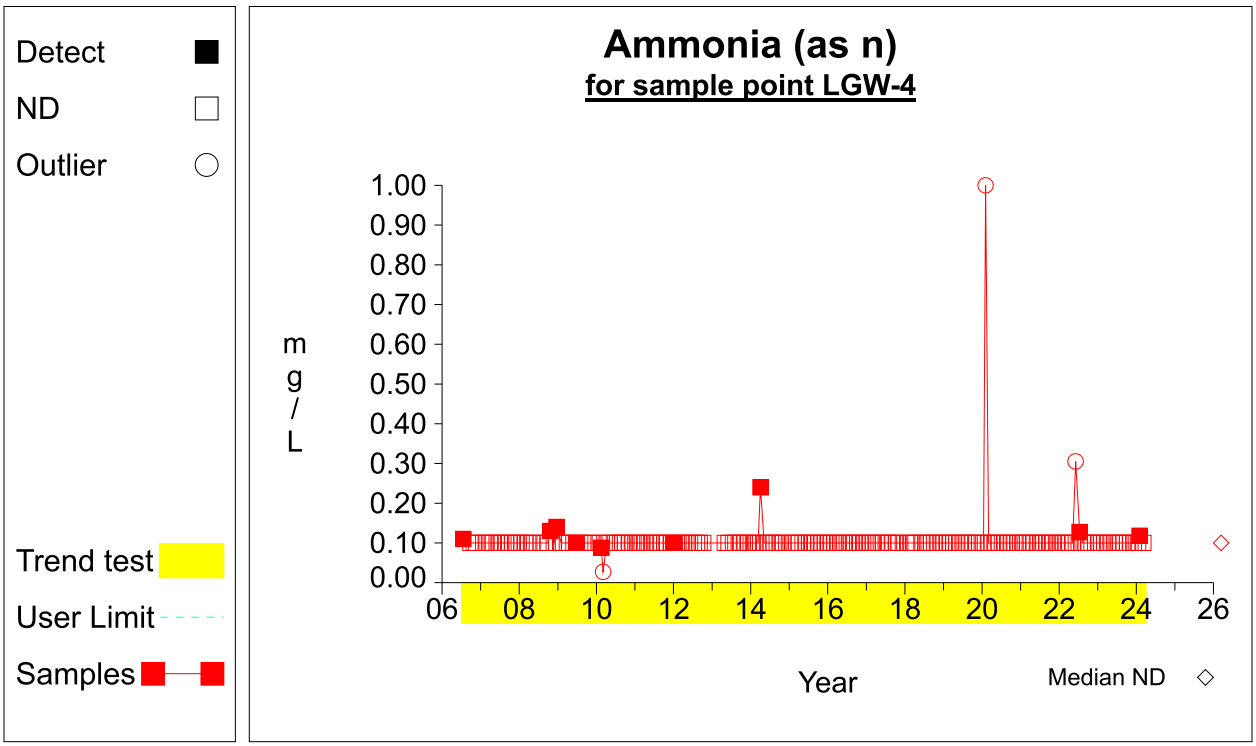

Detect
ND
Outlier
Trend test
User Limit
Samples
Ammonia (as n)
for sample point LGW-14R
mg/L
2.00
1.80
1.60
1.40
1.20
1.00
0.80
0.60
0.40
0.20
0.00
06
08
10
12
14
16
18
20
22
24
26
Year
Median ND

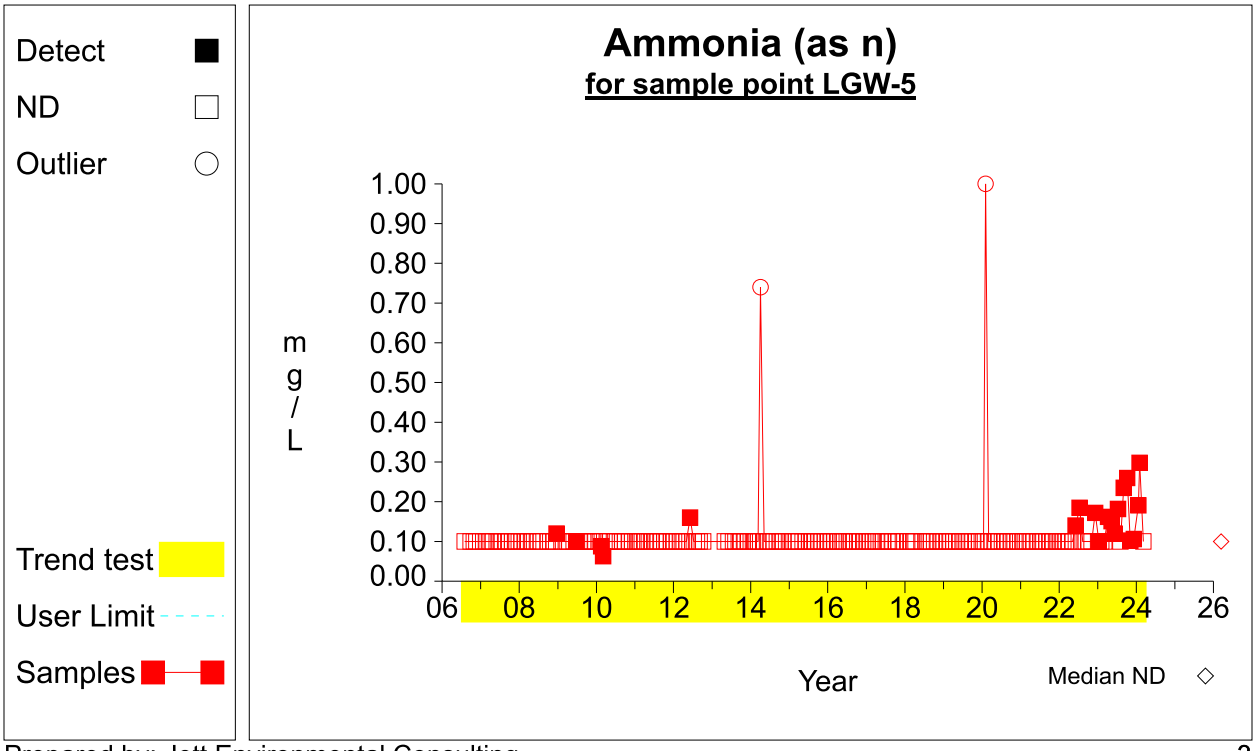
Time Series


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

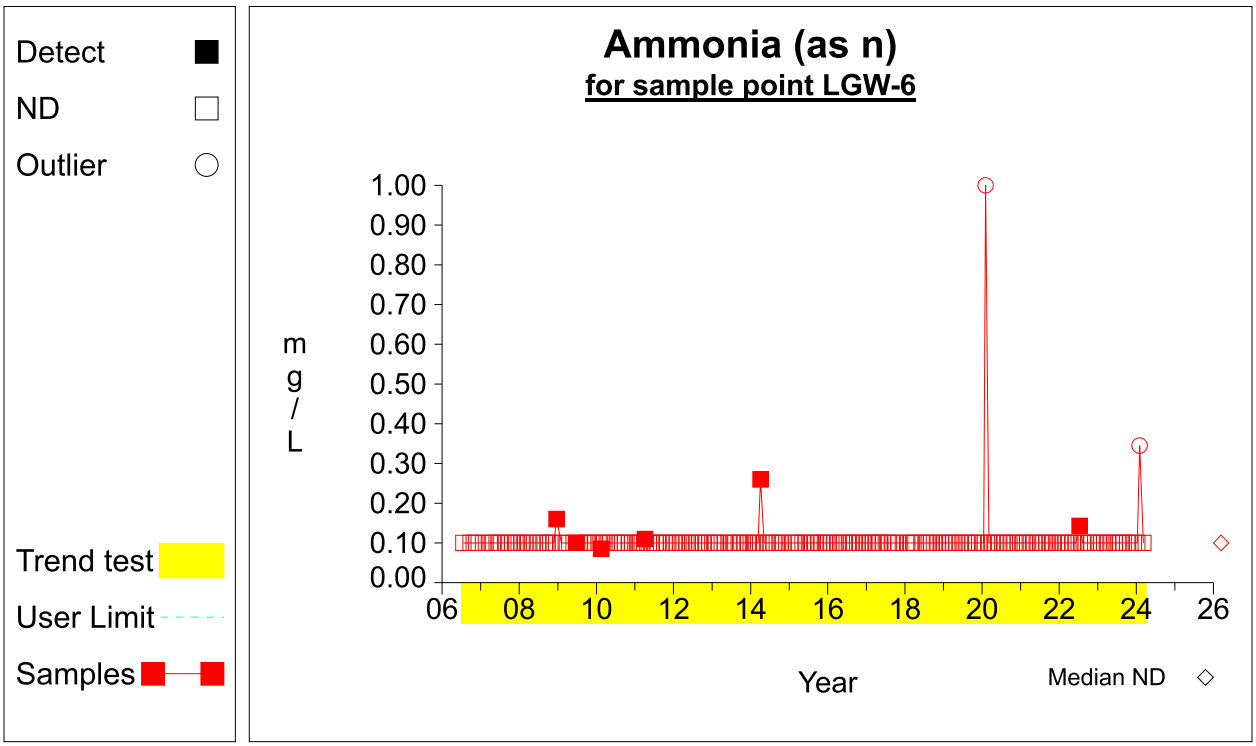

Detect
ND
Outlier
Trend test
User Limit
Samples
Ammonia (as n)
for sample point LGW-3R
mg/L
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
06
08
10
12
14
16
18
20
22
24
26
Year
Median ND

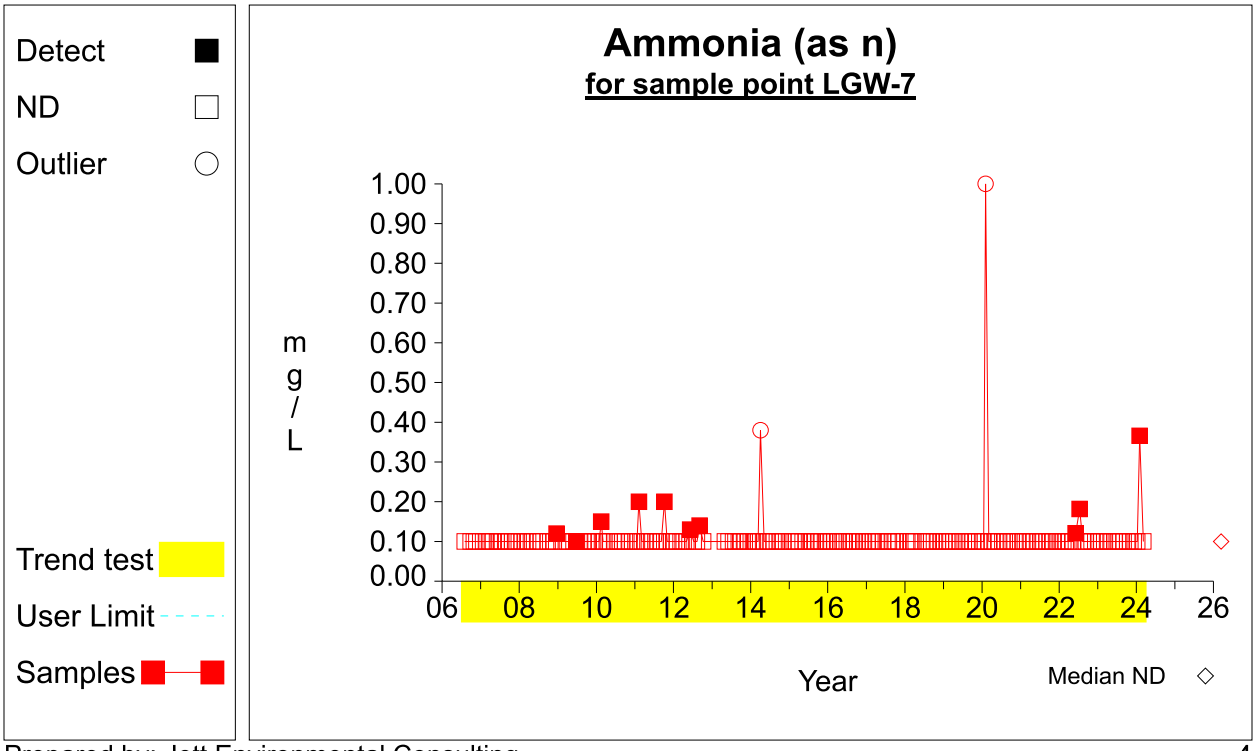
Time Series


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

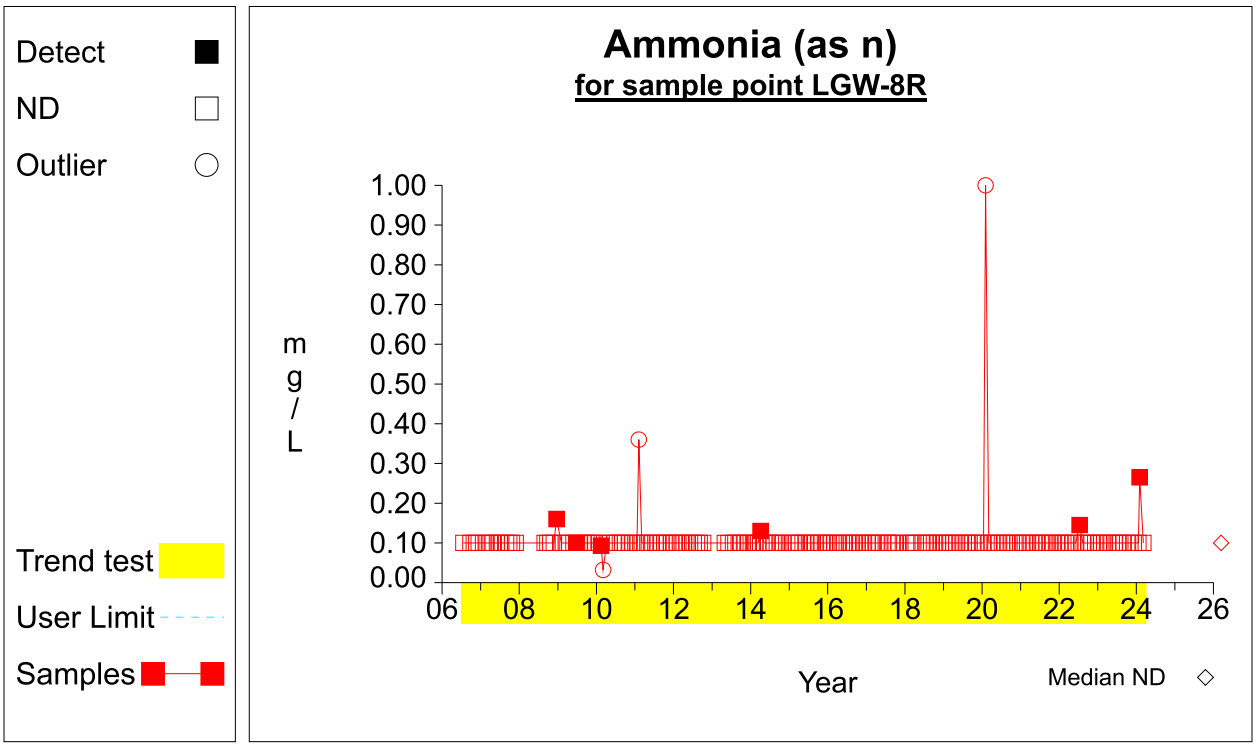

Detect
ND
Outlier
Trend test
User Limit
Samples
Ammonia (as n)
for sample point LGW-5
mg/L
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
06
08
10
12
14
16
18
20
22
24
26
Year
Median ND

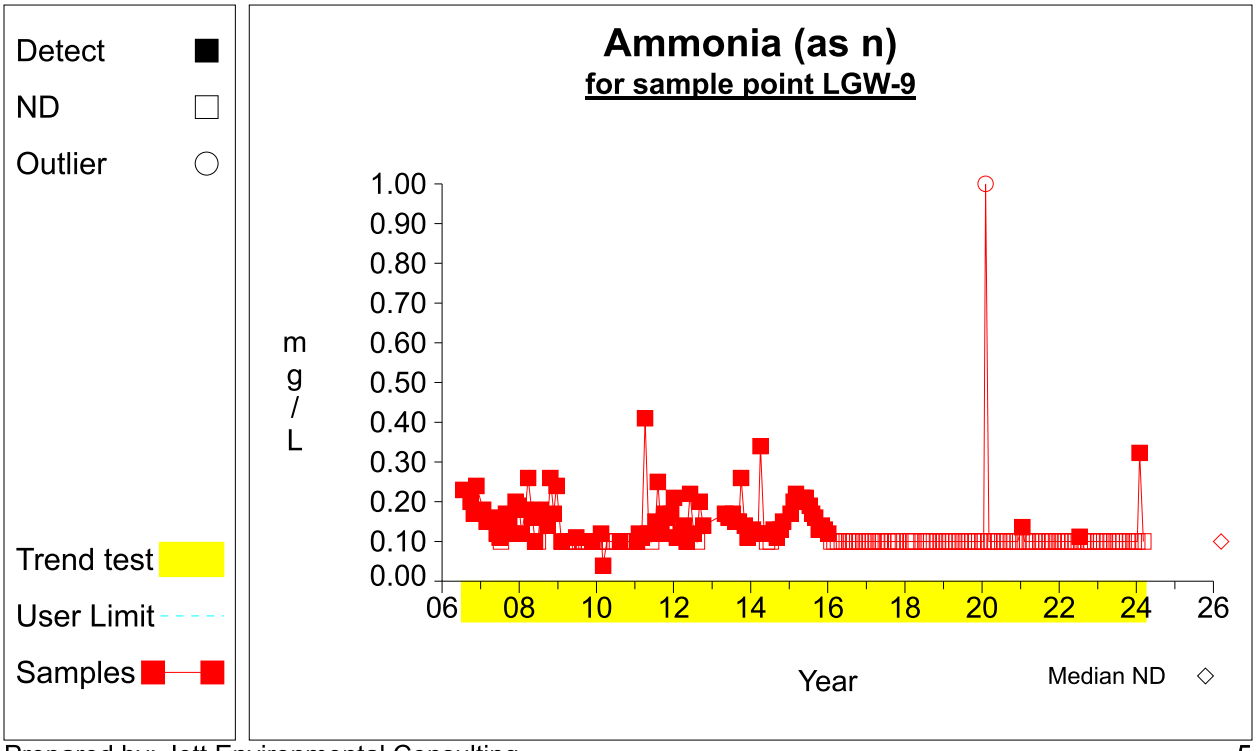
Time Series


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

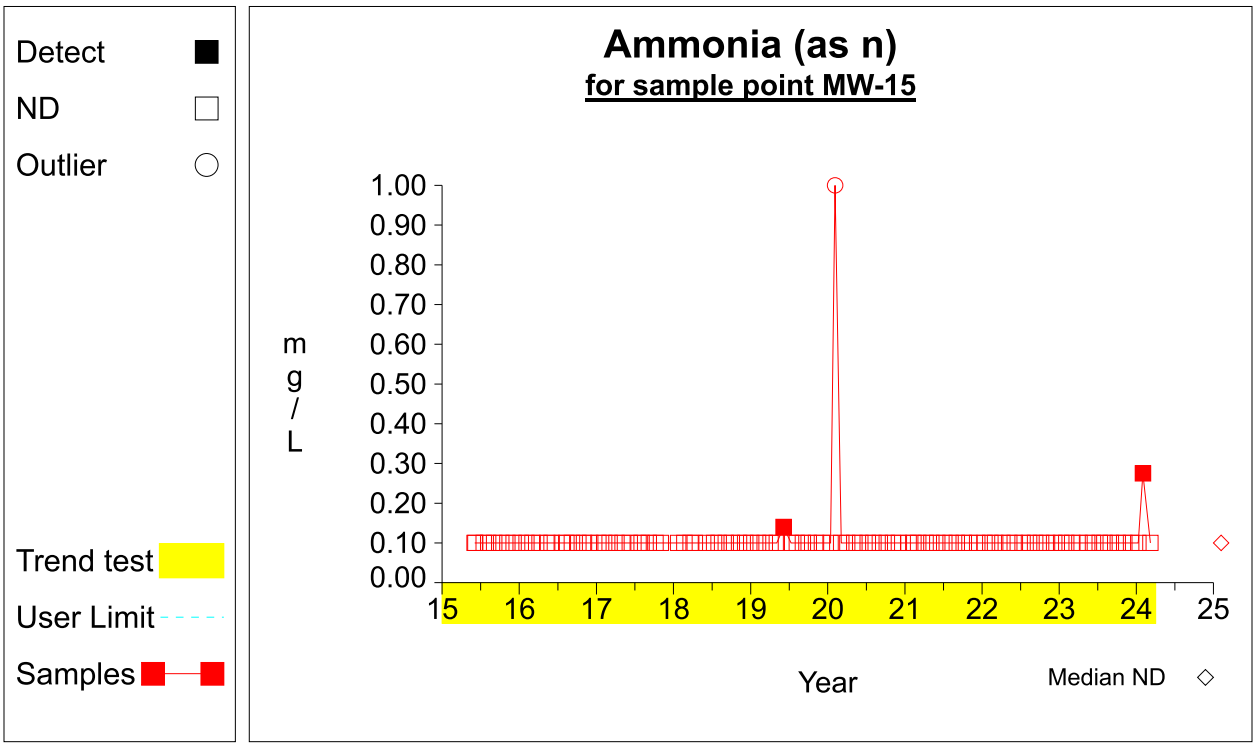

Detect
ND
Outlier
Trend test
User Limit
Samples
Ammonia (as n)
for sample point LGW-7
mg/L
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
06
08
10
12
14
16
18
20
22
24
26
Year
Median ND

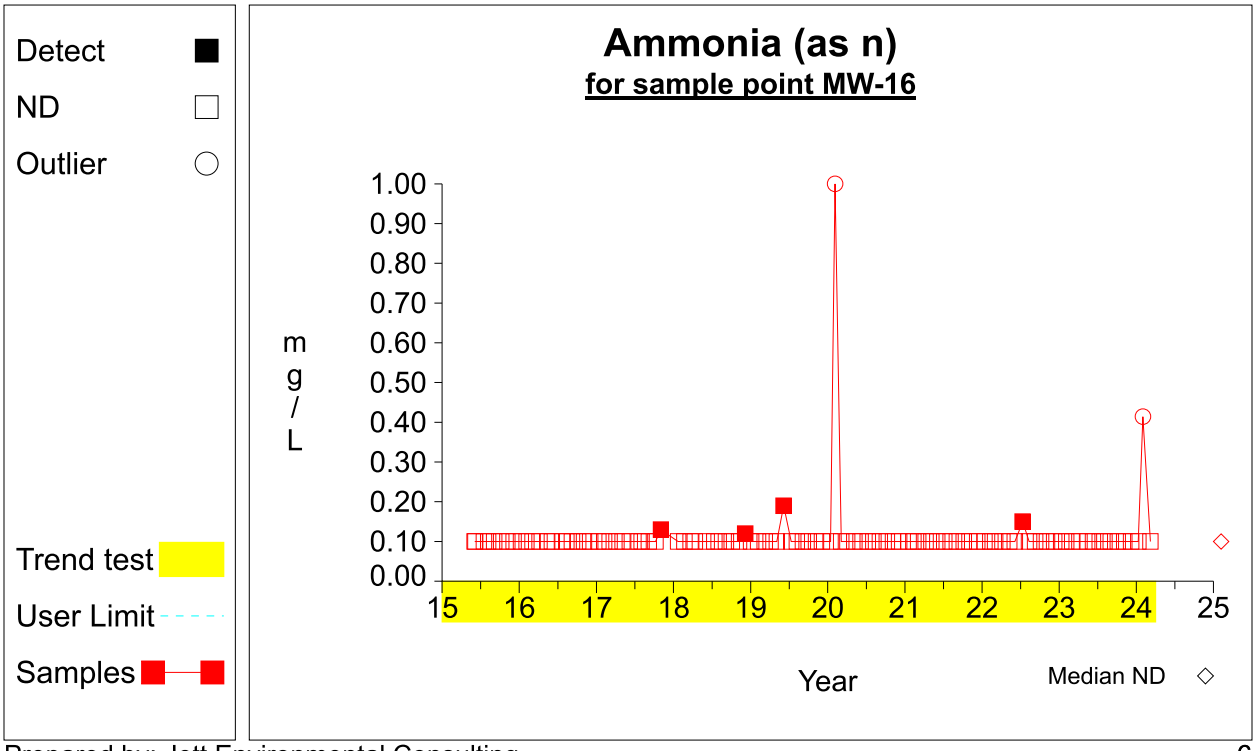
Time Series


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

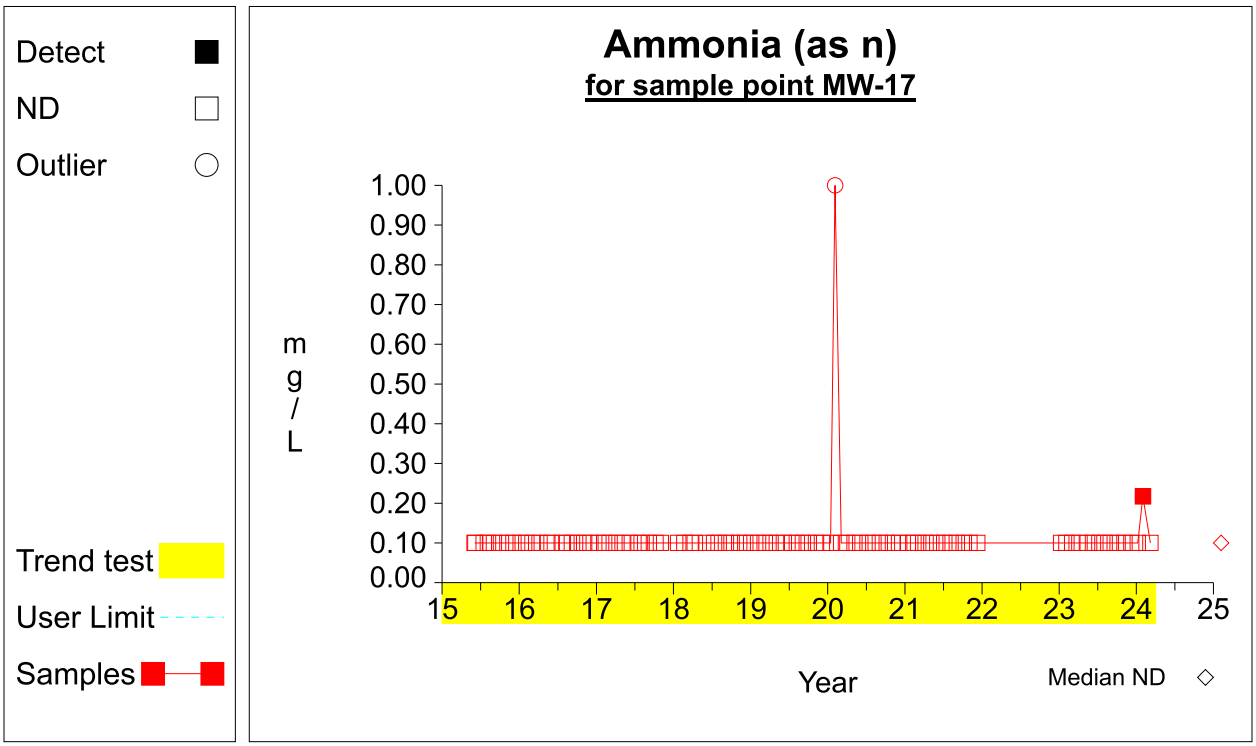

Detect
ND
Outlier
Trend test
User Limit
Samples
Ammonia (as n)
for sample point LGW-9
mg/L
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
06
08
10
12
14
16
18
20
22
24
26
Year
Median ND

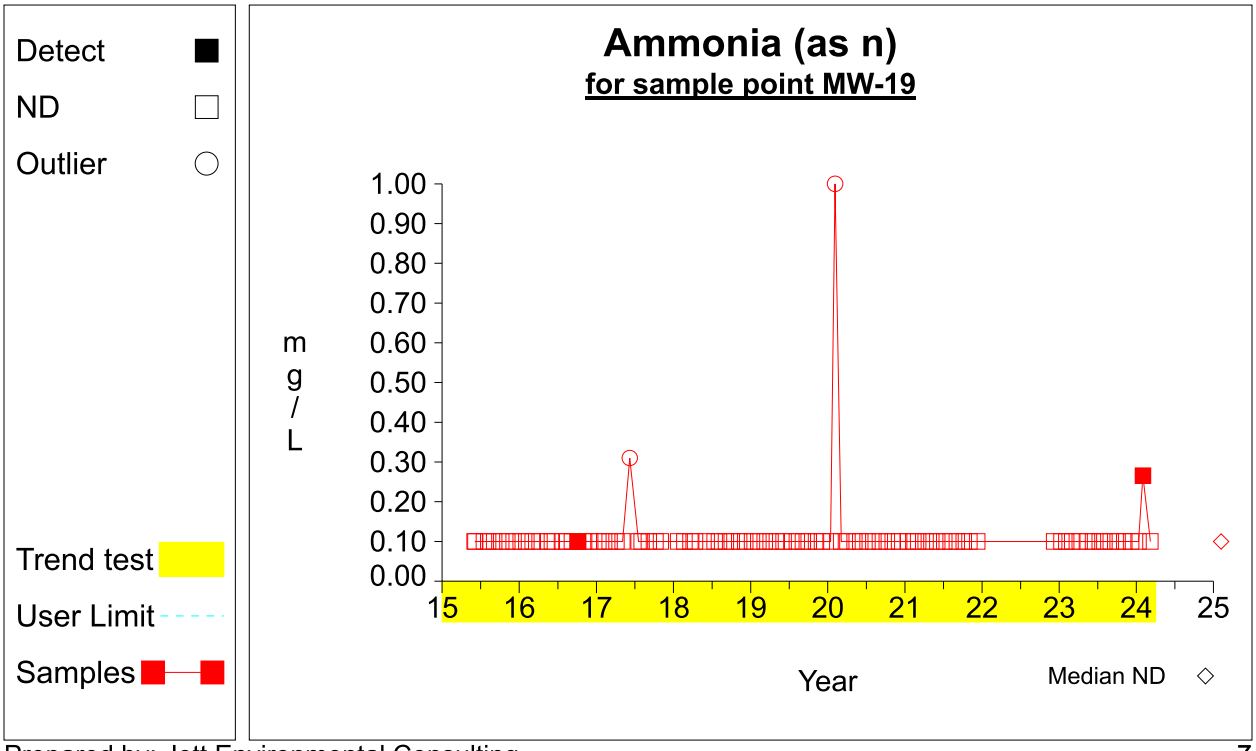
Time Series


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

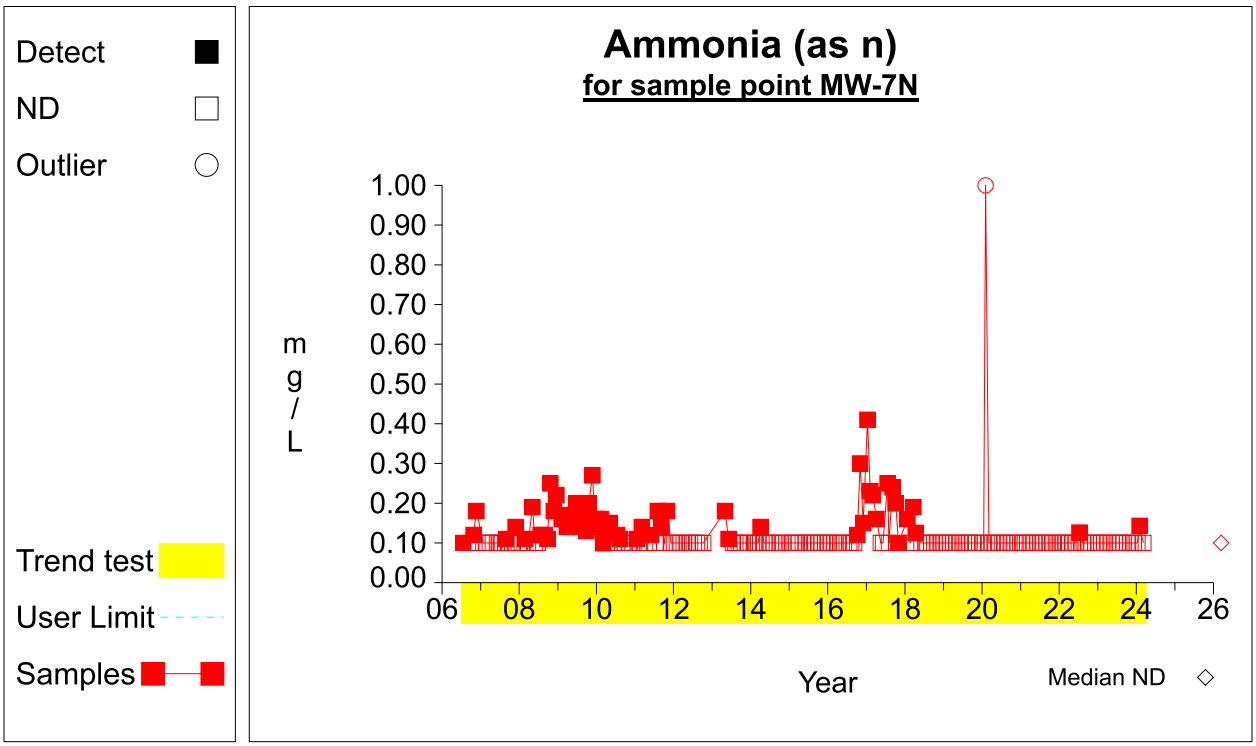

Detect
ND
Outlier
Trend test
User Limit
Samples
Ammonia (as n)
for sample point MW-16
mg/L
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
15
16
17
18
19
20
21
22
23
24
25
Year
Median ND

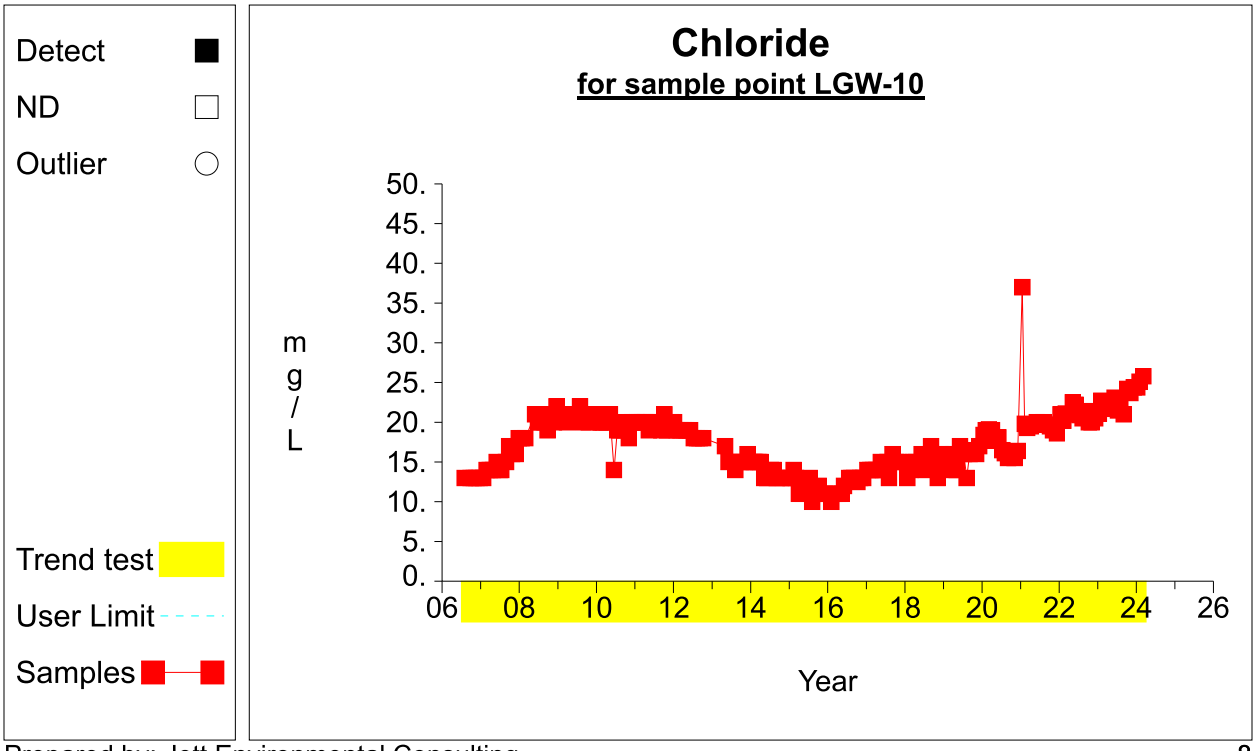
Time Series


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

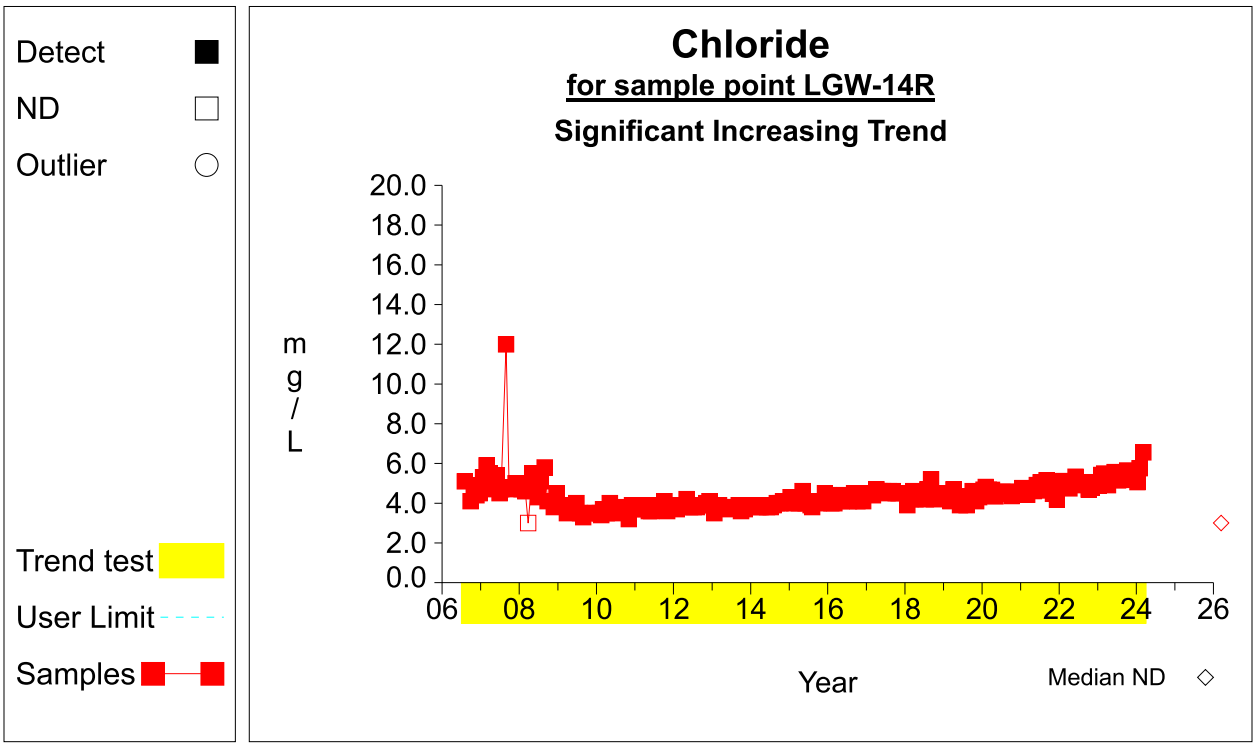

Detect
ND
Outlier
Trend test
User Limit
Samples
Ammonia (as n)
for sample point MW-19
mg/L
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
15
16
17
18
19
20
21
22
23
24
25
Year
Median ND

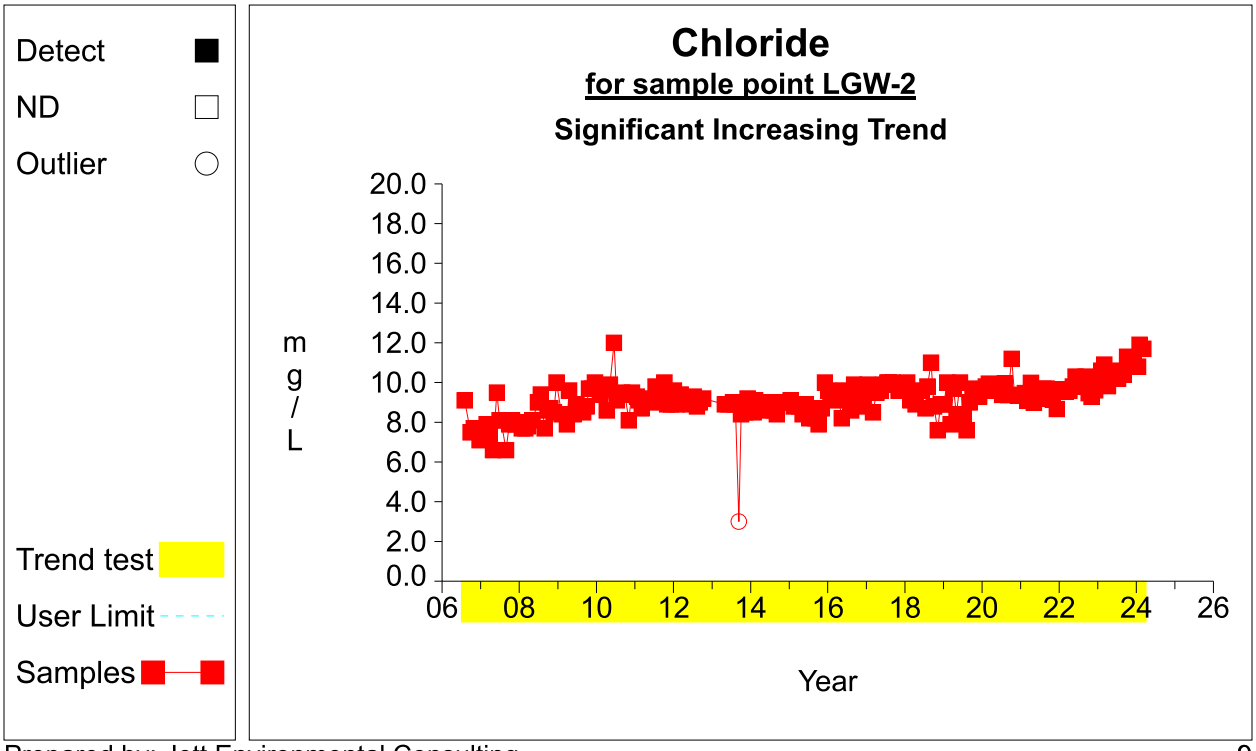
Time Series


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

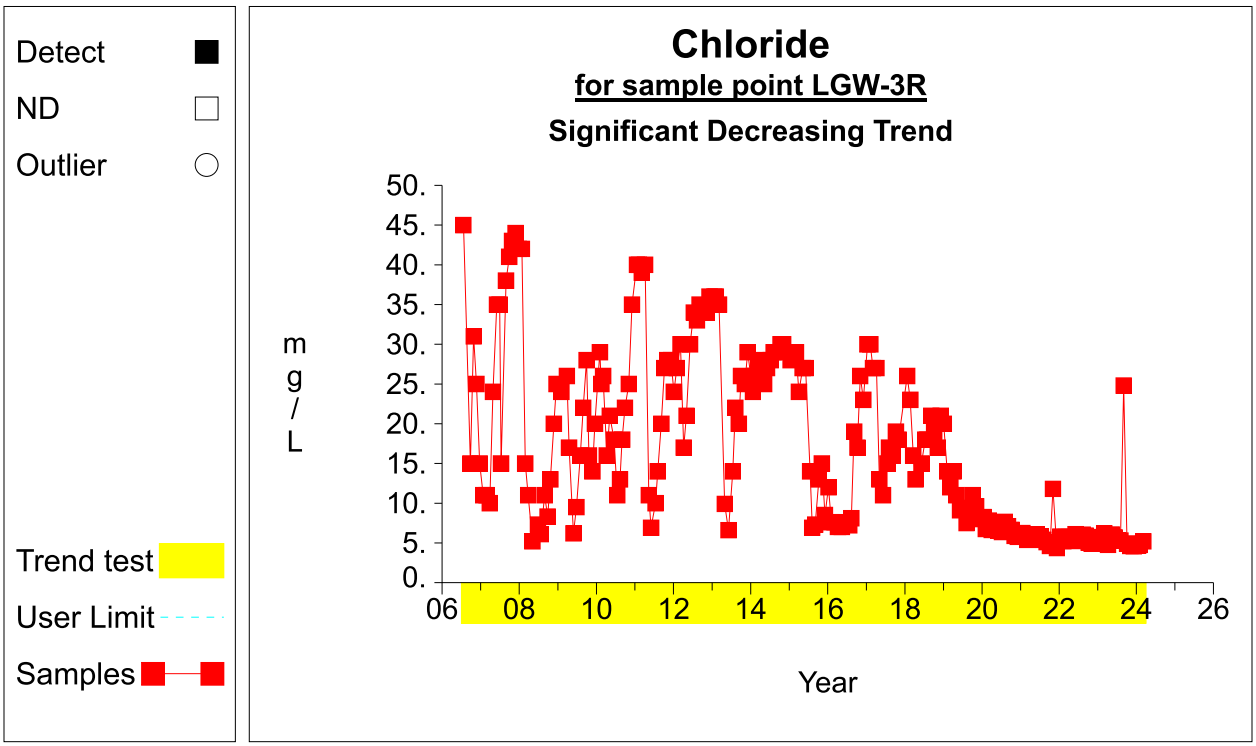

Detect
ND
Outlier
Trend test
User Limit
Samples
Chloride
for sample point LGW-10
mg/L
50.
45.
40.
35.
30.
25.
20.
15.
10.
5.
0.
06
08
10
12
14
16
18
20
22
24
26
Year

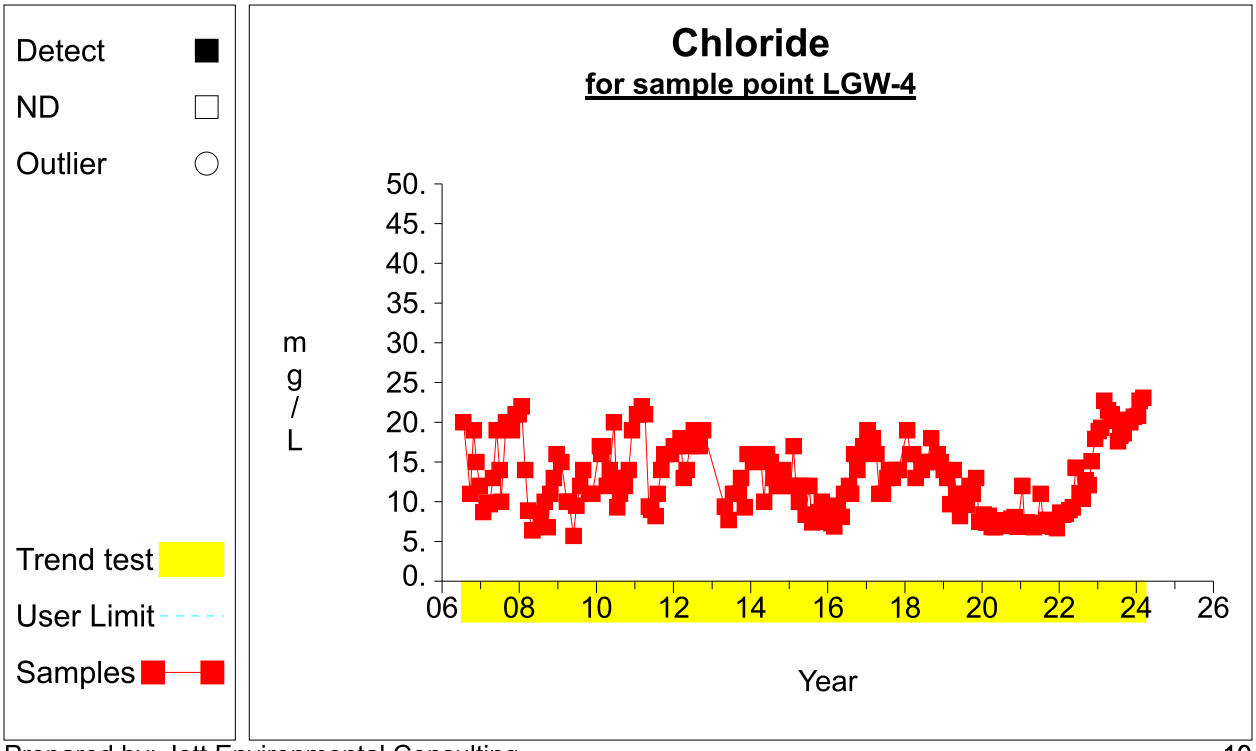
Time Series


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

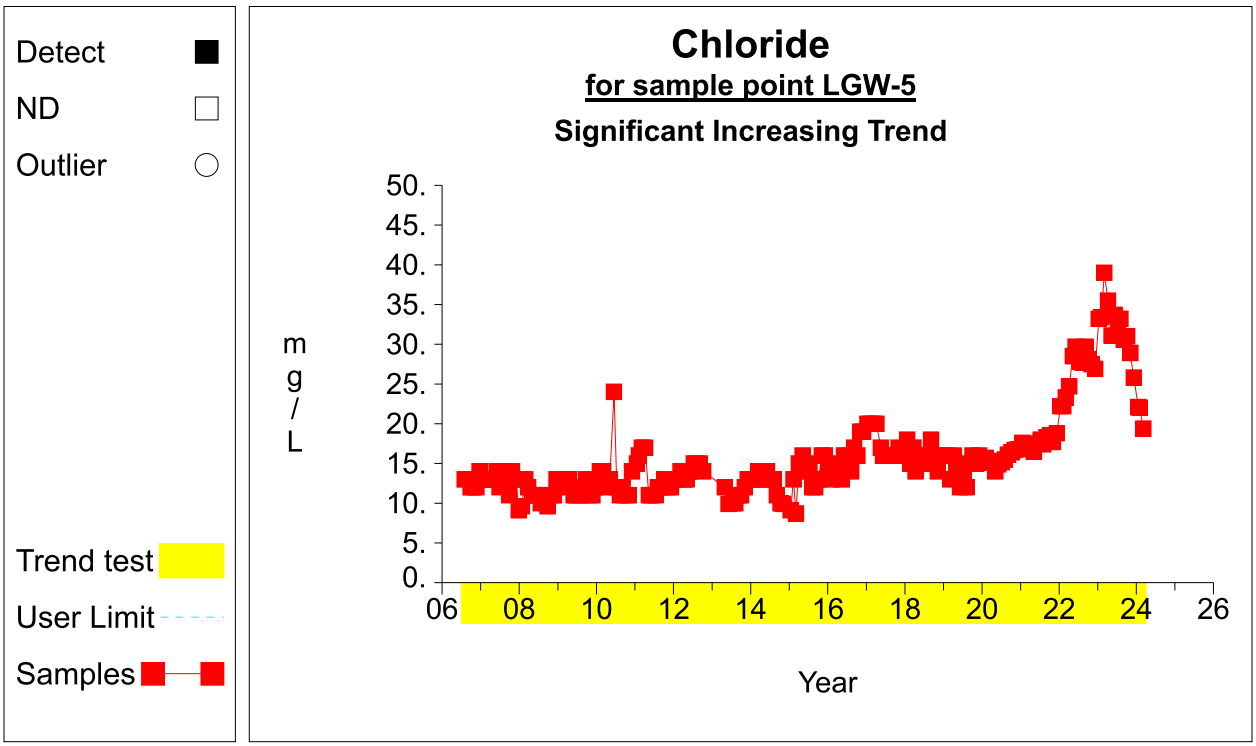

Detect
ND
Outlier
Trend test
User Limit
Samples
Chloride
for sample point LGW-2
Significant Increasing Trend
mg/L
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
06
08
10
12
14
16
18
20
22
24
26
Year

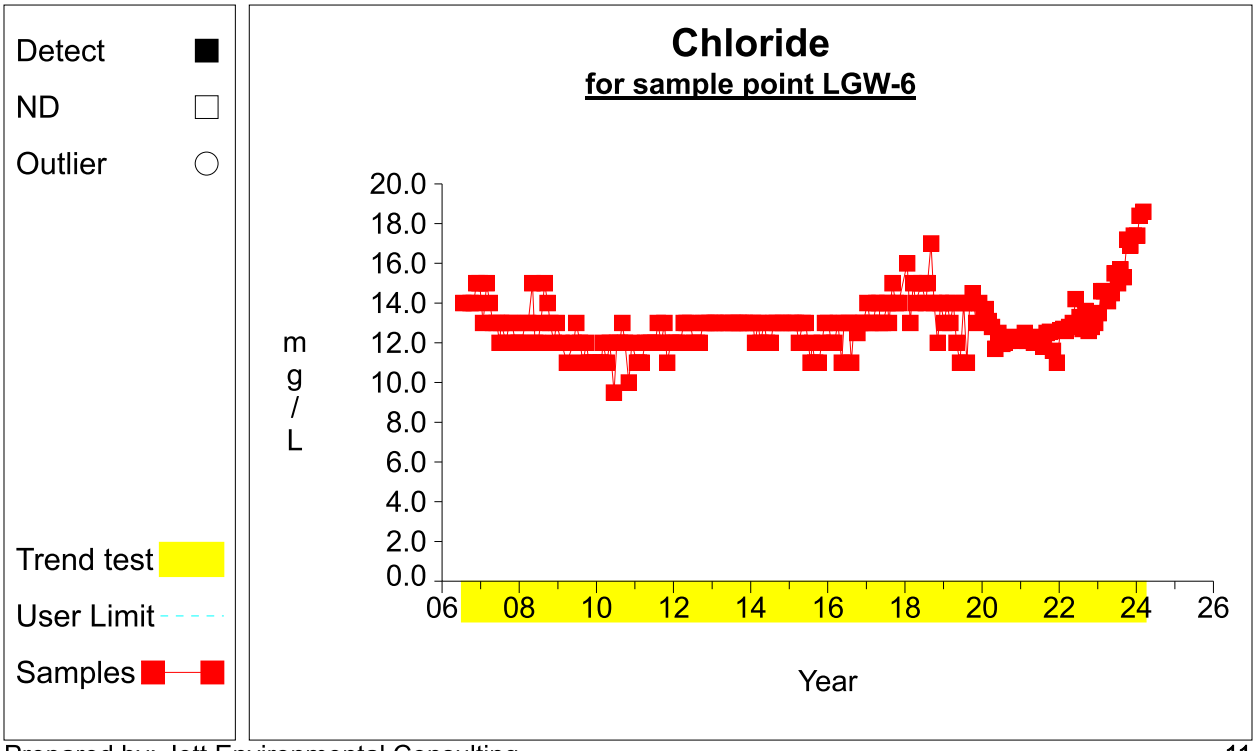
Time Series


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

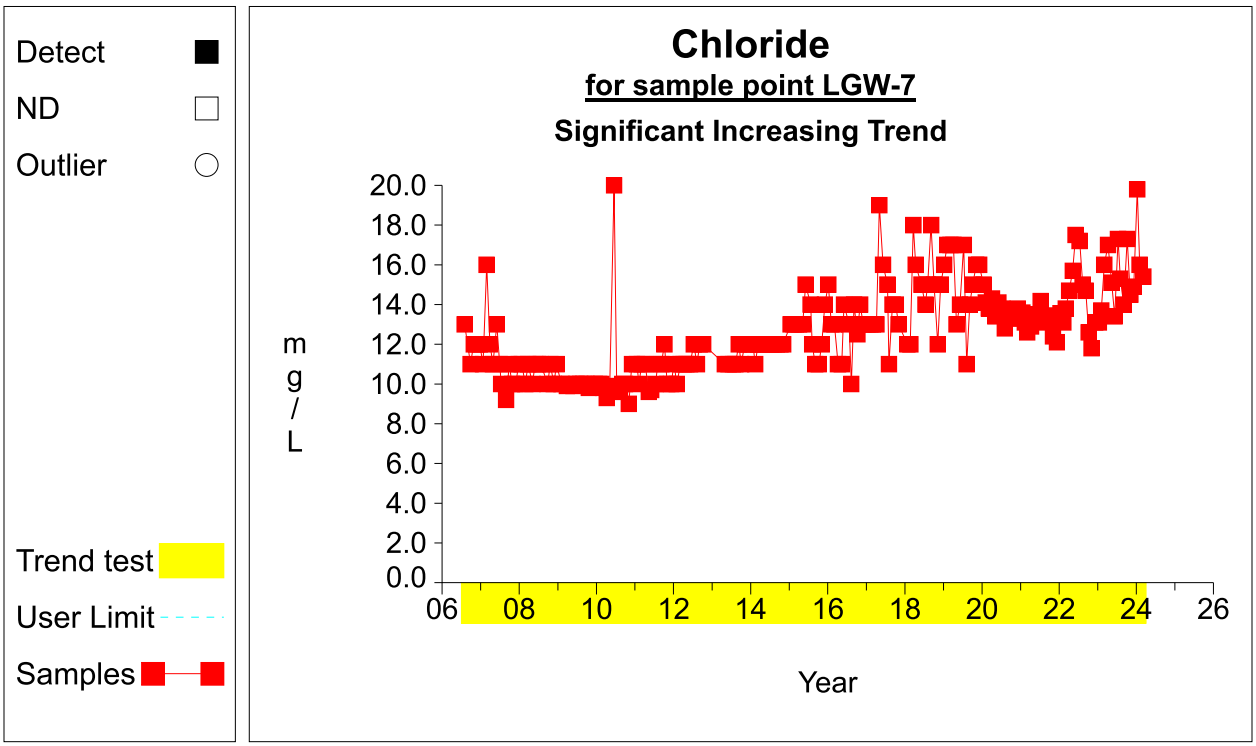

Detect
ND
Outlier
Trend test
User Limit
Samples
Chloride
for sample point LGW-4
mg/L
50.
45.
40.
35.
30.
25.
20.
15.
10.
5.
0.
06
08
10
12
14
16
18
20
22
24
26
Year

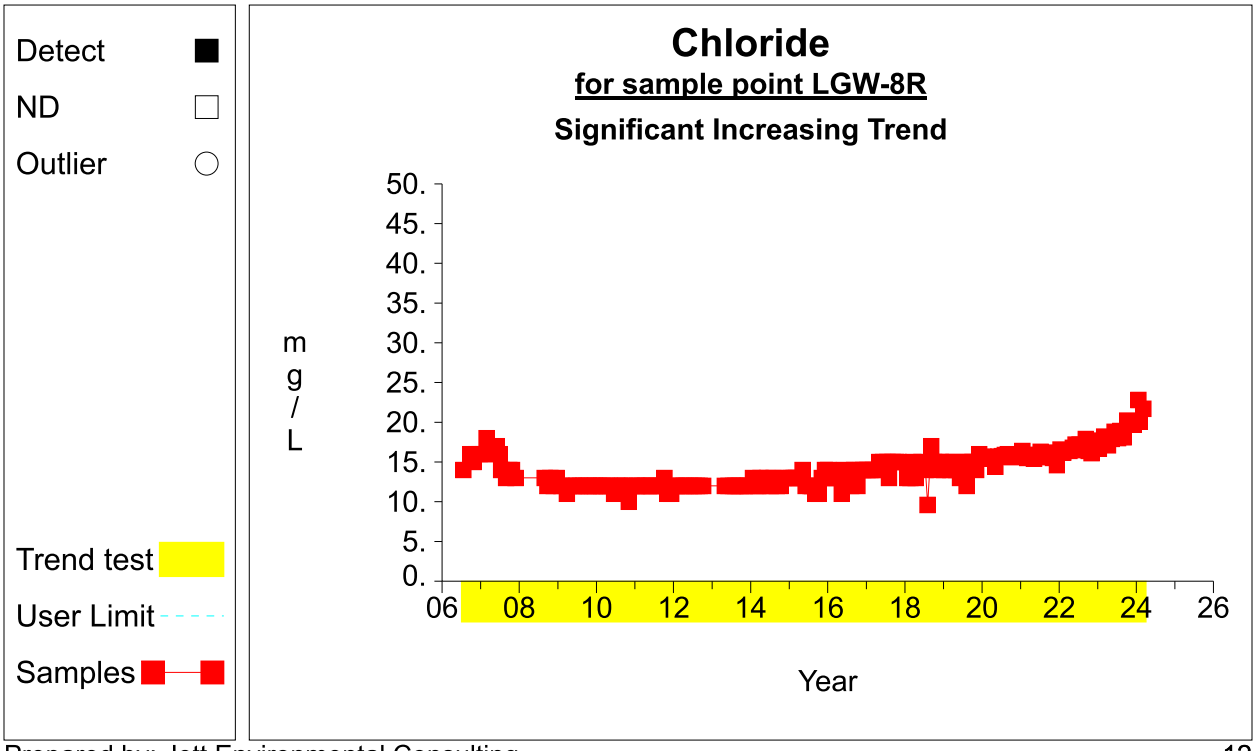
Time Series


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

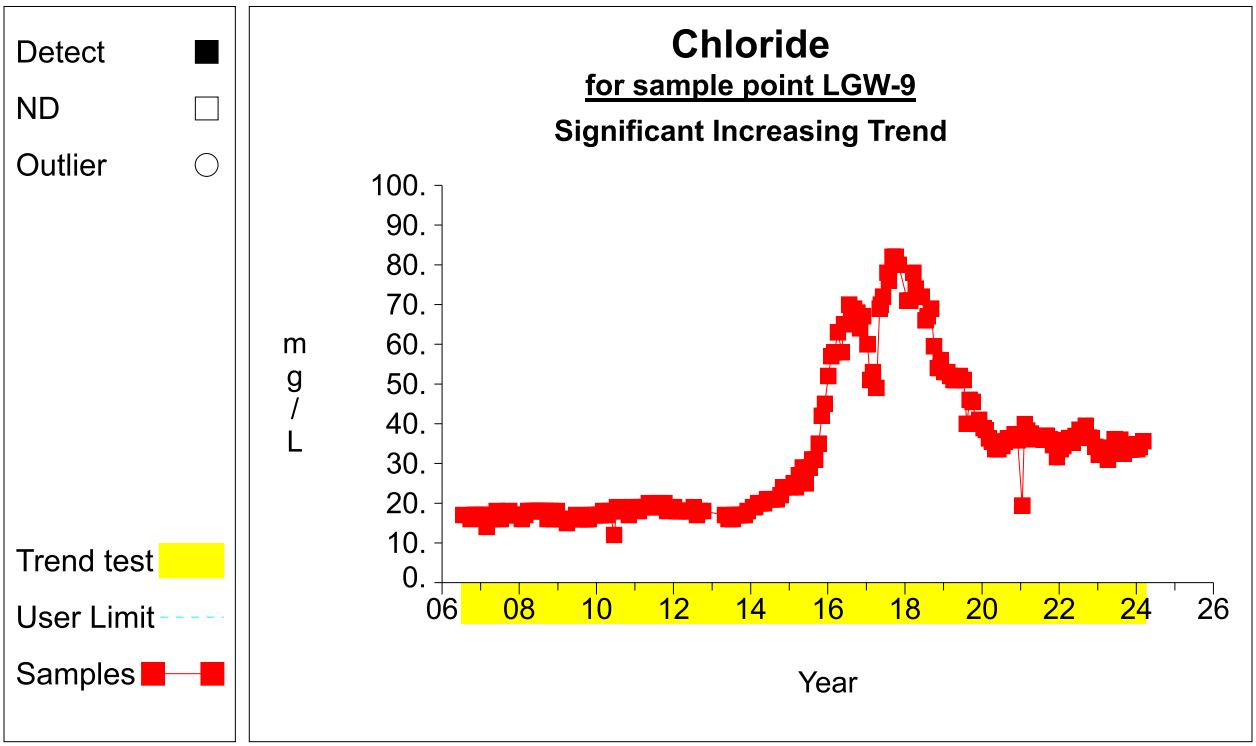

Detect
ND
Outlier
Trend test
User Limit
Samples
Chloride
for sample point LGW-6
mg/L
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
06
08
10
12
14
16
18
20
22
24
26
Year

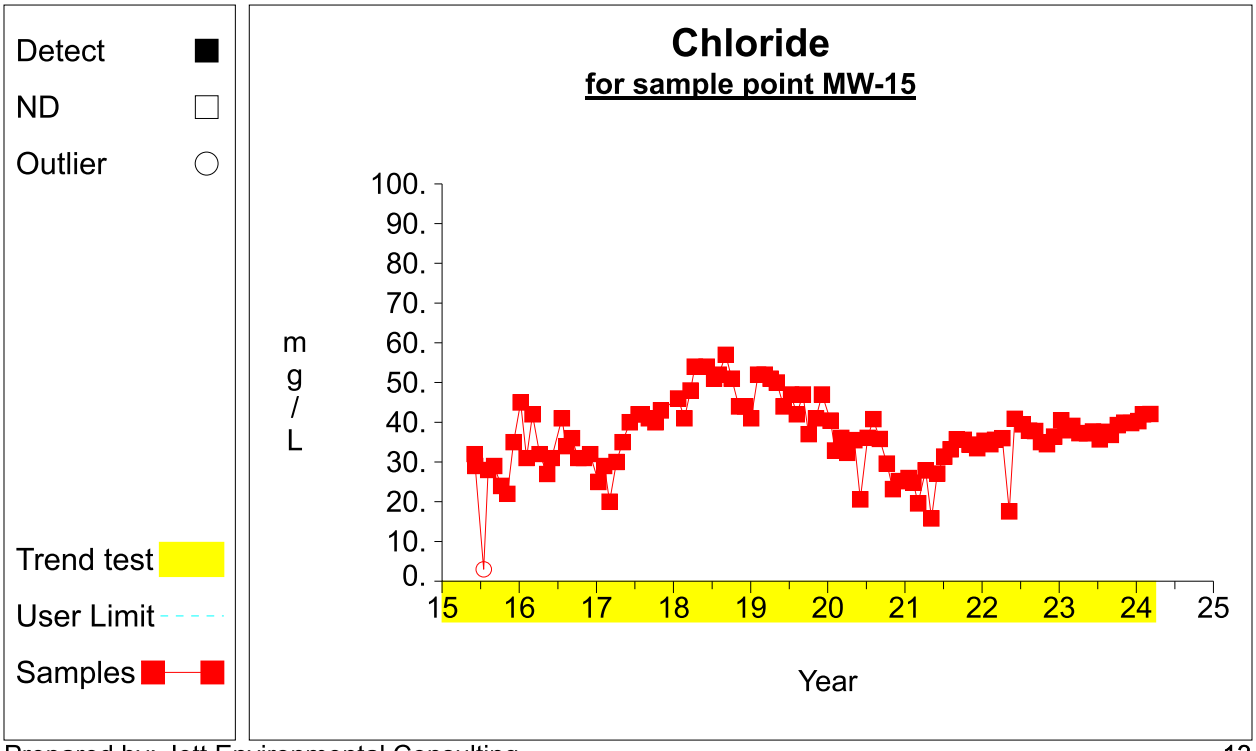
Time Series


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

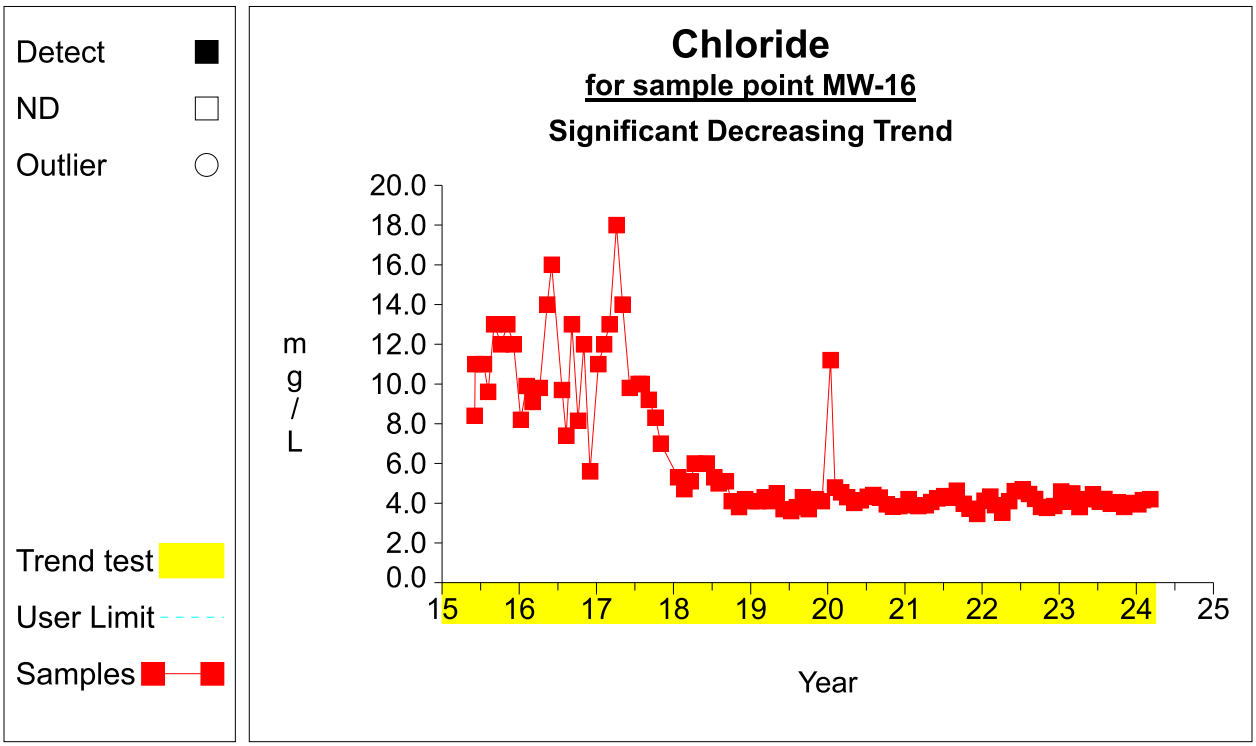

Detect
ND
Outlier
Trend test
User Limit
Samples
Chloride
for sample point LGW-8R
Significant Increasing Trend
mg/L
50.
45.
40.
35.
30.
25.
20.
15.
10.
5.
0.
06
08
10
12
14
16
18
20
22
24
26
Year

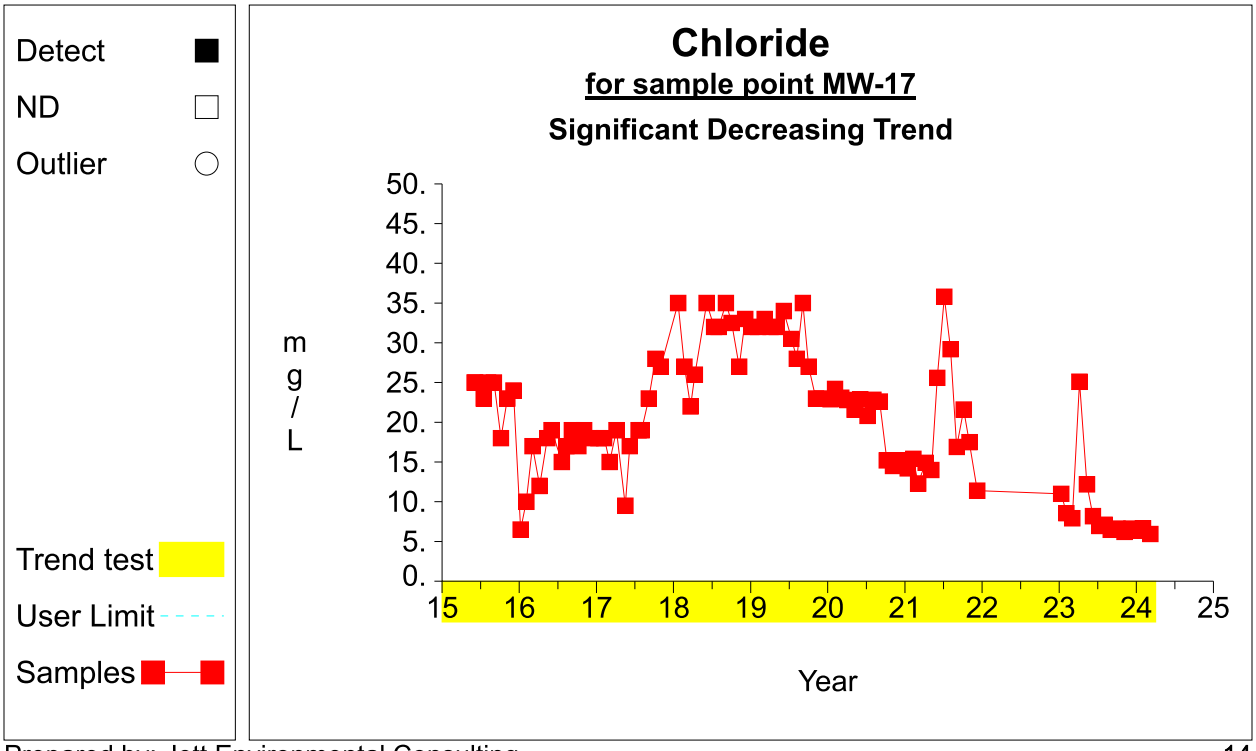
Time Series


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

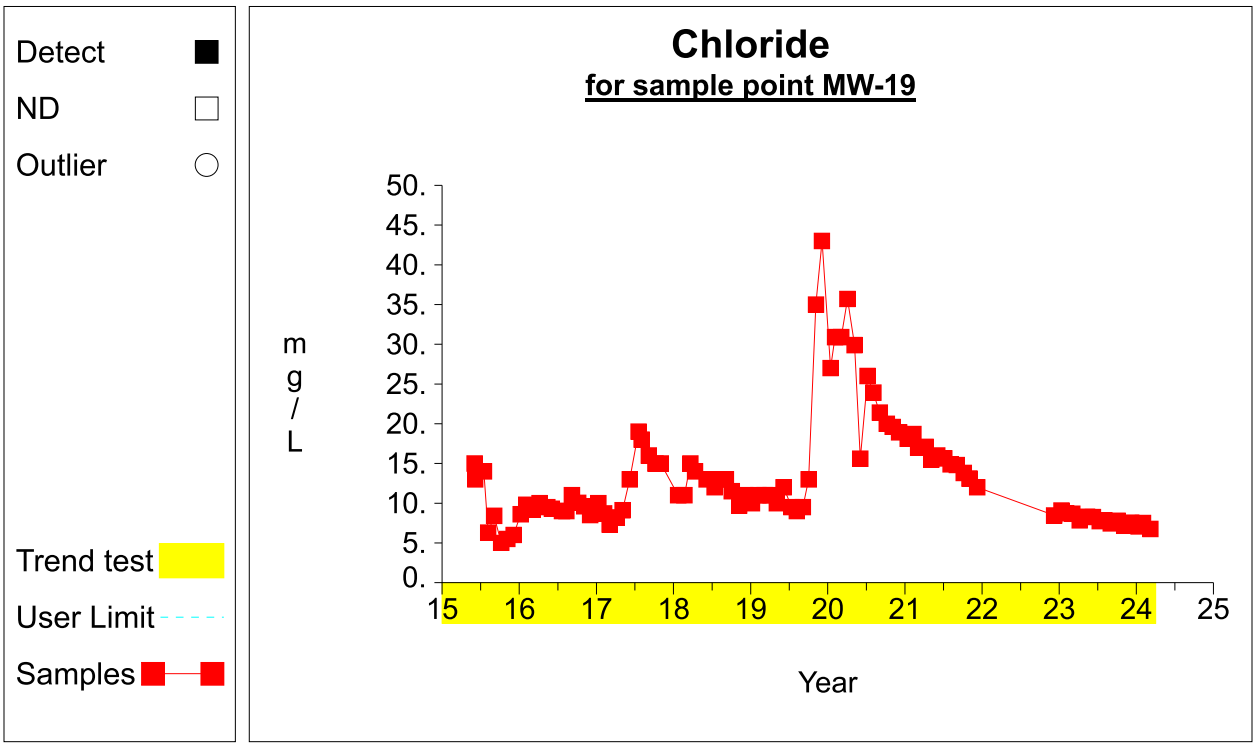

Detect
ND
Outlier
Trend test
User Limit
Samples
Chloride
for sample point MW-15
mg/L
100.
90.
80.
70.
60.
50.
40.
30.
20.
10.
0.
15
16
17
18
19
20
21
22
23
24
25
Year

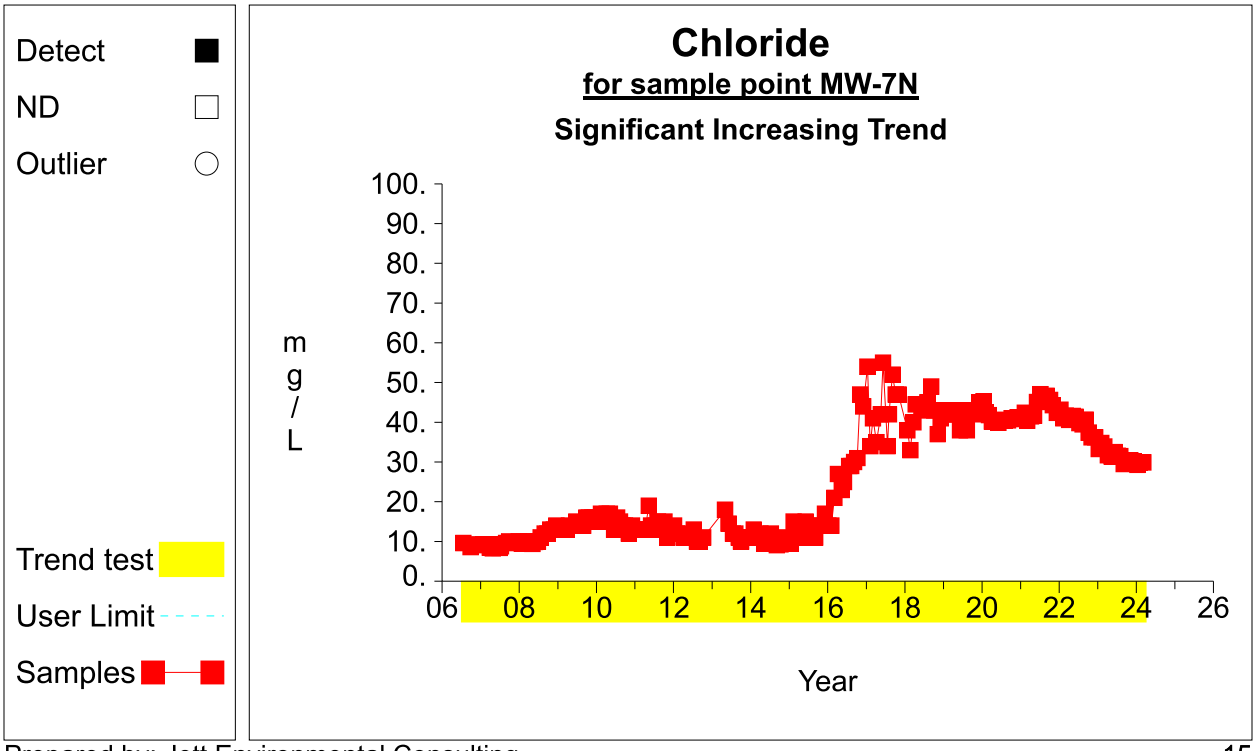
Time Series


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

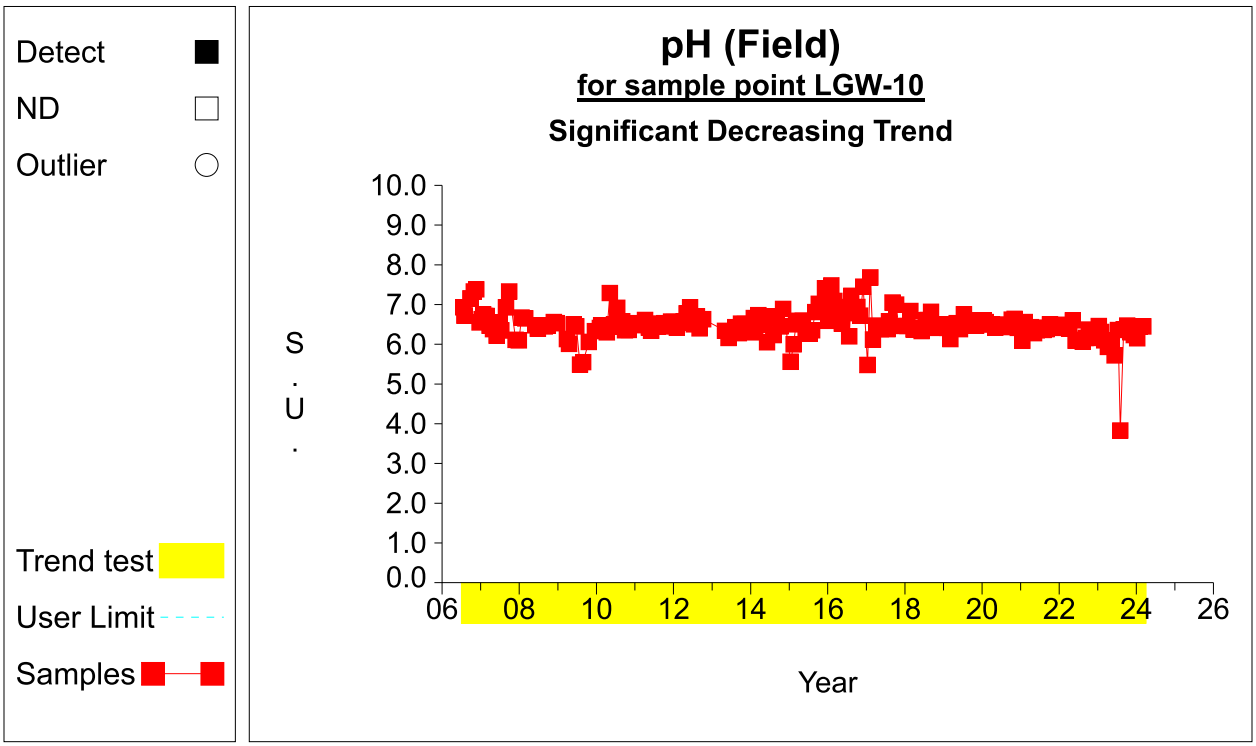

Detect
ND
Outlier
Trend test
User Limit
Samples
Chloride
for sample point MW-17
Significant Decreasing Trend
mg/L
50.
45.
40.
35.
30.
25.
20.
15.
10.
5.
0.
15
16
17
18
19
20
21
22
23
24
25
Year

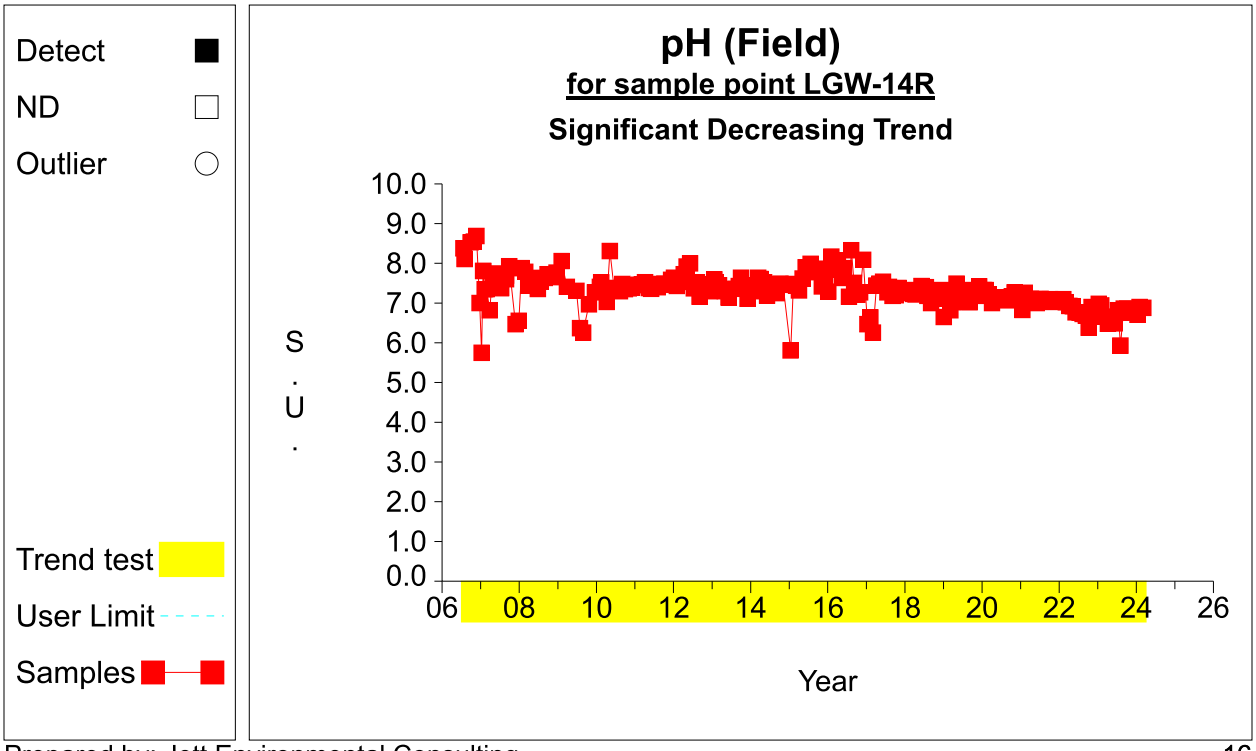
Time Series


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

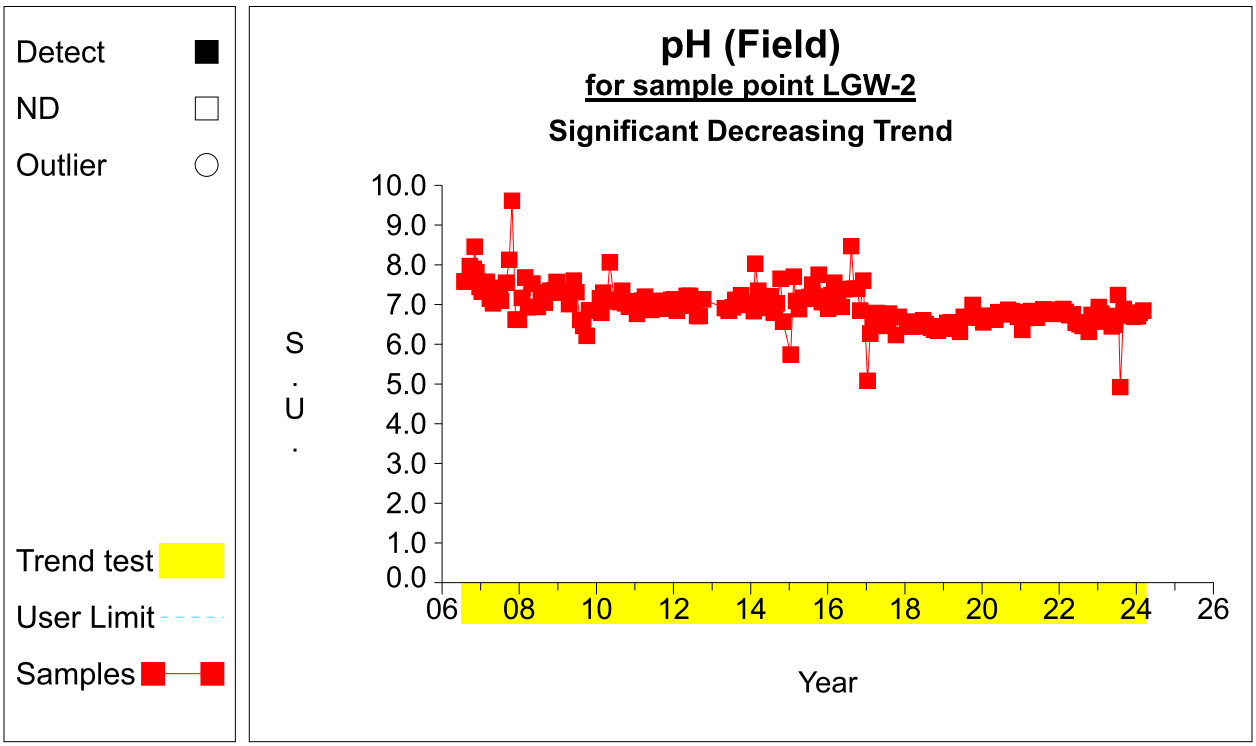

Detect
ND
Outlier
Trend test
User Limit
Samples
Chloride
for sample point MW-7N
Significant Increasing Trend
mg/L
100.
90.
80.
70.
60.
50.
40.
30.
20.
10.
0.
06
08
10
12
14
16
18
20
22
24
26
Year

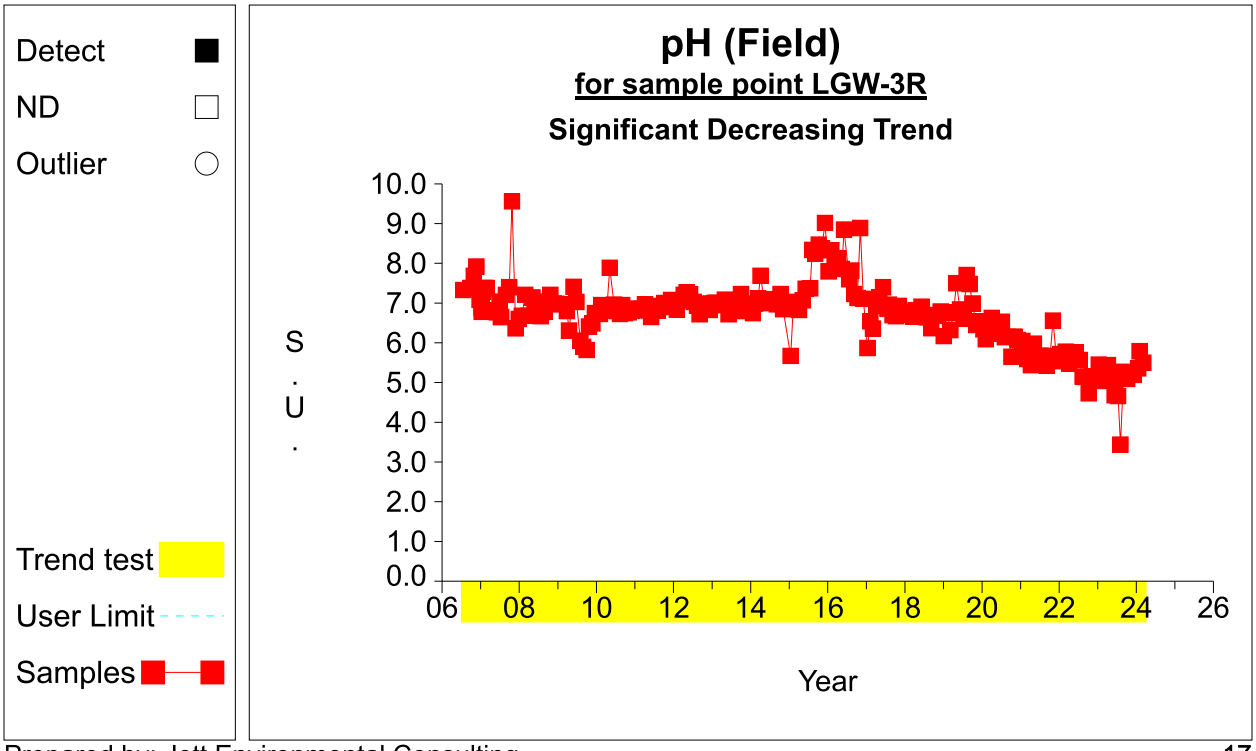
Time Series


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

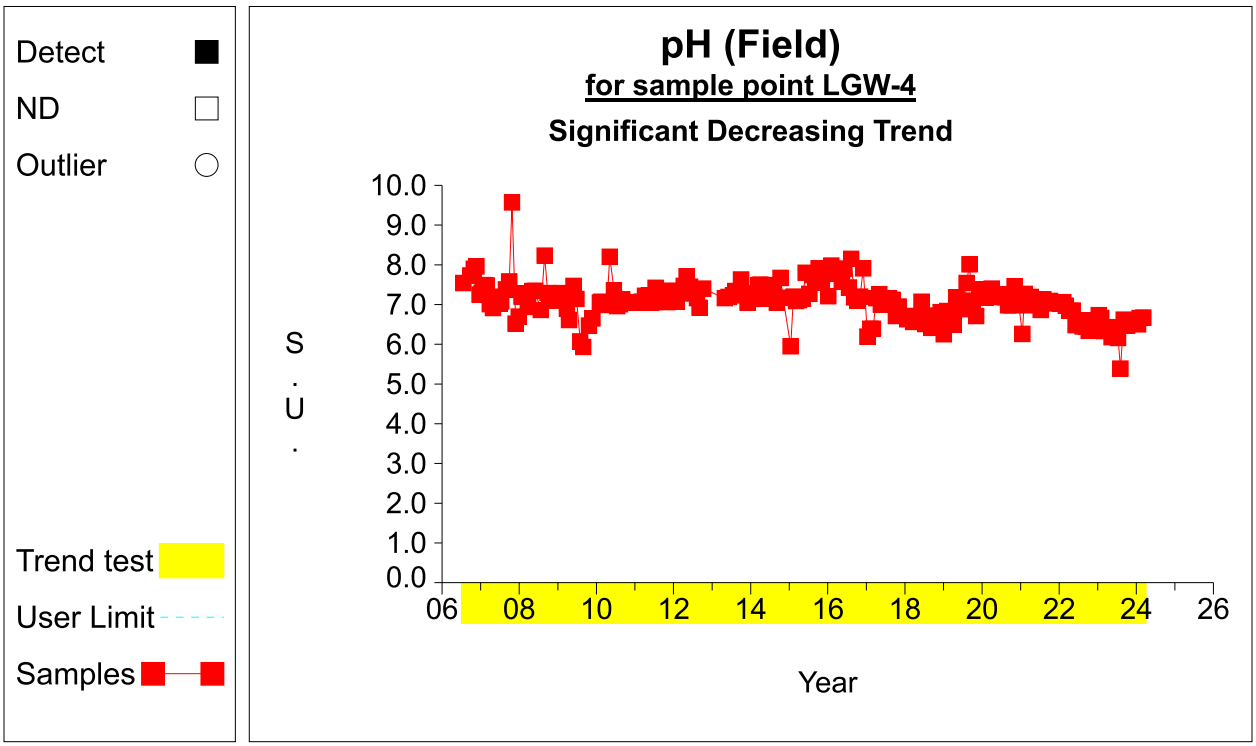

Detect
ND
Outlier
Trend test
User Limit
Samples
pH (Field)
for sample point LGW-14R
Significant Decreasing Trend
S.U.
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
06
08
10
12
14
16
18
20
22
24
26
Year

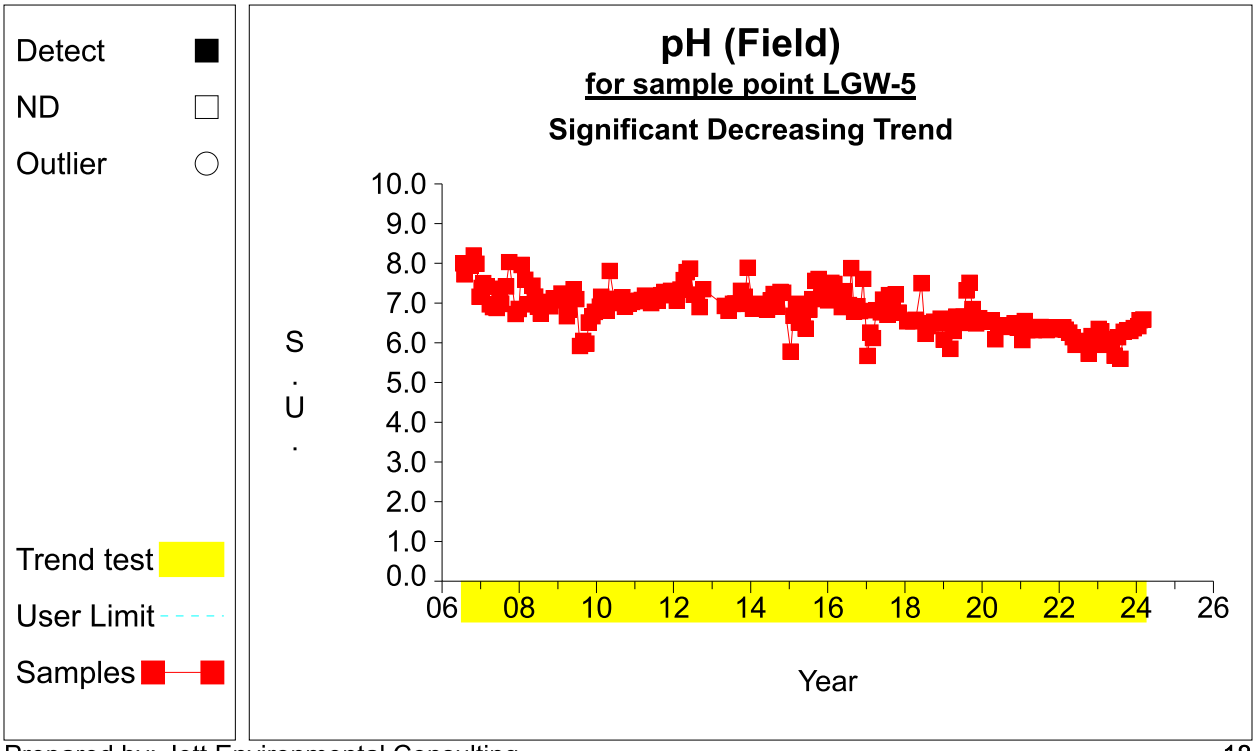
Time Series


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

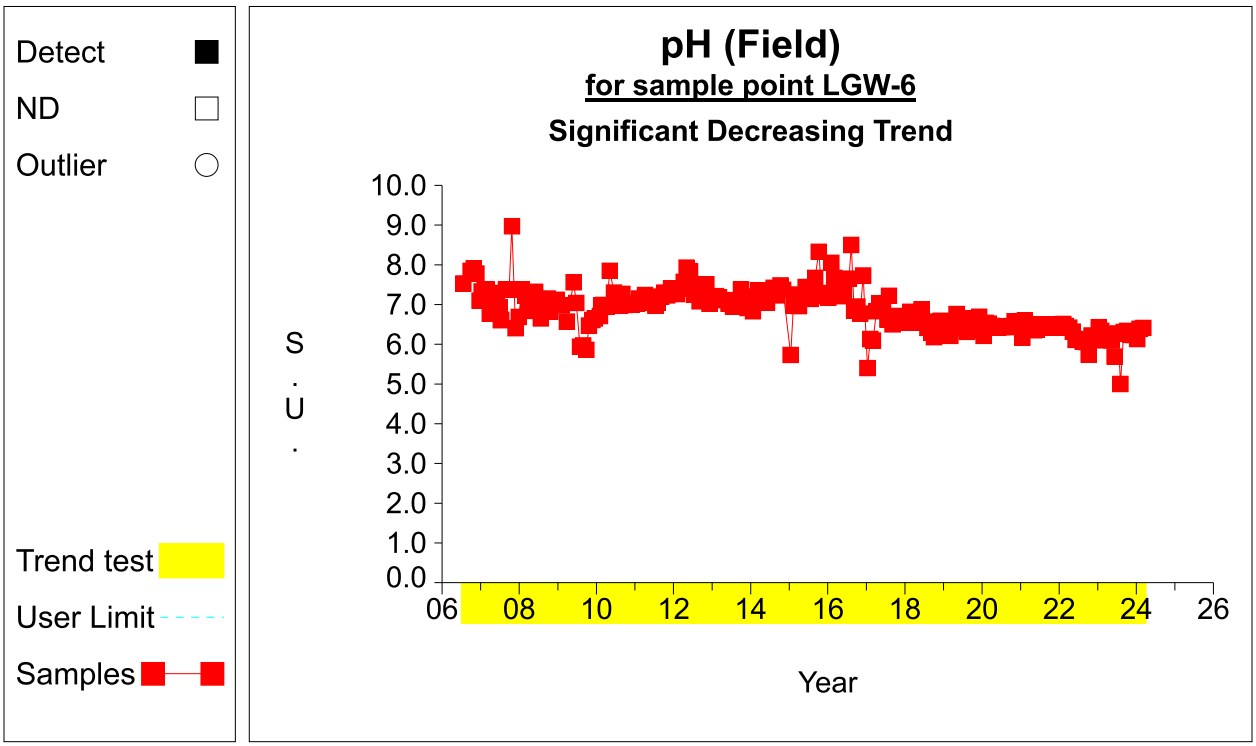

Detect
ND
Outlier
Trend test
User Limit
Samples
pH (Field)
for sample point LGW-3R
Significant Decreasing Trend
S.U.
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
06
08
10
12
14
16
18
20
22
24
26
Year

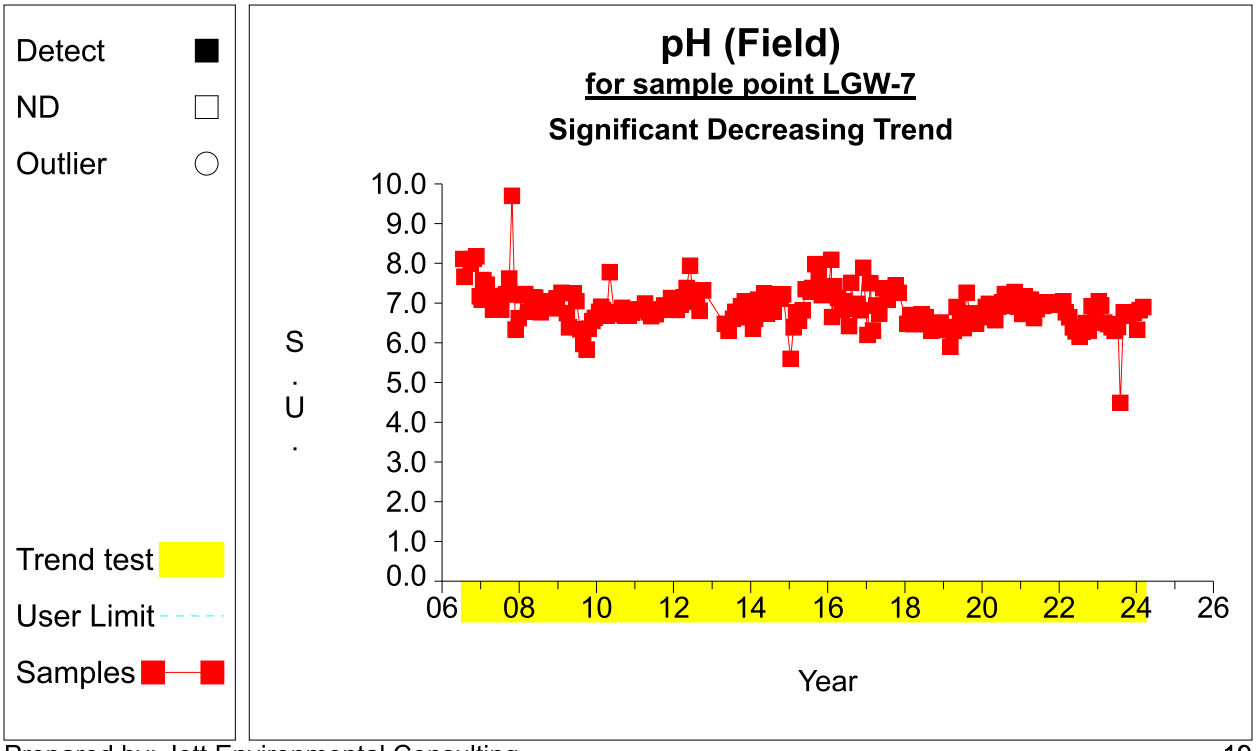
Time Series


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

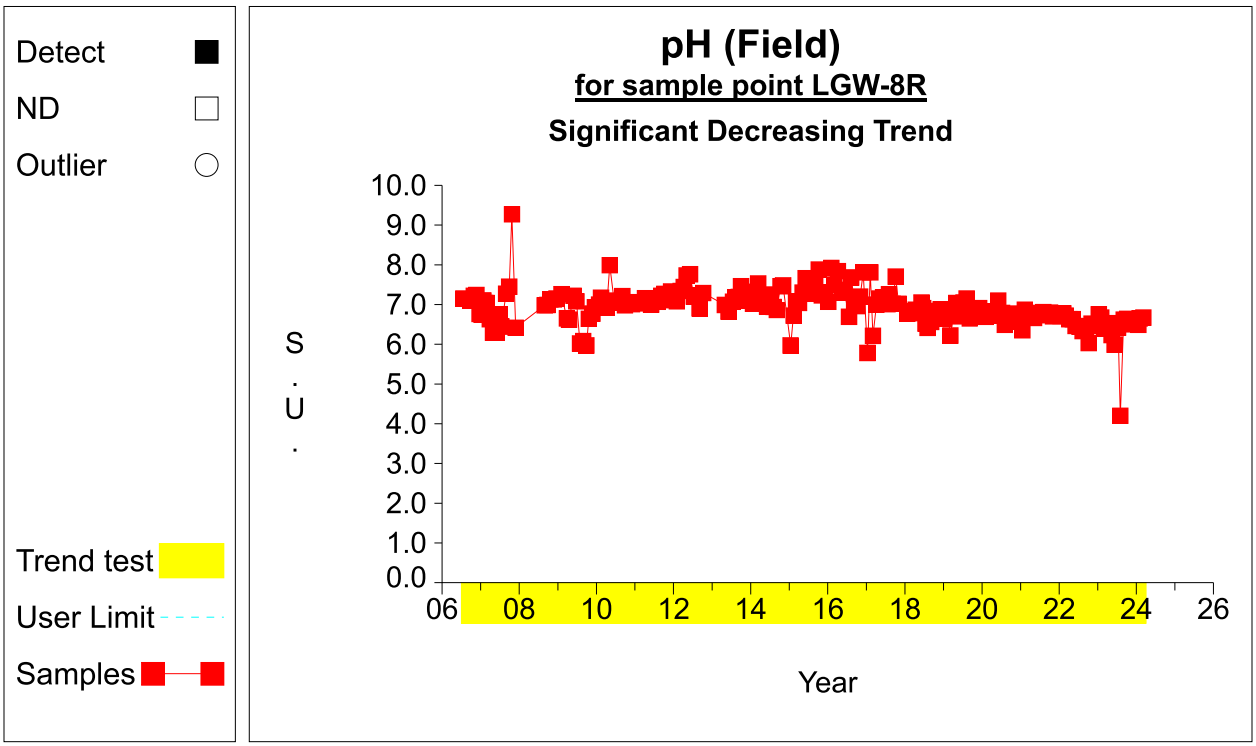

Detect
ND
Outlier
Trend test
User Limit
Samples
pH (Field)
for sample point LGW-5
Significant Decreasing Trend
S.U.
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
06
08
10
12
14
16
18
20
22
24
26
Year

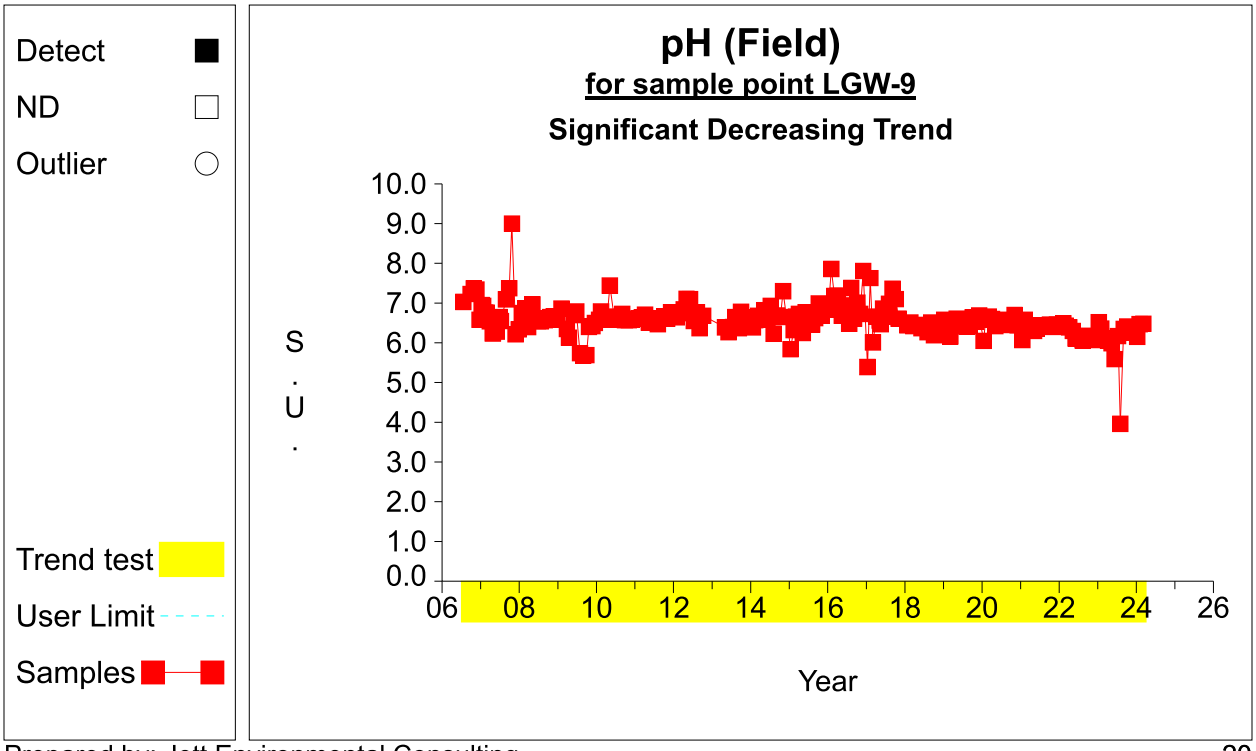
Time Series


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

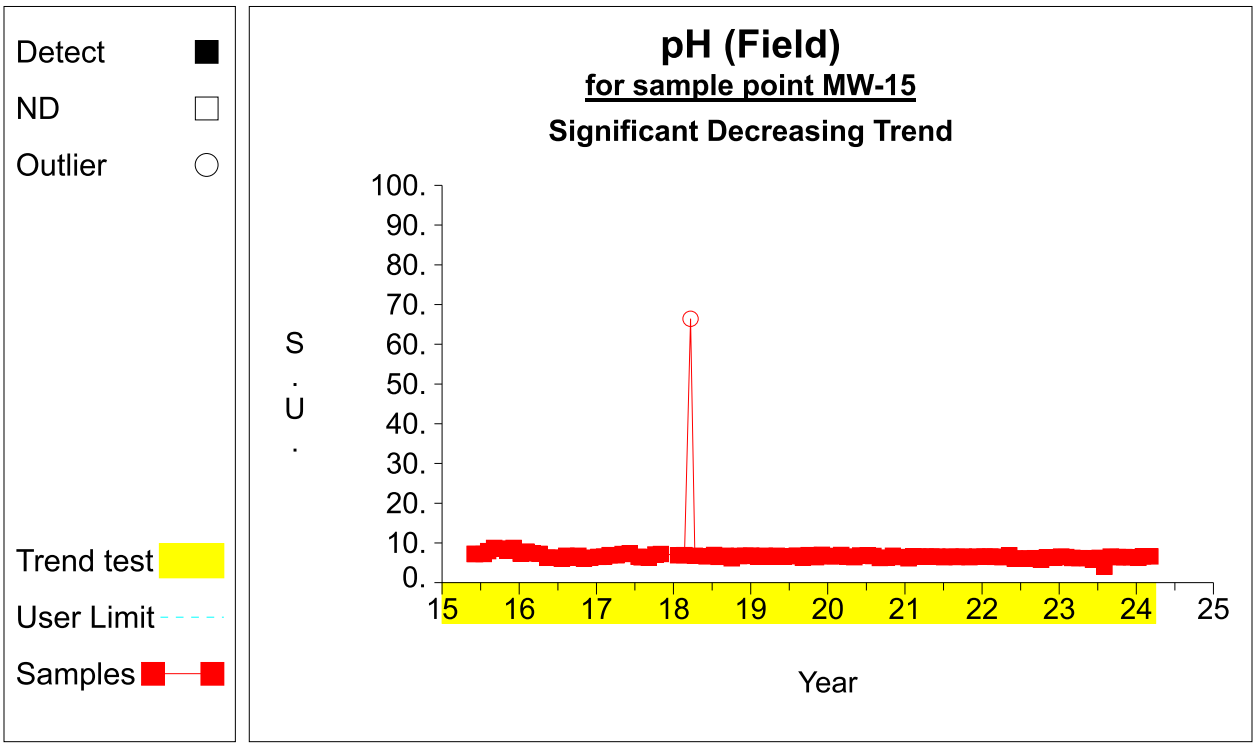

Detect
ND
Outlier
Trend test
User Limit
Samples
pH (Field)
for sample point LGW-7
Significant Decreasing Trend
S.U.
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
06
08
10
12
14
16
18
20
22
24
26
Year

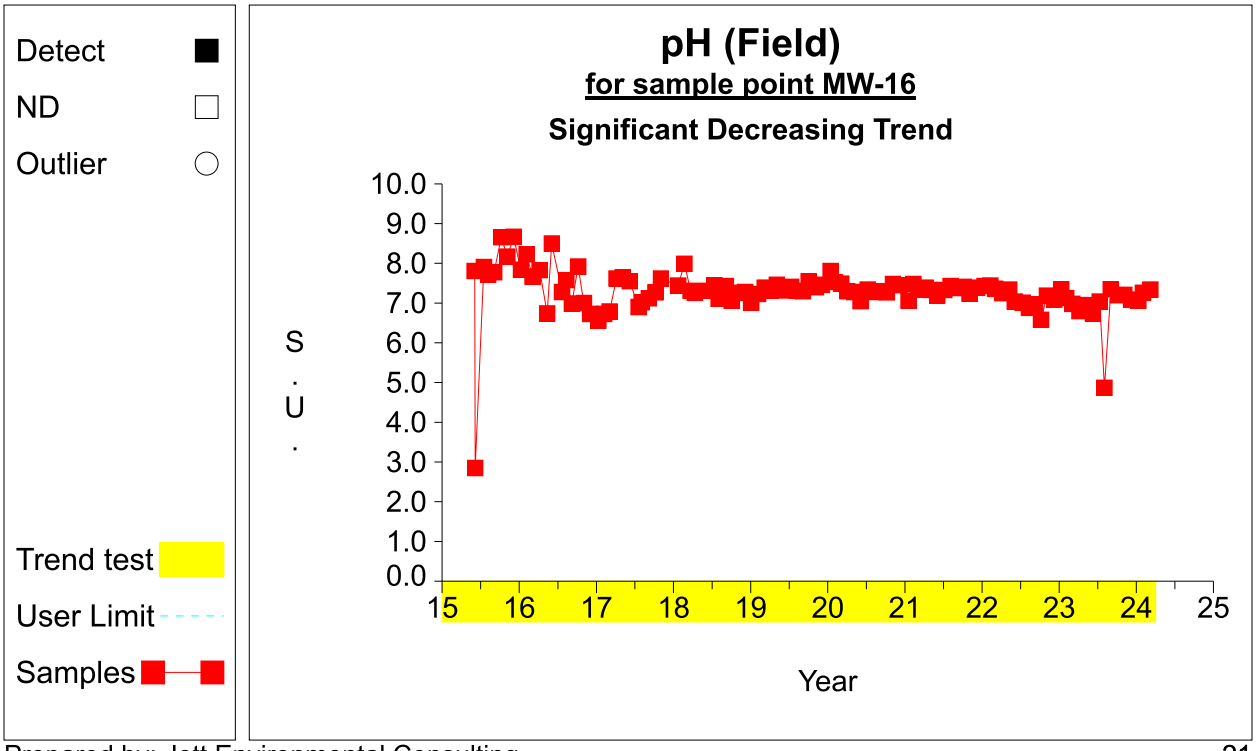
Time Series


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

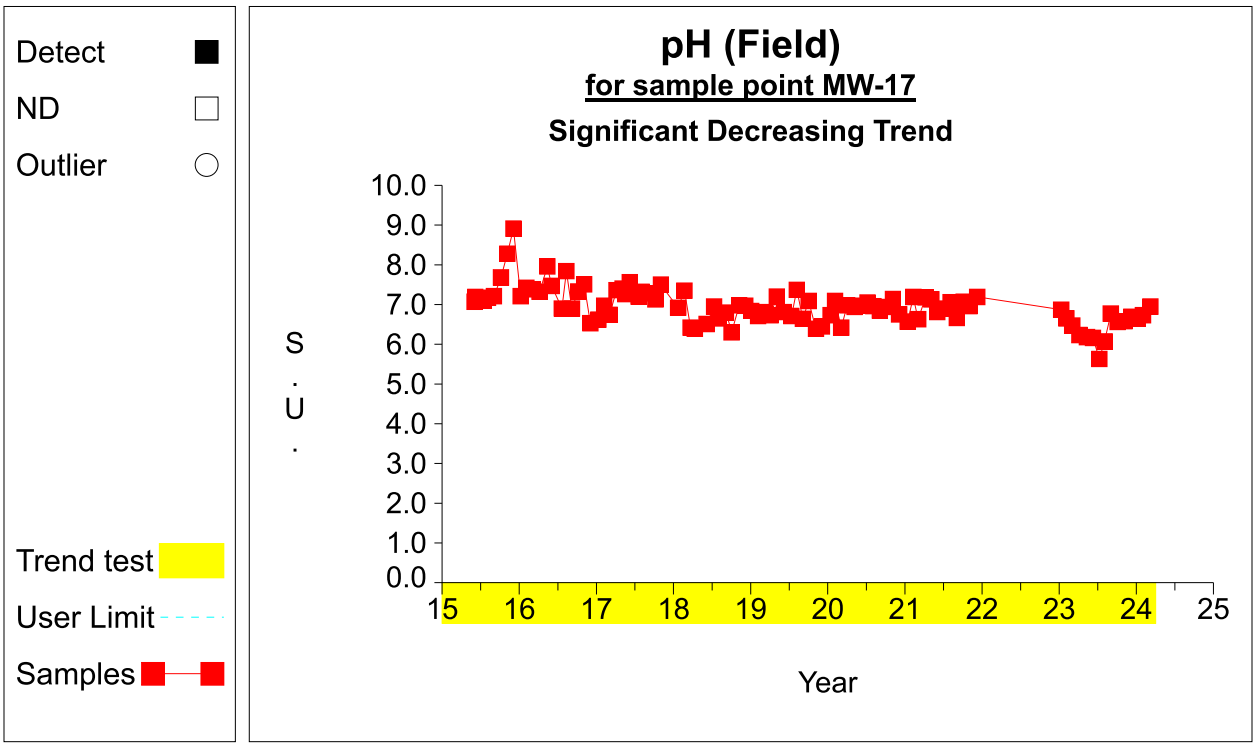

Detect
ND
Outlier
Trend test
User Limit
Samples
pH (Field)
for sample point LGW-9
Significant Decreasing Trend
S.U.
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
06
08
10
12
14
16
18
20
22
24
26
Year

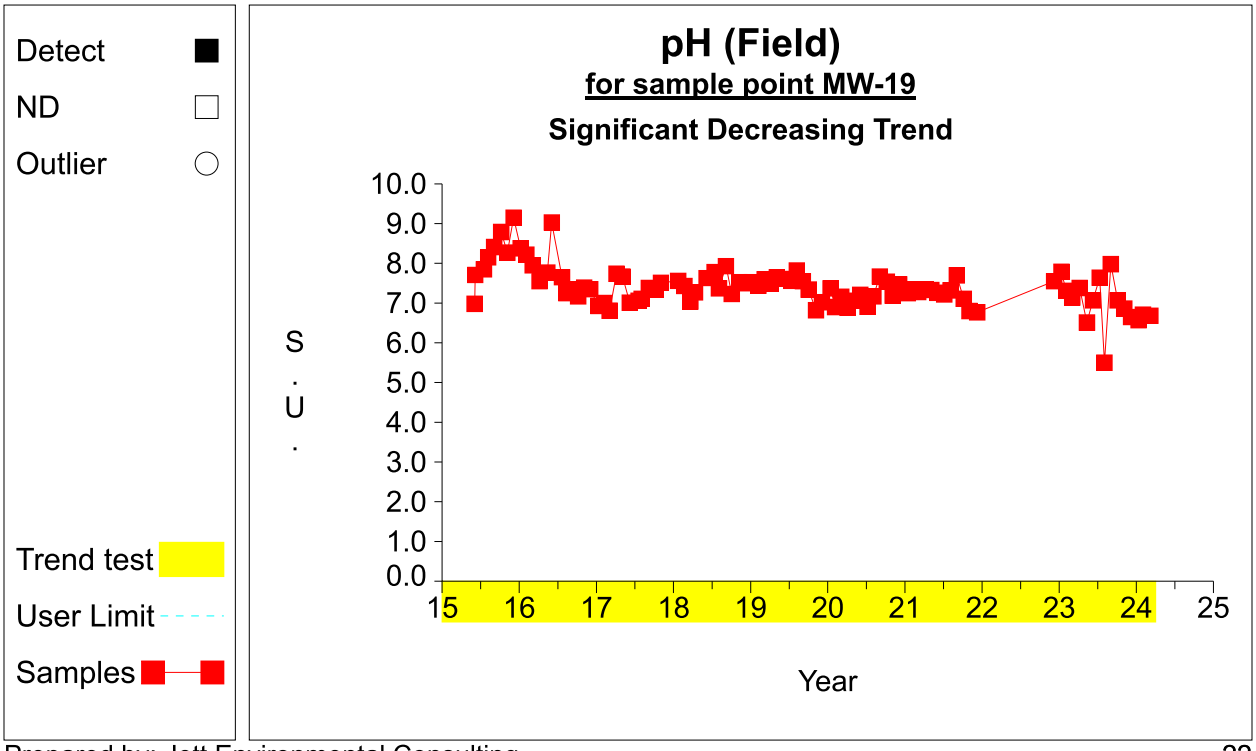
Time Series


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

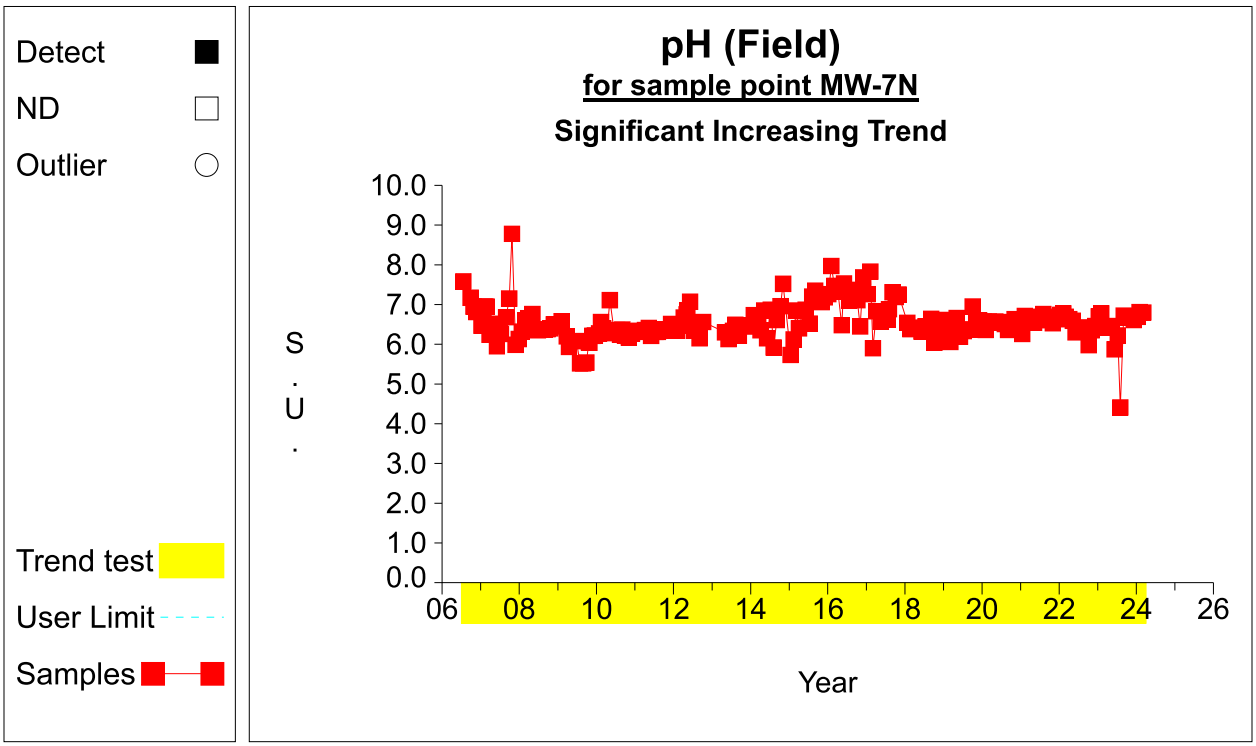

Detect
ND
Outlier
Trend test
User Limit
Samples
pH (Field)
for sample point MW-16
Significant Decreasing Trend
S.U.
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
15
16
17
18
19
20
21
22
23
24
25
Year

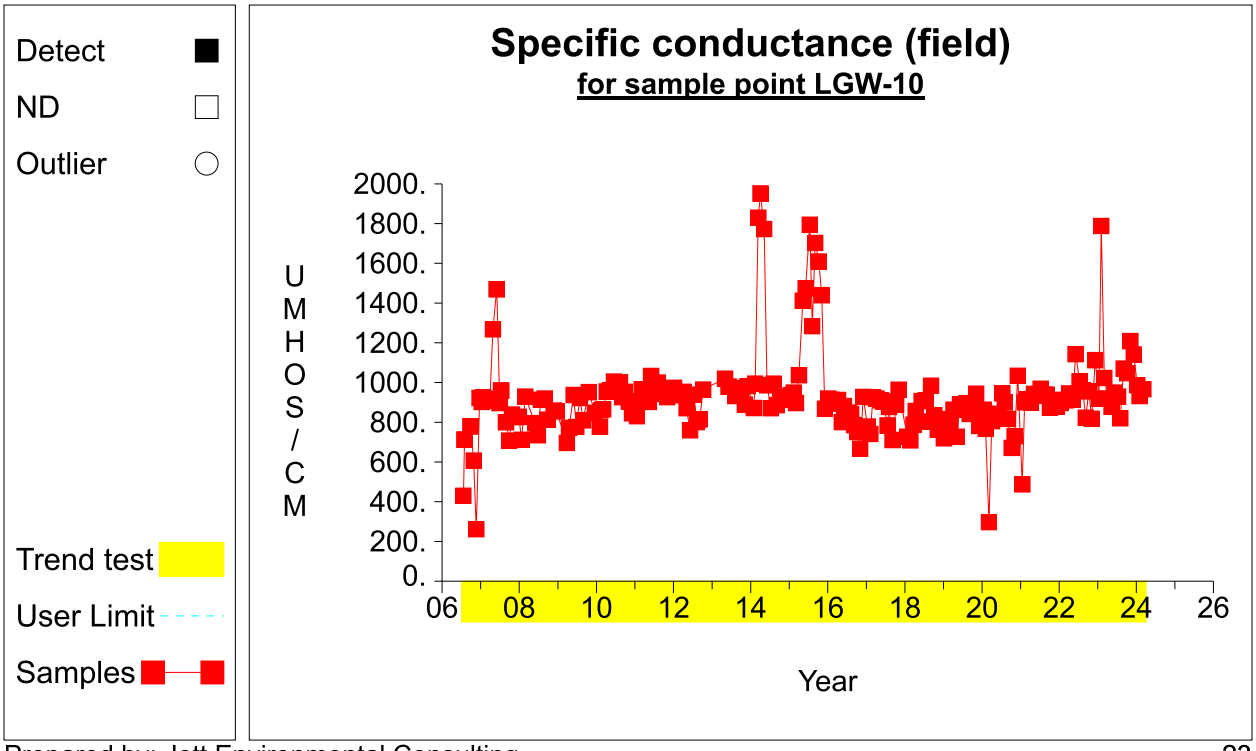
Time Series


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

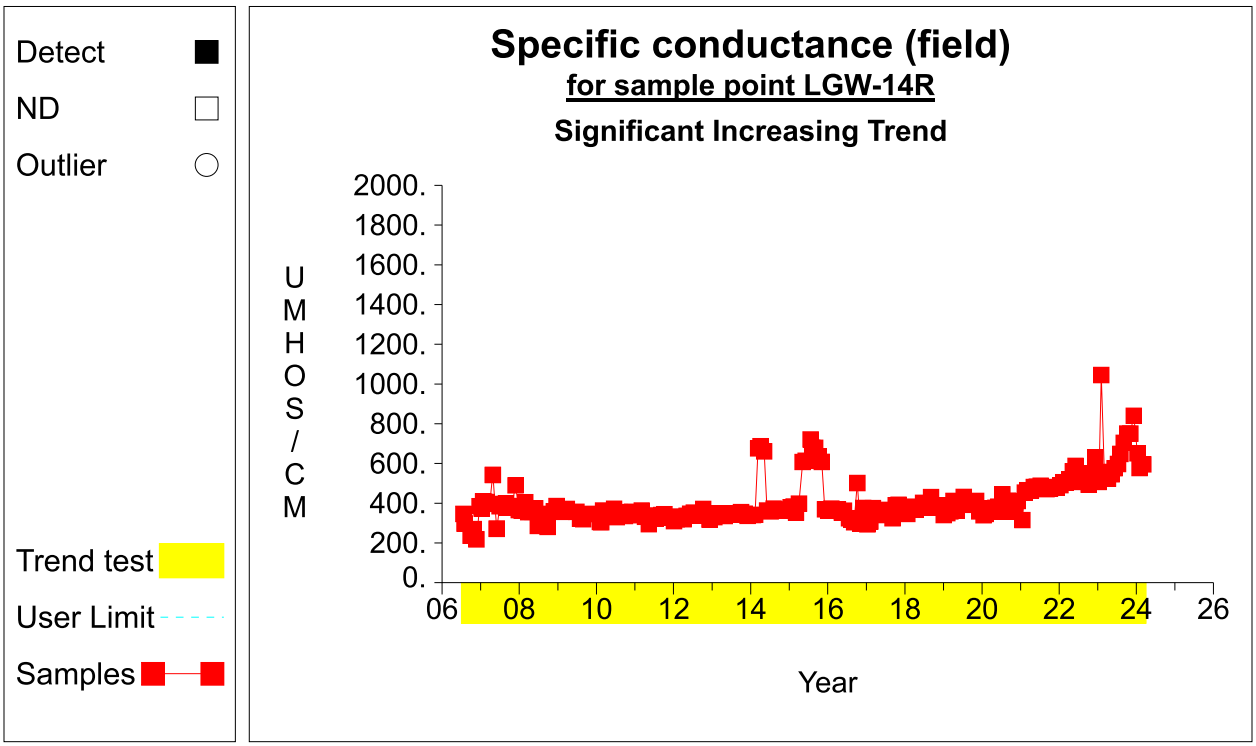

Detect
ND
Outlier
Trend test
User Limit
Samples
pH (Field)
for sample point MW-19
Significant Decreasing Trend
S.U.
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
15
16
17
18
19
20
21
22
23
24
25
Year

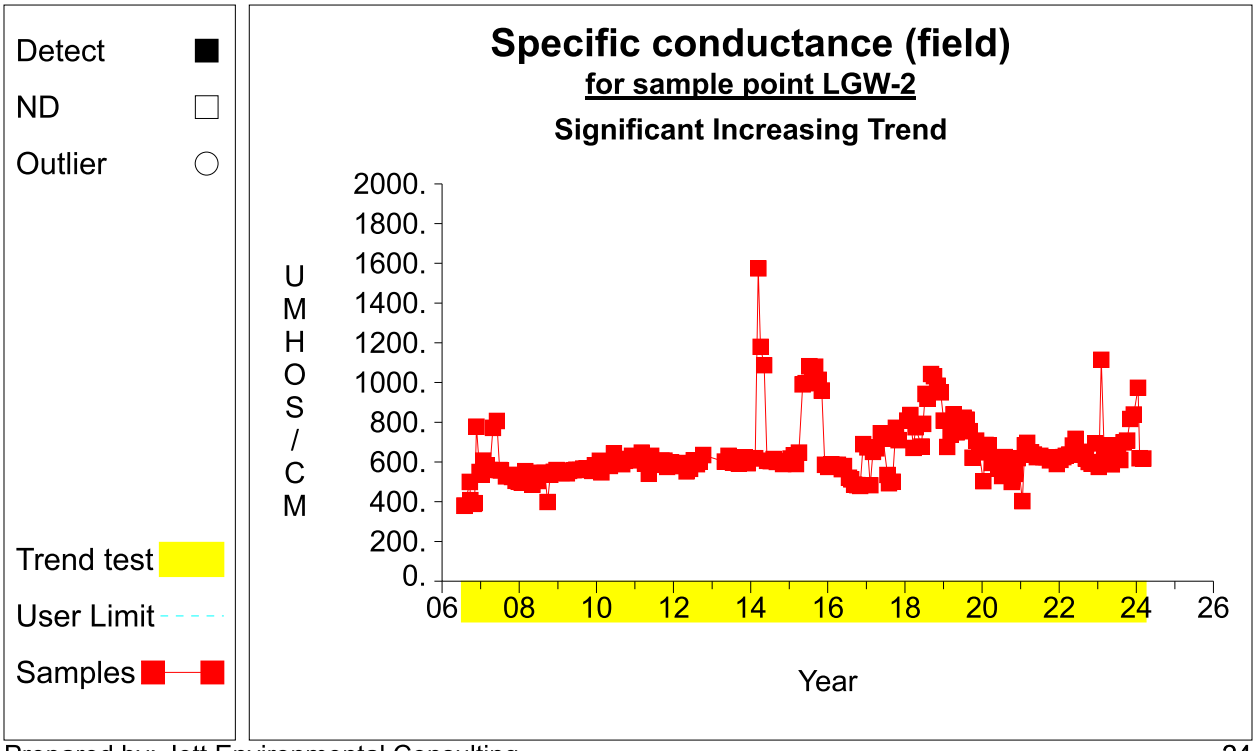
Time Series


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

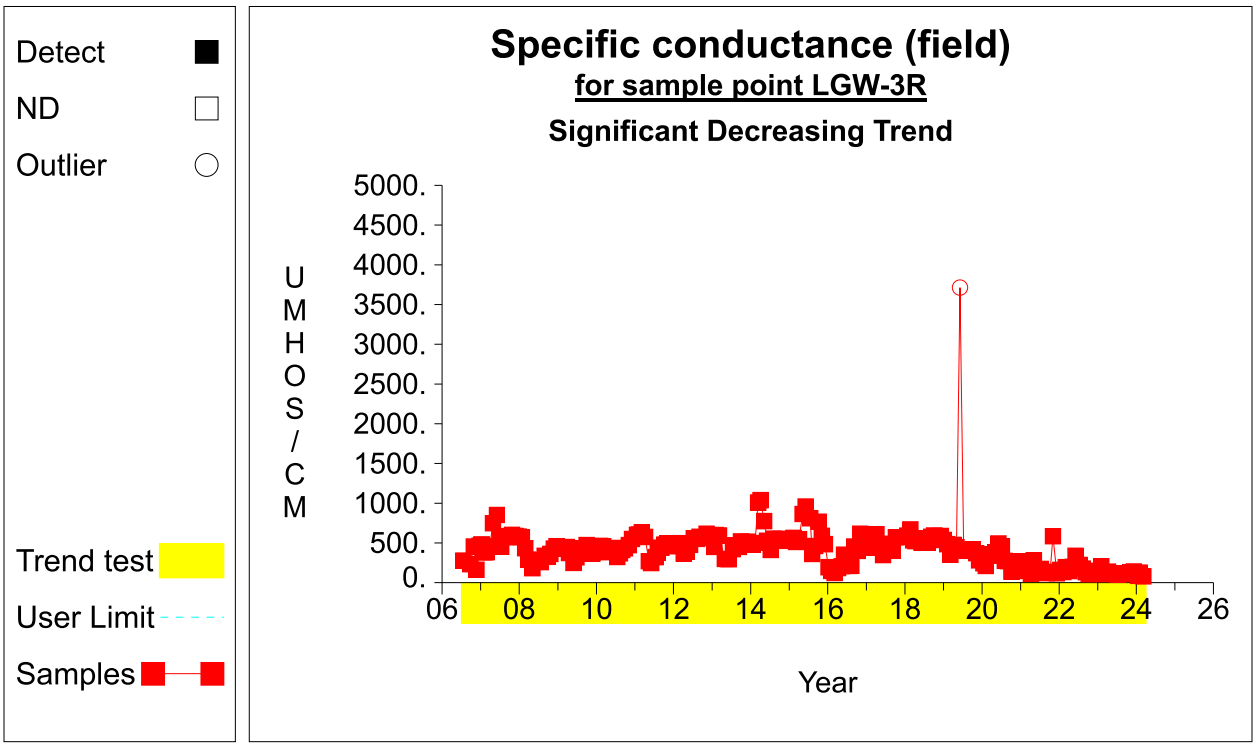

Detect
ND
Outlier
Trend test
User Limit
Samples
Specific conductance (field)
for sample point LGW-10
UMHOS/CM
2000.
1800.
1600.
1400.
1200.
1000.
800.
600.
400.
200.
0.
06
08
10
12
14
16
18
20
22
24
26
Year

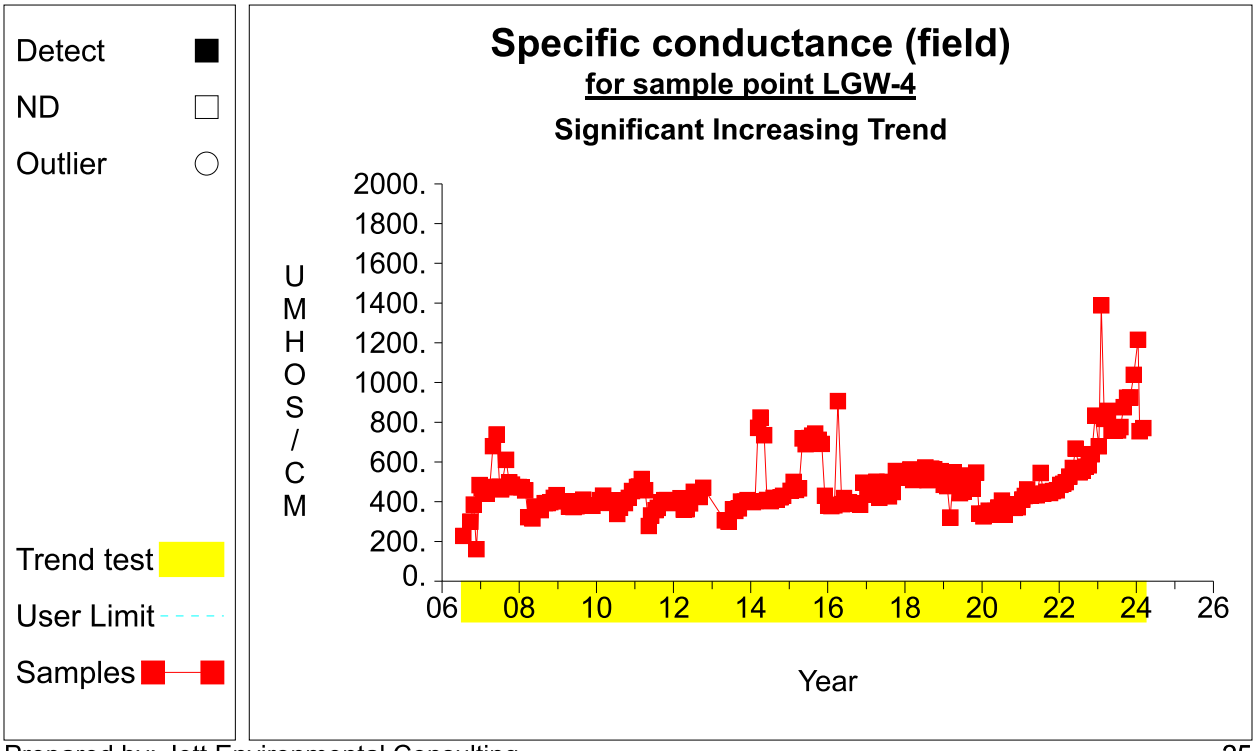
Time Series


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

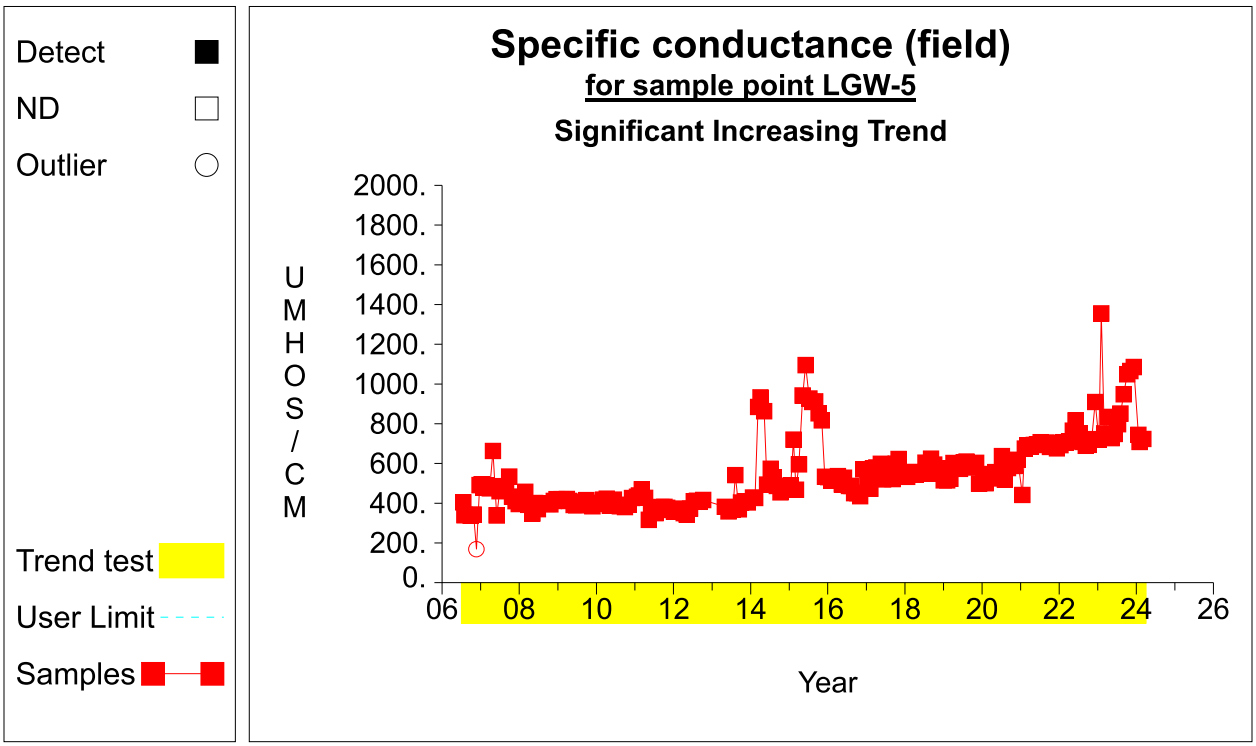

Detect
ND
Outlier
Trend test
User Limit
Samples
Specific conductance (field)
for sample point LGW-2
Significant Increasing Trend
UMHOS/CM
2000.
1800.
1600.
1400.
1200.
1000.
800.
600.
400.
200.
0.
06
08
10
12
14
16
18
20
22
24
26
Year

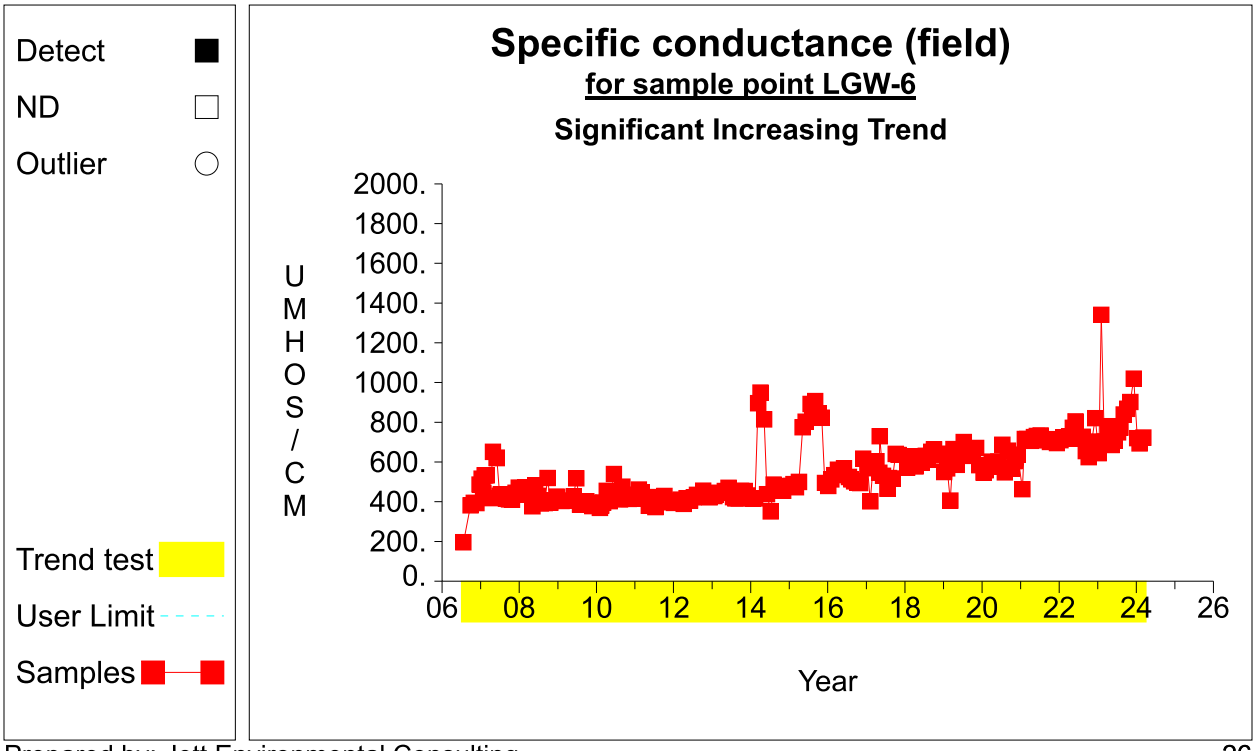
Time Series


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

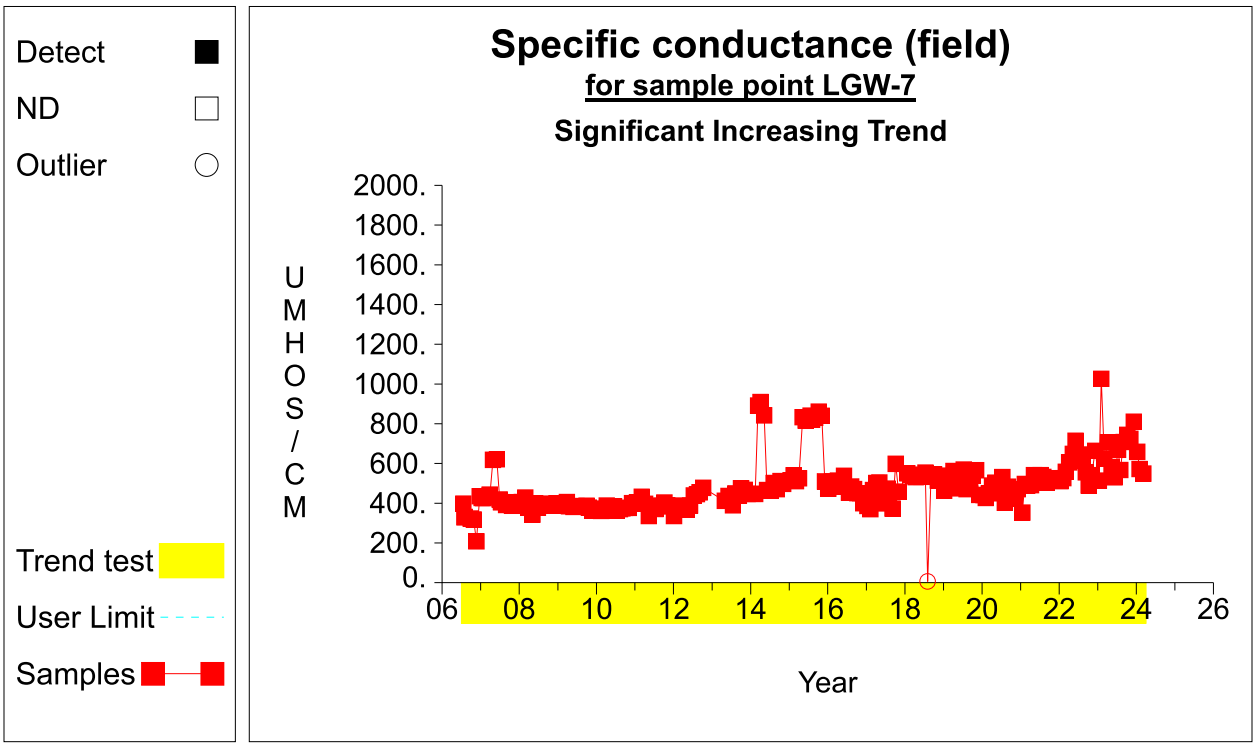

Detect
ND
Outlier
Trend test
User Limit
Samples
Specific conductance (field)
for sample point LGW-4
Significant Increasing Trend
UMHOS/CM
2000.
1800.
1600.
1400.
1200.
1000.
800.
600.
400.
200.
0.
06
08
10
12
14
16
18
20
22
24
26
Year

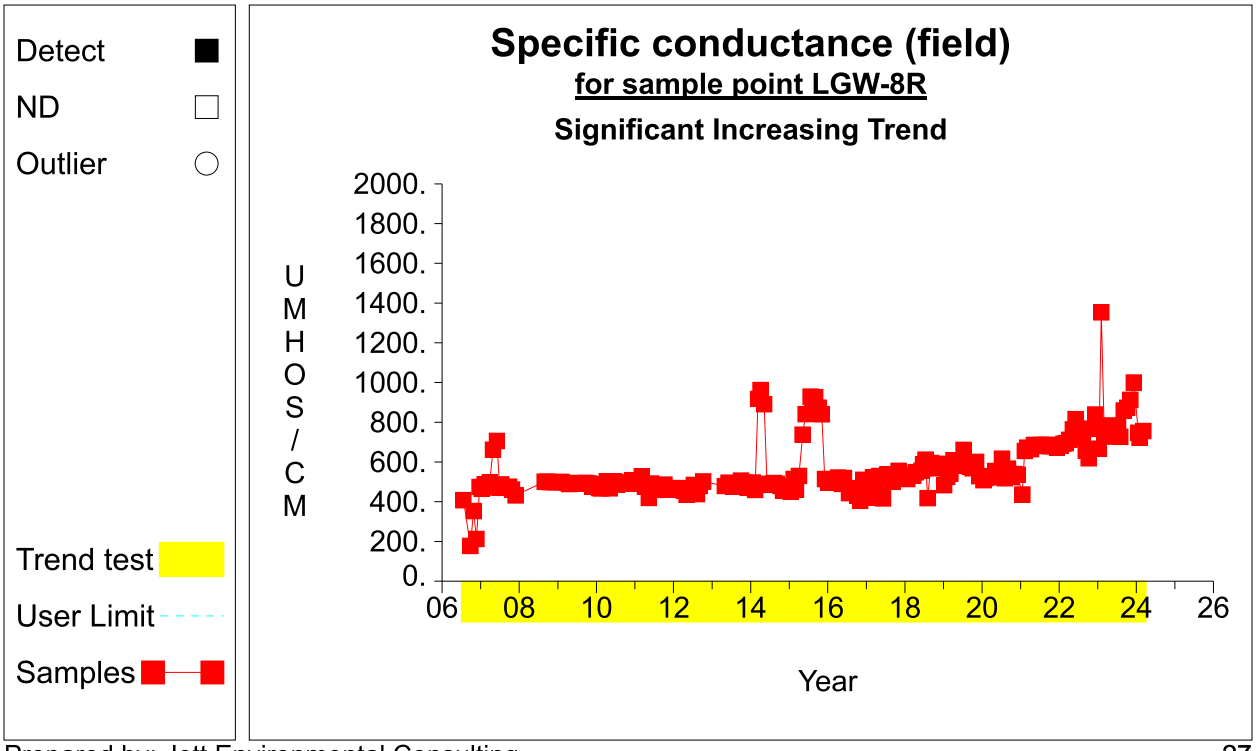
Time Series


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

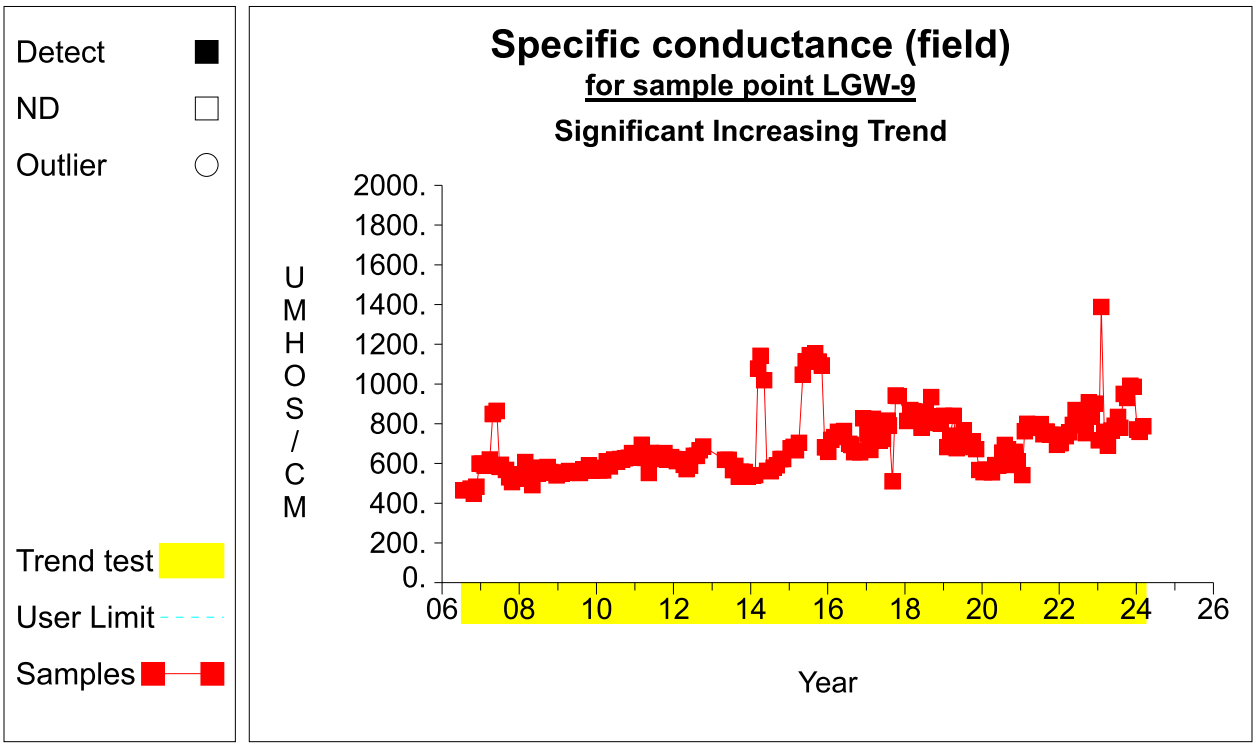

Detect
ND
Outlier
Trend test
User Limit
Samples
Specific conductance (field)
for sample point LGW-6
Significant Increasing Trend
UMHOS/CM
2000.
1800.
1600.
1400.
1200.
1000.
800.
600.
400.
200.
0.
06
08
10
12
14
16
18
20
22
24
26
Year

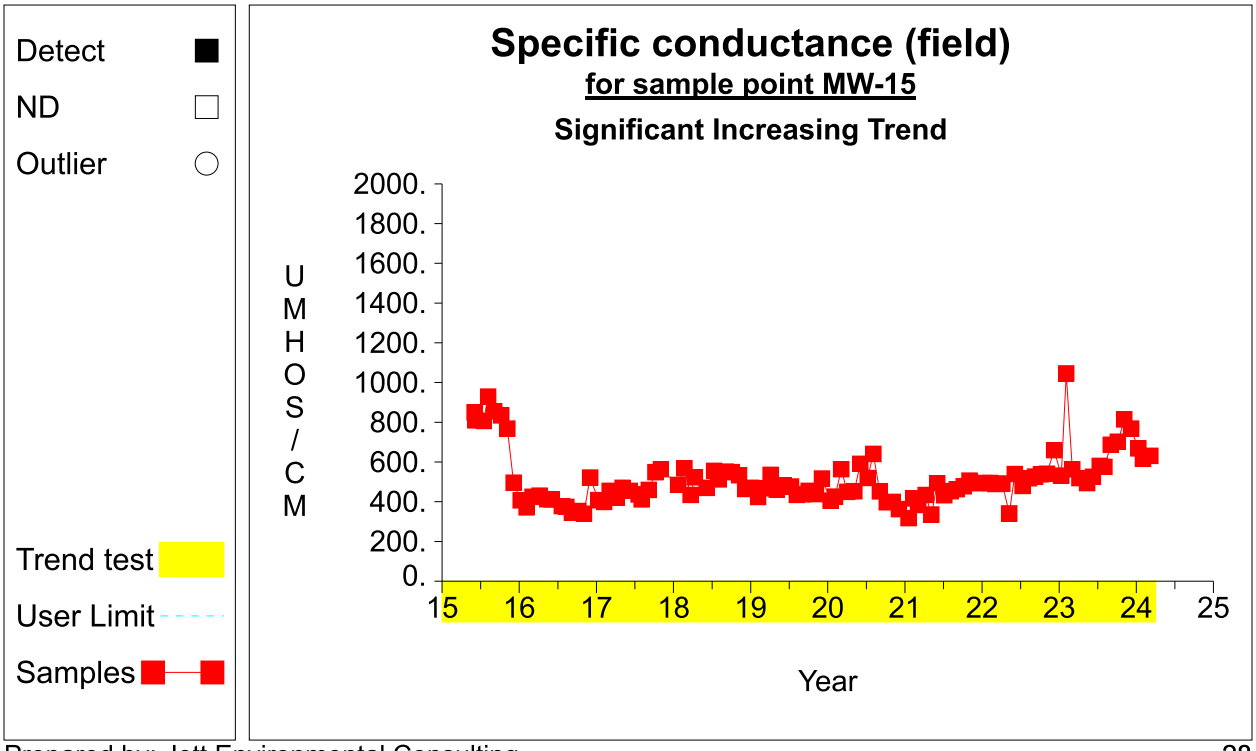
Time Series


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

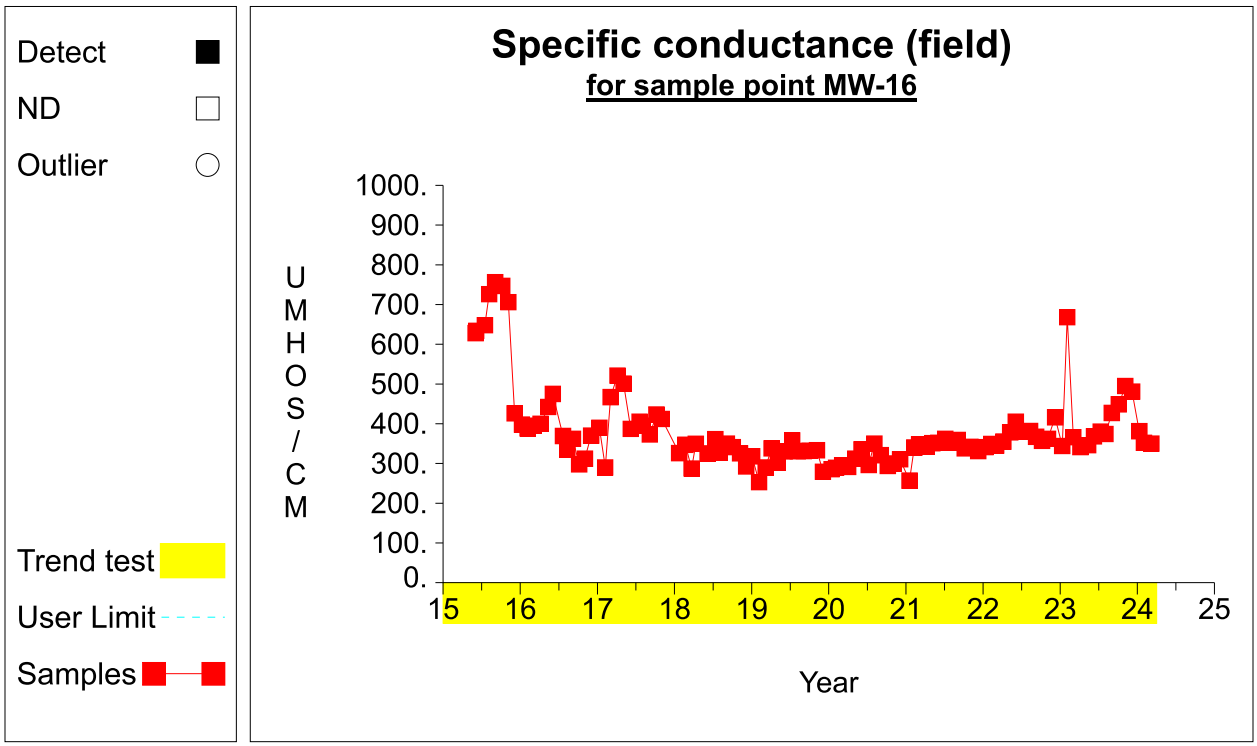

Detect
ND
Outlier
Trend test
User Limit
Samples
Specific conductance (field)
for sample point LGW-8R
Significant Increasing Trend
UMHOS/CM
2000.
1800.
1600.
1400.
1200.
1000.
800.
600.
400.
200.
0.
06
08
10
12
14
16
18
20
22
24
26
Year

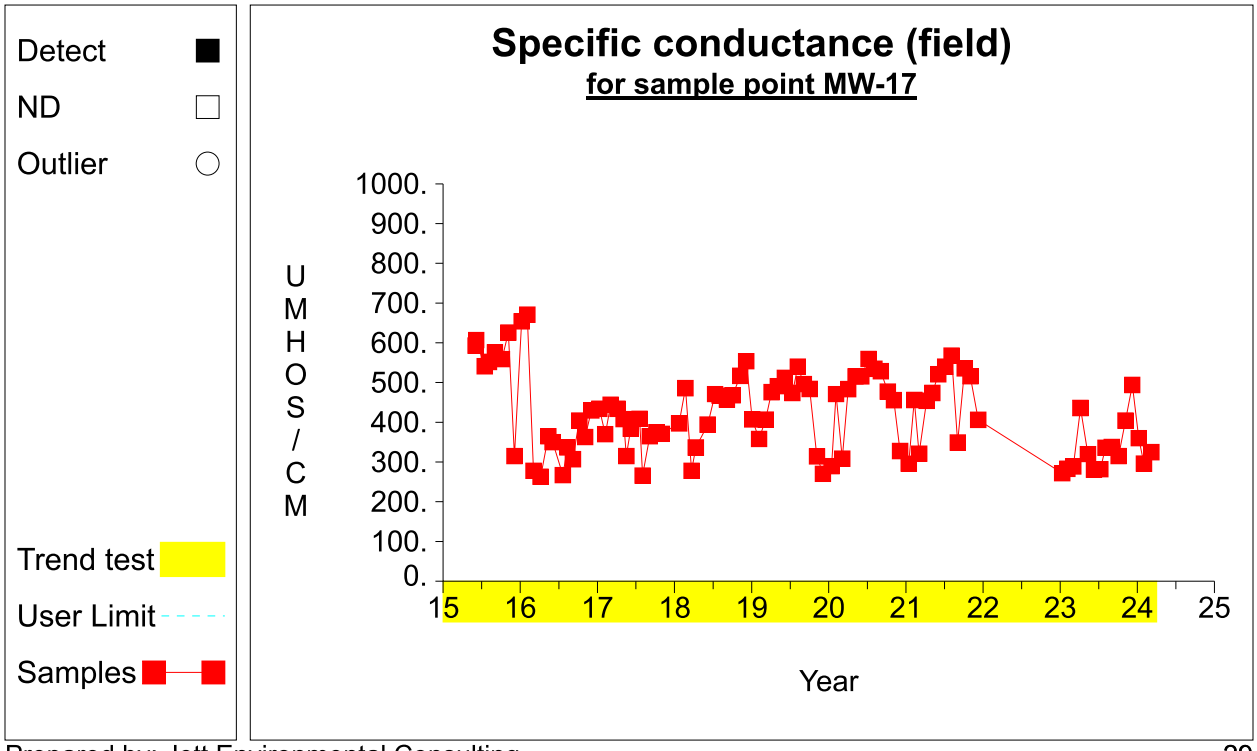
Time Series


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

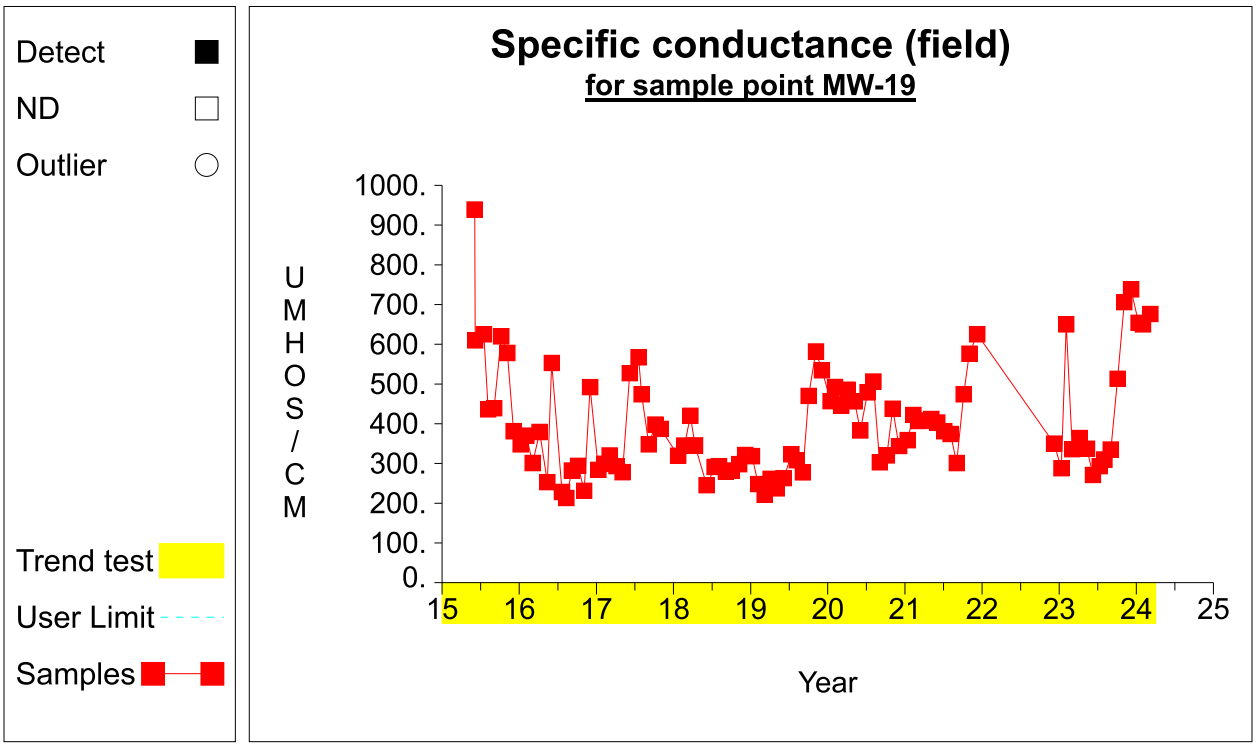

Detect
ND
Outlier
Trend test
User Limit
Samples
Specific conductance (field)
for sample point MW-15
Significant Increasing Trend
UMHOS/CM
2000.
1800.
1600.
1400.
1200.
1000.
800.
600.
400.
200.
0.
15
16
17
18
19
20
21
22
23
24
25
Year

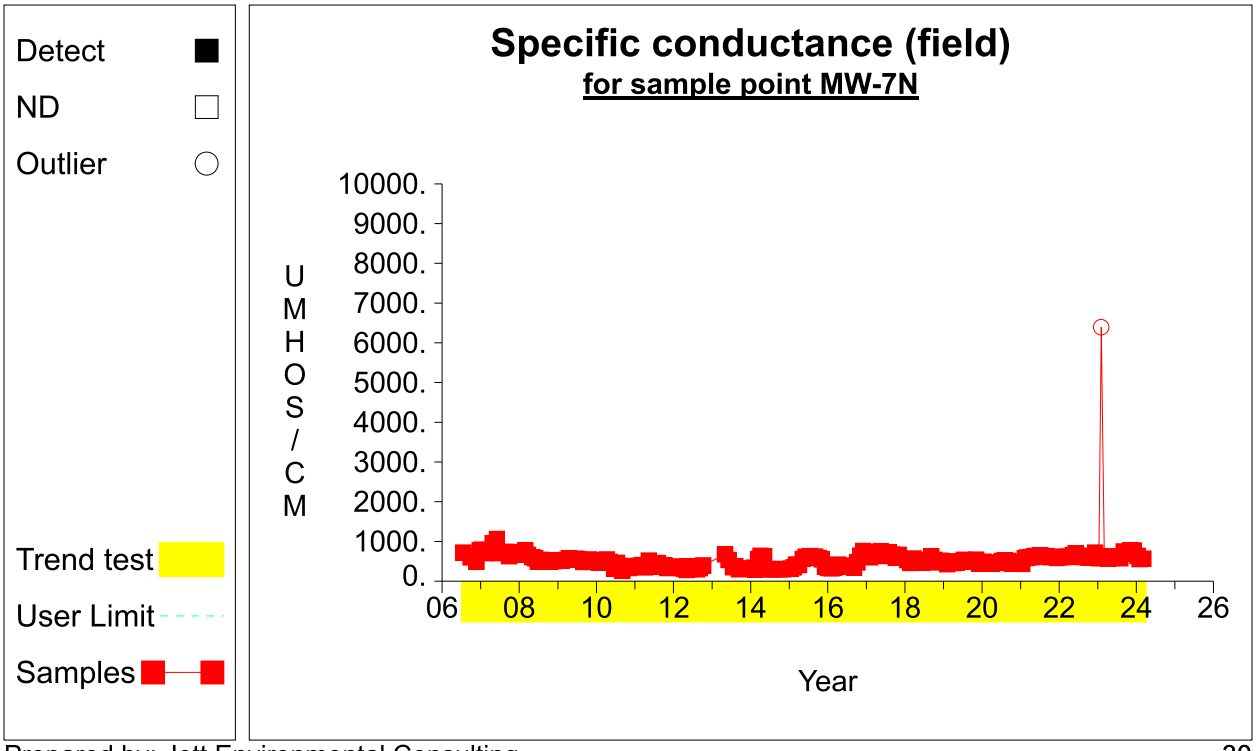
Time Series


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
3/1/2024	Fri	20.9	140803	732	34.2	0	21.9	0	0.00	0.00		
3/2/2024	Sat	20.9	141535	732	34.2	0	21.9	0	0.00			
3/3/2024	Sun	20.9	142267	734	34.2	0	21.9	0	0.00			
3/4/2024	Mon	26.9	143001	1,001	34.4	0	21.9	0	0.00	0.00		
3/5/2024	Tue	18.6	144002	553	34.3	0	21.9	0	0.00			
3/6/2024	Wed	24.3	144555	1,366	34.3	0	21.9	0	0.00			
3/7/2024	Thu	29.6	145921	0	34.4	0	21.9	0	0.00	0.00		
3/8/2024	Fri	30.1	145921	528	34.5	0	21.9	0	0.00			
3/9/2024	Sat	30.1	146449	528	34.5	0	21.9	0	0.00			
3/10/2024	Sun	30.1	146977	528	34.5	0	21.9	0	0.00	0.00		
3/11/2024	Mon	27.4	147505	771	34.9	0	21.9	0	0.00			
3/12/2024	Tue	29.4	148276	1,056	34.9	0	21.9	0	0.00			
3/13/2024	Wed	28.5	149332	816	34.8	0	21.9	0	0.00	0.00		
3/14/2024	Thu	29.6	150148	860	35.0	0	21.9	0	0.00		0.00	
3/15/2024	Fri	29.1	151008	372	35.0	0	21.9	0	0.00			
3/16/2024	Sat	29.1	151380	372	35.0	0	21.9	0	0.00	0.00		
3/17/2024	Sun	29.1	151752	373	35.0	0	21.9	0	0.00			
3/18/2024	Mon	29.2	152125	499	35.3	0	21.9	0	0.00			
3/19/2024	Tue	28.4	152624	792	35.4	0	21.9	0	0.00	0.00		
3/20/2024	Wed	29.6	153416	684	35.3	0	21.9	0	0.00			
3/21/2024	Thu	29.7	154100	815	35.1	0	21.9	0	0.00			
3/22/2024	Fri	29.5	154915	758	35.0	0	21.9	0	0.00	0.00		
3/23/2024	Sat	29.5	155673	758	35.0	0	21.9	0	0.00			
3/24/2024	Sun	29.5	156431	758	35.0	0	21.9	0	0.00			
3/25/2024	Mon	28.4	157189	1,360	34.9	0	21.9	0	0.00	0.00		
3/26/2024	Tue	26.4	158549	0	35.0	0	21.9	0	0.00			
3/27/2024	Wed	27	158549	482	35.0	0	21.9	0	0.00			
3/28/2024	Thu	28.2	159031	1,302	35.1	0	21.9	0	0.00	0.00	0.00	
3/29/2024	Fri	26.9	160333	978	35.0	0	21.9	0	0.00			
3/30/2024	Sat	26.9	161311	978	35.0	0	21.9	0	0.00			
3/31/2024	Sun	26.9	162289	980	35.0	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
3/1/2024	Fri	30.1	31354	0	32.1	11,159	20.9	0	0.00			
3/2/2024	Sat	30.1	31354	0	32.1	11,159	20.9	0	0.00			
3/3/2024	Sun	30.1	31354	0	32.1	11,159	20.9	0	0.00	0.00		
3/4/2024	Mon	29.8	31354	0	32.2	11,159	20.9	0	0.00		0.00	
3/5/2024	Tue	30.1	31354	0	31.9	11,159	20.9	0	0.00			
3/6/2024	Wed	29.1	31354	0	31.9	11,159	20.9	0	0.00	0.00		
3/7/2024	Thu	29.3	31354	0	32.0	11,159	20.9	0	0.00			
3/8/2024	Fri	29.3	31354	0	31.9	11,159	20.9	0	0.00			
3/9/2024	Sat	29.3	31354	0	31.9	11,159	20.9	0	0.00	0.00		
3/10/2024	Sun	29.3	31354	0	31.9	11,159	20.9	0	0.00			
3/11/2024	Mon	29.5	31354	0	31.6	11,159	20.9	0	0.00			
3/12/2024	Tue	29.4	31354	0	31.7	11,159	20.9	0	0.00	0.00		
3/13/2024	Wed	29.5	31354	0	31.7	11,159	20.9	0	0.00			
3/14/2024	Thu	29.5	31354	0	31.6	11,159	20.9	0	0.00			
3/15/2024	Fri	29.3	31354	0	31.6	11,159	20.9	0	0.00	0.00		
3/16/2024	Sat	29.3	31354	0	31.6	11,159	20.9	0	0.00			
3/17/2024	Sun	29.3	31354	358	31.6	11,159	20.9	0	0.00			
3/18/2024	Mon	19.6	31712	0	31.4	11,159	20.9	0	0.00	0.00	0.00	
3/19/2024	Tue	20.1	31712	0	31.5	11,159	20.9	0	0.00			
3/20/2024	Wed	20.1	31712	0	31.4	11,159	20.9	0	0.00			
3/21/2024	Thu	21.3	31712	0	31.3	11,159	20.9	0	0.00	0.00		
3/22/2024	Fri	21.4	31712	0	31.3	11,159	20.9	0	0.00			
3/23/2024	Sat	21.4	31712	0	31.3	11,159	20.9	0	0.00			
3/24/2024	Sun	21.4	31712	0	31.3	11,159	20.9	0	0.00	0.00		
3/25/2024	Mon	21.8	31712	0	31.0	11,159	20.9	0	0.00			
3/26/2024	Tue	21.9	31712	0	31.1	11,159	20.9	0	0.00			
3/27/2024	Wed	22.1	31712	0	31.1	11,159	20.9	0	0.00	0.00		
3/28/2024	Thu	22.8	31712	0	31.3	11,159	20.9	0	0.00			
3/29/2024	Fri	23.3	31712	135	31.4	11,159	20.9	0	0.00			
3/30/2024	Sat	23.3	31847	135	31.4	11,159	20.9	0	0.00	0.00		
3/31/2024	Sun	23.3	31982	137	31.4	11,159	20.9	0	0.00			

		CELL 3 LCS			CELL 3 LDS					150	60	
Date	Day of Week	Liquid Level (inches)	Flow meter reading (gallons)	Gallons Removed	Sump Liquid Level (inches)	Flow meter reading (gallons)	Tank Liquid Level (inches)	LDS Daily Pump (gal)	LDS Flow Rate Avg. (gal/acre)	LDS Flow Rate 3-Day Avg. (gal/acre/day)	LDS Flow Rate 14-Day Avg. (gal/acre/day)	Comments
3/1/2024	Fri	29.9	238680	856	29.0	44	33.7	0	0.00			
3/2/2024	Sat	29.9	239536	856	29.0	44	33.7	0	0.00	0.00		
3/3/2024	Sun	29.9	240392	857	29.0	44	33.7	0	0.00			
3/4/2024	Mon	24.7	241249	0	28.8	44	33.7	0	0.00			
3/5/2024	Tue	28.9	241249	2,784	28.8	44	33.7	0	0.00	0.00		
3/6/2024	Wed	20.3	244033	0	28.8	44	33.7	0	0.00			
3/7/2024	Thu	27.7	244033	2,273	28.8	44	33.7	0	0.00		0.00	
3/8/2024	Fri	18.9	246306	0	28.8	44	33.7	0	0.00	0.00		
3/9/2024	Sat	18.9	246306	0	28.8	44	33.7	0	0.00			
3/10/2024	Sun	18.9	246306	0	28.8	44	33.7	0	0.00			
3/11/2024	Mon	29.1	246306	0	28.8	44	33.7	0	0.00	0.00		
3/12/2024	Tue	29.9	246306	0	28.8	44	33.7	0	0.00			
3/13/2024	Wed	30.1	246306	2,906	28.8	44	33.7	0	0.00			
3/14/2024	Thu	24.9	249212	0	28.8	44	33.7	0	0.00	0.00		
3/15/2024	Fri	25.4	249212	901	28.6	44	33.7	0	0.00			
3/16/2024	Sat	25.4	250113	901	28.6	44	33.7	0	0.00			
3/17/2024	Sun	25.4	251014	902	28.6	44	33.7	0	0.00	0.00		
3/18/2024	Mon	28.4	251916	0	28.4	44	33.7	0	0.00			
3/19/2024	Tue	28.7	251916	0	28.3	44	33.7	0	0.00			
3/20/2024	Wed	28.9	251916	2,536	28.4	44	33.7	0	0.00	0.00		
3/21/2024	Thu	24.7	254452	0	28.3	44	33.7	0	0.00		0.00	
3/22/2024	Fri	25.1	254452	0	28.2	44	33.7	0	0.00			
3/23/2024	Sat	25.1	254452	0	28.2	44	33.7	0	0.00	0.00		
3/24/2024	Sun	25.1	254452	0	28.2	44	33.7	0	0.00			
3/25/2024	Mon	29.1	254452	0	27.7	44	33.7	0	0.00			
3/26/2024	Tue	28.4	254452	5,041	27.7	44	33.7	0	0.00	0.00		
3/27/2024	Wed	22.6	259493	0	27.7	44	33.7	0	0.00			
3/28/2024	Thu	23.4	259493	0	27.6	44	33.7	0	0.00			
3/29/2024	Fri	28.6	259493	1,220	27.7	44	33.7	0	0.00	0.00		
3/30/2024	Sat	28.6	260713	1,220	27.7	44	33.7	0	0.00			
3/31/2024	Sun	28.6	261933	1,221	27.7	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
3/1/2024	Fri	18.1	186115	1,713	28.3	8,901	20.3	0	0.00			
3/2/2024	Sat	18.1	187828	1,713	28.3	8,901	20.3	0	0.00			
3/3/2024	Sun	18.1	189541	1,713	28.3	8,901	20.3	0	0.00	0.00		
3/4/2024	Mon	18	191254	1,590	28.4	8,901	20.3	0	0.00			
3/5/2024	Tue	18.3	192844	1,993	28.3	8,901	20.3	0	0.00			
3/6/2024	Wed	18	194837	1,582	28.5	8,901	20.3	0	0.00	0.00		
3/7/2024	Thu	17.4	196419	1,685	28.5	8,901	20.3	0	0.00			
3/8/2024	Fri	18.6	198104	1,711	28.6	8,901	20.3	0	0.00			
3/9/2024	Sat	18.6	199815	1,711	28.6	8,901	20.3	0	0.00	0.00		
3/10/2024	Sun	18.6	201526	1,711	28.6	8,901	20.3	0	0.00			
3/11/2024	Mon	18	203237	1,835	28.9	8,901	20.3	0	0.00			
3/12/2024	Tue	18	205072	1,616	29.1	8,901	20.3	0	0.00	0.00		
3/13/2024	Wed	17.7	206688	1,898	29.2	8,901	20.3	0	0.00		0.00	
3/14/2024	Thu	18	208586	1,721	29.2	8,901	20.3	0	0.00			
3/15/2024	Fri	18.3	210307	1,551	29.3	8,901	20.3	0	0.00	0.00		
3/16/2024	Sat	18.3	211858	1,551	29.3	8,901	20.3	0	0.00			
3/17/2024	Sun	18.3	213409	1,552	29.3	8,901	20.3	0	0.00			
3/18/2024	Mon	18	214961	1,679	29.5	8,901	20.3	0	0.00	0.00		
3/19/2024	Tue	18	216640	1,645	29.7	8,901	20.3	0	0.00			
3/20/2024	Wed	18	218285	1,578	29.9	8,901	20.3	0	0.00			
3/21/2024	Thu	21.3	219863	1,558	29.9	8,901	20.3	0	0.00	0.00		
3/22/2024	Fri	18	221421	0	30.0	8,901	20.3	0	0.00			
3/23/2024	Sat	18	221421	0	30.0	8,901	20.3	0	0.00			
3/24/2024	Sun	18	221421	4,829	30.0	8,901	20.3	0	0.00	0.00		
3/25/2024	Mon	14.7	226250	1,447	30.1	8,901	20.3	0	0.00			
3/26/2024	Tue	18	227697	1,758	30.3	8,901	20.3	0	0.00			
3/27/2024	Wed	16.9	229455	1,570	30.4	8,901	20.3	0	0.00	0.00	0.00	
3/28/2024	Thu	15.9	231025	1,633	30.7	8,901	20.3	0	0.00			
3/29/2024	Fri	17.9	232658	1,655	30.8	8,901	20.3	0	0.00			
3/30/2024	Sat	17.9	234313	1,655	30.8	8,901	20.3	0	0.00	0.00		
3/31/2024	Sun	17.9	235968	1,657	30.8	8,901	20.3	0	0.00			

		CELL 5 LCS			CELL 5 LDS					150	60	
Date	Day of Week	Liquid Level (inches)	Flow meter reading (gallons)	Gallons Removed	Sump Liquid Level (inches)	Flow meter reading (gallons)	Tank Liquid Level (inches)	LDS Daily Pump (gal)	LDS Flow Rate Avg. (gal/acre)	LDS Flow Rate 3-Day Avg. (gal/acre/day)	LDS Flow Rate 14-Day Avg. (gal/acre/day)	Comments
3/1/2024	Fri	17.7	5772013	5269	17	8363	26	0	0.00	0.00		
3/2/2024	Sat	17.7	5777282	5269	17	8363	26	0	0.00			
3/3/2024	Sun	17.7	5782551	5270	17	8363	26	0	0.00			
3/4/2024	Mon	13.9	5787821	3215	17.3	8363	26	0	0.00	0.00	0.00	
3/5/2024	Tue	18	5791036	6235	17	8363	26	0	0.00			
3/6/2024	Wed	14.8	5797271	4226	17.1	8363	26	0	0.00			
3/7/2024	Thu	16.9	5801497	5292	17.1	8363	26	0	0.00	0.00		
3/8/2024	Fri	16.4	5806789	5206	17.3	8363	26	0	0.00			
3/9/2024	Sat	16.4	5811995	5206	17.3	8363	26	0	0.00			
3/10/2024	Sun	16.4	5817201	5207	17.3	8363	26	0	0.00	0.00		
3/11/2024	Mon	12.6	5822408	4783	17.1	8363	26	0	0.00			
3/12/2024	Tue	16.4	5827191	6883	17.2	8363	26	0	0.00			
3/13/2024	Wed	18.2	5834074	7027	17.4	8363	26	0	0.00	0.00		
3/14/2024	Thu	17.4	5841101	8239	17.2	8363	26	0	0.00			
3/15/2024	Fri	16.2	5849340	4944	17.3	8363	26	0	0.00			
3/16/2024	Sat	16.2	5854284	4944	17.3	8363	26	0	0.00	0.00		
3/17/2024	Sun	16.2	5859228	4946	17.3	8363	26	0	0.00			
3/18/2024	Mon	13.5	5864174	5101	17.5	8363	26	0	0.00		0.00	
3/19/2024	Tue	14.9	5869275	6392	17.6	8363	26	0	0.00	0.00		
3/20/2024	Wed	6.9	5875667	5129	17.6	8363	26	0	0.00			
3/21/2024	Thu	13.2	5880796	5245	17.7	8363	26	0	0.00			
3/22/2024	Fri	15.3	5886041	6366	17.8	8363	26	0	0.00	0.00		
3/23/2024	Sat	15.3	5892407	6366	17.8	8363	26	0	0.00			
3/24/2024	Sun	15.3	5898773	6367	17.8	8363	26	0	0.00			
3/25/2024	Mon	15.1	5905140	4934	18.1	8363	26	0	0.00	0.00		
3/26/2024	Tue	19.2	5910074	4769	18	8363	26	0	0.00			
3/27/2024	Wed	18.9	5914843	5515	17.9	8363	26	0	0.00			
3/28/2024	Thu	16.4	5920358	6244	17.9	8363	26	0	0.00	0.00		
3/29/2024	Fri	15.7	5926602	5115	18	8363	26	0	0.00			
3/30/2024	Sat	15.7	5931717	5115	18	8363	26	0	0.00			
3/31/2024	Sun	15.7	5936832	5116	18	8363	26	0	0.00	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
3/1/2024	Fri	21.8	1698932	1171	16.7	2926	42.7	0	0.00	0.00		
3/2/2024	Sat	21.8	1700103	1171	16.7	2926	42.7	0	0.00			
3/3/2024	Sun	21.8	1701274	1173	16.7	2926	42.7	0	0.00			
3/4/2024	Mon	16.9	1702447	1166	16.4	2926	42.7	0	0.00	0.00		
3/5/2024	Tue	14.3	1703613	1372	16.5	2926	42.7	0	0.00			
3/6/2024	Wed	16.9	1704985	1326	16.4	2926	42.7	0	0.00			
3/7/2024	Thu	17.2	1706311	707	16.6	2926	42.7	0	0.00	0.00	0.00	
3/8/2024	Fri	19.7	1707018	1806	16.7	2926	42.7	0	0.00			
3/9/2024	Sat	19.7	1708824	1806	16.7	2926	42.7	0	0.00			
3/10/2024	Sun	19.7	1710630	1806	16.7	2926	42.7	0	0.00	0.00		
3/11/2024	Mon	20.9	1712436	1863	17	2926	42.7	0	0.00			
3/12/2024	Tue	13.7	1714299	1345	17	2926	42.7	0	0.00			
3/13/2024	Wed	23.6	1715644	1868	17.1	2926	42.7	4	1.05	0.35		
3/14/2024	Thu	14.2	1717512	1462	16.7	2930	42.7	0	0.00			
3/15/2024	Fri	15.2	1718974	1491	16.5	2930	42.7	0	0.00			
3/16/2024	Sat	15.2	1720465	1491	16.5	2930	42.7	0	0.00	0.00		
3/17/2024	Sun	15.2	1721956	1492	16.5	2930	42.7	0	0.00			
3/18/2024	Mon	12.2	1723448	1257	16.8	2930	42.7	0	0.00			
3/19/2024	Tue	13.5	1724705	1246	16.6	2930	42.7	0	0.00	0.00		
3/20/2024	Wed	23.7	1725951	1504	16.7	2930	42.7	0	0.00			
3/21/2024	Thu	13.6	1727455	1010	16.7	2930	42.7	0	0.00		0.08	
3/22/2024	Fri	15.8	1728465	1235	16.6	2930	42.7	0	0.00	0.00		
3/23/2024	Sat	15.8	1729700	1235	16.6	2930	42.7	0	0.00			
3/24/2024	Sun	15.8	1730935	1235	16.6	2930	42.7	0	0.00			
3/25/2024	Mon	12.9	1732170	1131	16.7	2930	42.7	0	0.00	0.00		
3/26/2024	Tue	16.2	1733301	3745	16.6	2930	42.7	0	0.00			
3/27/2024	Wed	17	1737046	1992	16.6	2930	42.7	0	0.00			
3/28/2024	Thu	16.1	1739038	1464	16.7	2930	42.7	0	0.00	0.00		
3/29/2024	Fri	30.2	1740502	1665	16.6	2930	42.7	0	0.00			
3/30/2024	Sat	30.2	1742167	1665	16.6	2930	42.7	0	0.00			
3/31/2024	Sun	30.2	1743832	1666	16.6	2930	42.7	0	0.00	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
3/1/2024	Fri	1.2	2354376	2067	27.8	4092	16.6	0	0.00			
3/2/2024	Sat	1.2	2356443	2067	27.8	4092	16.6	0	0.00	0.00		
3/3/2024	Sun	1.2	2358510	2067	27.8	4092	16.6	0	0.00			
3/4/2024	Mon	1.8	2360577	1900	27.9	4092	16.6	0	0.00			
3/5/2024	Tue	2	2362477	2208	28	4092	16.6	0	0.00	0.00		
3/6/2024	Wed	2.5	2364685	1781	28	4092	16.6	0	0.00		0.00	
3/7/2024	Thu	3.7	2366466	1803	28.1	4092	16.6	0	0.00			
3/8/2024	Fri	1.8	2368269	1914	28.2	4092	16.6	0	0.00	0.00		
3/9/2024	Sat	1.8	2370183	1914	28.2	4092	16.6	0	0.00			
3/10/2024	Sun	1.8	2372097	1916	28.2	4092	16.6	0	0.00			
3/11/2024	Mon	1.9	2374013	2029	28.5	4092	16.6	0	0.00	0.00		
3/12/2024	Tue	1.7	2376042	1854	28.5	4092	16.6	0	0.00			
3/13/2024	Wed	3.1	2377896	2096	28.6	4092	16.6	0	0.00			
3/14/2024	Thu	3.3	2379992	1890	28.5	4092	16.6	0	0.00	0.00		
3/15/2024	Fri	4.1	2381882	1708	28.6	4092	16.6	0	0.00			
3/16/2024	Sat	4.1	2383590	1708	28.6	4092	16.6	0	0.00			
3/17/2024	Sun	4.1	2385298	1710	28.6	4092	16.6	0	0.00	0.00		
3/18/2024	Mon	2.3	2387008	1749	28.4	4092	16.6	0	0.00			
3/19/2024	Tue	1.8	2388757	1796	28.5	4092	16.6	0	0.00			
3/20/2024	Wed	1.5	2390553	1683	28.4	4092	16.6	0	0.00	0.00	0.00	
3/21/2024	Thu	1.6	2392236	1650	28.4	4092	16.6	0	0.00			
3/22/2024	Fri	1	2393886	1657	28.3	4092	16.6	0	0.00			
3/23/2024	Sat	1	2395543	1657	28.3	4092	16.6	0	0.00	0.00		
3/24/2024	Sun	1	2397200	1657	28.3	4092	16.6	0	0.00			
3/25/2024	Mon	1.5	2398857	1885	28	4092	16.6	0	0.00			
3/26/2024	Tue	2.9	2400742	1988	28.1	4092	16.6	0	0.00	0.00		
3/27/2024	Wed	3.7	2402730	1996	28	4092	16.6	0	0.00			
3/28/2024	Thu	1.7	2404726	2013	27.9	4092	16.6	0	0.00			
3/29/2024	Fri	11.1	2406739	1925	27.9	4092	16.6	0	0.00	0.00		
3/30/2024	Sat	11.1	2408664	1925	27.9	4092	16.6	0	0.00			
3/31/2024	Sun	11.1	2410589	1927	27.9	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
3/1/2024	Fri	9	2514820	4473	27.7	34466	-	0	0.00			
3/2/2024	Sat	9	2519293	4473	27.7	34466	-	0	0.00	0.00		
3/3/2024	Sun	9	2523766	4473	27.7	34466	-	0	0.00			
3/4/2024	Mon	11.9	2528239	2586	29	34466	-	0	0.00			
3/5/2024	Tue	12.2	2530825	3151	29.1	34466	-	0	0.00	0.00		
3/6/2024	Wed	9.5	2533976	2033	29.1	34466	-	0	0.00		0.00	
3/7/2024	Thu	13	2536009	3159	29.2	34466	-	0	0.00			
3/8/2024	Fri	8.9	2539168	2764	29.2	34466	-	0	0.00	0.00		
3/9/2024	Sat	8.9	2541932	2764	29.2	34466	-	0	0.00			
3/10/2024	Sun	8.9	2544696	2764	29.2	34466	-	0	0.00			
3/11/2024	Mon	13	2547460	2911	29.5	34466	-	0	0.00	0.00		
3/12/2024	Tue	12.9	2550371	2718	29.4	34466	-	4	0.51			
3/13/2024	Wed	10.9	2553089	3082	29.5	34470	-	0	0.00			
3/14/2024	Thu	12.1	2556171	3298	29.5	34470	-	0	0.00	0.17		
3/15/2024	Fri	10.9	2559469	2430	29.6	34470	-	0	0.00			
3/16/2024	Sat	10.9	2561899	2430	29.6	34470	-	0	0.00			
3/17/2024	Sun	10.9	2564329	2432	29.6	34470	-	0	0.00	0.00		
3/18/2024	Mon	9.8	2566761	2652	29.7	34470	-	0	0.00			
3/19/2024	Tue	12.1	2569413	2788	29.8	34470	-	0	0.00			
3/20/2024	Wed	10.9	2572201	2680	29.9	34470	-	0	0.00	0.00	0.04	
3/21/2024	Thu	1.7	2574881	2575	29.8	34470	-	0	0.00			
3/22/2024	Fri	12.9	2577456	2664	29.9	34470	-	0	0.00			
3/23/2024	Sat	12.9	2580120	2664	29.9	34470	-	0	0.00	0.00		
3/24/2024	Sun	12.9	2582784	2664	29.9	34470	-	2	0.25			
3/25/2024	Mon	12.7	2585448	2426	30.1	34472	-	3	0.38			
3/26/2024	Tue	13.1	2587874	3134	29.7	34475	-	0	0.00	0.21		
3/27/2024	Wed	12.5	2591008	2707	29.7	34475	-	0	0.00			
3/28/2024	Thu	10.9	2593715	2712	29.9	34475	-	0	0.00			
3/29/2024	Fri	13.3	2596427	3187	30	34475	-	0	0.00	0.00		
3/30/2024	Sat	13.3	2599614	3187	30	34475	-	0	0.00			
3/31/2024	Sun	13.3	2602801	3187	30	34475	-	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
3/1/2024	Fri	10	13152591	4336	33.6	2756	0	0.00		4.60	
3/2/2024	Sat	10	13156927	4336	33.6	2756	0	0.00	0.00		
3/3/2024	Sun	10	13161263	4337	33.6	2756	0	0.00			
3/4/2024	Mon	10.5	13165600	2955	35.1	2756	741	71.94			
3/5/2024	Tue	11.6	13168555	5762	35.4	3497	0	0.00	23.98		
3/6/2024	Wed	9.5	13174317	3877	33.9	3497	814	79.03			
3/7/2024	Thu	11	13178194	3462	34.1	4311	489	47.48			
3/8/2024	Fri	10.9	13181656	5357	31.9	4800	522	50.68	59.06		
3/9/2024	Sat	10.9	13187013	5357	31.9	5322	522	50.68			
3/10/2024	Sun	10.9	13192370	5358	31.9	5844	524	50.87			
3/11/2024	Mon	11.9	13197728	3762	33.5	6368	1	0.10	33.88		
3/12/2024	Tue	11.4	13201490	3129	34.2	6369	0	0.00			
3/13/2024	Wed	10.2	13204619	3555	35.6	6369	484	46.99			
3/14/2024	Thu	11.5	13208174	5188	30.9	6853	148	14.37	20.45		
3/15/2024	Fri	11.9	13213362	4496	27.9	7001	0	0.00		29.44	
3/16/2024	Sat	11.9	13217858	4496	27.9	7001	0	0.00			
3/17/2024	Sun	11.9	13222354	4496	27.9	7001	0	0.00	0.00		
3/18/2024	Mon	11.9	13226850	5234	28.8	7001	0	0.00			
3/19/2024	Tue	11.8	13232084	4325	28.8	7001	0	0.00			
3/20/2024	Wed	11.9	13236409	4926	29	7001	410	39.81	13.27		
3/21/2024	Thu	11.8	13241335	3429	24.7	7411	0	0.00			
3/22/2024	Fri	11.7	13244764	4050	25	7411	492	47.77			
3/23/2024	Sat	11.7	13248814	4050	25	7903	492	47.77	31.84		
3/24/2024	Sun	11.7	13252864	4051	25	8395	493	47.86			
3/25/2024	Mon	12.2	13256915	3594	25.3	8888	348	33.79			
3/26/2024	Tue	10.9	13260509	5326	28.1	9236	565	54.85	45.50		
3/27/2024	Wed	13	13265835	4327	29.2	9801	505	49.03			
3/28/2024	Thu	11.9	13270162	3819	27.9	10306	825	80.10			
3/29/2024	Fri	12.1	13273981	3118	31.3	11131	843	81.84	70.32	34.49	
3/30/2024	Sat	12.1	13277099	3118	31.3	11974	843	81.84			
3/31/2024	Sun	12.1	13280217	3119	31.3	12817	844	81.94			

	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
3/1/2024	Fri	11.3	20081326	5908	30.1	5504	52	7.12		9.32	
3/2/2024	Sat	11.3	20087234	5908	30.1	5556	52	7.12	6.30		
3/3/2024	Sun	11.3	20093142	5909	30.1	5608	53	7.26			
3/4/2024	Mon	11.5	20099051	4499	30.1	5661	148	20.27			
3/5/2024	Tue	11.4	20103550	72	30.3	5809	0	0.00	9.18		
3/6/2024	Wed	74.7	20103622	19392	30.4	5809	0	0.00			LCS Motor siezed. Motor pulled and replaced.
3/7/2024	Thu	31.9	20123014	12729	30.5	5809	205	28.08			
3/8/2024	Fri	10.9	20135743	15610	28.7	6014	0	0.00	9.36		
3/9/2024	Sat	10.9	20151353	15610	28.7	6014	0	0.00			
3/10/2024	Sun	10.9	20166963	15610	28.7	6014	0	0.00			
3/11/2024	Mon	11.4	20182573	16058	29.2	6014	0	0.00	0.00		
3/12/2024	Tue	11.4	20198631	15931	30.4	6014	0	0.00			
3/13/2024	Wed	11.5	20214562	18091	30.5	6014	88	12.05			
3/14/2024	Thu	11.6	20232653	12458	30.1	6102	173	23.70	11.92		
3/15/2024	Fri	12.1	20245111	10724	30.4	6275	0	0.00		7.04	
3/16/2024	Sat	12.1	20255835	10724	30.4	6275	0	0.00			
3/17/2024	Sun	12.1	20266559	10725	30.4	6275	0	0.00	0.00		
3/18/2024	Mon	11.7	20277284	11517	30.2	6275	0	0.00			
3/19/2024	Tue	12.2	20288801	10926	30.2	6275	0	0.00			
3/20/2024	Wed	11.3	20299727	11967	30	6275	0	0.00	0.00		
3/21/2024	Thu	11.6	20311694	11632	29.9	6275	0	0.00			
3/22/2024	Fri	11.8	20323326	6907	30	6275	0	0.00			
3/23/2024	Sat	11.8	20330233	6907	30	6275	0	0.00	0.00		
3/24/2024	Sun	11.8	20337140	6909	30	6275	355	48.63			
3/25/2024	Mon	8.9	20344049	6248	29.9	6630	170	23.29			
3/26/2024	Tue	11.8	20350297	8492	29.9	6800	0	0.00	23.97		
3/27/2024	Wed	10.9	20358789	5492	29.9	6800	84	11.51			
3/28/2024	Thu	11.4	20364281	5968	30.1	6884	101	13.84			
3/29/2024	Fri	11.8	20370249	6162	30	6985	43	5.89	10.41	7.37	
3/30/2024	Sat	11.8	20376411	6162	30	7028	43	5.89			
3/31/2024	Sun	11.8	20382573	6164	30	7071	43	5.89			

		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
3/1/2024	Fri	12.2	20925070	3092	13.7	32402	188	25.41			
3/2/2024	Sat	12.2	20928162	3092	13.7	32590	188	25.41	47.97		
3/3/2024	Sun	12.2	20931254	3092	13.7	32778	189	25.54			
3/4/2024	Mon	12.1	20934346	3117	14	32967	31	4.19			
3/5/2024	Tue	12.2	20937463	3996	13.4	32998	44	5.95	11.89		
3/6/2024	Wed	11.2	20941459	4548	13.4	33042	0	0.00			
3/7/2024	Thu	11.9	20946007	2050	13.6	33042	0	0.00			
3/8/2024	Fri	12.1	20948057	3953	13.5	33042	0	0.00	0.00	35.67	
3/9/2024	Sat	12.1	20952010	3953	13.5	33042	0	0.00			
3/10/2024	Sun	12.1	20955963	3953	13.5	33042	0	0.00			
3/11/2024	Mon	12.1	20959916	4245	13.7	33042	0	0.00	0.00		
3/12/2024	Tue	12.5	20964161	3957	13.9	33042	0	0.00			
3/13/2024	Wed	12.2	20968118	4576	14.5	33042	0	0.00			
3/14/2024	Thu	11.8	20972694	3737	15.1	33042	0	0.00	0.00		
3/15/2024	Fri	10.7	20976431	0	15.1	33042	0	0.00			
3/16/2024	Sat	10.7	20976431	0	15.1	33042	0	0.00			
3/17/2024	Sun	10.7	20976431	10883	15.1	33042	0	0.00	0.00		
3/18/2024	Mon	12.1	20987314	3628	15.3	33042	1	0.14			
3/19/2024	Tue	12.1	20990942	3744	14	33043	0	0.00			
3/20/2024	Wed	12.2	20994686	3737	14.1	33043	0	0.00	0.05		
3/21/2024	Thu	11.9	20998423	3031	14.1	33043	0	0.00			
3/22/2024	Fri	12.1	21001454	5181	14	33043	0	0.00		0.01	
3/23/2024	Sat	12.1	21006635	5181	14	33043	0	0.00	0.00		
3/24/2024	Sun	12.1	21011816	5182	14	33043	0	0.00			
3/25/2024	Mon	12	21016998	6499	14.2	33043	1	0.14			
3/26/2024	Tue	11.8	21023497	8629	14.2	33044	0	0.00	0.05		
3/27/2024	Wed	12.6	21032126	6037	14.2	33044	0	0.00			
3/28/2024	Thu	12.1	21038163	5857	14.1	33044	0	0.00			
3/29/2024	Fri	11.7	21044020	6415	14.1	33044	0	0.00	0.00		
3/30/2024	Sat	11.7	21050435	6415	14.1	33044	0	0.00			
3/31/2024	Sun	11.7	21056850	6417	14.1	33044	0	0.00			

		CELL 12 LCS			CELL 12 LDS				150	60	
Date	Day of Week	Liquid Level (inches)	Flow meter reading (gallons)	Gallons Removed	Sump Liquid Level (inches)	Flow meter reading (gallons)	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
3/1/2024	Fri	1.3	7948178	2805	25.3	115562	104	11.82	21.59		
3/2/2024	Sat	1.3	7950983	2805	25.3	115666	104	11.82			
3/3/2024	Sun	1.3	7953788	2807	25.3	115770	104	11.82			
3/4/2024	Mon	7.4	7956595	2766	26.4	115874	314	35.68	19.77		
3/5/2024	Tue	2.2	7959361	3701	24.1	116188	35	3.98			
3/6/2024	Wed	5.7	7963062	2579	26.4	116223	0	0.00			
3/7/2024	Thu	6.9	7965641	2957	26.5	116223	317	36.02	13.33		
3/8/2024	Fri	2.7	7968598	2941	22.1	116540	210	23.86		19.98	
3/9/2024	Sat	2.7	7971539	2941	22.1	116750	210	23.86			
3/10/2024	Sun	2.7	7974480	2942	22.1	116960	212	24.09	23.94		
3/11/2024	Mon	1.2	7977422	3088	24	117172	329	37.39			
3/12/2024	Tue	4.6	7980510	2923	22.1	117501	363	41.25			
3/13/2024	Wed	8.7	7983433	3522	22.6	117864	0	0.00	26.21		
3/14/2024	Thu	6.9	7986955	3056	22.8	117864	0	0.00			
3/15/2024	Fri	4.9	7990011	2746	23.4	117864	0	0.00			
3/16/2024	Sat	4.9	7992757	2746	23.4	117864	0	0.00	0.00		
3/17/2024	Sun	4.9	7995503	2747	23.4	117864	252	28.64			
3/18/2024	Mon	5.8	7998250	2739	25.6	118116	315	35.80			
3/19/2024	Tue	3.7	8000989	2907	25.3	118431	0	0.00	21.48		
3/20/2024	Wed	6	8003896	2952	24.9	118431	313	35.57			
3/21/2024	Thu	2.5	8006848	2857	24.1	118744	314	35.68			
3/22/2024	Fri	2.7	8009705	2988	25.4	119058	104	11.82	27.69	19.58	
3/23/2024	Sat	2.7	8012693	2988	25.4	119162	104	11.82			
3/24/2024	Sun	2.7	8015681	2989	25.4	119266	105	11.93			
3/25/2024	Mon	5.2	8018670	3079	26.6	119371	307	34.89	19.55		
3/26/2024	Tue	8.9	8021749	3417	27	119678	0	0.00			
3/27/2024	Wed	10.1	8025166	2929	27.4	119678	308	35.00			
3/28/2024	Thu	9	8028095	2994	26.1	119986	325	36.93	23.98		
3/29/2024	Fri	9	8031089	5016	24.4	120311	206	23.41			
3/30/2024	Sat	9	8036105	5016	24.4	120517	206	23.41			
3/31/2024	Sun	9	8041121	5016	24.4	120723	206	23.41	23.41		

		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
3/1/2024	Fri	8.3	719,969	0	31.3	123,862	0	0.00			
3/2/2024	Sat	8.3	719,969	0	31.3	123,862	0	0.00			
3/3/2024	Sun	8.3	719,969	0	31.3	123,862	0	0.00	0.00		
3/4/2024	Mon	10.7	719,969	0	31.7	123,862	0	0.00			
3/5/2024	Tue	11.1	719,969	0	31.6	123,862	0	0.00			
3/6/2024	Wed	11.4	719,969	0	31.7	123,862	0	0.00	0.00		
3/7/2024	Thu	12.6	719,969	0	31.8	123,862	0	0.00			
3/8/2024	Fri	13.7	719,969	877	31.9	123,862	0	0.00		0.00	
3/9/2024	Sat	13.7	720,846	877	31.9	123,862	0	0.00	0.00		
3/10/2024	Sun	13.7	721,723	878	31.9	123,862	0	0.00			
3/11/2024	Mon	6.8	722,601	0	32.2	123,862	0	0.00			
3/12/2024	Tue	7.1	722,601	0	32.6	123,862	0	0.00	0.00		
3/13/2024	Wed	7.5	722,601	0	32.9	123,862	0	0.00			
3/14/2024	Thu	7.9	722,601	0	33.2	123,862	165	14.07			
3/15/2024	Fri	8.2	722,601	0	27.0	124,027	0	0.00	4.69		
3/16/2024	Sat	8.2	722,601	0	27.0	124,027	0	0.00			
3/17/2024	Sun	8.2	722,601	0	27.0	124,027	0	0.00			
3/18/2024	Mon	9.6	722,601	0	27.4	124,027	0	0.00	0.00		
3/19/2024	Tue	10.1	722,601	0	27.6	124,027	0	0.00			
3/20/2024	Wed	12.3	722,601	1,827	28.0	124,027	0	0.00			
3/21/2024	Thu	7.6	724,428	0	28.1	124,027	0	0.00	0.00		
3/22/2024	Fri	7.9	724,428	0	28.3	124,027	0	0.00		1.00	
3/23/2024	Sat	7.9	724,428	0	28.3	124,027	0	0.00			
3/24/2024	Sun	7.9	724,428	0	28.3	124,027	0	0.00	0.00		
3/25/2024	Mon	8.7	724,428	0	28.9	124,027	0	0.00			
3/26/2024	Tue	9.1	724,428	0	29.3	124,027	0	0.00			
3/27/2024	Wed	9.5	724,428	0	29.3	124,027	0	0.00	0.00		
3/28/2024	Thu	10.3	724,428	0	29.7	124,027	0	0.00			
3/29/2024	Fri	11.3	724,428	1,213	30.2	124,027	0	0.00			
3/30/2024	Sat	11.3	725,641	1,213	30.2	124,027	0	0.00	0.00		
3/31/2024	Sun	11.3	726,854	1,215	30.2	124,027	0	0.00			

		South Phase LCS			South Phase LDS				150	60	
Date	Day of Week	Liquid Level (inches)	Flow meter reading (gallons)	Gallons Removed SPLCS	Sump level	Flow Meter Reading (gallons)	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
3/1/2024	Fri	24.9	189,771	2,262	31.6	1398	0	0.00			
3/2/2024	Sat	24.9	192,033	2,262	31.6	1398	0	0.00			
3/3/2024	Sun	24.9	194,295	2,264	31.6	1398	0	0.00	0.00		
3/4/2024	Mon	24.2	196,559	1,876	32.1	1398	0	0.00			
3/5/2024	Tue	25.0	198,435	2,193	32.3	1398	0	0.00			
3/6/2024	Wed	25.1	200,628	2,173	32.6	1398	0	0.00	0.00		
3/7/2024	Thu	26.3	202,801	1,788	32.6	1398	0	0.00			
3/8/2024	Fri	24.6	204,589	1,789	32.7	1398	0	0.00			
3/9/2024	Sat	24.6	206,378	1,789	32.7	1398	0	0.00	0.00		
3/10/2024	Sun	24.6	208,167	1,789	32.7	1398	0	0.00		1.96	
3/11/2024	Mon	24.9	209,956	2,034	33.2	1398	0	0.00			
3/12/2024	Tue	24.6	211,990	1,596	33.4	1398	0	0.00	0.00		
3/13/2024	Wed	25.1	213,586	1,941	33.5	1398	4	0.74			
3/14/2024	Thu	25.0	215,527	1,270	33.8	1402	0	0.00			
3/15/2024	Fri	19.9	216,797	1,646	33.9	1402	0	0.00	0.25		
3/16/2024	Sat	19.9	218,443	1,646	33.9	1402	0	0.00			
3/17/2024	Sun	19.9	220,089	1,646	33.9	1402	0	0.00			
3/18/2024	Mon	24.9	221,735	1,840	33.9	1402	0	0.00	0.00		
3/19/2024	Tue	22.8	223,575	1,548	35.3	1402	57	10.50			
3/20/2024	Wed	24.6	225,123	1,340	33.3	1459	0	0.00			
3/21/2024	Thu	25.3	226,463	1,760	33.4	1459	0	0.00	3.50		
3/22/2024	Fri	26.0	228,223	1,597	33.5	1459	0	0.00			
3/23/2024	Sat	26.0	229,820	1,597	33.5	1459	0	0.00			
3/24/2024	Sun	26.0	231,417	1,599	33.5	1459	0	0.00	0.00	0.80	
3/25/2024	Mon	24.9	233,016	1,445	33.9	1459	17	3.13			
3/26/2024	Tue	27.0	234,461	1,211	29.4	1476	0	0.00			
3/27/2024	Wed	25.6	235,672	1,423	30.1	1476	1	0.18	1.10		
3/28/2024	Thu	24.9	237,095	1,689	30.8	1477	3	0.55			
3/29/2024	Fri	24.3	238,784	1,455	31.7	1480	0	0.00			
3/30/2024	Sat	24.3	240,239	1,455	31.7	1480	0	0.00	0.18		
3/31/2024	Sun	24.3	241,694	1,456	31.7	1480	0	0.00			

ATTACHMENT F

Gas Extraction Well Operations & Location Map

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

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

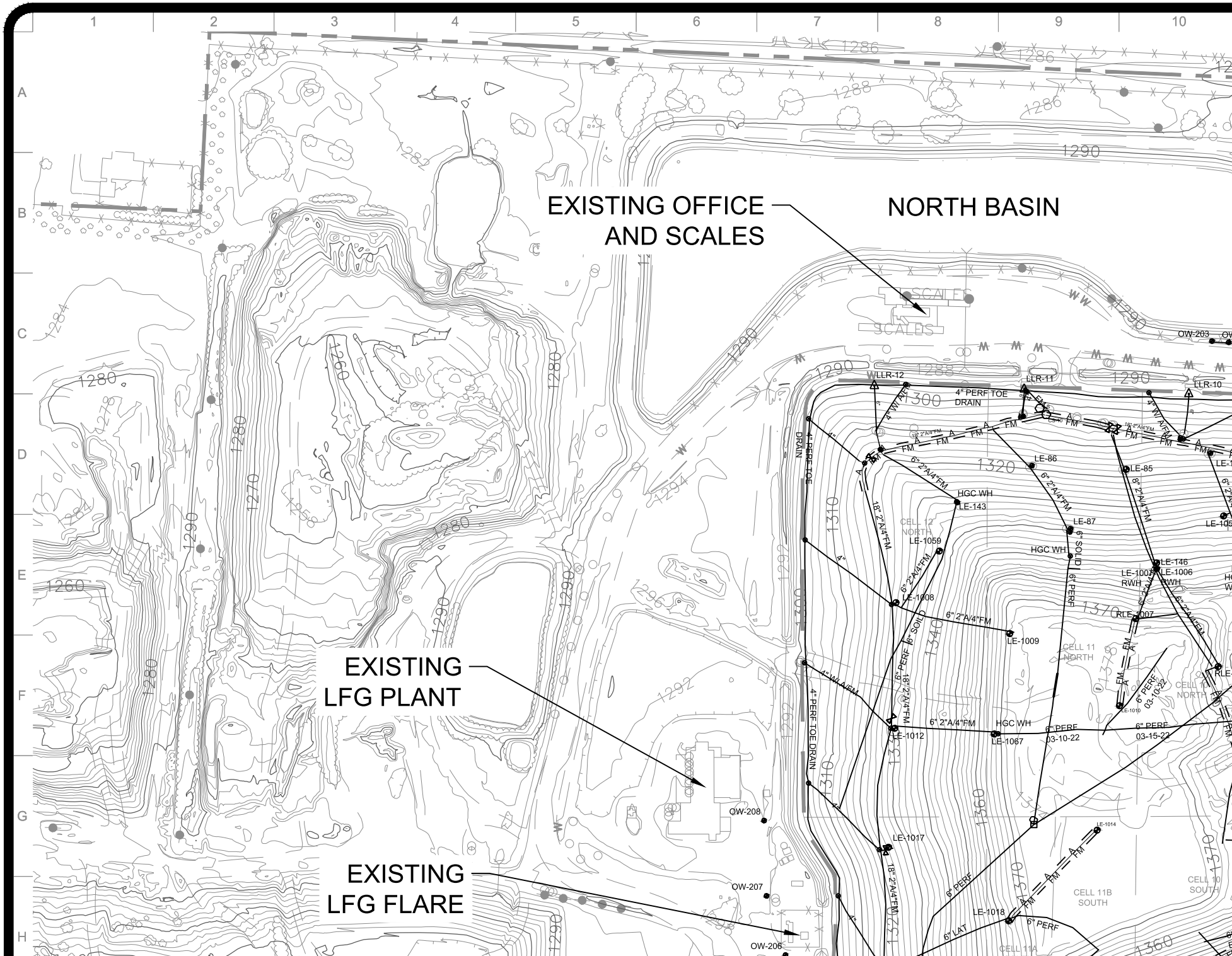
Device Name	Alias	Description	Active	Location	Downtime (hours)
EVEW1028	EW-1028	Lateral Expansion Area Well	Yes	Interior	none
EVEW1055	EW-1055	Lateral Expansion Area Well	Yes	Interior	none
EVEW1056	EW-1056	Lateral Expansion Area Well	Yes	Interior	none
EVEW1057	EW-1057	Lateral Expansion Area Well	Yes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

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

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

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

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



PLAN - 2023.DWG

ATTACHMENT G

Laboratory Analytical Report & Field Forms

ANALYTICAL REPORT

March 18, 2024

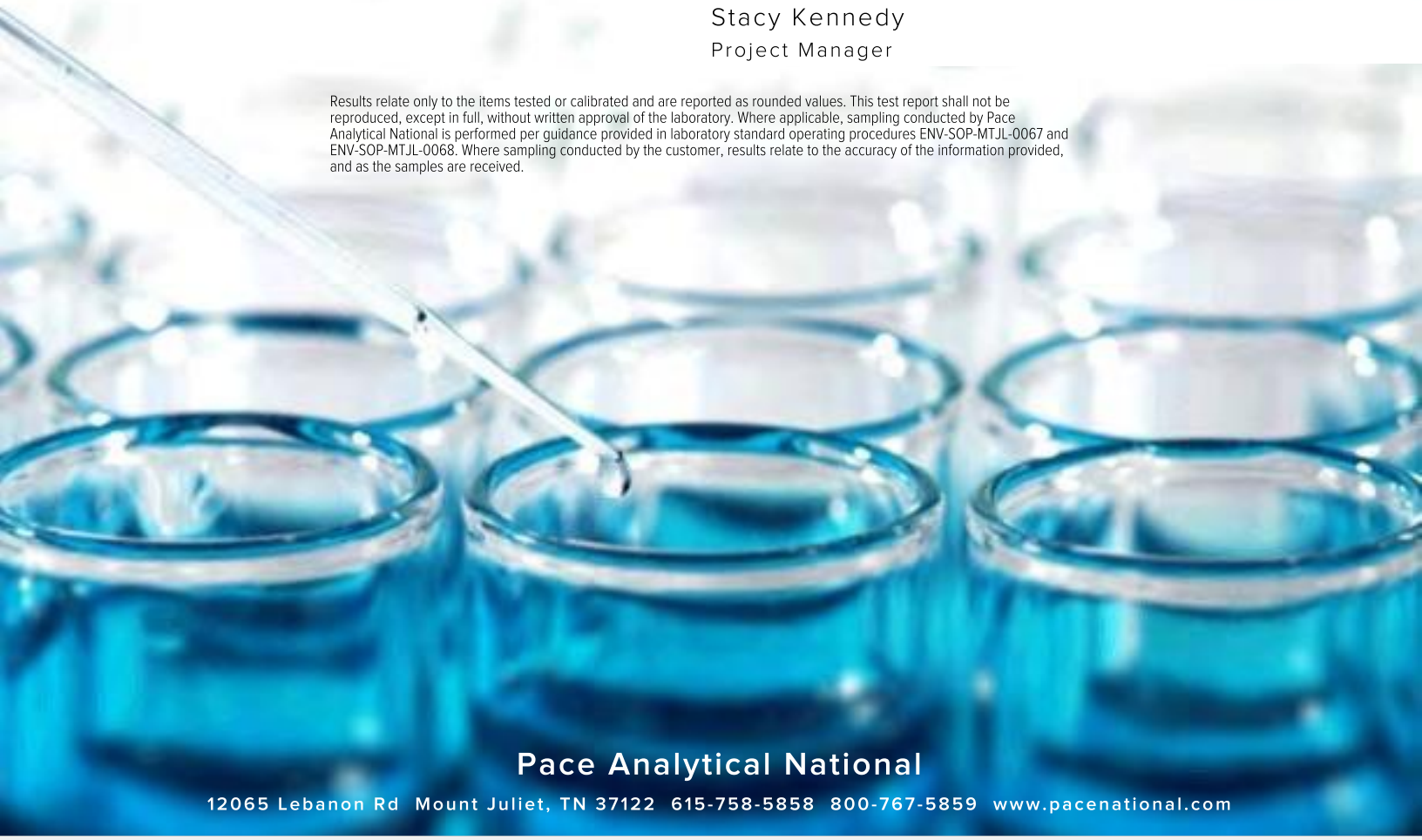
Eco-Vista (Tontitown)LF

Sample Delivery Group:	L1713608
Samples Received:	03/08/2024
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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LGW-2 L1713608-01 GW

Collected by: Chris Fincher | Collected date/time: 03/06/24 00:00 | Received date/time: 03/08/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2244593	1	03/12/24 14:19	03/12/24 14:19	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2246508	1	03/15/24 21:31	03/15/24 21:31	HMM	Mt. Juliet, TN

LGW-3R L1713608-02 GW

Collected by: Chris Fincher | Collected date/time: 03/06/24 12:30 | Received date/time: 03/08/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2244593	1	03/12/24 14:22	03/12/24 14:22	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2246508	1	03/15/24 22:00	03/15/24 22:00	HMM	Mt. Juliet, TN

LGW-4 L1713608-03 GW

Collected by: Chris Fincher | Collected date/time: 03/06/24 13:15 | Received date/time: 03/08/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2244593	1	03/12/24 14:30	03/12/24 14:30	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2246508	1	03/15/24 22:09	03/15/24 22:09	HMM	Mt. Juliet, TN

LGW-5 L1713608-04 GW

Collected by: Chris Fincher | Collected date/time: 03/06/24 14:00 | Received date/time: 03/08/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2244593	1	03/12/24 14:31	03/12/24 14:31	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2246508	1	03/15/24 22:19	03/15/24 22:19	HMM	Mt. Juliet, TN

LGW-6 L1713608-05 GW

Collected by: Chris Fincher | Collected date/time: 03/06/24 15:25 | Received date/time: 03/08/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2244593	1	03/12/24 14:33	03/12/24 14:33	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2246508	1	03/15/24 22:28	03/15/24 22:28	HMM	Mt. Juliet, TN

LGW-7 L1713608-06 GW

Collected by: Chris Fincher | Collected date/time: 03/06/24 16:15 | Received date/time: 03/08/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2244593	1	03/12/24 14:34	03/12/24 14:34	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2246508	1	03/15/24 22:57	03/15/24 22:57	HMM	Mt. Juliet, TN

LGW-8R L1713608-07 GW

Collected by: Chris Fincher | Collected date/time: 03/06/24 16:45 | Received date/time: 03/08/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2244593	1	03/12/24 14:36	03/12/24 14:36	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2246508	1	03/15/24 23:07	03/15/24 23:07	HMM	Mt. Juliet, TN

LGW-9 L1713608-08 GW

Collected by: Chris Fincher | Collected date/time: 03/06/24 17:25 | Received date/time: 03/08/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2244593	1	03/12/24 14:37	03/12/24 14:37	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2246508	1	03/15/24 23:16	03/15/24 23:16	HMM	Mt. Juliet, TN

LGW-10 L1713608-09 GW

Collected by: Chris Fincher | Collected date/time: 03/06/24 09:40 | Received date/time: 03/08/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2244593	1	03/12/24 14:39	03/12/24 14:39	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2246508	1	03/15/24 23:26	03/15/24 23:26	HMM	Mt. Juliet, TN

LGW-14R L1713608-10 GW

Collected by: Chris Fincher | Collected date/time: 03/06/24 14:40 | Received date/time: 03/08/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2244589	1	03/12/24 15:33	03/12/24 15:33	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2246508	1	03/15/24 23:54	03/15/24 23:54	HMM	Mt. Juliet, TN

MW-7N L1713608-11 GW

Collected by: Chris Fincher | Collected date/time: 03/06/24 09:00 | Received date/time: 03/08/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2244589	1	03/12/24 15:43	03/12/24 15:43	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2246508	1	03/16/24 00:04	03/16/24 00:04	HMM	Mt. Juliet, TN

MW-15 L1713608-12 GW

Collected by: Chris Fincher | Collected date/time: 03/06/24 11:25 | Received date/time: 03/08/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2244589	1	03/12/24 15:48	03/12/24 15:48	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2246508	1	03/16/24 00:13	03/16/24 00:13	HMM	Mt. Juliet, TN

MW-16 L1713608-13 GW

Collected by: Chris Fincher | Collected date/time: 03/06/24 10:50 | Received date/time: 03/08/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2245131	1	03/13/24 12:50	03/13/24 12:50	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2246508	1	03/16/24 00:23	03/16/24 00:23	HMM	Mt. Juliet, TN

MW-17 L1713608-14 GW

Collected by: Chris Fincher | Collected date/time: 03/06/24 19:15 | Received date/time: 03/08/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2245131	1	03/13/24 12:54	03/13/24 12:54	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2246500	1	03/17/24 10:30	03/17/24 10:30	GEB	Mt. Juliet, TN

MW-19 L1713608-15 GW

Collected by: Chris Fincher
Collected date/time: 03/06/24 10:15
Received date/time: 03/08/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2245131	1	03/13/24 12:57	03/13/24 12:57	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2246500	1	03/17/24 11:50	03/17/24 11:50	GEB	Mt. Juliet, TN

FB L1713608-16 GW

Collected by: Chris Fincher
Collected date/time: 03/06/24 08:40
Received date/time: 03/08/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2245131	1	03/13/24 12:59	03/13/24 12:59	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2246500	1	03/17/24 12:06	03/17/24 12:06	GEB	Mt. Juliet, TN

LGW-6-DUP L1713608-17 GW

Collected by: Chris Fincher
Collected date/time: 03/06/24 07:00
Received date/time: 03/08/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2245131	1	03/13/24 13:06	03/13/24 13:06	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2245631	1	03/16/24 10:40	03/16/24 10:40	ASM	Mt. Juliet, TN

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

Stacy Kennedy
Project Manager

Project Comments

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

Wet Chemistry by Method 9056A

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

Batch	Lab Sample ID	Analytes
WG2245631	(MS) R4046596-4, (MSD) R4046596-5	Chloride
WG2246500	(MS) R4046683-4, (MSD) R4046683-5	Chloride
WG2246508	(MS) R4046536-4, (MSD) R4046536-5	Chloride

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

Analyte	Result	Units
pH (On Site)	6.85	su
Specific Conductance (on site)	618	umhos/cm
Temperature (on-site)	16.8	Deg. C
Turbidity (on-site)	10.9	NTU
Dissolved Oxygen (on-site)	6.3	mg/l
eH/ORP (On Site)	126	mV
Depth to water (DTW) (FROM TOC)	73.63	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	03/12/2024 14:19	WG2244593

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	11.7		3.00	1	03/15/2024 21:31	WG2246508

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

Analyte	Result	Units
pH (On Site)	5.5	su
Specific Conductance (on site)	78	umhos/cm
Temperature (on-site)	16	Deg. C
Turbidity (on-site)	9.7	NTU
Dissolved Oxygen (on-site)	6	mg/l
eH/ORP (On Site)	209.1	mV
Depth to water (DTW) (FROM TOC)	56.88	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	03/12/2024 14:22	WG2244593

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	5.20		3.00	1	03/15/2024 22:00	WG2246508

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

Analyte	Result	Units
pH (On Site)	6.67	su
Specific Conductance (on site)	771	umhos/cm
Temperature (on-site)	16.3	Deg. C
Turbidity (on-site)	10.1	NTU
Dissolved Oxygen (on-site)	1.6	mg/l
eH/ORP (On Site)	148.3	mV
Depth to water (DTW) (FROM TOC)	60.73	ft

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	ND		0.100	1	03/12/2024 14:30	WG2244593

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	23.1		3.00	1	03/15/2024 22:09	WG2246508

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

Analyte	Result	Units
pH (On Site)	6.59	su
Specific Conductance (on site)	723	umhos/cm
Temperature (on-site)	19.8	Deg. C
Turbidity (on-site)	10	NTU
Dissolved Oxygen (on-site)	2.4	mg/l
eH/ORP (On Site)	66	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	ND		0.100	1	03/12/2024 14:31	WG2244593

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	19.4		3.00	1	03/15/2024 22:19	WG2246508

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

Analyte	Result	Units
pH (On Site)	6.41	su
Specific Conductance (on site)	723	umhos/cm
Temperature (on-site)	17.7	Deg. C
Turbidity (on-site)	6.4	NTU
Dissolved Oxygen (on-site)	0.7	mg/l
eH/ORP (On Site)	26	mV
Depth to water (DTW) (FROM TOC)	51.08	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	03/12/2024 14:33	WG2244593

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	18.6		3.00	1	03/15/2024 22:28	WG2246508

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)	549	umhos/cm
Temperature (on-site)	17.9	Deg. C
Turbidity (on-site)	5.9	NTU
Dissolved Oxygen (on-site)	3.5	mg/l
eH/ORP (On Site)	95.2	mV
Depth to water (DTW) (FROM TOC)	43.1	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	03/12/2024 14:34	WG2244593

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	15.4		3.00	1	03/15/2024 22:57	WG2246508

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

Analyte	Result	Units
pH (On Site)	6.67	su
Specific Conductance (on site)	756	umhos/cm
Temperature (on-site)	15.4	Deg. C
Turbidity (on-site)	7	NTU
Dissolved Oxygen (on-site)	0.8	mg/l
eH/ORP (On Site)	114.2	mV
Depth to water (DTW) (FROM TOC)	10.74	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	03/12/2024 14:36	WG2244593

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	21.7		3.00	1	03/15/2024 23:07	WG2246508

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

Analyte	Result	Units
pH (On Site)	6.48	su
Specific Conductance (on site)	787	umhos/cm
Temperature (on-site)	16.9	Deg. C
Turbidity (on-site)	6	NTU
Dissolved Oxygen (on-site)	0.9	mg/l
eH/ORP (On Site)	131.5	mV
Depth to water (DTW) (FROM TOC)	53.64	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	03/12/2024 14:37	WG2244593

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	35.6		3.00	1	03/15/2024 23:16	WG2246508

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

Analyte	Result	Units
pH (On Site)	6.45	su
Specific Conductance (on site)	967	umhos/cm
Temperature (on-site)	16	Deg. C
Turbidity (on-site)	9.4	NTU
Dissolved Oxygen (on-site)	0.4	mg/l
eH/ORP (On Site)	-27.1	mV
Depth to water (DTW) (FROM TOC)	59.53	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	03/12/2024 14:39	WG2244593

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	25.8		3.00	1	03/15/2024 23:26	WG2246508

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

Analyte	Result	Units
pH (On Site)	6.88	su
Specific Conductance (on site)	595	umhos/cm
Temperature (on-site)	16.9	Deg. C
Turbidity (on-site)	7.5	NTU
Dissolved Oxygen (on-site)	4.3	mg/l
eH/ORP (On Site)	105.9	mV
Depth to water (DTW) (FROM TOC)	56.65	ft

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	ND		0.100	1	03/12/2024 15:33	WG2244589

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	6.56		3.00	1	03/15/2024 23:54	WG2246508

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)	568	umhos/cm
Temperature (on-site)	14.3	Deg. C
Turbidity (on-site)	8.6	NTU
Dissolved Oxygen (on-site)	4.6	mg/l
eH/ORP (On Site)	155.4	mV
Depth to water (DTW) (FROM TOC)	86.84	ft

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	ND		0.100	1	03/12/2024 15:43	WG2244589

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	29.9		3.00	1	03/16/2024 00:04	WG2246508

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

Analyte	Result	Units
pH (On Site)	6.62	su
Specific Conductance (on site)	631	umhos/cm
Temperature (on-site)	15.5	Deg. C
Turbidity (on-site)	8.1	NTU
Dissolved Oxygen (on-site)	5.3	mg/l
eH/ORP (On Site)	127.3	mV
Depth to water (DTW) (FROM TOC)	58.9	ft

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	ND		0.100	1	03/12/2024 15:48	WG2244589

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	42.1		3.00	1	03/16/2024 00:13	WG2246508

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

Analyte	Result	Units
pH (On Site)	7.34	su
Specific Conductance (on site)	350	umhos/cm
Temperature (on-site)	14.9	Deg. C
Turbidity (on-site)	7.9	NTU
Dissolved Oxygen (on-site)	7	mg/l
eH/ORP (On Site)	85.9	mV
Depth to water (DTW) (FROM TOC)	75.43	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	03/13/2024 12:50	WG2245131

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	4.20		3.00	1	03/16/2024 00:23	WG2246508

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

Analyte	Result	Units
pH (On Site)	6.95	su
Specific Conductance (on site)	325	umhos/cm
Temperature (on-site)	17.1	Deg. C
Turbidity (on-site)	48.1	NTU
Dissolved Oxygen (on-site)	5.8	mg/l
eH/ORP (On Site)	110.2	mV
Depth to water (DTW) (FROM TOC)	60.56	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	03/13/2024 12:54	WG2245131

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	5.95		3.00	1	03/17/2024 10:30	WG2246500

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

Analyte	Result	Units
pH (On Site)	6.68	su
Specific Conductance (on site)	676	umhos/cm
Temperature (on-site)	16.1	Deg. C
Turbidity (on-site)	8.1	NTU
Dissolved Oxygen (on-site)	3.8	mg/l
eH/ORP (On Site)	40.2	mV
Depth to water (DTW) (FROM TOC)	68	ft

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	ND		0.100	1	03/13/2024 12:57	WG2245131

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	6.76		3.00	1	03/17/2024 11:50	WG2246500

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	03/13/2024 12:59	WG2245131

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	ND		3.00	1	03/17/2024 12:06	WG2246500

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	03/13/2024 13:06	WG2245131

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	18.0		3.00	1	03/16/2024 10:40	WG2245631

Method Blank (MB)

(MB) R4044671-1 03/12/24 15:00

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

L1713608-10 Original Sample (OS) • Duplicate (DUP)

(OS) L1713608-10 03/12/24 15:33 • (DUP) R4044671-3 03/12/24 15:39

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

L1713608-11 Original Sample (OS) • Duplicate (DUP)

(OS) L1713608-11 03/12/24 15:43 • (DUP) R4044671-6 03/12/24 15:45

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) R4044671-2 03/12/24 15:01

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Ammonia Nitrogen	7.50	7.25	96.7	90.0-110	

L1713608-10 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1713608-10 03/12/24 15:33 • (MS) R4044671-4 03/12/24 15:40 • (MSD) R4044671-5 03/12/24 15:42

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Ammonia Nitrogen	5.00	ND	4.83	4.68	96.6	93.5	1	90.0-110			3.22	10

L1713608-11 Original Sample (OS) • Matrix Spike (MS)

(OS) L1713608-11 03/12/24 15:43 • (MS) R4044671-7 03/12/24 15:46

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Ammonia Nitrogen	5.00	ND	4.77	95.4	1	90.0-110	

Method Blank (MB)

(MB) R4044670-1 03/12/24 13:51

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

L1713397-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1713397-02 03/12/24 13:58 • (DUP) R4044670-5 03/12/24 14:00

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

L1713608-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1713608-02 03/12/24 14:22 • (DUP) R4044670-7 03/12/24 14:24

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) R4044670-2 03/12/24 13:52

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Ammonia Nitrogen	7.50	7.03	93.8	90.0-110	

L1713397-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1713397-01 03/12/24 13:54 • (MS) R4044670-3 03/12/24 13:55 • (MSD) R4044670-4 03/12/24 13:57

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Ammonia Nitrogen	5.00	ND	4.75	4.77	95.0	95.4	1	90.0-110			0.483	10

L1713608-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1713608-01 03/12/24 14:19 • (MS) R4044670-6 03/12/24 14:21

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Ammonia Nitrogen	5.00	ND	4.80	95.9	1	90.0-110	

QUALITY CONTROL SUMMARY

L1713608-13,14,15,16,17

Method Blank (MB)

(MB) R4045194-1 03/13/24 12:22

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

L1713608-14 Original Sample (OS) • Duplicate (DUP)

(OS) L1713608-14 03/13/24 12:54 • (DUP) R4045194-5 03/13/24 12:56

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

L1713608-17 Original Sample (OS) • Duplicate (DUP)

(OS) L1713608-17 03/13/24 13:06 • (DUP) R4045194-7 03/13/24 13:08

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

Laboratory Control Sample (LCS)

(LCS) R4045194-2 03/13/24 12:24

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Ammonia Nitrogen	7.50	7.56	101	90.0-110	

L1713608-13 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1713608-13 03/13/24 12:50 • (MS) R4045194-3 03/13/24 12:51 • (MSD) R4045194-4 03/13/24 12:53

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Ammonia Nitrogen	5.00	ND	5.00	5.01	100	100	1	90.0-110			0.120	10

L1713608-16 Original Sample (OS) • Matrix Spike (MS)

(OS) L1713608-16 03/13/24 12:59 • (MS) R4045194-6 03/13/24 13:00

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	5.20	104	1	90.0-110	

Method Blank (MB)

(MB) R4046596-1 03/16/24 02:16

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	0.210		0.0519	1.00

L1713253-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1713253-03 03/16/24 02:54 • (DUP) R4046596-3 03/16/24 03:07

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	98.2	98.9	1	0.725		15

L1713397-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1713397-01 03/16/24 07:44 • (DUP) R4046596-6 03/16/24 07:56

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	14.2	14.2	1	0.644		15

Laboratory Control Sample (LCS)

(LCS) R4046596-2 03/16/24 02:29

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	39.7	99.3	80.0-120	

L1713253-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1713253-03 03/16/24 02:54 • (MS) R4046596-4 03/16/24 03:19 • (MSD) R4046596-5 03/16/24 03:32

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	98.2	129	129	77.7	77.2	1	80.0-120	J6	J6	0.154	15

Sample Narrative:

MS: Cl spike failed due to sample matrix

MSD: Cl spike failed due to sample matrix

L1713397-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1713397-01 03/16/24 07:44 • (MS) R4046596-7 03/16/24 08:09

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40.0	14.2	51.0	92.0	1	80.0-120	

Method Blank (MB)

(MB) R4046683-1 03/17/24 02:17

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	0.393	J	0.0519	1.00

L1713461-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1713461-01 03/17/24 03:36 • (DUP) R4046683-3 03/17/24 03:52

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	99.9	99.9	1	0.0124		15

L1713608-14 Original Sample (OS) • Duplicate (DUP)

(OS) L1713608-14 03/17/24 10:30 • (DUP) R4046683-6 03/17/24 10:46

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	5.95	5.96	1	0.159		15

Laboratory Control Sample (LCS)

(LCS) R4046683-2 03/17/24 02:33

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	38.7	96.8	80.0-120	

L1713461-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1713461-01 03/17/24 03:36 • (MS) R4046683-4 03/17/24 04:08 • (MSD) R4046683-5 03/17/24 04:24

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	99.9	119	119	47.3	47.3	1	80.0-120	J6	J6	0.0273	15

L1713608-14 Original Sample (OS) • Matrix Spike (MS)

(OS) L1713608-14 03/17/24 10:30 • (MS) R4046683-7 03/17/24 11:02

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40.0	5.95	44.0	95.1	1	80.0-120	

Method Blank (MB)

(MB) R4046536-1 03/15/24 08:26

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	0.0679		0.0519	1.00

L1713557-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1713557-03 03/15/24 20:06 • (DUP) R4046536-3 03/15/24 20:15

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	58.2	58.2	1	0.0330		15

L1713608-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1713608-05 03/15/24 22:28 • (DUP) R4046536-6 03/15/24 22:38

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	18.6	19.2	1	2.91		15

Laboratory Control Sample (LCS)

(LCS) R4046536-2 03/15/24 08:35

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

L1713557-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1713557-03 03/15/24 20:06 • (MS) R4046536-4 03/15/24 20:25 • (MSD) R4046536-5 03/15/24 20:34

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	40.0	58.2	87.7	86.7	73.7	71.2	1	80.0-120	J6	J6	1.14	15

Sample Narrative:

MS: spike failed due to sample matrix

MSD: spike failed due to sample matrix

L1713608-05 Original Sample (OS) • Matrix Spike (MS)

(OS) L1713608-05 03/15/24 22:28 • (MS) R4046536-7 03/15/24 22:47

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40.0	18.6	55.8	92.9	1	80.0-120	

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

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

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.

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.

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 Finley

Site/Facility ID # AR03

P.O. #

Collected by (signature):

Immediately Packed on Ice N___ Y X

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

Quote #

Date Results Needed

Analysis / Container / Preservative

Pres Chk

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	CHLORIDE 125mlHDPE-NoPres	NH3 250mlHDPE-H2SO4	Remarks	Sample # (lab only)
LDS-9		GW		~~3.6.24~~		2	X	X		
LDS-10		GW				2	X	X		
LDS-11		GW				2	X	X		
LDS-12		GW				2	X	X		
LGW-2	Grab	GW	74.45	3.6.24		2	X	X		-01
LGW-3R		GW	57.10		1230	2	X	X		-02
LGW-4		GW	60.95		1315	2	X	X		-03
LGW-5		GW	72.10		1400	2	X	X		-04
LGW-6		GW	51.10		1525	2	X	X		-05
LGW-7		GW	~~43~~.45		1615	2	X	X		-06

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

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

pH _____ Temp _____

Flow _____ Other _____

Samples returned via: __ UPS __ FedEx __ Courier _____

Tracking # 7210 2117 7319

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	3.7.24	1400	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)
			Jameem

Trip Blank Received: Yes / (No) HCL / MeoH TBR

Temp: °C Bottles Received: MSA9 3.3+0=3.3 34

Date: 3-8-24 Time: 0900

Hold:

Condition: NCF / (OK)

Sample Receipt Checklist

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

If preservation required by Login: Date/Time

Chain of Custody Page 1 of 3

Pace
PEOPLE ADVANCING SCIENCE

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

SDG # L1736009

L-003

Acctnum: WMECOVISAR
Template: T161046
Prelogin: P1055213
PM: 616 - Stacy Kennedy
PB:

Shipped Via: FedEX Ground

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

88 Joyce Lane
Russellville, AR 72801

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

Pres Chk

Report to: **Jodi Reynolds**

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

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

City/State Collected:

Please Circle: PT MT CT ET

Phone: **501-993-8966**

Client Project # **300**

Lab Project # **WMECOVISAR-00005**

Collected by (print): Chris Finder

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 2 of 3

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN

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

SDG # L1736008

Table #

Acctnum: **WMECOVISAR**
Template: **T161046**
Prelogin: **P1055213**
PM: **616 - Stacy Kennedy**
PB:

Shipped Via: **FedEX Ground**

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	CHLORIDE 125mlHDPE-NoPres	NH3 250mlHDPE-H2SO4								Remarks	Sample # (lab only)
LGW-8R	Grab	GW	10.85	3.6.24	1645	2	X	X									-07
LGW-9		GW	54.55		1725	2	X	X									-08
LGW-10		GW	60.75		0940	2	X	X									-09
LGW-14R		GW	59.10		1440	2	X	X									-10
MW-7N		GW	87.10		0900	2	X	X									-11
MW-15		GW	58.90		1125	2	X	X									-12
MW-16		GW	78.40		1050	2	X	X									-13
MW-17		GW	60.65		1915	2	X	X									-14
MW-19		GW	68.25		1015	2	X	X									-15
FB	✓	GW	N/A	✓	0840	2	X	X									-16

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

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

pH ____ Temp ____

Flow ____ Other ____

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
	3.7.24	1400			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:	Hold: / Condition: NCF / OK
				3-8-24 0900	

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 Fowler

Site/Facility ID # **AR03**

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y X

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

Date Results Needed

Quote #

Analysis / Container / Preservative

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	3.6.24	0700	2	X	X									-17
		GW				2	X	X									
		GW				2	X	X									
		GW				2	X	X									
		GW				2	X	X									

Chain of Custody Page 2 of 2

Pace PEOPLE ADVANCING SCIENCE

MT JULIET, TN

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

SDG # L1713606

Table #

Acctnum: **WMECOVISAR**
Template: **T161046**
Prelogin: **P1055213**
PM: **616 - Stacy Kennedy**
PB:

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	If preservation required by Login: Date/Time
	3.7.24	1400			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 3-8-24 Time: 0900	Hold: Condition: NCF / OK

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: L1736608

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
030624	11:30				

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

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment … Dedicated: X or N

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

Purging Device: C

Sampling Device: C

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: O — A-Teflon, B-Stainless Steel, C-PVC, D-Polypropylene, X-Other:

WELL DATA

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

Depth to Water (DTW) (from TOC): 73.63 (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)
11:35	200	1st	6.76	1st	634	15.2	18.3	5.7	123.5	74.10
11:40	200	2nd	6.84	2nd	635	16.5	18.0	6.3	123.4	74.15
11:45	200	3rd	6.85	3rd	625	16.7	15.4	6.3	124.1	74.25
11:50	200	4th	6.85	4th	622	16.8	11.4	6.3	125.3	74.35
11:55	200		6.85		618	16.8	10.9	6.3	126.0	74.45
:										
:										
:										
:										
:										
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
030624	6.85	618	16.8	10.9	6.3	126.0	

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

FIELD COMMENTS

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

Weather Conditions (required daily, or as conditions change): 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
3/6/24	C. Fhel[illegible]	[signature]	[illegible]

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-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: L7136606

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
030624	1210				

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

PURGE/SAMPLE EQUIPMENT

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

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

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

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

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

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

WELL DATA

Well Elevation (at TOC): ___ (ft/msl)
Depth to Water (DTW) (from TOC): 56.88 (ft)
Groundwater Elevation (site datum, from TOC): ___ (ft/msl)
Total Well Depth (from TOC): ___ (ft)
Stick Up (from ground elevation): ___ (ft)
Casing ID: 2 (in)
Casing Material: PVC

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

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit		pH (std)		Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
12:15	200	1st	6.14	1st	125	16.0	15.8	7.6	133.7	57.05
12:20	200	2nd	5.58	2nd	80	16.0	23.3	6.2	183.9	57.0
12:25	200	3rd	5.50	3rd	76	16.2	22.1	6.0	203.7	57.10
12:30	200	4th	5.50	4th	78	16.0	9.7	6.0	209.1	57.1
Suggested range for 3 consec. readings or note Permit/State requirements:			+/- 0.2		+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

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

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
030624	5.50	78	16.0	9.7	6.0	209.1	

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
3/6/24	C. Fincher	[signature]	Prony

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

ORIGINAL COPY

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: EVLF

Site No.:

Sample Point: LGW-4 (Sample ID)

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

Laboratory Use Only/Lab ID: L1713608

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
03/06/24	12:40				

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

PURGE/SAMPLE EQUIPMENT

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

Purging Device: C — Sampling Device: C

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

X-Other:

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

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

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

WELL DATA

Well Elevation (at TOC) (ft/msl)	Depth to Water (DTW) (from TOC) (ft)	Groundwater Elevation (site datum, from TOC) (ft/msl)
	60.73	

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	6.67 1st	702	15.8	11.7	6.9	176.3	60.85
12:50	200 2nd	6.64 2nd	773	15.7	17.4	3.5	166.7	60.95
12:55	200 3rd	6.63 3rd	775	15.7	19.1	2.7	163.3	60.95
13:00	200 4th	6.67 4th	773	15.8	23.1	2.1	156.2	60.95
13:05	200	6.67	772	16.2	17.1	1.7	151.8	60.95
13:10	200	6.67	771	16.2	16.4	1.6	149.6	60.95
13:15	200	6.67	771	16.3	10.1	1.6	148.3	60.95
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	–	–	+/- 10%	+/- 25 mV	Stabilize

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

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
03/06/24	6.67	771	16.3	10.1	1.6	148.3	

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

FIELD COMMENTS

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

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

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

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

Date	Name	Signature	Company
3/6/24	C. Fowler		Prong

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

ORIGINAL COPY

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: EVLF

Site No.: ____ Sample Point: 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: 617136008

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
030624	1330	:			

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) 72.00 (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)
1335	200	1st	6.65	1st	751		19.8	20.1	2.9	126.9	72.1
1340	~~200~~	2nd	6.65	2nd	710		19.0	9.8	5.1	131.0	72.1
1345	~~200~~	3rd	6.63	3rd	701		19.6	8.9	5.2	115.2	72.1
1350	~~200~~	4th	6.59	4th	721		20.1	10.3	2.7	51.9	72.1
1355	200		6.59		722		19.9	13.1	2.6	61.2	72.1
1400	200		6.59		723		19.8	10.0	2.4	66.0	72.1
:											
:											
:											
:											
Suggested range for 3 consec. readings or note Permit/State requirements:			+/- 0.2		+/- 3%		–	–	+/- 10%	+/- 25 mV	Stabilize

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

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
030624	6.59	723	19.8	10.0	2.4	66.0	

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

FIELD COMMENTS

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

Weather Conditions (required daily, or as conditions change): 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
3/6/24	C. Fowler		

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

ORIGINAL COPY

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: EVLF

Site No.: | | | |

Sample Point: LGW-6 (Sample ID)

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

Laboratory Use Only/Lab ID: L1713608

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
030624	1455				

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

PURGE/SAMPLE EQUIPMENT

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

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

Purging Device: C

Sampling Device: C

X-Other:

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

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

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

WELL DATA

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

Depth to Water (DTW) (from TOC): 51.08 (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)
1500	200	1st	6.88	1st	555	16.9	6.8	6.6	115.6	51.1
1505	200	2nd	6.42	2nd	635	17.5	6.3	4.3	69.4	51.1
1510	200	3rd	6.40	3rd	706	17.6	7.3	1.5	37.0	51.1
1515	200	4th	6.40	4th	719	17.6	6.2	0.9	29.6	51.1
1520	200		6.41		722	17.6	5.7	0.8	27.5	51.1
1525	200		6.41		723	17.7	6.4	0.7	26.0	51.1
Suggested range for 3 consec. readings or note Permit/State requirements:			+/- 0.2		+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

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

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
030624	6.41	723	17.7	6.4	0.7	26.0	

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

FIELD COMMENTS

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

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

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

'LGW-6' Dup @ 0700 + 77.77'

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

Date	Name	Signature	Company
3/6/24	Z. Fowler	[signature]	Pray

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-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: L7136-08

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
03 06 24	15:45				

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

PURGE/SAMPLE EQUIPMENT

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

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

Purging Device: C
Sampling Device: C
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): 43.1 (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)
15:50	200	1st 7.04	1st 565	18.1	5.9	6.1	41.3	43.4
15:55	200	2nd 7.05	2nd 505	18.2	5.9	4.6	59.9	43.4
16:00	200	3rd 6.98	3rd 525	18.1	6.2	3.9	81.2	43.44
16:05	200	4th 6.94	4th 535	18.0	5.9	3.7	88.8	43.45
16:10	200	6.91	544	17.9	5.8	3.6	93.0	43.45
16:15	200	6.90	549	17.9	5.9	3.5	95.2	43.45
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 ____
03 06 24	6.90	549	17.9	5.9	3.5	95.2	

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

FIELD COMMENTS

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

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

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

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

Date	Name	Signature	Company
3/6/24	C. Fincher	[signature]	[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-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: L713608

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
030624	1620	:			

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)
	107.4	

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)
1625	2000 1st	6.84 1st	691	14.5	9.7	4.4	107.2	10.85
1630	200 2nd	6.68 2nd	737	15.2	7.4	2.5	111.9	10.85
1635	200 3rd	6.67 3rd	752	15.4	7.0	1.3	113.7	10.85
1640	200 4th	6.67 4th	755	15.4	7.3	0.9	114.0	10.85
1645	200	6.67	756	15.4	7.0	0.8	114.2	10.85
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
030624	6.67	756	15.4	7.0	0.8	114.2	

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

FIELD COMMENTS

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

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

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

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

Date	Name	Signature	Company
3.6.24	C. Fowler		

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: L713600

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
03 06 24	17:00	:			

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

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment … Dedicated: X or N

Purging Device: C

Sampling Device: C

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)
	53.64	

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

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

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
17:05	200 1st	6.72 1st	748	16.7	6.7	5.7	116.4	54.00
17:10	200 2nd	6.52 2nd	771	16.7	6.0	2.8	123.9	54.25
17:15	200 3rd	6.49 3rd	779	16.7	5.9	1.4	126.9	54.45
17:20	200 4th	6.48 4th	784	16.9	6.8	1.7	129.9	54.50
17:25	200	6.48	787	16.9	6.0	0.9	131.5	54.55
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	–	–	+/- 10%	+/- 25 mV	Stabilize

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

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: / Units
03 06 24	6.48	787	16.9	6.0	0.9	131.5	

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
3/6/24	C. Fincher		Prairie

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

ORIGINAL COPY

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: EVLF

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

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

Laboratory Use Only/Lab ID: L1713600

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
03 06 24	09:10	:			

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

PURGE/SAMPLE EQUIPMENT

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

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

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

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

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

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

WELL DATA

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

Depth to Water (DTW) (from TOC) 59.53 (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)
09:15	200	1st	6.61	1st	864		14.7	17.3	2.0	99.5	60.15
09:20	200	2nd	6.44	2nd	924		15.7	18.2	1.1	23.2	60.25
09:25	200	3rd	6.42	3rd	951		15.9	15.7	0.7	-8.2	60.45
09:30	200	4th	6.43	4th	964		16.0	10.9	0.5	-22.1	60.55
09:35	200		6.44		965		16.0	9.6	0.5	-25.4	60.65
09:40	200		6.45		967		16.0	9.4	0.4	-27.1	60.75
Suggested range for 3 consec. readings or note Permit/State requirements:			+/- 0.2		+/- 3%		–	–	+/- 10%	+/- 25 mV	Stabilize

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

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
03 06 24	6.45	967	16.0	9.4	0.4	-27.1	

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
3/6/24	C. Fowler		

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

ORIGINAL COPY

FIELD INFORMATION FORM

WASTE MANAGEMENT

Site Name: EVLF

Site No.:

Sample Point: LGW-14R (Sample ID)

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

Laboratory Use Only/Lab ID: 473600

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
03 06 24	14:15	:			

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

PURGE/SAMPLE EQUIPMENT

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

Purging Device: C

Sampling Device: C

X-Other:

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

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

Filter Type:

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

Sample Tube Type: D

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

WELL DATA

Well Elevation (at TOC) (ft/msl)

Depth to Water (DTW) (from TOC) 56.65 (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)
14:20	200 1st	6.98 1st	566	16.7	8.6	6.1	80.6	58.65
14:25	200 2nd	6.91 2nd	591	16.9	7.8	5.0	90.4	58.95
14:30	200 3rd	6.88 3rd	595	16.9	8.0	4.5	100.4	59.05
14:35	200 4th	6.88 4th	595	16.8	7.4	4.4	104.0	59.1
14:40	200	6.88	595	16.9	7.5	4.3	105.9	59.1
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	–	–	+/- 10%	+/- 25 mV	Stabilize

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

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: / Units
03 06 24	6.88	595	16.9	7.5	4.3	105.9	

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
3/6/24	C. Finder		Perry

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: L1713608

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
03/06/24	08:30	:			

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

PURGE/SAMPLE EQUIPMENT

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

Purging Device: C — Sampling Device: C

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

X-Other:

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

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

Sample Tube Type: 0 — A-Teflon; B-Stainless Steel; C-PVC; D-Polypropylene; X-Other: ____

WELL DATA

Well Elevation (at TOC) (ft/msl)	Depth to Water (DTW) (from TOC) (ft)	Groundwater Elevation (site datum, from TOC) (ft/msl)
	86.84	

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

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

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
08:35	200 1st	7.26 1st	554	12.6	18.6	10.7	148.7	87.10
08:40	200 2nd	7.17 2nd	560	13.6	10.9	9.3	151.0	87.14
08:45	200 3rd	6.85 3rd	568	14.2	15.3	5.9	158.2	87.10
08:50	200 4th	6.81 4th	568	14.4	9.0	4.8	157.1	87.1
08:55	200	6.81	568	14.4	8.4	4.7	156.3	87.1
09:00	200	6.80	568	14.3	8.6	4.6	155.4	87.1
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

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

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
03/06/24	6.80	568	14.3	8.6	4.6	155.4	

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

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

Weather Conditions (required daily, or as conditions change): Cloudy 50 — Direction/Speed: E @ 5-10 mph — Outlook: Sunny, 70° — Precipitation: Y or [X]

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

FIELD COMMENTS

FB @ 0840

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
3/6/24	C. Finch		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-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: L1713608

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
03 06 24	11:00	:			

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

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment … Dedicated: [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)**: 58.90 (ft) — **Groundwater Elevation (site datum, from TOC)** (ft/msl)

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

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

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (µmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
11:05	200 1st	7.14 1st	541	14.8	8.1	7.5	103.8	58.9
11:10	200 2nd	6.818 2nd	615	15.1	8.6	7.5	112.6	58.9
11:15	200 3rd	6.63 3rd	631	15.6	7.5	5.6	124.1	58.9
11:20	200 4th	6.63 4th	630	15.5	7.8	5.4	126.2	58.9
11:25	200	6.62	631	15.5	8.1	5.3	127.3	58.9
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

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

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: Units
03 06 24	6.62	631	15.5	8.1	5.3	127.3	

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

FIELD COMMENTS

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

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

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

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

Date	Name	Signature	Company
3/6/24	E. Fowler		Roux

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

ORIGINAL COPY

FIELD INFORMATION FORM

WM WASTE MANAGEMENT

Site Name: EVLF

Site No.:

Sample Point: MW-16 (Sample ID)

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

Laboratory Use Only/Lab ID: L1713608

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
030624	10:25				

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

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment … Dedicated: [X] 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): 75.43 (ft)

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

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

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

Casing ID: 2 (in)

Casing Material: PVC

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

STABILIZATION DATA (Optional)

Sample Time (2400 Hr Clock)	Rate/Unit	pH (std)	Conductance (SC/EC) (μmhos/cm @ 25 °C)	Temp. (°C)	Turbidity (ntu)	D.O. (mg/L - ppm)	eH/ORP (mV)	DTW (ft)
10:30	200	1st 7.21	1st 372	14.3	8.9	6.7	52.8	77.10
10:35	200	2nd 7.32	2nd 348	14.8	8.3	6.8	72.2	77.50
10:40	200	3rd 7.33	3rd 349	14.8	8.0	6.9	75.0	78.0
10:45	200	4th 7.34	4th 349	14.9	8.0	6.9	84.0	78.2
10:50	200	7.34	350	14.9	7.9	7.0	85.9	78.4
Suggested range for 3 consec. readings or note Permit/State requirements:		+/- 0.2	+/- 3%	--	--	+/- 10%	+/- 25 mV	Stabilize

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

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
030624	7.34	350	14.9	7.9	7.0	85.9	

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
3/6/24	C. Finder	[signature]	Pace
/ /			

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: L1736088

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
030624	1830				

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

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment … Dedicated: Y or N

Purging Device: A — Sampling Device: A

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

X-Other:

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

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

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

WELL DATA

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

Depth to Water (DTW) (from TOC): 60.56 (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)
1835	250 1st	6.88 1st	483	16.7	134.7	2.8	109.6	60.62
1840	275 2nd	7.21 2nd	413	16.3	749.6	4.3	105.9	60.65
1845	275 3rd	7.22 3rd	411	16.8	531.4	4.5	107.3	60.65
1850	300 4th	7.17 4th	399	16.7	364.1	4.9	110.1	60.65
1855	275	7.12	386	16.9	283.7	5.1	112.7	60.65
1900	275	7.07	376	17.0	146.2	5.2	114.7	60.65
1905	275	6.99	359	17.1	111.2	5.4	118.6	60.65
1910	275	6.97	340	17.0	67.8	5.6	108.3	60.65
1915	275	6.95	325	17.1	48.1	5.8	110.2	60.65
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
030624	6.95	325	17.1	48.1	5.8	110.2	

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

FIELD COMMENTS

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

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

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

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

Date	Name	Signature	Company
3.6.24	C. Fricker		Pram

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: L1713006

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
03 06 24	09:50	:			

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

PURGE/SAMPLE EQUIPMENT

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

Purging Device: C — Sampling Device: C

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

X-Other:

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

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

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

WELL DATA

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

Depth to Water (DTW) (from TOC): 68.00 (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)
09:55	200	1st	6.71	1st	799		13.8	8.6	2.0	-20.8	68.25
10:00	200	2nd	6.78	2nd	692		14.6	8.2	4.1	10.8	68.25
10:05	200	3rd	6.70	3rd	660		15.9	8.5	4.0	25.2	68.25
10:10	200	4th	6.69	4th	671		16.0	8.3	3.9	31.7	68.25
10:15	200		6.68		676		16.1	8.1	3.8	40.2	68.25
:											
:											
:											
:											
:											
Suggested range for 3 consec. readings or note Permit/State requirements:			+/- 0.2		+/- 3%		--	--	+/- 10%	+/- 25 mV	Stabilize

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

FIELD DATA

SAMPLE DATE (MM DD YY)	pH (std)	CONDUCTANCE (umhos/cm @ 25°C)	TEMP. (°C)	TURBIDITY (ntu)	DO (mg/L-ppm)	eH/ORP (mV)	Other: ____ Units ____
03 06 24	6.68	676	16.1	8.1	3.8	40.2	

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

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

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

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

FIELD COMMENTS

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

Date	Name	Signature	Company
3/6/24	C. Fowler		Arcadis

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

ORIGINAL COPY

ANALYTICAL REPORT

March 17, 2024

Eco-Vista (Tontitown)LF

Sample Delivery Group:	L1712301
Samples Received:	03/06/2024
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.

TABLE OF CONTENTS

LCS-1 L1712301-01 GW

Collected by: CF | Collected date/time: 03/05/24 10:00 | Received date/time: 03/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2241153	500	03/07/24 11:35	03/07/24 11:35	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2241692	20	03/07/24 20:08	03/07/24 20:08	DLH	Mt. Juliet, TN

LCS-2 L1712301-02 GW

Collected by: CF | Collected date/time: 03/05/24 10:30 | Received date/time: 03/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2241153	500	03/07/24 11:37	03/07/24 11:37	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2241692	10	03/07/24 20:18	03/07/24 20:18	DLH	Mt. Juliet, TN

LCS-3 L1712301-03 GW

Collected by: CF | Collected date/time: 03/05/24 11:00 | Received date/time: 03/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2241153	500	03/07/24 11:38	03/07/24 11:38	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2241692	10	03/07/24 20:56	03/07/24 20:56	DLH	Mt. Juliet, TN

LCS-4 L1712301-04 GW

Collected by: CF | Collected date/time: 03/05/24 11:30 | Received date/time: 03/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2241153	500	03/07/24 11:40	03/07/24 11:40	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2241692	10	03/07/24 21:05	03/07/24 21:05	DLH	Mt. Juliet, TN

LCS-5 L1712301-05 GW

Collected by: CF | Collected date/time: 03/05/24 12:00 | Received date/time: 03/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2241153	500	03/07/24 11:41	03/07/24 11:41	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2244658	20	03/12/24 13:22	03/12/24 13:22	HMM	Mt. Juliet, TN

LCS-6 L1712301-06 GW

Collected by: CF | Collected date/time: 03/05/24 12:30 | Received date/time: 03/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2241153	500	03/07/24 11:43	03/07/24 11:43	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2241692	10	03/07/24 21:43	03/07/24 21:43	DLH	Mt. Juliet, TN

LCS-7 L1712301-07 GW

Collected by: CF | Collected date/time: 03/05/24 13:00 | Received date/time: 03/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2241153	500	03/07/24 11:44	03/07/24 11:44	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2241692	10	03/07/24 21:53	03/07/24 21:53	DLH	Mt. Juliet, TN

LCS-8 L1712301-08 GW

Collected by: CF | Collected date/time: 03/05/24 13:30 | Received date/time: 03/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2241153	200	03/07/24 11:46	03/07/24 11:46	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2241692	10	03/07/24 22:02	03/07/24 22:02	DLH	Mt. Juliet, TN

LCS-9 L1712301-09 GW

Collected by: CF | Collected date/time: 03/05/24 14:00 | Received date/time: 03/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2241153	200	03/07/24 11:52	03/07/24 11:52	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2241692	10	03/07/24 22:12	03/07/24 22:12	DLH	Mt. Juliet, TN

LCS-10 L1712301-10 GW

Collected by: CF | Collected date/time: 03/05/24 14:30 | Received date/time: 03/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2241153	200	03/07/24 11:53	03/07/24 11:53	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2241692	20	03/07/24 22:22	03/07/24 22:22	DLH	Mt. Juliet, TN

LCS-11 L1712301-11 GW

Collected by: CF | Collected date/time: 03/05/24 15:00 | Received date/time: 03/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2241153	500	03/07/24 11:55	03/07/24 11:55	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2244658	20	03/12/24 13:31	03/12/24 13:31	HMM	Mt. Juliet, TN

LCS-12 L1712301-12 GW

Collected by: CF | Collected date/time: 03/05/24 15:30 | Received date/time: 03/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2241153	200	03/07/24 11:56	03/07/24 11:56	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2241692	20	03/07/24 22:41	03/07/24 22:41	DLH	Mt. Juliet, TN

LDS-1 L1712301-13 GW

Collected by: CF | Collected date/time: 03/05/24 10:15 | Received date/time: 03/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2241153	5	03/07/24 11:58	03/07/24 11:58	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2241692	1	03/07/24 22:50	03/07/24 22:50	DLH	Mt. Juliet, TN

LDS-2 L1712301-14 GW

Collected by: CF | Collected date/time: 03/05/24 10:45 | Received date/time: 03/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2241153	5	03/07/24 12:04	03/07/24 12:04	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2241692	5	03/07/24 23:38	03/07/24 23:38	DLH	Mt. Juliet, TN

LDS-3 L1712301-15 GW

Collected by: CF | Collected date/time: 03/05/24 11:15 | Received date/time: 03/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2241153	100	03/07/24 12:13	03/07/24 12:13	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2241692	20	03/07/24 23:47	03/07/24 23:47	DLH	Mt. Juliet, TN

LDS-4 L1712301-16 GW

Collected by: CF | Collected date/time: 03/05/24 11:45 | Received date/time: 03/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2241153	200	03/07/24 12:14	03/07/24 12:14	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2241692	10	03/07/24 23:57	03/07/24 23:57	DLH	Mt. Juliet, TN

LDS-5 L1712301-17 GW

Collected by: CF | Collected date/time: 03/05/24 12:15 | Received date/time: 03/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2241153	500	03/07/24 12:16	03/07/24 12:16	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2241692	10	03/08/24 00:06	03/08/24 00:06	DLH	Mt. Juliet, TN

LDS-6 L1712301-18 GW

Collected by: CF | Collected date/time: 03/05/24 12:45 | Received date/time: 03/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2241153	50	03/07/24 12:17	03/07/24 12:17	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2241692	20	03/08/24 00:16	03/08/24 00:16	DLH	Mt. Juliet, TN

LDS-7 L1712301-19 GW

Collected by: CF | Collected date/time: 03/05/24 13:15 | Received date/time: 03/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2241153	200	03/07/24 12:19	03/07/24 12:19	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2241692	5	03/08/24 00:25	03/08/24 00:25	DLH	Mt. Juliet, TN

LDS-8 L1712301-20 GW

Collected by: CF | Collected date/time: 03/05/24 13:45 | Received date/time: 03/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2241153	100	03/07/24 12:20	03/07/24 12:20	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2241692	10	03/08/24 00:35	03/08/24 00:35	DLH	Mt. Juliet, TN

LDS-9 L1712301-21 GW

Collected by: CF | Collected date/time: 03/05/24 14:15 | Received date/time: 03/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2241154	20	03/07/24 15:07	03/07/24 15:07	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2241699	10	03/13/24 09:25	03/13/24 09:25	GEB	Mt. Juliet, TN

LDS-10 L1712301-22 GW

Collected by	Collected date/time	Received date/time
CF	03/05/24 14:45	03/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2241154	200	03/07/24 15:08	03/07/24 15:08	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2241699	10	03/13/24 09:41	03/13/24 09:41	GEB	Mt. Juliet, TN

LDS-11 L1712301-23 GW

Collected by	Collected date/time	Received date/time
CF	03/05/24 15:15	03/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2241154	500	03/07/24 15:10	03/07/24 15:10	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2241699	100	03/13/24 09:57	03/13/24 09:57	GEB	Mt. Juliet, TN

LDS-12 L1712301-24 GW

Collected by	Collected date/time	Received date/time
CF	03/05/24 15:45	03/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 350.1	WG2241154	100	03/07/24 15:11	03/07/24 15:11	LAS	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2241699	100	03/13/24 10:13	03/13/24 10:13	GEB	Mt. Juliet, TN

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

Stacy Kennedy
Project Manager

Project Comments

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

Sample Delivery Group (SDG) Narrative

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

Batch	Method	Lab Sample ID
WG2241153	350.1	L1712301-01, 03, 04, 05, 06, 07, 09, 10, 11, 12, 15, 16, 17, 18, 20

Wet Chemistry by Method 9056A

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

Batch	Lab Sample ID	Analytes
WG2241692	(MS) R4043682-4, (MS) R4043682-7, (MSD) R4043682-5, L1712301-02, 13	Chloride

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

Batch	Lab Sample ID	Analytes
WG2241699	(MS) R4046054-6, (MSD) R4046054-7	Chloride
WG2244658	(MS) R4044888-7	Chloride

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)	24114	umhos/cm
Temperature (on-site)	21.1	Deg. C
Turbidity (on-site)	347.74	NTU
Dissolved Oxygen (on-site)	5.45	mg/l
eH/ORP (On Site)	-172.8	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	2370		15.8	500	03/07/2024 11:35	WG2241153

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	1870		3.00	20	03/07/2024 20:08	WG2241692

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

Analyte	Result	Units
pH (On Site)	7.18	su
Specific Conductance (on site)	10878	umhos/cm
Temperature (on-site)	22.8	Deg. C
Turbidity (on-site)	54.93	NTU
Dissolved Oxygen (on-site)	3.9	mg/l
eH/ORP (On Site)	-159.8	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	783		15.8	500	03/07/2024 11:37	WG2241153

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	1130	V	3.00	10	03/07/2024 20:18	WG2241692

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

Analyte	Result	Units
pH (On Site)	7.5	su
Specific Conductance (on site)	11929	umhos/cm
Temperature (on-site)	23.8	Deg. C
Turbidity (on-site)	24.2	NTU
Dissolved Oxygen (on-site)	3.97	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	1110		15.8	500	03/07/2024 11:38	WG2241153

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	1390		3.00	10	03/07/2024 20:56	WG2241692

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

Analyte	Result	Units
pH (On Site)	7.33	su
Specific Conductance (on site)	15978	umhos/cm
Temperature (on-site)	28.3	Deg. C
Turbidity (on-site)	257.43	NTU
Dissolved Oxygen (on-site)	2.13	mg/l
eH/ORP (On Site)	-162.4	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	1250		15.8	500	03/07/2024 11:40	WG2241153

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	1400		3.00	10	03/07/2024 21:05	WG2241692

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

Analyte	Result	Units
pH (On Site)	7.77	su
Specific Conductance (on site)	28431	umhos/cm
Temperature (on-site)	26.7	Deg. C
Turbidity (on-site)	209.03	NTU
Dissolved Oxygen (on-site)	1.34	mg/l
eH/ORP (On Site)	-253.4	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	2670		15.8	500	03/07/2024 11:41	WG2241153

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	2370		3.00	20	03/12/2024 13:22	WG2244658

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

Analyte	Result	Units
pH (On Site)	7.31	su
Specific Conductance (on site)	14502	umhos/cm
Temperature (on-site)	24.1	Deg. C
Turbidity (on-site)	290.1	NTU
Dissolved Oxygen (on-site)	4.02	mg/l
eH/ORP (On Site)	-115	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	1090		15.8	500	03/07/2024 11:43	WG2241153

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	1310		3.00	10	03/07/2024 21:43	WG2241692

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

Analyte	Result	Units
pH (On Site)	7.39	su
Specific Conductance (on site)	16054	umhos/cm
Temperature (on-site)	28.4	Deg. C
Turbidity (on-site)	60.93	NTU
Dissolved Oxygen (on-site)	3.11	mg/l
eH/ORP (On Site)	-110.7	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	1140		15.8	500	03/07/2024 11:44	WG2241153

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	1620		3.00	10	03/07/2024 21:53	WG2241692

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

Analyte	Result	Units
pH (On Site)	7.31	su
Specific Conductance (on site)	10223	umhos/cm
Temperature (on-site)	29.8	Deg. C
Turbidity (on-site)	154.92	NTU
Dissolved Oxygen (on-site)	5.16	mg/l
eH/ORP (On Site)	-95.8	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	759		6.34	200	03/07/2024 11:46	WG2241153

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	949		3.00	10	03/07/2024 22:02	WG2241692

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

Analyte	Result	Units
pH (On Site)	7.46	su
Specific Conductance (on site)	16112	umhos/cm
Temperature (on-site)	31.2	Deg. C
Turbidity (on-site)	319.7	NTU
Dissolved Oxygen (on-site)	1.63	mg/l
eH/ORP (On Site)	-117.8	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	1240		6.34	200	03/07/2024 11:52	WG2241153

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	1630		3.00	10	03/07/2024 22:12	WG2241692

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)	20615	umhos/cm
Temperature (on-site)	20.6	Deg. C
Turbidity (on-site)	118.13	NTU
Dissolved Oxygen (on-site)	2.45	mg/l
eH/ORP (On Site)	-190.9	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	1700		6.34	200	03/07/2024 11:53	WG2241153

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	1920		3.00	20	03/07/2024 22:22	WG2241692

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

Analyte	Result	Units
pH (On Site)	7.89	su
Specific Conductance (on site)	12281	umhos/cm
Temperature (on-site)	30	Deg. C
Turbidity (on-site)	661.46	NTU
Dissolved Oxygen (on-site)	3.31	mg/l
eH/ORP (On Site)	-72.4	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	2610		15.8	500	03/07/2024 11:55	WG2241153

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	2110		3.00	20	03/12/2024 13:31	WG2244658

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

Analyte	Result	Units
pH (On Site)	7.62	su
Specific Conductance (on site)	22050	umhos/cm
Temperature (on-site)	31.6	Deg. C
Turbidity (on-site)	424.14	NTU
Dissolved Oxygen (on-site)	3.98	mg/l
eH/ORP (On Site)	-140.6	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	1930		6.34	200	03/07/2024 11:56	WG2241153

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	2090		3.00	20	03/07/2024 22:41	WG2241692

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

Analyte	Result	Units
pH (On Site)	6.67	su
Specific Conductance (on site)	430	umhos/cm
Temperature (on-site)	23.6	Deg. C
Turbidity (on-site)	3.63	NTU
Dissolved Oxygen (on-site)	3.97	mg/l
eH/ORP (On Site)	-136.8	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	15.5		0.158	5	03/07/2024 11:58	WG2241153

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	177	V	3.00	1	03/07/2024 22:50	WG2241692

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)	2150	umhos/cm
Temperature (on-site)	22.4	Deg. C
Turbidity (on-site)	125.93	NTU
Dissolved Oxygen (on-site)	4.87	mg/l
eH/ORP (On Site)	-117.7	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	4.95		0.158	5	03/07/2024 12:04	WG2241153

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	223		3.00	5	03/07/2024 23:38	WG2241692

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

Analyte	Result	Units
pH (On Site)	7.61	su
Specific Conductance (on site)	13941	umhos/cm
Temperature (on-site)	22.9	Deg. C
Turbidity (on-site)	39.91	NTU
Dissolved Oxygen (on-site)	4.15	mg/l
eH/ORP (On Site)	-12.6	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	178		3.17	100	03/07/2024 12:13	WG2241153

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	1710		3.00	20	03/07/2024 23:47	WG2241692

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

Analyte	Result	Units
pH (On Site)	7.46	su
Specific Conductance (on site)	15659	umhos/cm
Temperature (on-site)	29.2	Deg. C
Turbidity (on-site)	46.04	NTU
Dissolved Oxygen (on-site)	2.83	mg/l
eH/ORP (On Site)	-167.7	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	930		6.34	200	03/07/2024 12:14	WG2241153

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	1410		3.00	10	03/07/2024 23:57	WG2241692

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

Analyte	Result	Units
pH (On Site)	7.45	su
Specific Conductance (on site)	11114	umhos/cm
Temperature (on-site)	23.1	Deg. C
Turbidity (on-site)	22.87	NTU
Dissolved Oxygen (on-site)	1.99	mg/l
eH/ORP (On Site)	-151.6	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	362		15.8	500	03/07/2024 12:16	WG2241153

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	871		3.00	10	03/08/2024 00:06	WG2241692

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

Analyte	Result	Units
pH (On Site)	7.81	su
Specific Conductance (on site)	11171	umhos/cm
Temperature (on-site)	22.9	Deg. C
Turbidity (on-site)	6.45	NTU
Dissolved Oxygen (on-site)	3.23	mg/l
eH/ORP (On Site)	-94.8	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	175		1.58	50	03/07/2024 12:17	WG2241153

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	1190		3.00	20	03/08/2024 00:16	WG2241692

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

Analyte	Result	Units
pH (On Site)	7.21	su
Specific Conductance (on site)	11057	umhos/cm
Temperature (on-site)	29.1	Deg. C
Turbidity (on-site)	18.61	NTU
Dissolved Oxygen (on-site)	4.07	mg/l
eH/ORP (On Site)	-68.7	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	118		6.34	200	03/07/2024 12:19	WG2241153

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	320		3.00	5	03/08/2024 00:25	WG2241692

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

Analyte	Result	Units
pH (On Site)	7.22	su
Specific Conductance (on site)	10652	umhos/cm
Temperature (on-site)	30.6	Deg. C
Turbidity (on-site)	1274.75	NTU
Dissolved Oxygen (on-site)	2.74	mg/l
eH/ORP (On Site)	-159	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	742		3.17	100	03/07/2024 12:20	WG2241153

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	963		3.00	10	03/08/2024 00:35	WG2241692

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

Analyte	Result	Units
pH (On Site)	6.34	su
Specific Conductance (on site)	2472	umhos/cm
Temperature (on-site)	27.4	Deg. C
Turbidity (on-site)	15.43	NTU
Dissolved Oxygen (on-site)	2.87	mg/l
eH/ORP (On Site)	-106.1	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	24.3		0.634	20	03/07/2024 15:07	WG2241154

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	223		3.00	10	03/13/2024 09:25	WG2241699

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

Analyte	Result	Units
pH (On Site)	7.04	su
Specific Conductance (on site)	6777	umhos/cm
Temperature (on-site)	22.5	Deg. C
Turbidity (on-site)	437.11	NTU
Dissolved Oxygen (on-site)	2.91	mg/l
eH/ORP (On Site)	-131.2	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	382		6.34	200	03/07/2024 15:08	WG2241154

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	639		3.00	10	03/13/2024 09:41	WG2241699

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

Analyte	Result	Units
pH (On Site)	7.88	su
Specific Conductance (on site)	26573	umhos/cm
Temperature (on-site)	24.1	Deg. C
Turbidity (on-site)	235.64	NTU
Dissolved Oxygen (on-site)	3.14	mg/l
eH/ORP (On Site)	-144.3	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	1940		15.8	500	03/07/2024 15:10	WG2241154

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	2720		5.19	100	03/13/2024 09:57	WG2241699

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

Analyte	Result	Units
pH (On Site)	7.4	su
Specific Conductance (on site)	18284	umhos/cm
Temperature (on-site)	28.4	Deg. C
Turbidity (on-site)	363.74	NTU
Dissolved Oxygen (on-site)	3.13	mg/l
eH/ORP (On Site)	-141.1	mV

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	976		3.17	100	03/07/2024 15:11	WG2241154

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	1560		5.19	100	03/13/2024 10:13	WG2241699

QUALITY CONTROL SUMMARY

L1712301-01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16,17,18,19,20

Method Blank (MB)

(MB) R4042896-1 03/07/24 11:27

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

L1712301-13 Original Sample (OS) • Duplicate (DUP)

(OS) L1712301-13 03/07/24 11:58 • (DUP) R4042896-3 03/07/24 11:59

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Ammonia Nitrogen	15.5	15.5	5	0.355		10

L1712301-14 Original Sample (OS) • Duplicate (DUP)

(OS) L1712301-14 03/07/24 12:04 • (DUP) R4042896-6 03/07/24 12:05

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Ammonia Nitrogen	4.95	4.80	5	2.97		10

Laboratory Control Sample (LCS)

(LCS) R4042896-2 03/07/24 11:29

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Ammonia Nitrogen	7.50	7.48	99.8	90.0-110	

L1712301-13 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1712301-13 03/07/24 11:58 • (MS) R4042896-4 03/07/24 12:01 • (MSD) R4042896-5 03/07/24 12:02

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	25.0	15.5	40.0	39.7	98.0	96.9	5	90.0-110			0.705	10

L1712301-14 Original Sample (OS) • Matrix Spike (MS)

(OS) L1712301-14 03/07/24 12:04 • (MS) R4042896-7 03/07/24 12:11

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Ammonia Nitrogen	25.0	4.95	30.7	103	5	90.0-110	

Method Blank (MB)

(MB) R4042902-1 03/07/24 14:23

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

L1712210-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1712210-04 03/07/24 14:34 • (DUP) R4042902-5 03/07/24 14:35

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

L1712290-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1712290-01 03/07/24 14:56 • (DUP) R4042902-7 03/07/24 15:02

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) R4042902-2 03/07/24 14:25

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Ammonia Nitrogen	7.50	7.30	97.3	90.0-110	

L1712210-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1712210-01 03/07/24 14:26 • (MS) R4042902-3 03/07/24 14:28 • (MSD) R4042902-4 03/07/24 14:29

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Ammonia Nitrogen	5.00	ND	5.01	4.93	100	98.6	1	90.0-110			1.65	10

L1712245-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1712245-01 03/07/24 14:53 • (MS) R4042902-6 03/07/24 14:55

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Ammonia Nitrogen	5.00	ND	5.01	100	1	90.0-110	

Method Blank (MB)

(MB) R4043682-1 03/07/24 19:49

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	0.0742		0.0519	1.00

L1712301-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1712301-02 03/07/24 20:18 • (DUP) R4043682-3 03/07/24 20:27

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	1130	1140	10	0.642		15

L1712301-13 Original Sample (OS) • Duplicate (DUP)

(OS) L1712301-13 03/07/24 22:50 • (DUP) R4043682-6 03/07/24 23:00

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	177	176	1	0.235		15

Laboratory Control Sample (LCS)

(LCS) R4043682-2 03/07/24 19:59

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

L1712301-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1712301-02 03/07/24 20:18 • (MS) R4043682-4 03/07/24 20:37 • (MSD) R4043682-5 03/07/24 20:46

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 %
Chloride	40.0	1130	1320	1300	486	439	10	80.0-120	V	V	1.42	15

Sample Narrative:

MS: spike failed due to high parent hit

MSD: spike failed due to high parent hit

L1712301-13 Original Sample (OS) • Matrix Spike (MS)

(OS) L1712301-13 03/07/24 22:50 • (MS) R4043682-7 03/07/24 23:09

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40.0	177	182	13.9	1	80.0-120	V

Sample Narrative:

MS: spike failed due to high parent hit

Method Blank (MB)

(MB) R4046054-1 03/13/24 02:25

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	0.395	J	0.0519	1.00

L1712279-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1712279-02 03/13/24 05:43 • (DUP) R4046054-3 03/13/24 05:59

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	ND	ND	1	2.61		15

L1712566-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1712566-05 03/13/24 12:36 • (DUP) R4046054-8 03/13/24 12:52

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	54.2	54.1	1	0.213		15

Laboratory Control Sample (LCS)

(LCS) R4046054-2 03/13/24 02:41

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

L1712566-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1712566-03 03/13/24 11:01 • (MS) R4046054-6 03/13/24 11:17 • (MSD) R4046054-7 03/13/24 12:04

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	107	126	125	46.4	45.8	1	80.0-120	J6	J6	0.193	15

Method Blank (MB)

(MB) R4044888-1 03/12/24 08:40

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	0.0720		0.0519	1.00

L1712877-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1712877-02 03/12/24 13:40 • (DUP) R4044888-3 03/12/24 13:50

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	4.09	4.18	1	2.16		15

L1712936-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1712936-06 03/12/24 17:29 • (DUP) R4044888-6 03/12/24 17:38

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	68.4	68.7	1	0.483		15

Laboratory Control Sample (LCS)

(LCS) R4044888-2 03/12/24 08:49

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	40.6	101	80.0-120	

L1712877-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1712877-02 03/12/24 13:40 • (MS) R4044888-4 03/12/24 13:59 • (MSD) R4044888-5 03/12/24 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	4.09	45.6	45.3	104	103	1	80.0-120			0.669	15

L1712936-06 Original Sample (OS) • Matrix Spike (MS)

(OS) L1712936-06 03/12/24 17:29 • (MS) R4044888-7 03/12/24 17:48

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40.0	68.4	92.4	60.1	1	80.0-120	J6

L1712936-06 Original Sample (OS) • Matrix Spike (MS)

(OS) L1712936-06 03/12/24 17:29 • (MS) R4044888-7 03/12/24 17:48

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

Sample Narrative:

MS: Spike failure due to matrix interference

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

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

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
V	The sample concentration is too high to evaluate accurate spike recoveries.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

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

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

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

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

Eco-Vista (Tontitown)LF

88 Joyce Lane
Russellville, AR 72801

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

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page 1 of 3

Pace PEOPLE ADVANCING SCIENCE

MT JULIET, TN

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

Report to: **Jodi Reynolds**

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

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

City/State Collected:

Please Circle: PT MT CT ET

Phone: **501-993-8966**

Client Project # 300

Lab Project # WMECOVISAR-00005

Collected by (print): Chris Fincher

Site/Facility ID # AR03

P.O. #

Collected by (signature): [signature]

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

Quote #

Date Results Needed

Immediately Packed on Ice N___ Y X

SDG # L1712301

A162

Acctnum: WMECOVISAR

Template: T161046

Prelogin: P1055213

PM: 616 - Stacy Kennedy

PB: 2/22/24 CUM

Shipped Via: FedEX Ground

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	CHLORIDE 125mlHDPE-NoPres	NH3 250mlHDPE-H2SO4									Remarks	Sample # (lab only)
LCS-1	Grab	GW	N/A	3-5-24	1000	2	X	X										01
LCS-2	↓	GW	↓	↓	1030	2	X	X										02
LCS-3		GW			1100	2	X	X										03
LCS-4		GW			1130	2	X	X										04
LCS-5		GW			1200	2	X	X										05
LCS-6		GW			1230	2	X	X										06
LCS-7		GW			1300	2	X	X										07
LCS-8		GW			1330	2	X	X										08
LCS-9		GW			1400	2	X	X										09
LCS-10		GW			1430	2	X	X										10

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

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

pH ___ Temp ___

Flow ___ Other ___

Samples returned via:
__ UPS __ FedEx __ Courier ___

Tracking # 7210 2117 7250

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: ✓ _N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)		
[signature]	3-5-24	1200		Trip Blank Received: Yes / (No) HCL / MeoH TBR	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 1.0±0=1.0 °C MS 49 Bottles Received: 48	If ... PH-10BDH5021 TRC-2352362 CR6-20221V Date/Time
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) Carl Burchfield	Date: 3/6/24 Time: 9:00	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 3

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

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 # L1712301

Collected by (print): Christy Fowler

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

Quote #

Date Results Needed

Acctnum: **WMECOVISAR**
Template: **T161046**
Prelogin: **P1055213**
PM: **616 - Stacy Kennedy**
PB: 2/22/24 CAM
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	3.5.24	1500	2	X	X		11
LCS-12		GW			1530	2	X	X		12
LDS-1		GW			1015	2	X	X		13
LDS-2		GW			1045	2	X	X		14
LDS-3		GW			1115	2	X	X		15
LDS-4		GW			1145	2	X	X		16
LDS-5		GW			1215	2	X	X		17
LDS-6		GW			1245	2	X	X		18
LDS-7		GW			1315	2	X	X		19
LDS-8		GW			1345	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	
	3.5.24	1700			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:	If preservation required by Login: Date/Time
				1.0 2.0=1.0 NS DG 48	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:	Hold: Condition: NCF / OK
			Chad Burchfield	3/6/24 9:00	

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 Fiegler

Site/Facility ID # **AR03**

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y X

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

Date Results Needed

Quote #

Analysis / Container / Preservative

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	3.5.24	1415	2	X	X		21
LDS-10	↓	GW	↓	↓	1445	2	X	X		22
LDS-11	↓	GW	↓	↓	1515	2	X	X		23
LDS-12	✓	GW	✓	✓	1545	2	X	X		24
LGW-2		GW				2	X	X		
LGW-3R		GW				2	X	X		
LGW-4		GW				2	X	X		
LGW-5		GW				2	X	X		
LGW-6		GW				2	X	X		
LGW-7		GW				2	X	X		

Chain of Custody Page 5 of 7

Pace
PEOPLE ADVANCING SCIENCE

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

SDG # L1712301

Table #

Acctnum: **WMECOVISAR**
Template: **T161046**
Prelogin: **P1055213**
PM: **616 - Stacy Kennedy**
PB: 2/22/24 cdm
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 X 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
	3.5.24	1700		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 1.0 °C Bottles Received: 48
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 3/6/24 Time: 9:00

If preservation required by Login: Date/Time

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)
03/05/2024	1000	7.73	24114	21.1	347.94	5.45	-172.8

Record final stabilized field readings.

Field Observations

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

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

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

Direction/Speed: W @ 10-15 mph Precipitation: [Y] or [N]

Specific Comments: _____

Date	Name	Signature	Company
3/5/24	C. Fincher		Prairie
/ /			

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.:

Site Name: EVLF

Sample I.D. LCS-2

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: P — 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)
03/05/2024	1030	7.18	10878	22.8	54.93	3.90	-159.8

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):

Direction/Speed: Precipitation: Y or N

Specific Comments:

Date	Name	Signature	Company
3/5/24	L. Fincher		Pony
/ /			

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.: ______

Site Name: EVLF

Sample I.D. LCS-3

Sampling Method & Equipment

Purge and Sample Equipment:

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

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

Sample Type: ☐ Grab (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)
03/05/2024	1100	7.50	~~26.23~~ 11929 CF	23.8	24.20	3.97	-49.7

Record final stabilized field readings.

Field Observations

Sample Appearance: Odor: Yes Color: Brown/yellow Other: ______

Sheen Present Y or N (N marked) Foam Present: Y (marked) or N Floating Solids: Y or N (N marked)

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

Direction/Speed: ______ Precipitation: Y or N

Specific Comments: ______

3/5/24	C. Fowler	[signature]	[illegible]
Date	Name	Signature	Company

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.: _____

Site Name: EVLF

Sample I.D. LCS-4

Sampling Method & Equipment

Purge and Sample Equipment:

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

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

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

Field Measurements

Sample Date MM/DD/YYYY	Sample Time 24 Hr. Clock	pH (std. Units)	CONDUCTIVITY (umhos/cm @ 25°C)	Temp °C	TURBIDITY (NTUs)	DO mg/L - ppm	eH/ORP (std. Units)
03/05/2024	1130	7.33	15978	28.3	257.43	2.13	-162.4

Record final stabilized field readings.

Field Observations

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

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

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

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

Specific Comments: _____

Date	Name	Signature	Company
3/5/24	C. Fincher		Arcadis
/ /			

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)
03/05/2024	1200	7.77	28431	26.7	209.03	1.34	-253.4

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 (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
3/5/24	C. Ender	[signature]	Prarz

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.: _____

Site Name: ELLF

Sample I.D. LCS-6

Sampling Method & Equipment

Purge and Sample Equipment:

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

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

Sample Type: [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)
03/05/2024	1230	7.31	14502	24.1	290.10	4.02	-115.0

Record final stabilized field readings.

Field Observations

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

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

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

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

Specific Comments: _____

Date	Name	Signature	Company
3/5/24	C. Finch		PDMS
/ /			

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.: _____

Site Name: EVLF

Sample I.D.: LCS-7

Sampling Method & Equipment

Purge and Sample Equipment:

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

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

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

Field Measurements

Sample Date MM/DD/YYYY	Sample Time 24 Hr. Clock	pH (std. Units)	CONDUCTIVITY (umhos/cm @ 25°C)	Temp °C	TURBIDITY (NTUs)	DO mg/L - ppm	eH/ORP (std. Units)
03/05/2024	1300	7.39	16054	28.4	60.93	3.11	-110.7

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
3/5/24	C. Finch	[signature]	pace
/ /			

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)
03/05/2024	1330	7.31	10223	29.8	154.92	5.16	-95.8

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):

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

Specific Comments: _____

Date	Name	Signature	Company
3/5/24	C. Fincher		Geosyntec
/ /			

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)
03/05/2024	1400	7.46	16112	31.2	319.70	1.63	-117.8

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):

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

Specific Comments: _____

Date	Name	Signature	Company
3/5/24	C. Finder		Brary
/ /			

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

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)

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)
03/05/2024	1430	7.65	20615	20.6	118.13	2.45	-130.9

Record final stabilized field readings.

Field Observations

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

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

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

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

Specific Comments: _____

Date	Name	Signature	Company
3/5/24	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-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)
03/05/2024	1500	7.89	12281	30.0	661.46	3.34	-72.4

Record final stabilized field readings.

Field Observations

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

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

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

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

Specific Comments: _____

Date	Name	Signature	Company
3 / 5 / 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-12

Sampling Method & Equipment

Purge and Sample Equipment:

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

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

Sample Type: 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)
03/05/2024	1530	7.62	22050	31.6	424.14	3.98	-146.6

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
3/5/24	C. Fincher		Brown
/ /			

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Site Name: EVLF

Sample I.D.: LDS-1

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)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)
03/05/2024	1015	6.67	4.30	23.6	3.63	3.97	-136.8

Record final stabilized field readings.

Field Observations

Sample Appearance: Odor: Yes Color: Clear/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
3/5/24	C. Findlay		Prony
/ /			

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 (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)
03/05/2024	1045	6.73	2150	22.4	125.93	4.87	-117.7

Record final stabilized field readings.

Field Observations

Sample Appearance: Odor: Yes Color: clear/Yellow Other: ______

Sheen Present Y or N (marked N) Foam Present: Y or N (marked N) Floating Solids: Y or N (marked N)

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

Direction/Speed: ______ Precipitation: Y or N

Specific Comments: ______

Date	Name	Signature	Company
3/5/24	C. Fancher	[signature]	Brazos

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.:

Site Name: EVF

Sample I.D.: LDS-3

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D (D - Direct, I - Indirect, V - Visual)

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

Sample Type: Grab / Composite (circle one)

Field Measurements

Sample Date MM/DD/YYYY	Sample Time 24 Hr. Clock	pH (std. Units)	CONDUCTIVITY (umhos/cm @ 25°C)	Temp °C	TURBIDITY (NTUs)	DO mg/L - ppm	eH/ORP (std. Units)
03/05/2024	1115	7.61	13941	22.9	39.91	4.15	-12.6

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
3/5/24	C. Fincher		Progress
/ /			

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.:

Site Name: EVLF

Sample I.D.: LOS-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)
03/05/2024	1145	7.46	15659	29.2	46.04	2.83	-167.7

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
3/5/24	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. LOS-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)
03/05/2024	1215	7.45	11114	23.1	22.87	1.99	-157.6

Record final stabilized field readings.

Field Observations

Sample Appearance: Odor: Yes Color: Black 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
3/5/24	C. Finch		Arcadis
/ /			

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Site Name: EVLF

Sample I.D.: LDS-6

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, S - Sample Bottle, T - Transfer Vessel, 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)
03/05/2024	1245	7.81	11171	22.9	6.45	3.23	-94.8

Record final stabilized field readings.

Field Observations

Sample Appearance: Odor: Yes Color: Brown Other:

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

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

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

Specific Comments:

Date	Name	Signature	Company
3/5/24	C. Fincher		Brary
/ /			

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.: _____

Site Name: ELLF

Sample I.D.: LOS-7

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D (D - Direct, I - Indirect, V - Visual)

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

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

Field Measurements

Sample Date MM/DD/YYYY	Sample Time 24 Hr. Clock	pH (std. Units)	CONDUCTIVITY (umhos/cm @ 25"C)	Temp 'C	TURBIDITY (NTUs)	DO mg/L - ppm	eH/ORP (std. Units)
03/05/2024	1315	7.21	11057	29.1	18.61	4.07	-68.7

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
3/5/24	C. Fincher		Prong
/ /			

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Site Name: EVLF

Sample I.D.: LDS-8

Laboratory Use Only / Lab I.D.:

Sampling Method & Equipment

Purge and Sample Equipment:

Sampling Method: D (D - Direct, I - Indirect, V - Visual)

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

Sample Type: Grab / Composite (circle one)

Field Measurements

Sample Date MM/DD/YYYY	Sample Time 24 Hr. Clock	pH (std. Units)	CONDUCTIVITY (umhos/cm @ 25"C)	Temp 'C	TURBIDITY (NTUs)	DO mg/L - ppm	eH/ORP (std. Units)
03/05/2024	1345	7.22	10652	30.6	1274.75	2.74	-159.0

Record final stabilized field readings.

Field Observations

Sample Appearance: Odor: Yes Color: Yellow/clear Other:

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

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

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

Specific Comments:

Date	Name	Signature	Company
3/5/24	C. Fincher		Pace

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.: _____

Site Name: ELLF

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: G / Composite (circle one)

Field Measurements

Sample Date MM/DD/YYYY	Sample Time 24 Hr. Clock	pH (std. Units)	CONDUCTIVITY (umhos/cm @ 25°C)	Temp °C	TURBIDITY (NTUs)	DO mg/L - ppm	eH/ORP (std. Units)
03/05/2024	1415	6.34	2472	27.4	15.43	2.87	-106.1

Record final stabilized field readings.

Field Observations

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

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

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

Direction/Speed: _____ Precipitation: Y or N

Specific Comments: _____

Date	Name	Signature	Company
3/5/24	C. Fincher		Praxy
/ /			

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.: ____________

Site Name: EVLF

Sample I.D. LDS-10

Sampling Method & Equipment

Purge and Sample Equipment:

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

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

Sample Type: ☐ Grab / Composite (circle one) — 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)
03/05/2024	1445	7.04	6777	22.5	437.11	2.91	-131.2

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
3/5/24	C. Fincher	[signature]	prang

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Site Name: FVLF

Sample I.D.: LDS-11

Laboratory Use Only / Lab I.D.:

Sampling Method & Equipment

Purge and Sample Equipment:

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

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

Sample Type: G / Composite (circle one)

Field Measurements

Sample Date MM/DD/YYYY	Sample Time 24 Hr. Clock	pH (std. Units)	CONDUCTIVITY (umhos/cm @ 25"C)	Temp 'C	TURBIDITY (NTUs)	DO mg/L - ppm	eH/ORP (std. Units)
03/05/2025	1515	7.88	26573	24.1	235.64	3.14	-144.3

Record final stabilized field readings.

Field Observations

Sample Appearance: Odor: Yes Color: Black 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
3/5/24	Chris Fowler		Bray
/ /			

FIELD INFORMATION FORM

Surface Water, Stormwater and Leachate

WASTE MANAGEMENT

Laboratory Use Only / Lab I.D.: _____

Site Name: ELLF

Sample I.D.: LOS-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)
03/05/2024	1545	7.40	18284	28.4	363.74	3.13	-141.1

Record final stabilized field readings.

Field Observations

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

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

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

Direction/Speed: _____ Precipitation: Y or N

Specific Comments: _____

Date	Name	Signature	Company
3/5/24	4 - Fowler		
/ /			

3/6/24 - NCF L1712301 WMECOVISAR

R5

Time estimate: oh **Time spent:** oh

Members

MS Matthew Shacklock (responsible) SK Stacy Kennedy

- [ ] Parameter(s) past holding time
- [ ] Temperature not in range
- [ ] Improper container type
- [x] pH not in range
- [ ] Insufficient sample volume
- [ ] Sample is biphasic
- [ ] Vials received with headspace
- [ ] Broken container
- [ ] Sufficient sample remains
- [ ] If broken container: Insufficient packing material around container
- [ ] If broken container: Insufficient packing material inside cooler
- [ ] If broken container: Improper handling by carrier:_____
- [ ] If broken container: Sample was frozen
- [ ] If broken container: Container lid not intact
- [ ] Client informed by Call
- [ ] Client informed by Email
- [ ] Client informed by Voicemail
- [ ] Date/Time:_____
- [ ] PM initials:_____
- [ ] Client Contact:_____

Comments

Matthew Shacklock *6 March 2024 3:25 PM*

NH_3 received out of PH range due to matrix

Stacy Kennedy *6 March 2024 3:49 PM*

Noted. Proceed with analysis.

Matthew Shacklock *6 March 2024 3:58 PM*

Done